

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011824\
 Data File : VY017032.D
 Acq On : 18 Jan 2024 11:59
 Operator : SY/MD
 Sample : VY0118SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0118SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/19/2024
 Supervised By :Semsettin Yesilyurt 01/19/2024

Quant Time: Jan 19 02:26:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.819	168	143389	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	238968	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.520	117	202063	50.000	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.453	152	87126	50.000	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	68030	48.003	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.000%
35) Dibromofluoromethane	7.752	113	75844	49.806	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.620%
50) Toluene-d8	10.209	98	256418	48.900	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.800%
62) 4-Bromofluorobenzene	12.508	95	87173	49.273	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.540%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.924	85	20186	16.667	ug/l	99
3) Chloromethane	2.138	50	28757	17.072	ug/l	98
4) Vinyl Chloride	2.278	62	35640	17.938	ug/l	99
5) Bromomethane	2.674	94	27442	19.279	ug/l	93
6) Chloroethane	2.820	64	24818	18.466	ug/l	94
7) Trichlorofluoromethane	3.156	101	49129	20.068	ug/l	96
8) Diethyl Ether	3.558	74	16071	20.542	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.936	101	32910	20.675	ug/l	99
10) Methyl Iodide	4.131	142	24993	18.456	ug/l	98
11) Tert butyl alcohol	5.003	59	14153	120.013	ug/l #	87
12) 1,1-Dichloroethene	3.912	96	26236	19.210	ug/l	97
13) Acrolein	3.765	56	15201	93.432	ug/l	99
14) Allyl chloride	4.515	41	41250	19.106	ug/l	97
15) Acrylonitrile	5.204	53	40064	109.481	ug/l	100
16) Acetone	3.979	43	50974	134.816	ug/l	95
17) Carbon Disulfide	4.235	76	48112	14.743	ug/l	99
18) Methyl Acetate	4.521	43	28946	19.064	ug/l	99
19) Methyl tert-butyl Ether	5.265	73	78222	22.015	ug/l	99
20) Methylene Chloride	4.759	84	38046	15.432	ug/l	95
21) trans-1,2-Dichloroethene	5.265	96	29725	19.004	ug/l	93
22) Diisopropyl ether	6.155	45	107866	21.610	ug/l	97
23) Vinyl Acetate	6.100	43	256891	112.242	ug/l	98
24) 1,1-Dichloroethane	6.064	63	62303	20.771	ug/l	99
25) 2-Butanone	7.021	43	63242	125.953	ug/l	96
26) 2,2-Dichloropropane	7.015	77	54703	21.033	ug/l	100
27) cis-1,2-Dichloroethene	7.027	96	38062	20.758	ug/l	98
28) Bromochloromethane	7.368	49	23128	20.538	ug/l	98
29) Tetrahydrofuran	7.380	42	31053	108.260	ug/l	99
30) Chloroform	7.539	83	66950	21.659	ug/l	99
31) Cyclohexane	7.819	56	45032	18.514	ug/l	96
32) 1,1,1-Trichloroethane	7.734	97	55696	21.250	ug/l	99
36) 1,1-Dichloropropene	7.947	75	44517	20.059	ug/l	99
37) Ethyl Acetate	7.112	43	22243	22.055	ug/l	98
38) Carbon Tetrachloride	7.935	117	46807	20.759	ug/l	98
39) Methylcyclohexane	9.216	83	47117	18.886	ug/l	98
40) Benzene	8.191	78	134926	20.267	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	11870	22.348	ug/l	90
42) 1,2-Dichloroethane	8.271	62	37671	21.315	ug/l	99
43) Isopropyl Acetate	8.301	43	42415	21.962	ug/l	99
44) Trichloroethene	8.972	130	34804	20.545	ug/l	97
45) 1,2-Dichloropropane	9.246	63	36135	21.069	ug/l	98
46) Dibromomethane	9.337	93	18246	20.860	ug/l	99
47) Bromodichloromethane	9.526	83	50658	21.567	ug/l	98
48) Methyl methacrylate	9.319	41	21721	20.840	ug/l	93
49) 1,4-Dioxane	9.331	88	4203	464.071	ug/l	95
51) 4-Methyl-2-Pentanone	10.093	43	116099	113.036	ug/l	99
52) Toluene	10.270	92	84178	20.952	ug/l	99
53) t-1,3-Dichloropropene	10.490	75	44152	20.986	ug/l	94
54) cis-1,3-Dichloropropene	9.953	75	54017	21.379	ug/l	98
55) 1,1,2-Trichloroethane	10.673	97	28567	22.355	ug/l	98
56) Ethyl methacrylate	10.532	69	23364	21.586	ug/l	99
57) 1,3-Dichloropropane	10.819	76	46187	21.648	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.807	63	55081	92.669	ug/l	100
59) 2-Hexanone	10.855	43	91313	120.739	ug/l	100
60) Dibromochloromethane	11.008	129	32545	22.085	ug/l	99
61) 1,2-Dibromoethane	11.118	107	24072	21.682	ug/l	99
64) Tetrachloroethene	10.746	164	26976	20.592	ug/l	96
65) Chlorobenzene	11.544	112	91423	21.719	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.618	131	34844	21.776	ug/l	97
67) Ethyl Benzene	11.618	91	162146	21.396	ug/l	98
68) m/p-Xylenes	11.727	106	119425	42.933	ug/l	99
69) o-Xylene	12.057	106	56286	21.584	ug/l	98
70) Styrene	12.069	104	83625	22.033	ug/l	99
71) Bromoform	12.233	173	17771	22.560	ug/l #	98
73) Isopropylbenzene	12.355	105	158042	22.213	ug/l	100
74) N-amyl acetate	12.166	43	32882	23.003	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.605	83	32655	22.526	ug/l	99
76) 1,2,3-Trichloropropane	12.660	75	22798m	24.113	ug/l	
77) Bromobenzene	12.636	156	34107	21.773	ug/l	99
78) n-propylbenzene	12.697	91	189900	21.955	ug/l	99
79) 2-Chlorotoluene	12.782	91	102482	21.367	ug/l	99
80) 1,3,5-Trimethylbenzene	12.837	105	125294	22.267	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.404	75	8999	21.613	ug/l	98
82) 4-Chlorotoluene	12.880	91	109129	22.271	ug/l	99
83) tert-Butylbenzene	13.099	119	110082	22.211	ug/l	97
84) 1,2,4-Trimethylbenzene	13.148	105	123012	22.199	ug/l	99
85) sec-Butylbenzene	13.276	105	164503	22.401	ug/l	100
86) p-Isopropyltoluene	13.392	119	133543	22.034	ug/l	99
87) 1,3-Dichlorobenzene	13.392	146	66327	21.590	ug/l	99
88) 1,4-Dichlorobenzene	13.471	146	65395	21.763	ug/l	97
89) n-Butylbenzene	13.721	91	128712	22.088	ug/l	99
90) Hexachloroethane	13.989	117	28388	21.798	ug/l	100
91) 1,2-Dichlorobenzene	13.764	146	58541	22.050	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.385	75	4047	22.262	ug/l	95
93) 1,2,4-Trichlorobenzene	15.032	180	29876	22.661	ug/l	97
94) Hexachlorobutadiene	15.135	225	18201	22.038	ug/l	98
95) Naphthalene	15.263	128	52551	23.542	ug/l	99
96) 1,2,3-Trichlorobenzene	15.452	180	24602	21.977	ug/l	98

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VY0118SBSD01

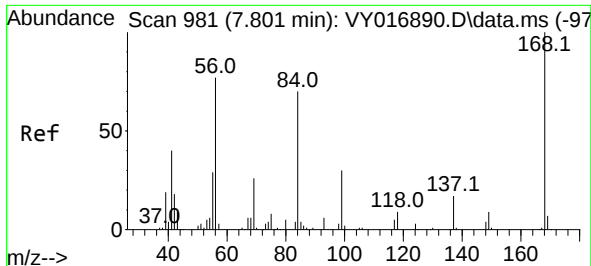
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 01/19/2024

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Response via : Initial Calibration

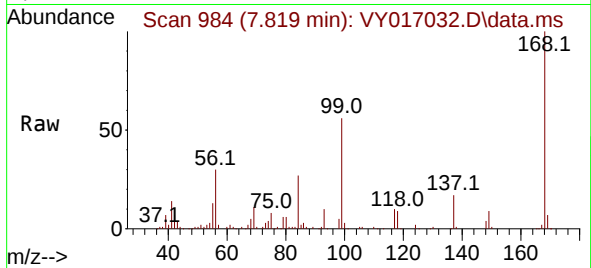
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
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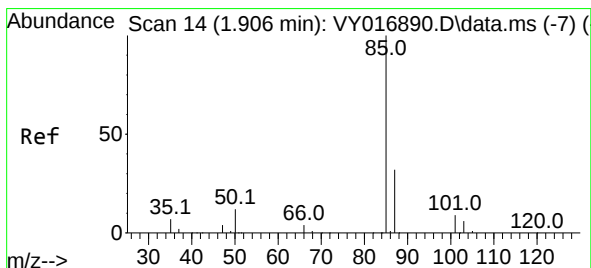
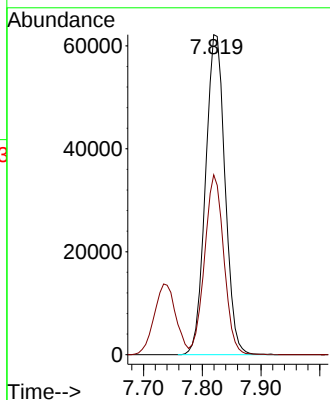
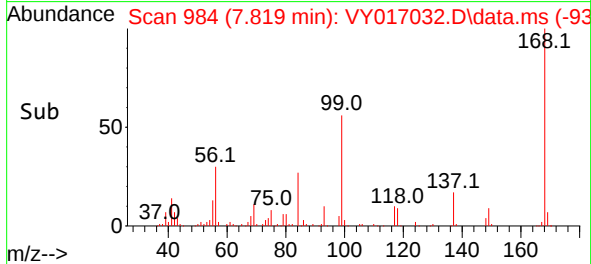
Instrument :
MSVOA_Y
ClientSampleId :
VY0118SBS01



Tgt Ion:168 Resp: 143389
Ion Ratio Lower Upper
168 100
99 56.2 44.2 66.4

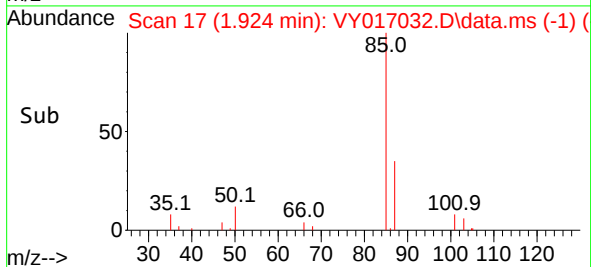
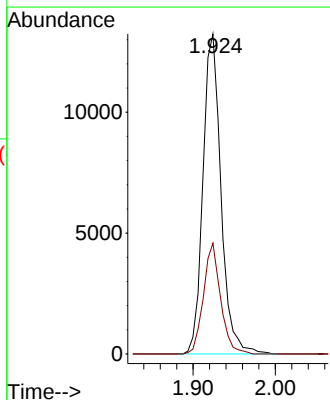
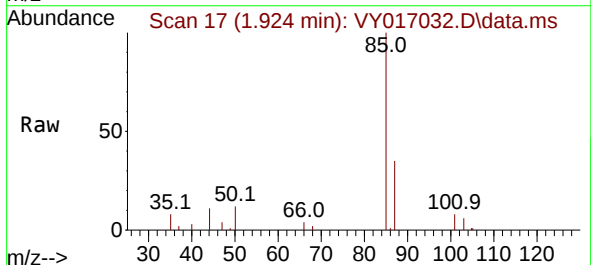
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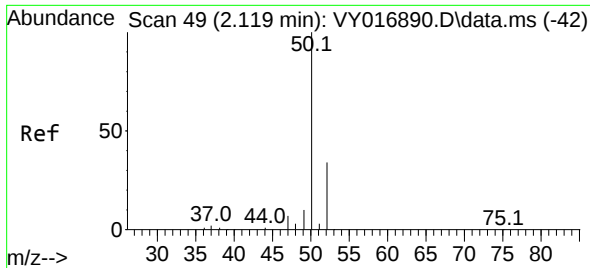
Reviewed By :Mahesh Dadoda 01/19/2024
Supervised By :Semsettin Yesilyurt 01/19/2024



#2
Dichlorodifluoromethane
Concen: 16.667 ug/l
RT: 1.924 min Scan# 17
Delta R.T. 0.012 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

Tgt Ion: 85 Resp: 20186
Ion Ratio Lower Upper
85 100
87 34.6 17.1 51.3





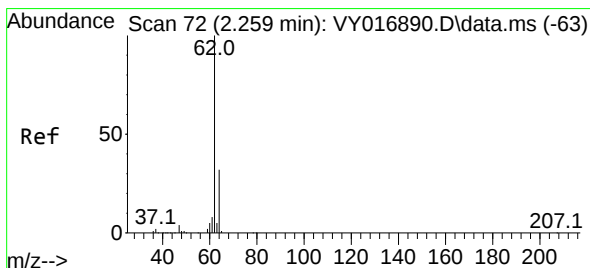
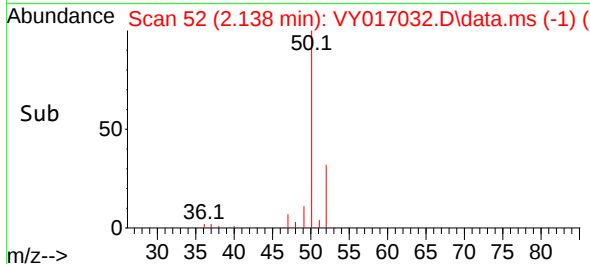
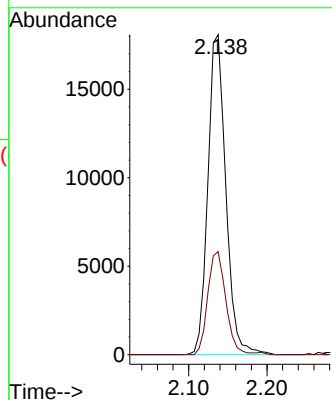
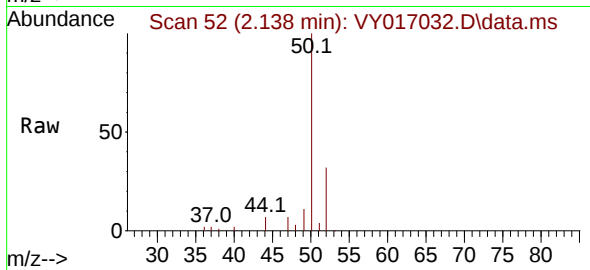
#3
Chloromethane
Concen: 17.072 ug/l
RT: 2.138 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

Instrument :
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ClientSampleId :
VY0118SBS01

Tgt Ion: 50 Resp: 2875
Ion Ratio Lower Upper
50 100
52 32.2 26.7 40.1

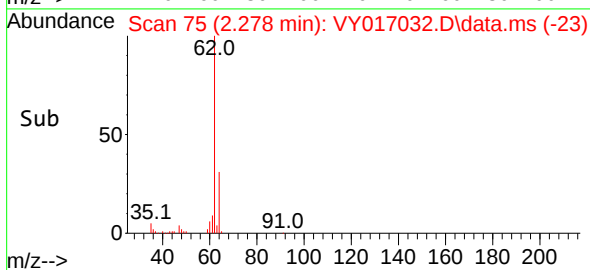
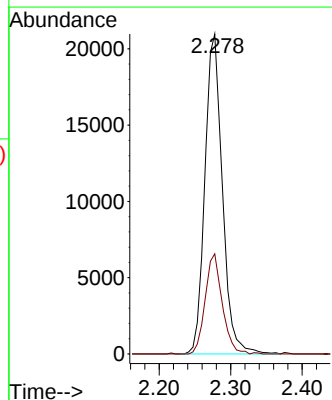
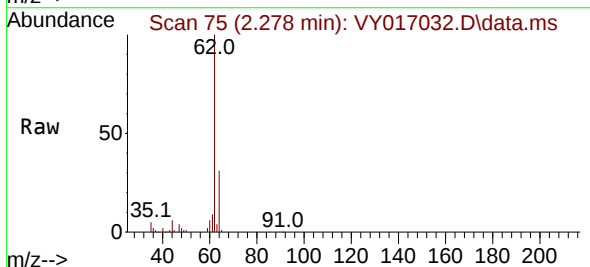
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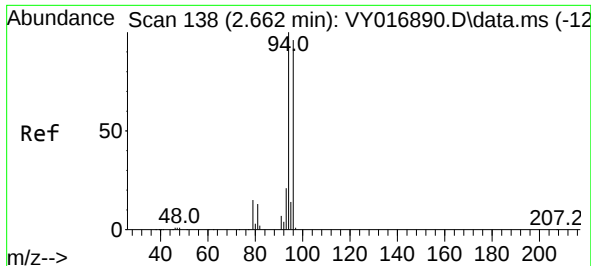
Reviewed By :Mahesh Dadoda 01/19/2024
Supervised By :Semsettin Yesilyurt 01/19/2024



#4
Vinyl Chloride
Concen: 17.938 ug/l
RT: 2.278 min Scan# 75
Delta R.T. 0.019 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

Tgt Ion: 62 Resp: 35640
Ion Ratio Lower Upper
62 100
64 31.3 25.7 38.5





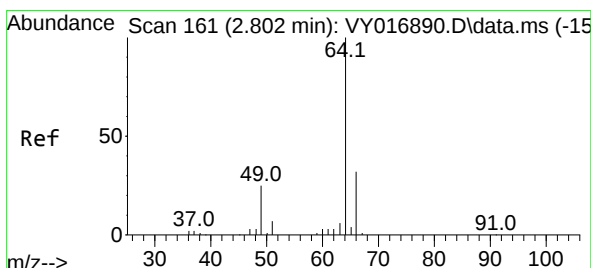
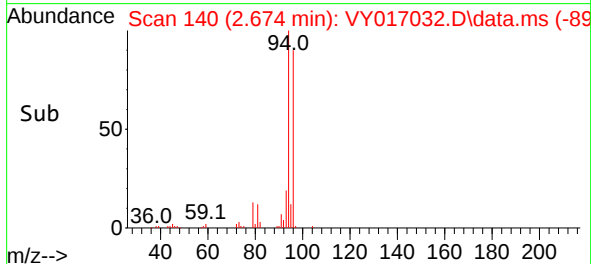
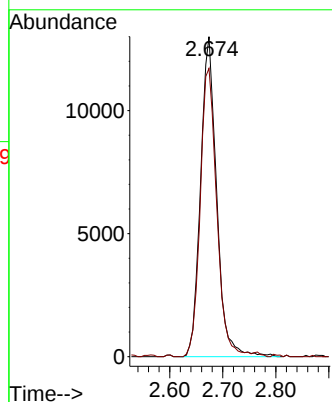
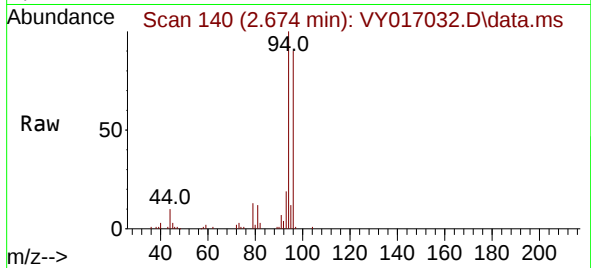
#5
Bromomethane
Concen: 19.279 ug/l
RT: 2.674 min Scan# 14
Delta R.T. 0.012 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion: 94 Resp: 2744
Ion Ratio Lower Upper
94 100
96 90.1 77.3 115.9

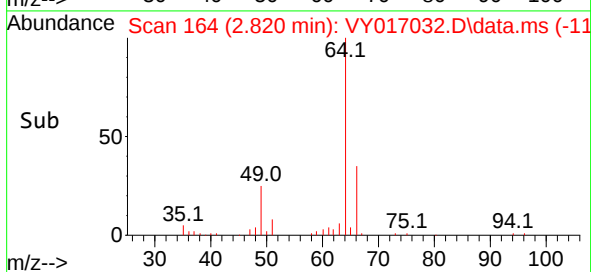
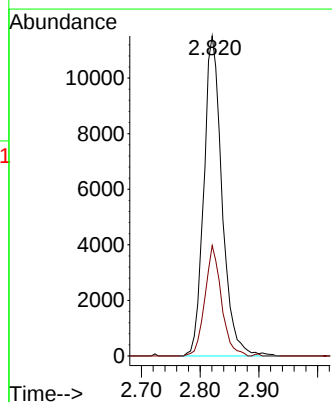
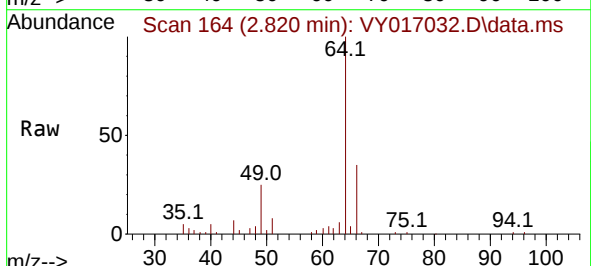
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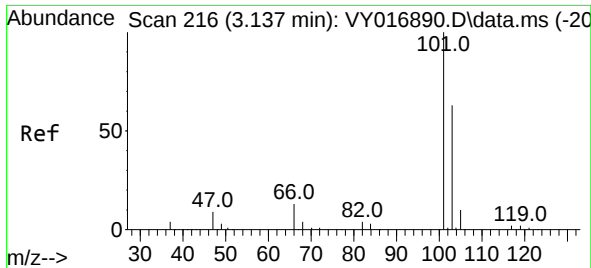
Reviewed By :Mahesh Dadoda 01/19/2024
Supervised By :Semsettin Yesilyurt 01/19/2024



#6
Chloroethane
Concen: 18.466 ug/l
RT: 2.820 min Scan# 164
Delta R.T. 0.012 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

Tgt Ion: 64 Resp: 24818
Ion Ratio Lower Upper
64 100
66 34.5 25.1 37.7





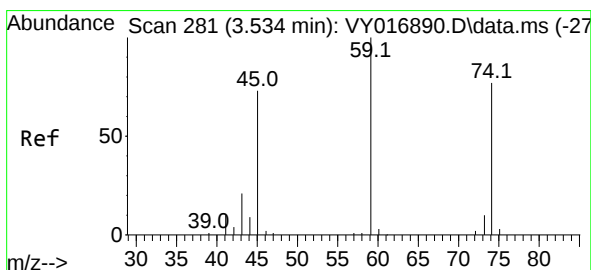
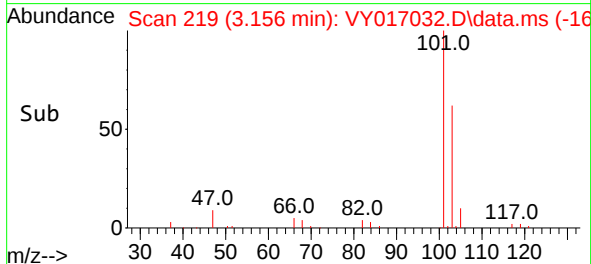
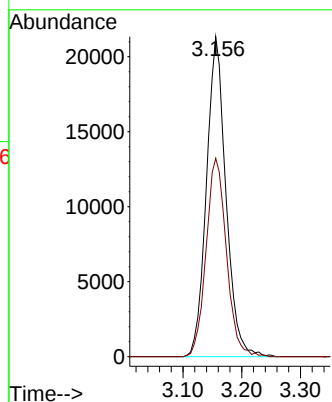
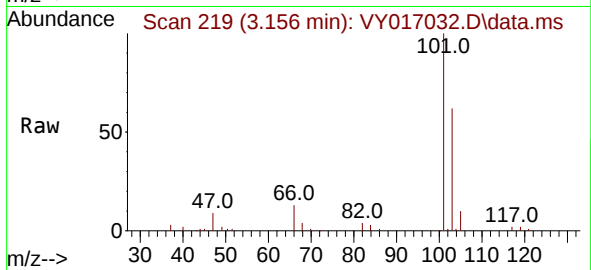
#7
Trichlorofluoromethane
Concen: 20.068 ug/l
RT: 3.156 min Scan# 216
Delta R.T. 0.019 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0118SBS01

Tgt Ion:101 Resp: 49129
Ion Ratio Lower Upper
101 100
103 62.0 51.9 77.9

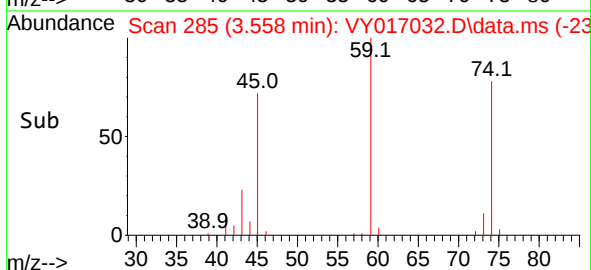
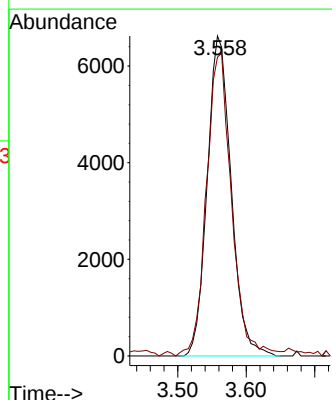
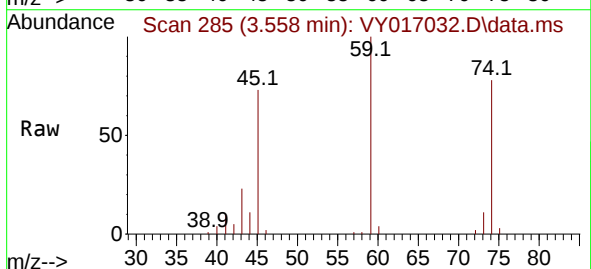
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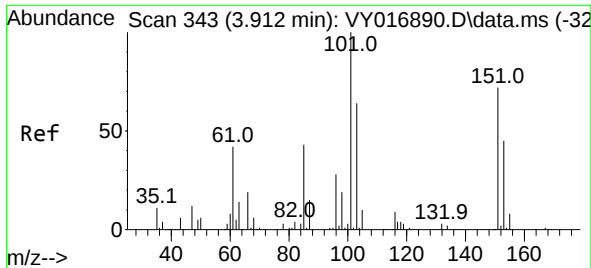
Reviewed By :Mahesh Dadoda 01/19/2024
Supervised By :Semsettin Yesilyurt 01/19/2024



#8
Diethyl Ether
Concen: 20.542 ug/l
RT: 3.558 min Scan# 285
Delta R.T. 0.018 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

Tgt Ion: 74 Resp: 16071
Ion Ratio Lower Upper
74 100
45 99.1 47.9 143.7





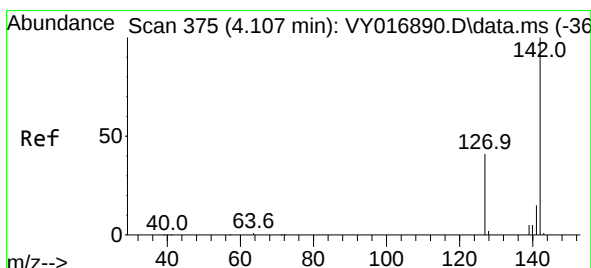
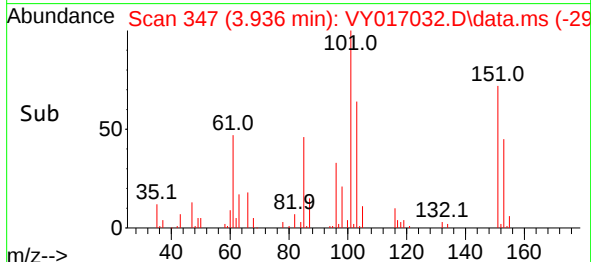
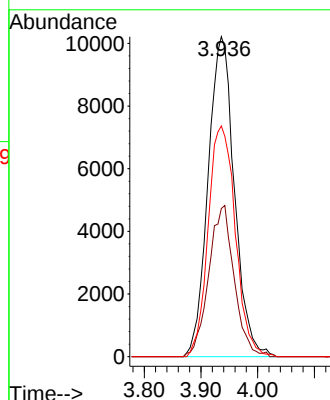
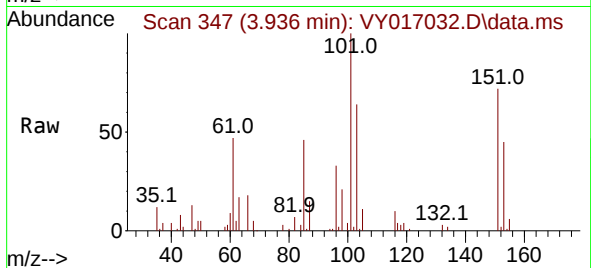
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.675 ug/l
RT: 3.936 min Scan# 343
Delta R.T. 0.025 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0118SBS01

Tgt Ion:101 Resp: 32910
Ion Ratio Lower Upper
101 100
85 45.6 35.8 53.6
151 74.4 58.6 88.0

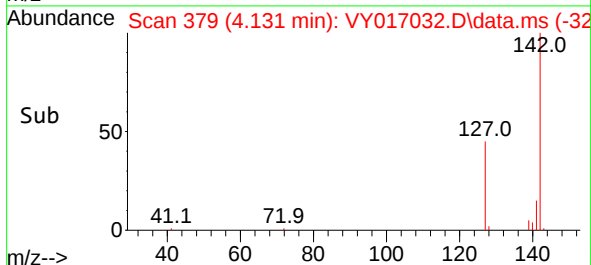
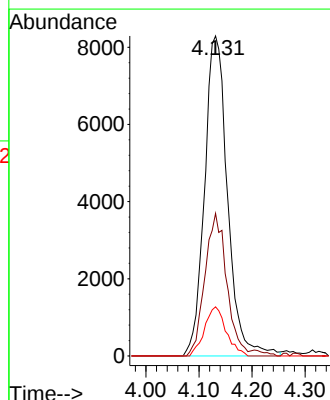
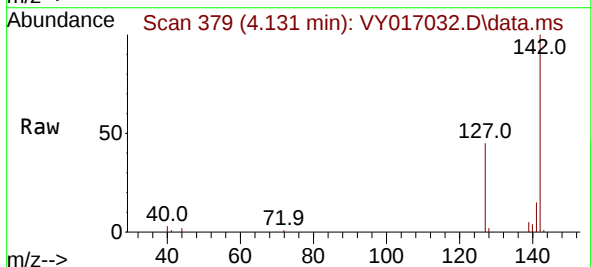
Manual Integrations
APPROVED

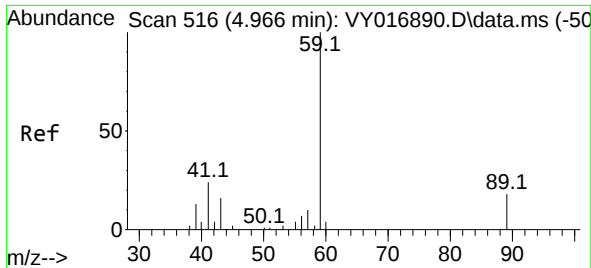
Reviewed By :Mahesh Dadoda 01/19/2024
Supervised By :Semsettin Yesilyurt 01/19/2024



#10
Methyl Iodide
Concen: 18.456 ug/l
RT: 4.131 min Scan# 379
Delta R.T. 0.025 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

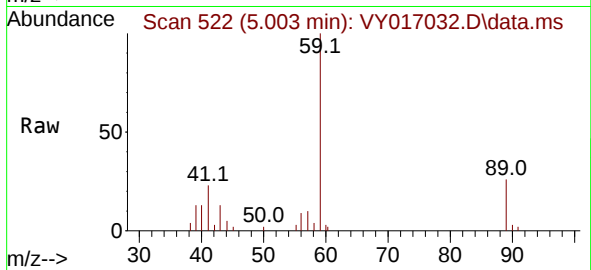
Tgt Ion:142 Resp: 24993
Ion Ratio Lower Upper
142 100
127 42.1 35.1 52.7
141 14.4 11.8 17.6





#11
Tert butyl alcohol
Concen: 120.013 ug/l
RT: 5.003 min Scan# 516
Delta R.T. 0.037 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

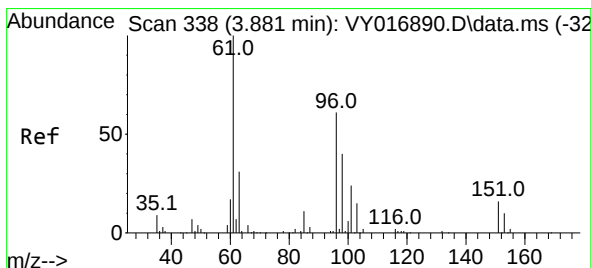
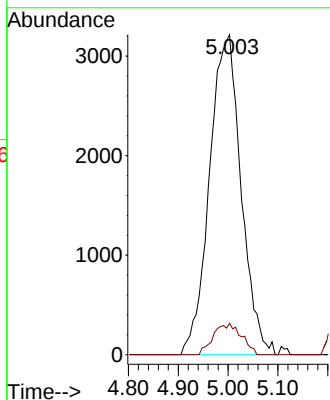
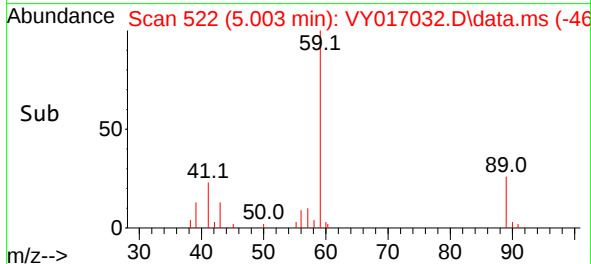
Instrument :
MSVOA_Y
ClientSampleId :
VY0118SBS01



Tgt Ion: 59 Resp: 1415
Ion Ratio Lower Upper
59 100
57 4.4 7.4 11.0

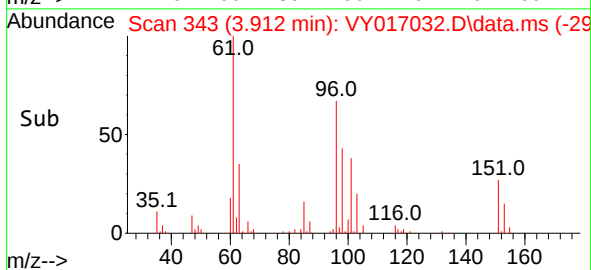
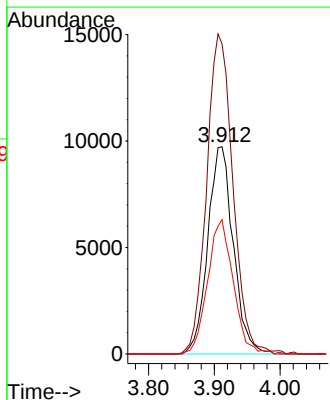
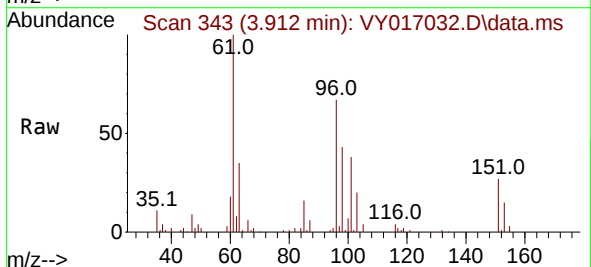
Manual Integrations
APPROVED

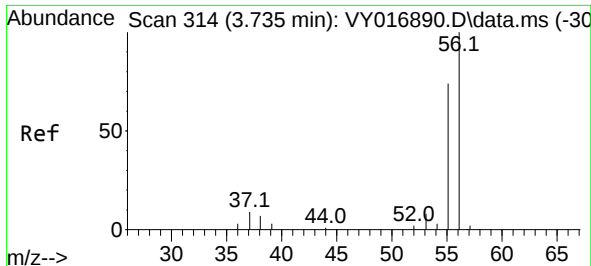
Reviewed By :Mahesh Dadoda 01/19/2024
Supervised By :Semsettin Yesilyurt 01/19/2024



#12
1,1-Dichloroethene
Concen: 19.210 ug/l
RT: 3.912 min Scan# 343
Delta R.T. 0.025 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

Tgt Ion: 96 Resp: 26236
Ion Ratio Lower Upper
96 100
61 149.7 124.2 186.2
98 64.8 52.6 79.0





#13

Acrolein

Concen: 93.432 ug/l

RT: 3.765 min Scan# 314

Delta R.T. 0.024 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0118SBS01

Tgt Ion: 56 Resp: 1520

Ion Ratio Lower Upper

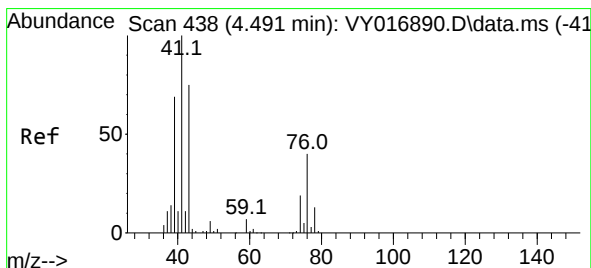
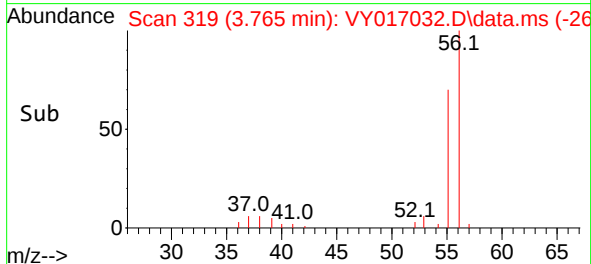
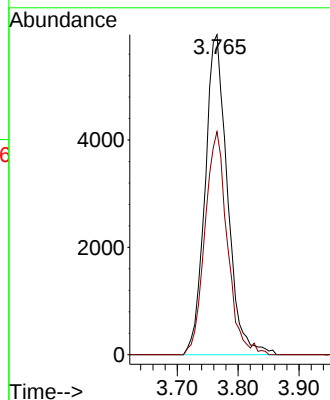
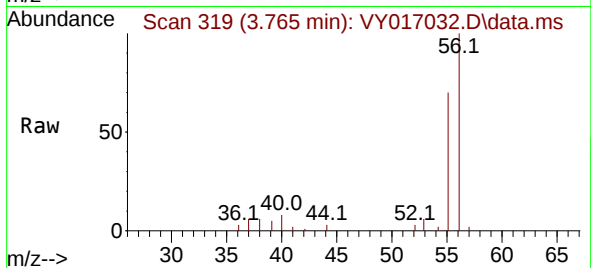
56 100

55 69.9 55.4 83.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/19/2024
Supervised By :Semsettin Yesilyurt 01/19/2024



#14

Allyl chloride

Concen: 19.106 ug/l

RT: 4.515 min Scan# 442

Delta R.T. 0.018 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

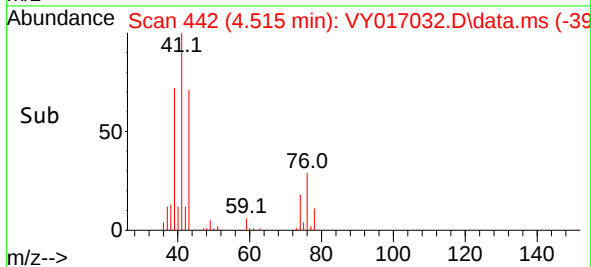
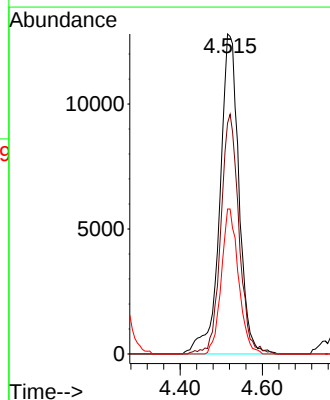
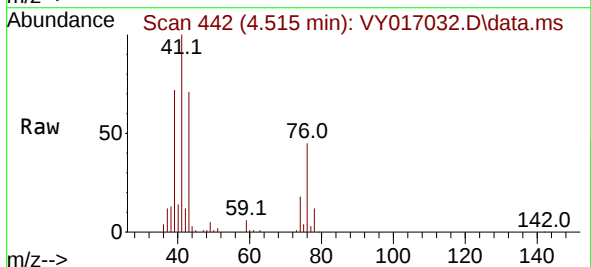
Tgt Ion: 41 Resp: 41250

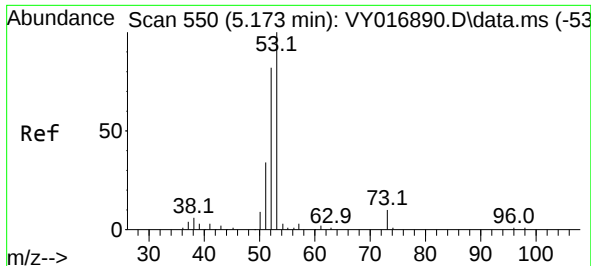
Ion Ratio Lower Upper

41 100

39 71.4 54.7 82.1

76 40.7 31.8 47.6





#15

Acrylonitrile

Concen: 109.481 ug/l

RT: 5.204 min Scan# 51

Delta R.T. 0.025 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Instrument :

MSVOA_Y

ClientSampleId :

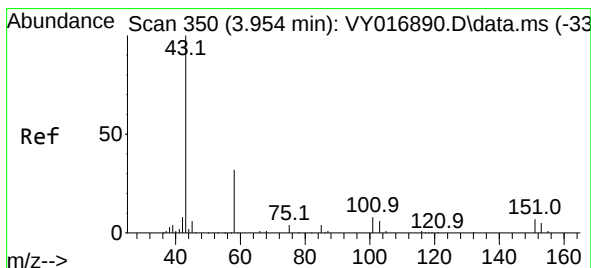
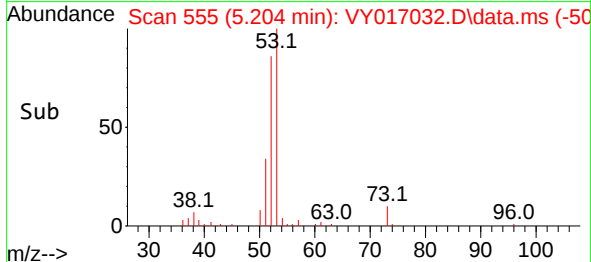
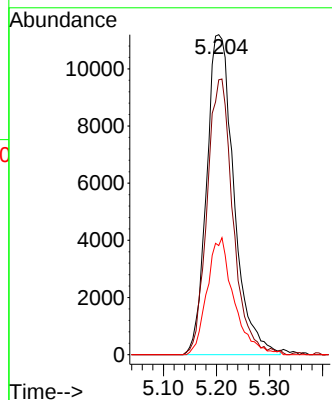
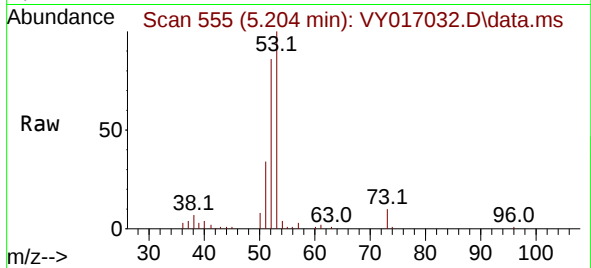
VY0118SBSD01

Tgt Ion: 53	Resp: 40064
Ion Ratio	Lower Upper
53	100
52	81.6 65.1 97.7
51	36.0 29.0 43.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/19/2024
Supervised By :Semsettin Yesilyurt 01/19/2024



#16

Acetone

Concen: 134.816 ug/l

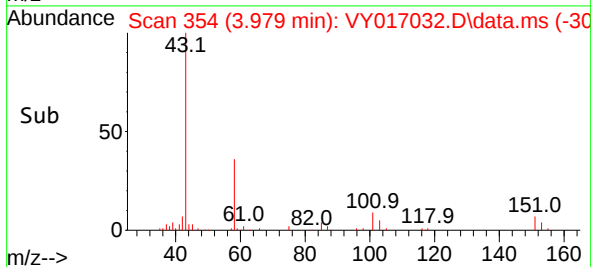
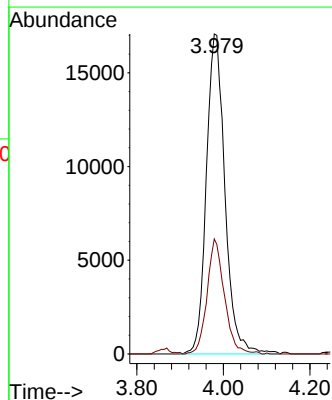
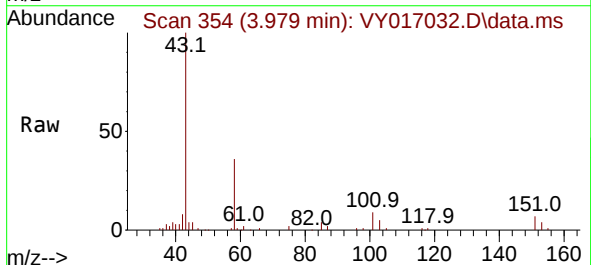
RT: 3.979 min Scan# 354

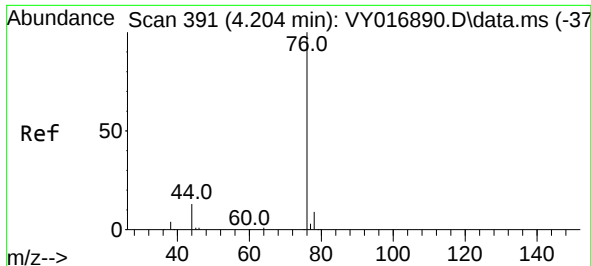
Delta R.T. 0.019 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Tgt Ion: 43	Resp: 50974
Ion Ratio	Lower Upper
43	100
58	36.0 26.6 39.8





#17

Carbon Disulfide

Concen: 14.743 ug/l

RT: 4.235 min Scan# 391

Delta R.T. 0.025 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0118SBS01

Tgt Ion: 76 Resp: 4811

Ion Ratio Lower Upper

76 100

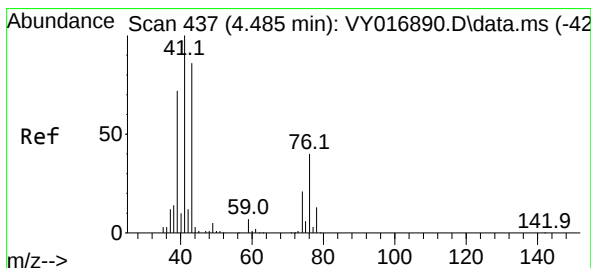
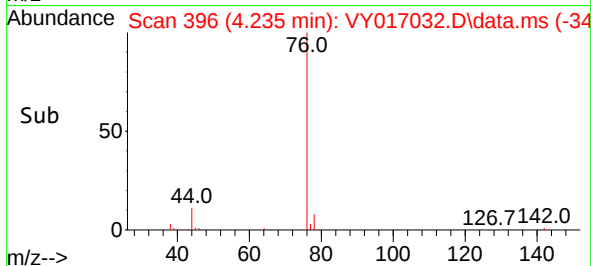
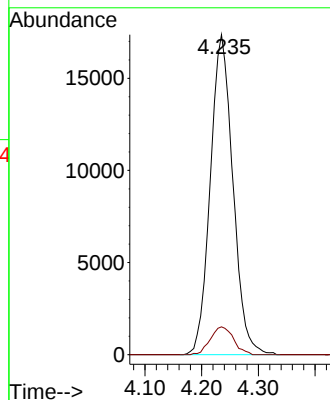
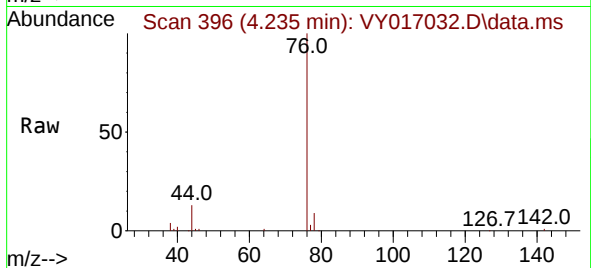
78 8.7 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/19/2024

Supervised By :Semsettin Yesilyurt 01/19/2024



#18

Methyl Acetate

Concen: 19.064 ug/l

RT: 4.521 min Scan# 443

Delta R.T. 0.024 min

Lab File: VY017032.D

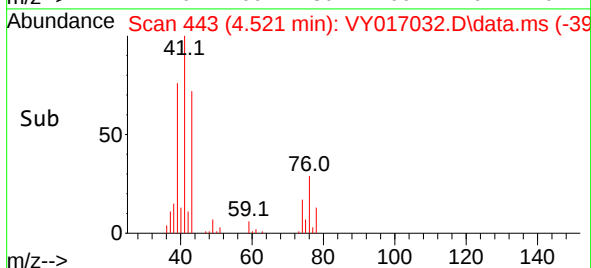
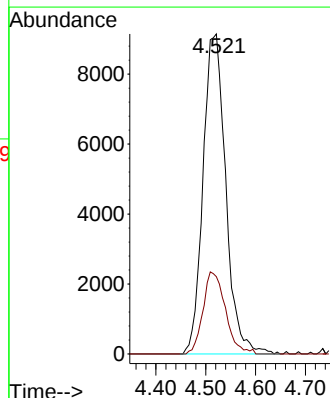
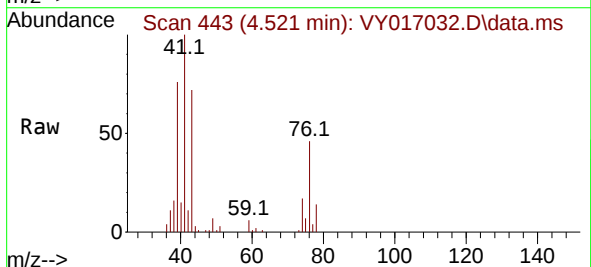
Acq: 18 Jan 2024 11:59

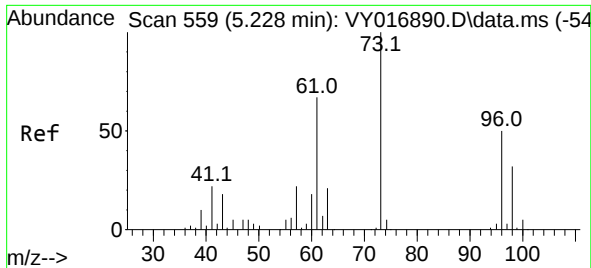
Tgt Ion: 43 Resp: 28946

Ion Ratio Lower Upper

43 100

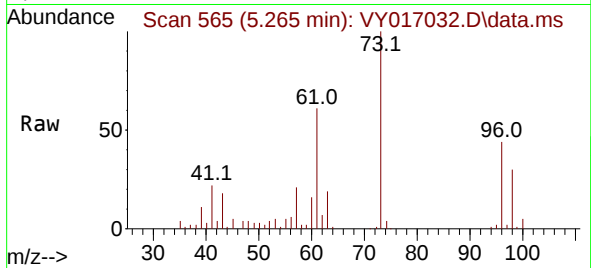
74 25.3 19.8 29.6





#19
Methyl tert-butyl Ether
Concen: 22.015 ug/l
RT: 5.265 min Scan# 50
Delta R.T. 0.031 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

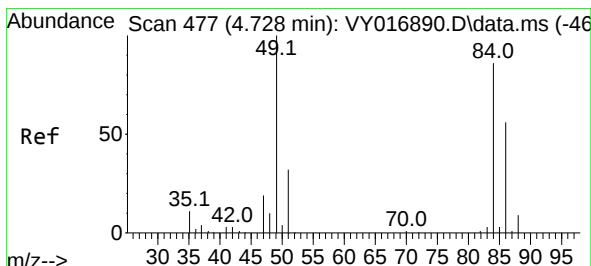
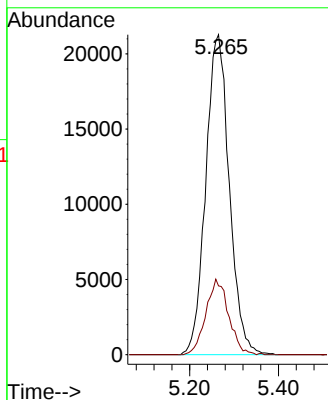
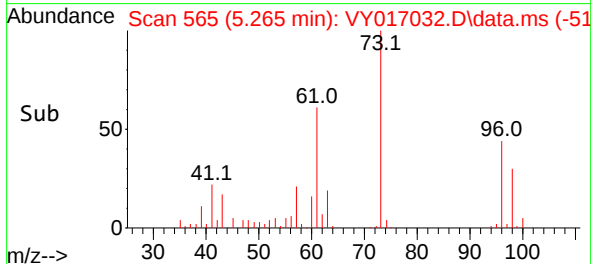
Instrument :
MSVOA_Y
ClientSampleId :
VY0118SBSD01



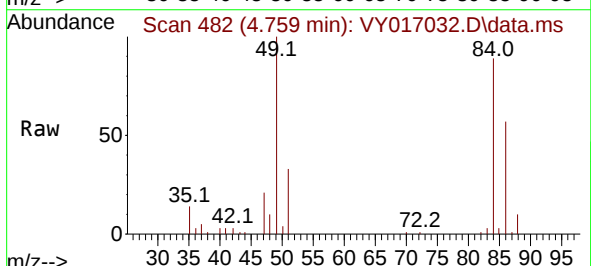
Tgt Ion: 73 Resp: 7822
Ion Ratio Lower Upper
73 100
57 21.5 17.7 26.5

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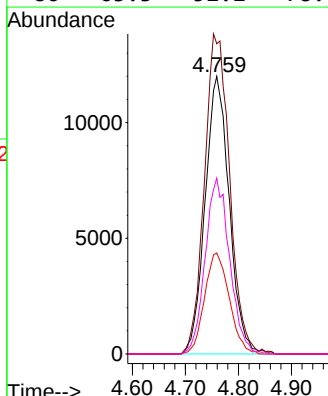
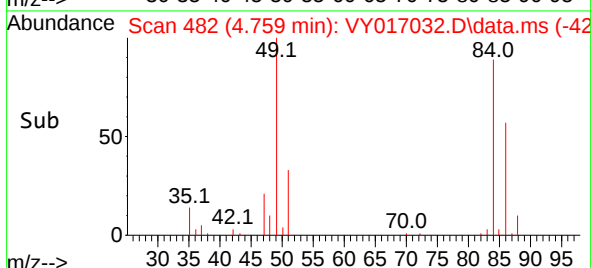
Reviewed By :Mahesh Dadoda 01/19/2024
Supervised By :Semsettin Yesilyurt 01/19/2024

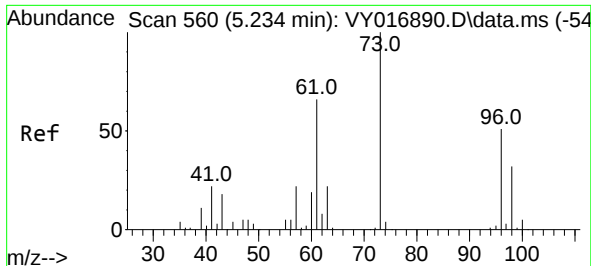


#20
Methylene Chloride
Concen: 15.432 ug/l
RT: 4.759 min Scan# 482
Delta R.T. 0.025 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59



Tgt Ion: 84 Resp: 38046
Ion Ratio Lower Upper
84 100
49 111.8 95.2 142.8
51 36.4 29.9 44.9
86 63.3 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 19.004 ug/l

RT: 5.265 min Scan# 50

Delta R.T. 0.025 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0118SBS01

Tgt Ion: 96 Resp: 2972

Ion Ratio Lower Upper

96 100

61 139.8 104.6 156.8

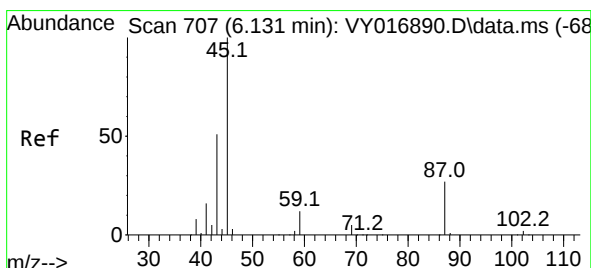
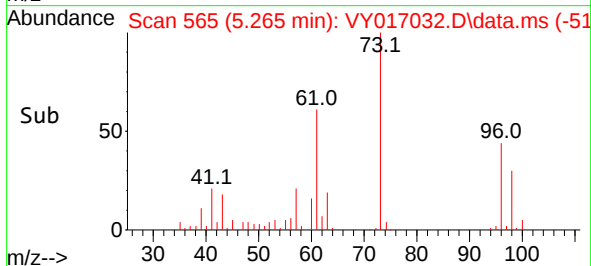
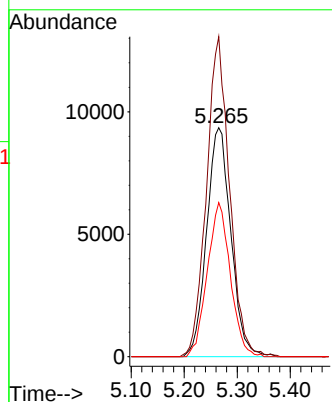
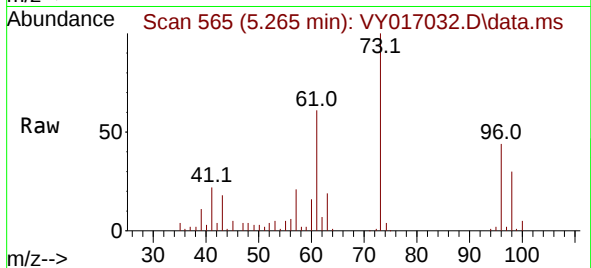
98 67.3 50.9 76.3

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/19/2024

Supervised By :Semsettin Yesilyurt 01/19/2024



#22

Diisopropyl ether

Concen: 21.610 ug/l

RT: 6.155 min Scan# 711

Delta R.T. 0.024 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Tgt Ion: 45 Resp: 107866

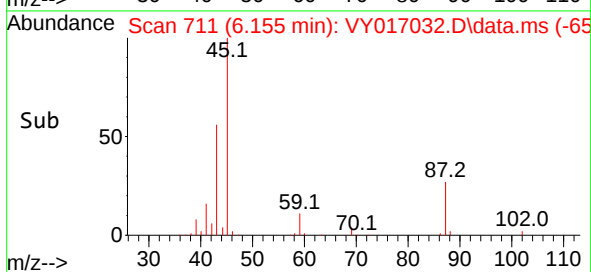
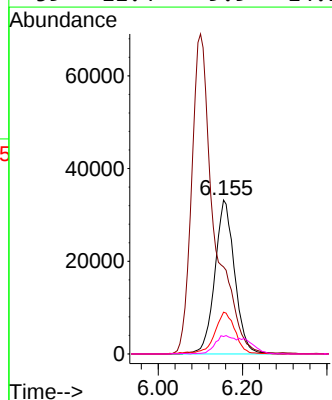
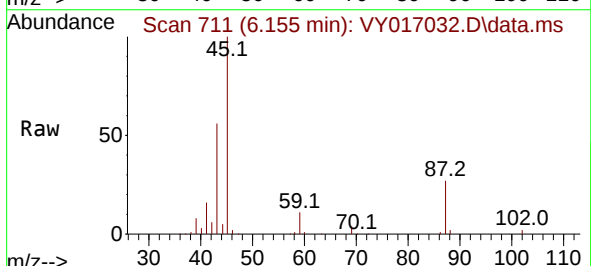
Ion Ratio Lower Upper

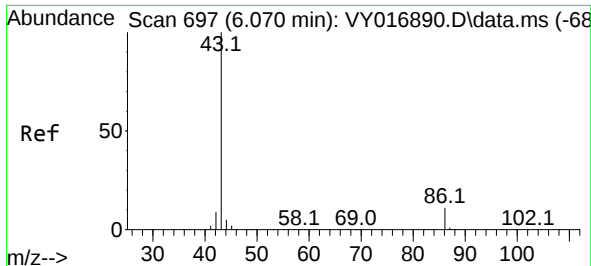
45 100

43 55.8 46.8 70.2

87 27.1 22.2 33.2

59 11.4 9.9 14.9





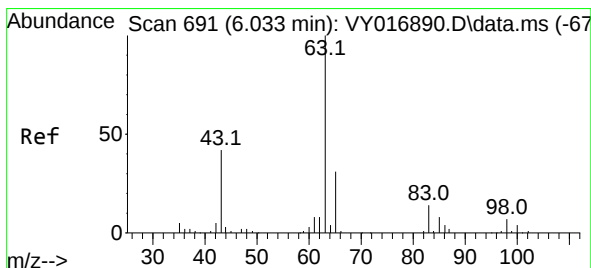
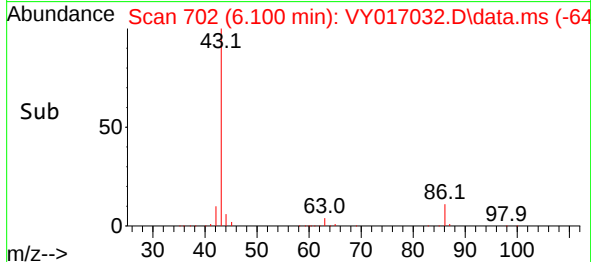
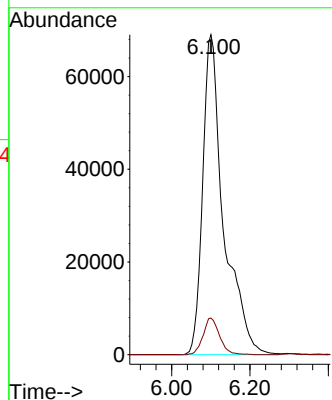
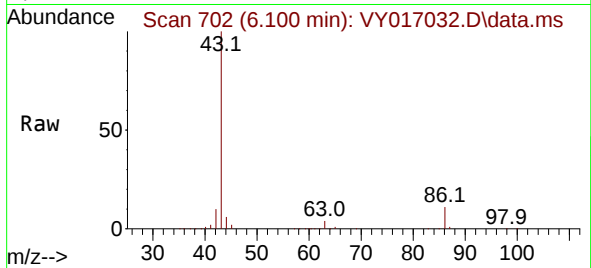
#23
 Vinyl Acetate
 Concen: 112.242 ug/l
 RT: 6.100 min Scan# 702
 Delta R.T. 0.024 min
 Lab File: VY017032.D
 Acq: 18 Jan 2024 11:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0118SBS01

Tgt Ion: 43 Resp: 25689
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.6 13.0

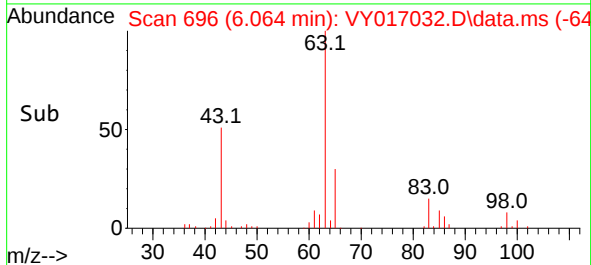
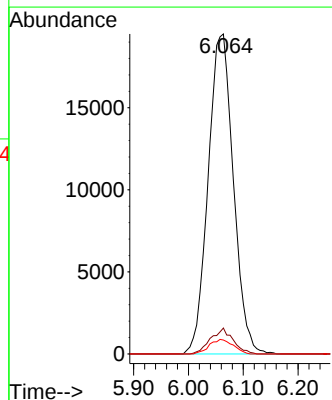
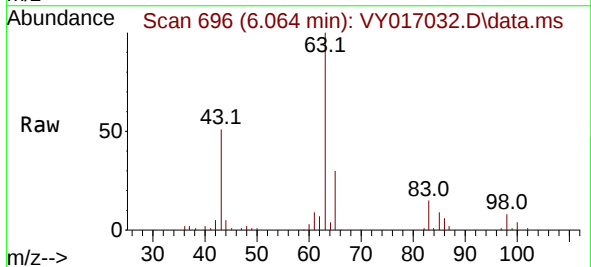
Manual Integrations
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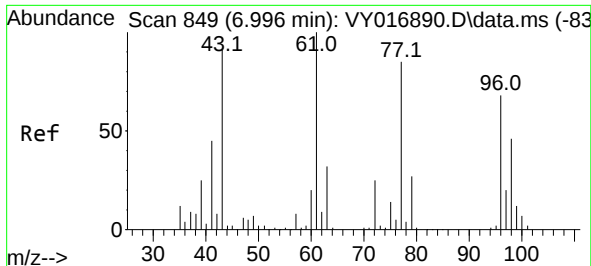
Reviewed By :Mahesh Dadoda 01/19/2024
 Supervised By :Semsettin Yesilyurt 01/19/2024



#24
 1,1-Dichloroethane
 Concen: 20.771 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.031 min
 Lab File: VY017032.D
 Acq: 18 Jan 2024 11:59

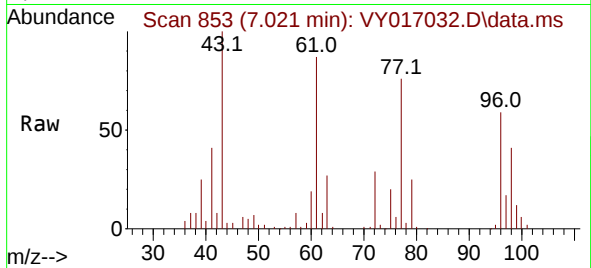
Tgt Ion: 63 Resp: 62303
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.8 11.4
 100 4.3 2.1 6.2





#25
2-Butanone
Concen: 125.953 ug/l
RT: 7.021 min Scan# 853
Delta R.T. 0.025 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

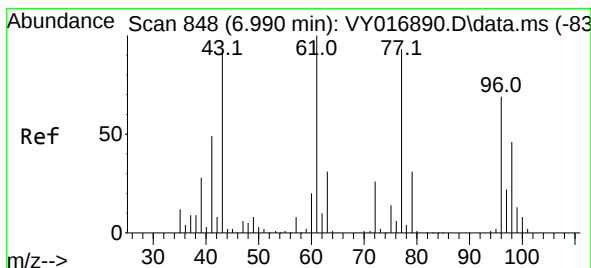
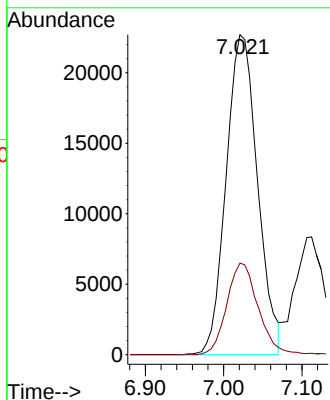
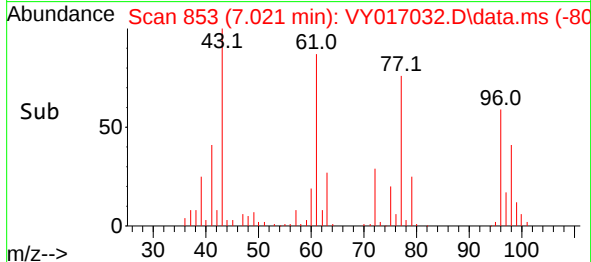
Instrument :
MSVOA_Y
ClientSampleId :
VY0118SBS01



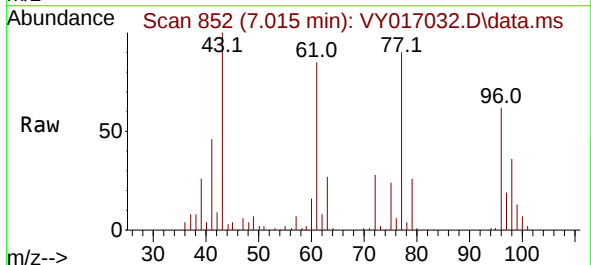
Tgt Ion: 43 Resp: 6324
Ion Ratio Lower Upper
43 100
72 28.6 21.4 32.2

Manual Integrations
APPROVED

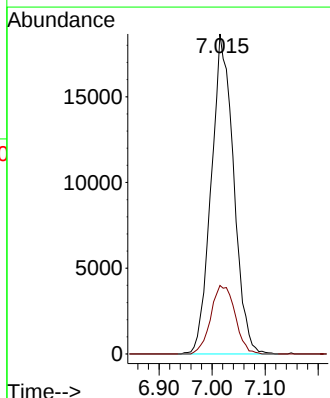
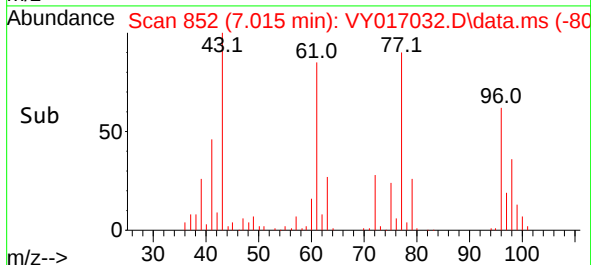
Reviewed By :Mahesh Dadoda 01/19/2024
Supervised By :Semsettin Yesilyurt 01/19/2024

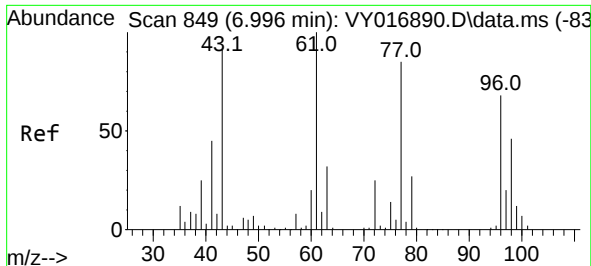


#26
2,2-Dichloropropane
Concen: 21.033 ug/l
RT: 7.015 min Scan# 852
Delta R.T. 0.019 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59



Tgt Ion: 77 Resp: 54703
Ion Ratio Lower Upper
77 100
97 23.2 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 20.758 ug/l

RT: 7.027 min Scan# 81

Delta R.T. 0.025 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0118SBS01

Tgt Ion: 96 Resp: 3806

Ion Ratio Lower Upper

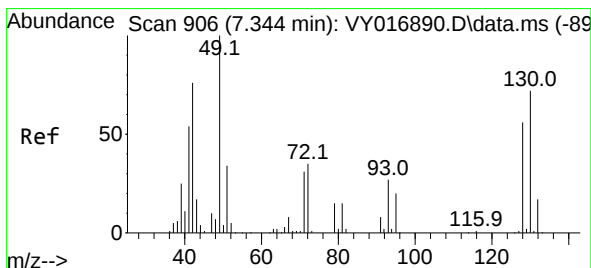
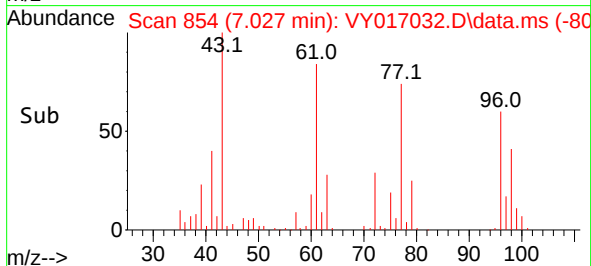
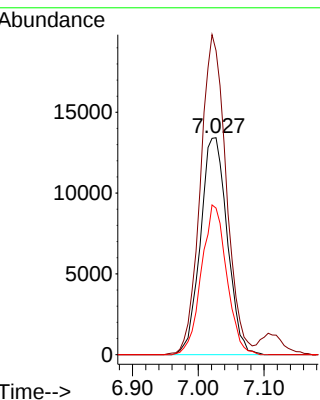
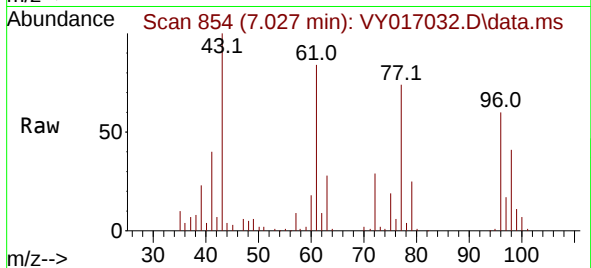
96 100

61 142.1 0.0 278.8

98 65.1 0.0 127.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/19/2024
Supervised By :Semsettin Yesilyurt 01/19/2024

#28

Bromochloromethane

Concen: 20.538 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.018 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

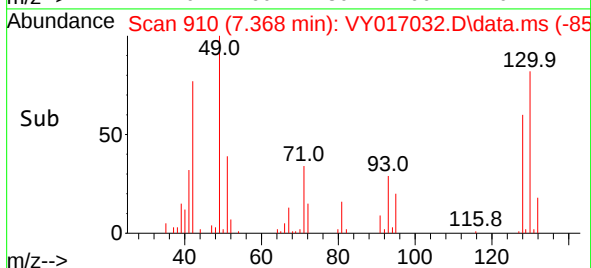
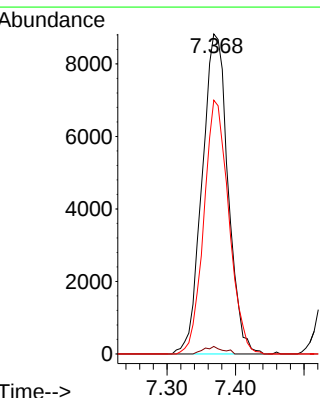
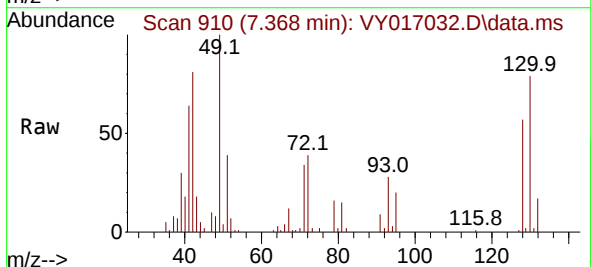
Tgt Ion: 49 Resp: 23128

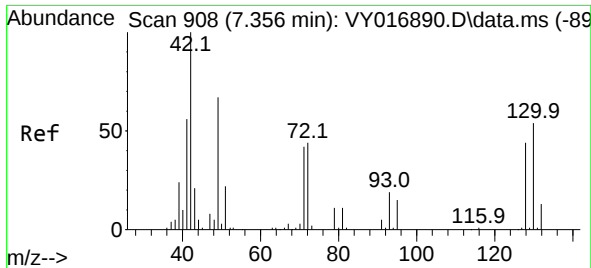
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.8

130 76.6 59.8 89.8





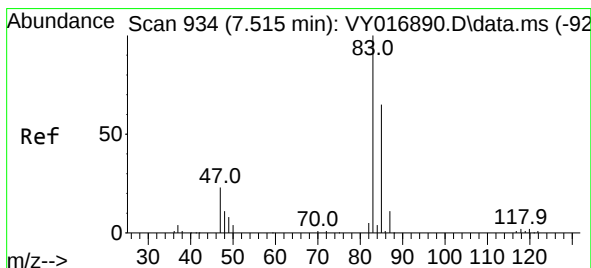
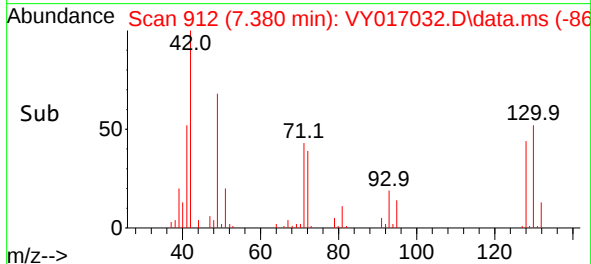
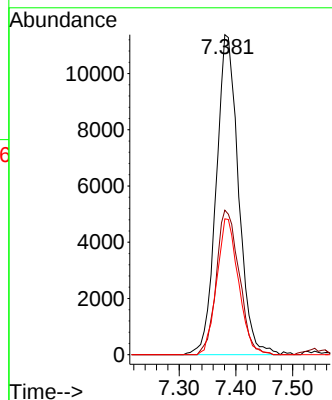
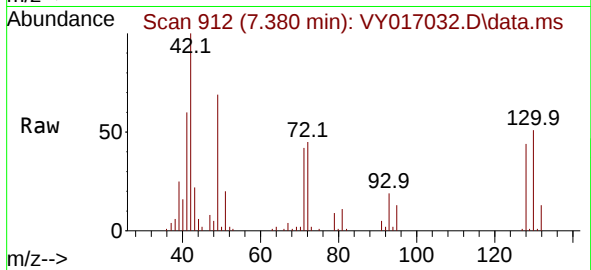
#29
Tetrahydrofuran
Concen: 108.260 ug/l
RT: 7.380 min Scan# 912
Delta R.T. 0.018 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0118SBS01

Tgt Ion: 42 Resp: 3105
Ion Ratio Lower Upper
42 100
72 46.3 36.6 54.8
71 41.7 33.8 50.6

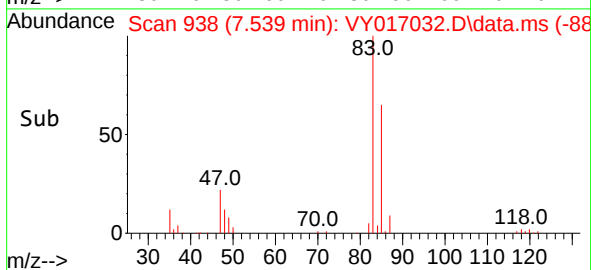
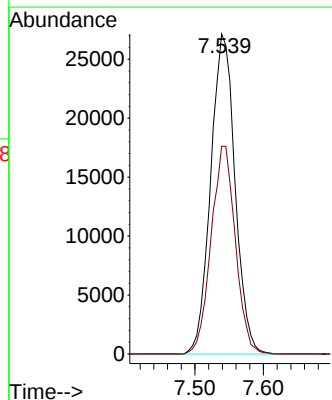
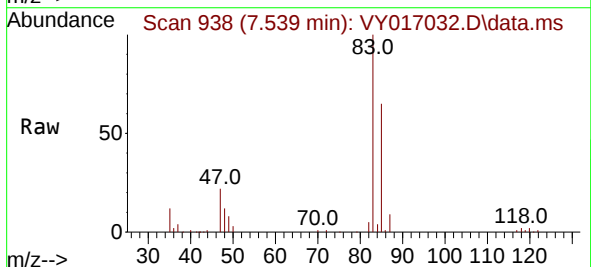
Manual Integrations
APPROVED

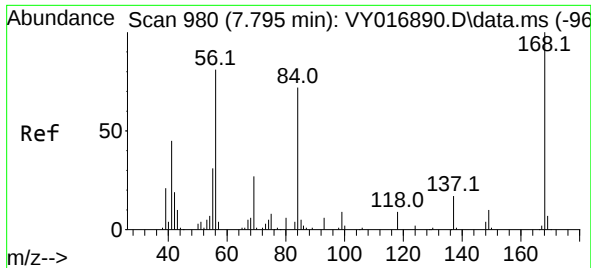
Reviewed By :Mahesh Dadoda 01/19/2024
Supervised By :Semsettin Yesilyurt 01/19/2024



#30
Chloroform
Concen: 21.659 ug/l
RT: 7.539 min Scan# 938
Delta R.T. 0.018 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

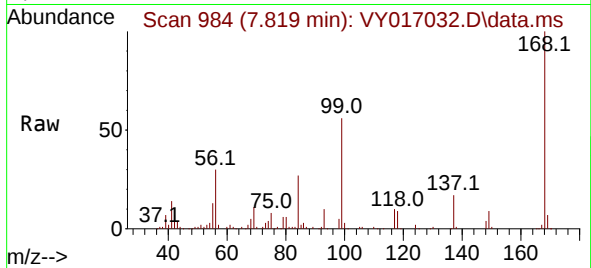
Tgt Ion: 83 Resp: 66950
Ion Ratio Lower Upper
83 100
85 64.9 51.2 76.8





#31
Cyclohexane
Concen: 18.514 ug/l
RT: 7.819 min Scan# 980
Delta R.T. 0.018 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

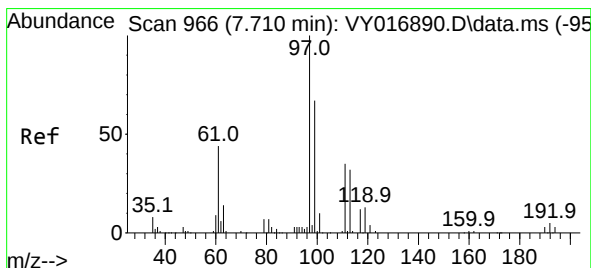
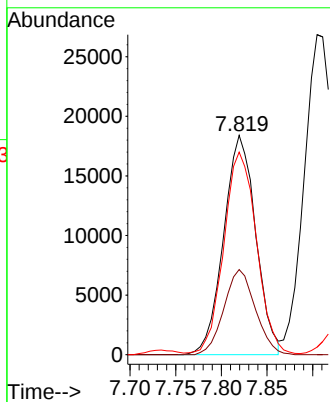
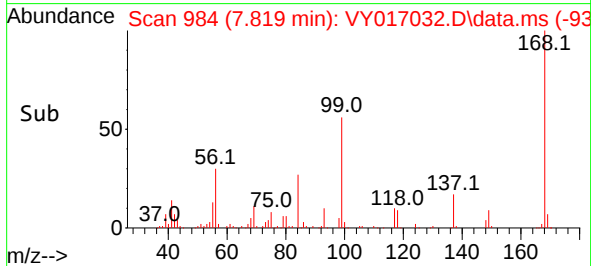
Instrument :
MSVOA_Y
ClientSampleId :
VY0118SBS01



Tgt Ion: 56 Resp: 45032
Ion Ratio Lower Upper
56 100
69 38.8 27.0 40.6
84 91.2 71.8 107.6

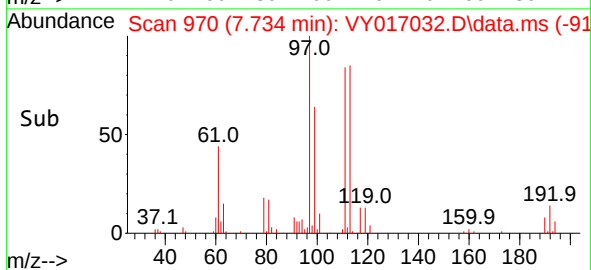
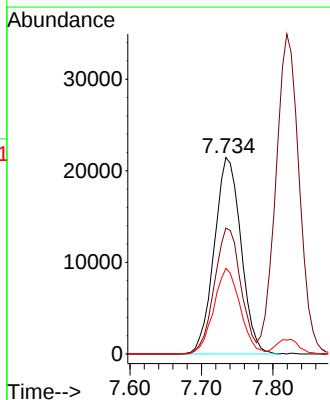
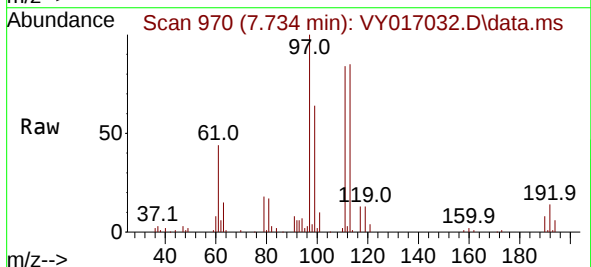
Manual Integrations
APPROVED

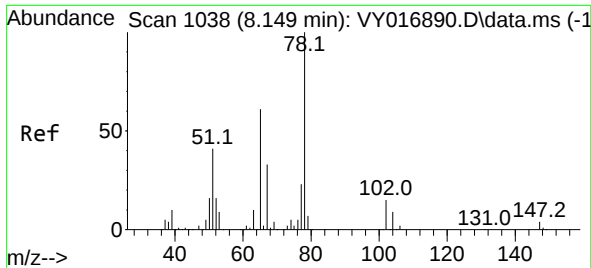
Reviewed By :Mahesh Dadoda 01/19/2024
Supervised By :Semsettin Yesilyurt 01/19/2024



#32
1,1,1-Trichloroethane
Concen: 21.250 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.018 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

Tgt Ion: 97 Resp: 55696
Ion Ratio Lower Upper
97 100
99 63.5 51.2 76.8
61 43.1 35.0 52.6





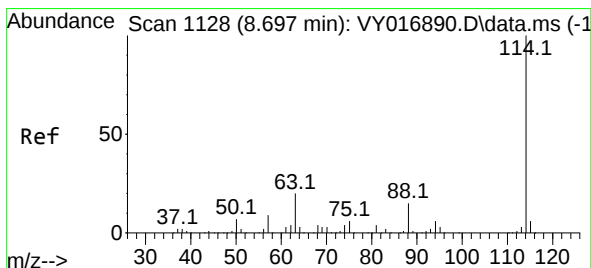
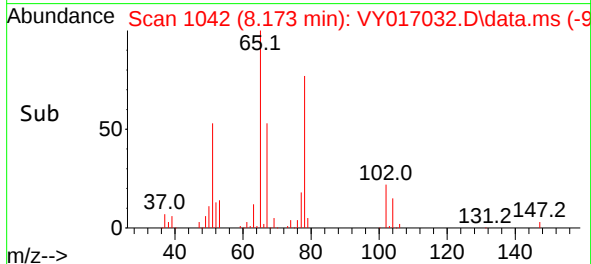
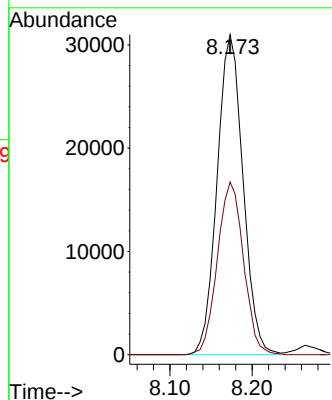
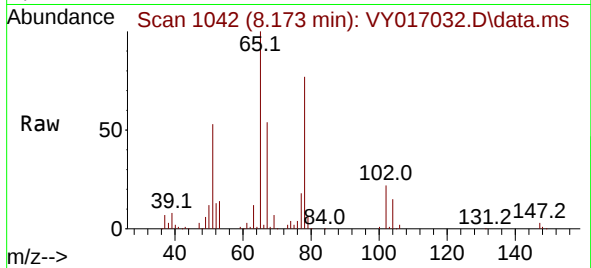
#33
 1,2-Dichloroethane-d4
 Concen: 48.003 ug/l
 RT: 8.173 min Scan# 1103
 Delta R.T. 0.018 min
 Lab File: VY017032.D
 Acq: 18 Jan 2024 11:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0118SBSD01

Tgt Ion: 65 Resp: 68030
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 109.0

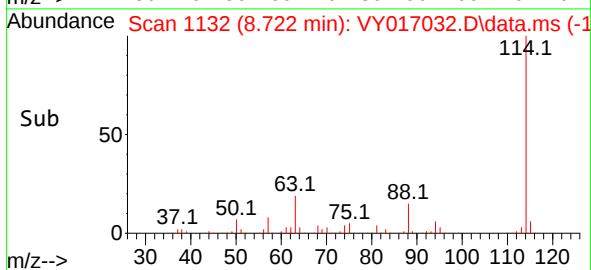
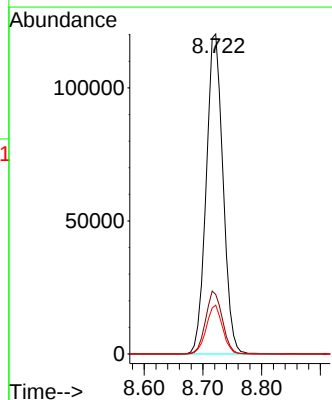
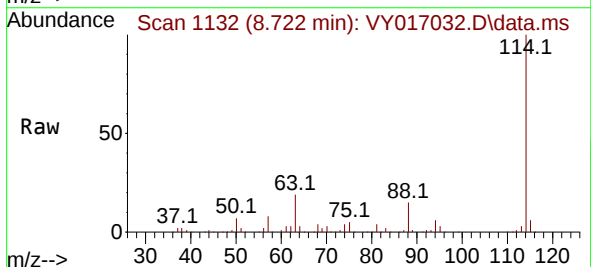
Manual Integrations
 APPROVED

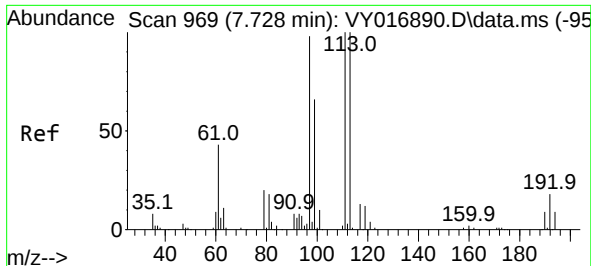
Reviewed By :Mahesh Dadoda 01/19/2024
 Supervised By :Semsettin Yesilyurt 01/19/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.722 min Scan# 1132
 Delta R.T. 0.019 min
 Lab File: VY017032.D
 Acq: 18 Jan 2024 11:59

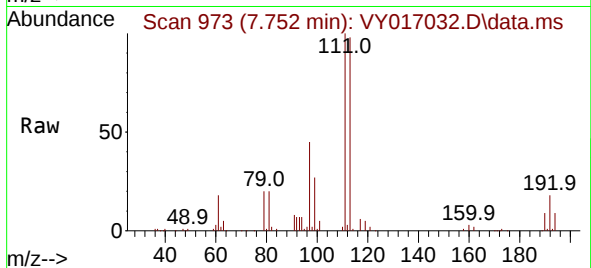
Tgt Ion:114 Resp: 238968
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 37.4
 88 15.3 0.0 29.0





#35
Dibromofluoromethane
Concen: 49.806 ug/l
RT: 7.752 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

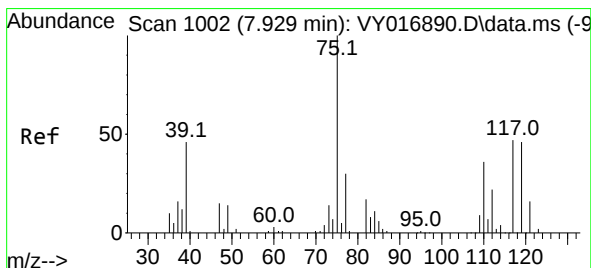
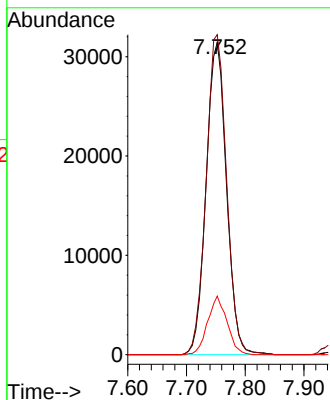
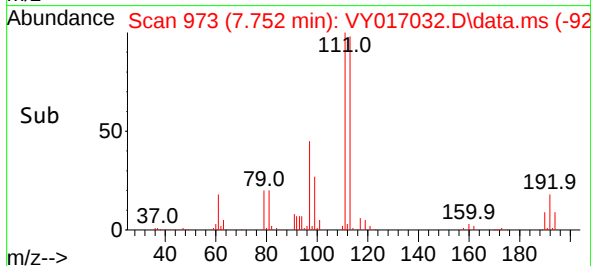
Instrument :
MSVOA_Y
ClientSampleId :
VY0118SBS01



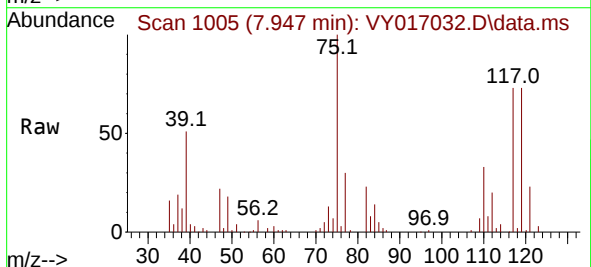
Tgt Ion:113 Resp: 75844
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.6
192 17.8 14.5 21.7

Manual Integrations
APPROVED

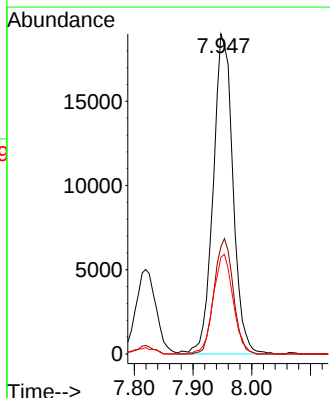
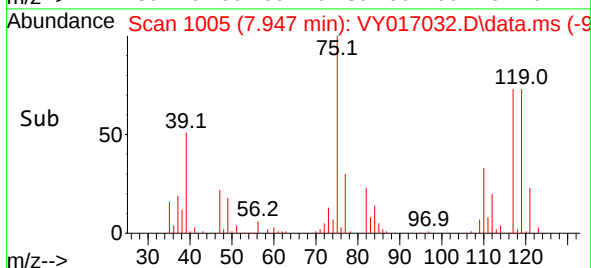
Reviewed By :Mahesh Dadoda 01/19/2024
Supervised By :Semsettin Yesilyurt 01/19/2024

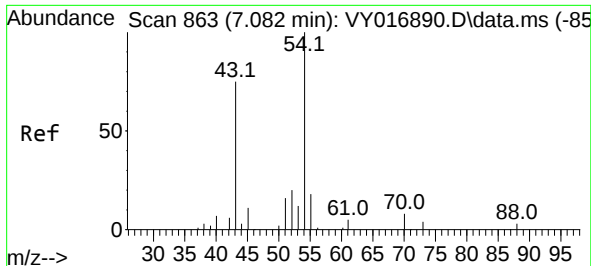


#36
1,1-Dichloropropene
Concen: 20.059 ug/l
RT: 7.947 min Scan# 1005
Delta R.T. 0.018 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59



Tgt Ion: 75 Resp: 44517
Ion Ratio Lower Upper
75 100
110 34.7 17.4 52.3
77 31.3 24.7 37.1





#37

Ethyl Acetate

Concen: 22.055 ug/l

RT: 7.112 min Scan# 80

Delta R.T. 0.024 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0118SBS01

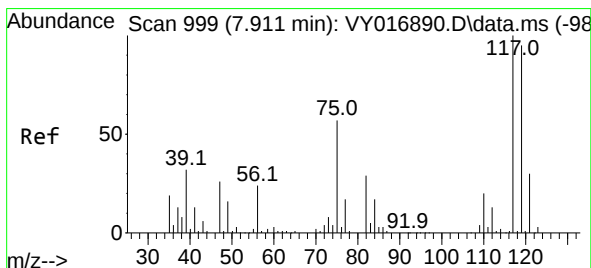
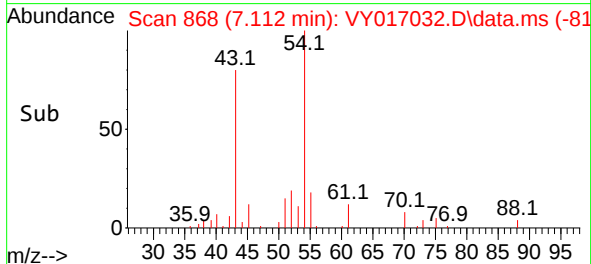
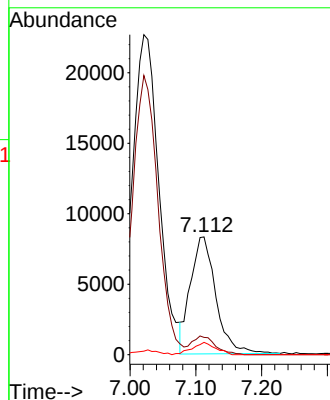
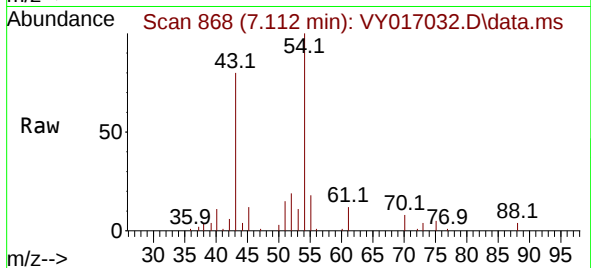
Tgt Ion: 43 Resp: 2224

Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.0	16.6
70	9.6	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/19/2024
Supervised By :Semsettin Yesilyurt 01/19/2024



#38

Carbon Tetrachloride

Concen: 20.759 ug/l

RT: 7.935 min Scan# 1003

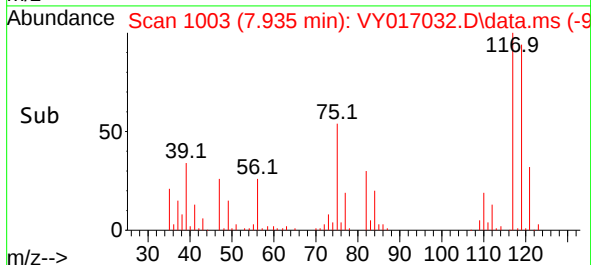
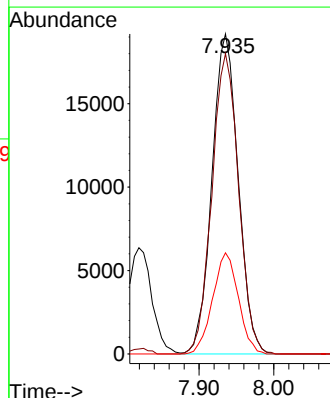
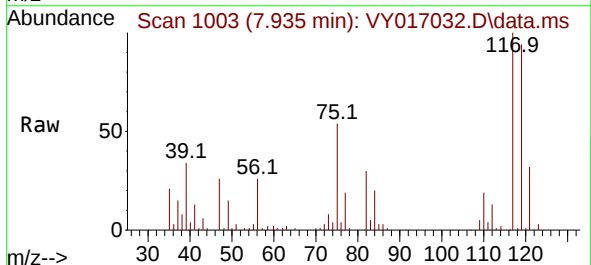
Delta R.T. 0.018 min

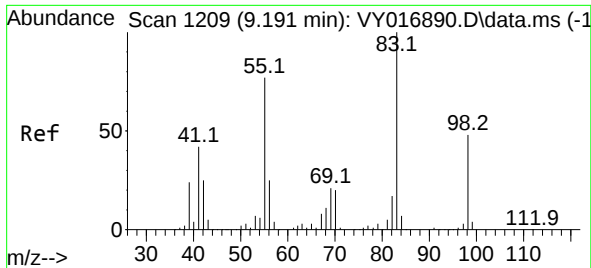
Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Tgt Ion:117 Resp: 46807

Ion	Ratio	Lower	Upper
117	100		
119	93.9	76.0	114.0
121	31.6	24.2	36.2





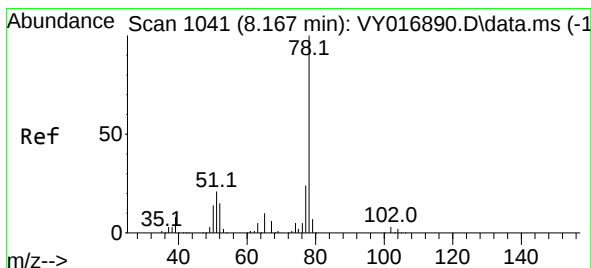
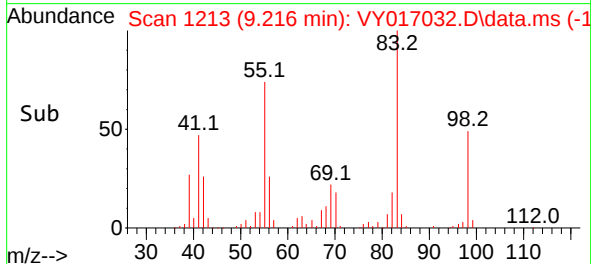
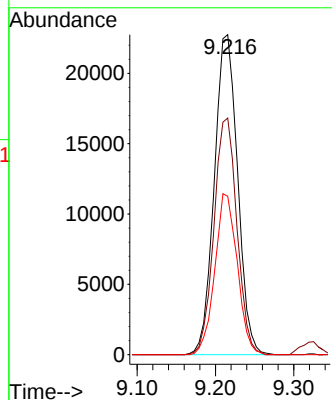
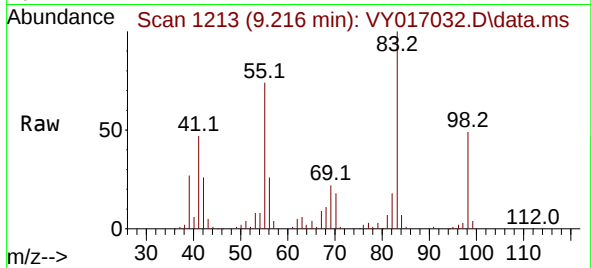
#39
Methylcyclohexane
Concen: 18.886 ug/l
RT: 9.216 min Scan# 11
Delta R.T. 0.025 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0118SBSD01

Tgt Ion: 83 Resp: 4711
Ion Ratio Lower Upper
83 100
55 73.9 59.7 89.5
98 49.5 38.0 57.0

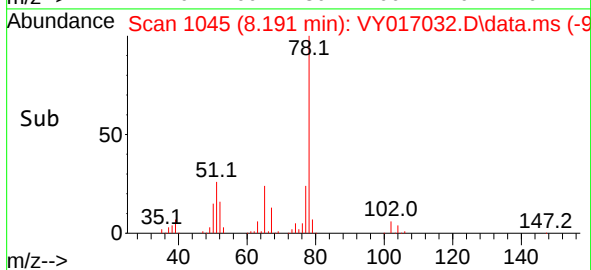
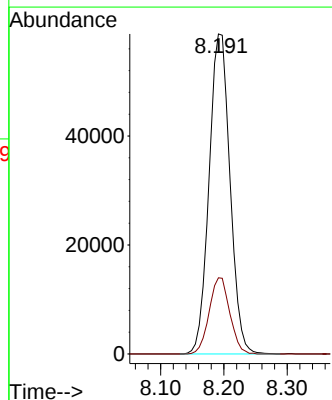
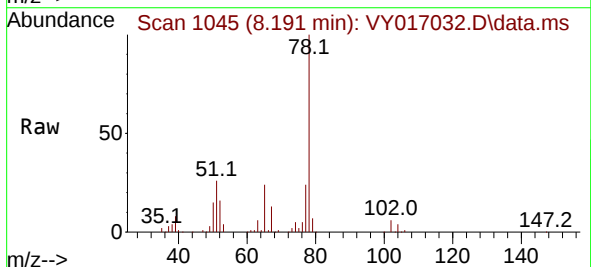
Manual Integrations
APPROVED

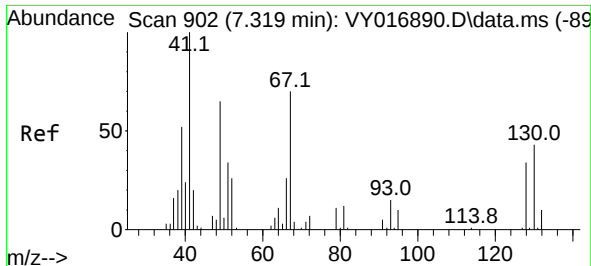
Reviewed By :Mahesh Dadoda 01/19/2024
Supervised By :Semsettin Yesilyurt 01/19/2024



#40
Benzene
Concen: 20.267 ug/l
RT: 8.191 min Scan# 1045
Delta R.T. 0.018 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

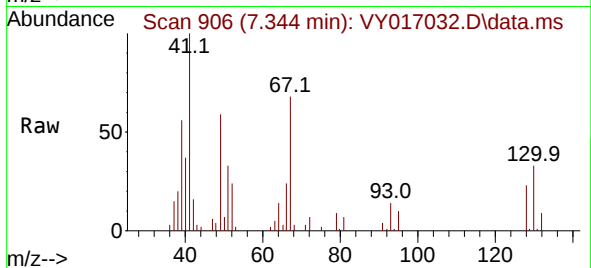
Tgt Ion: 78 Resp: 134926
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2





#41
Methacrylonitrile
Concen: 22.348 ug/l
RT: 7.344 min Scan# 902
Delta R.T. 0.025 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

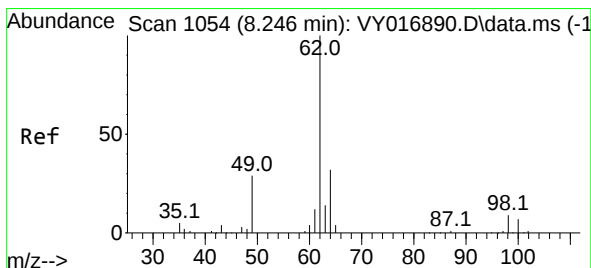
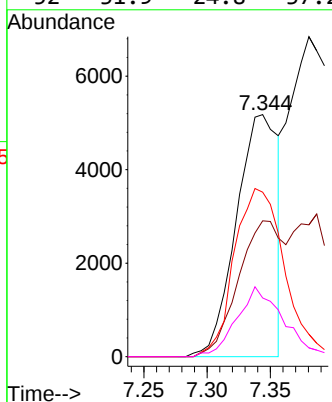
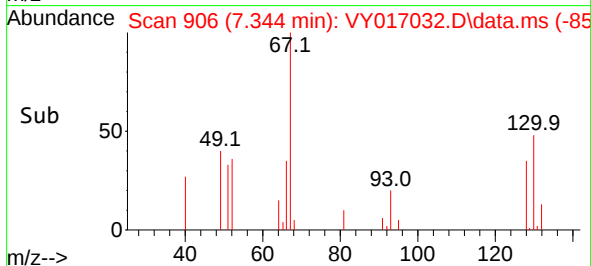
Instrument :
MSVOA_Y
ClientSampleId :
VY0118SBS01



Tgt Ion: 41 Resp: 11870
Ion Ratio Lower Upper
41 100
39 61.4 41.9 62.9
67 83.6 59.8 89.6
52 31.9 24.8 37.2

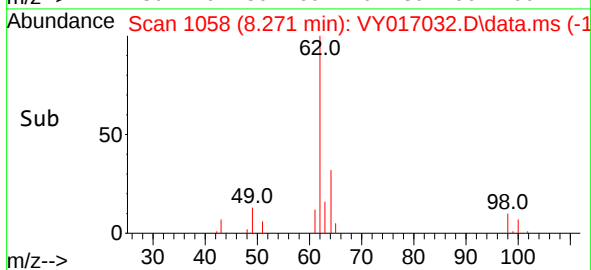
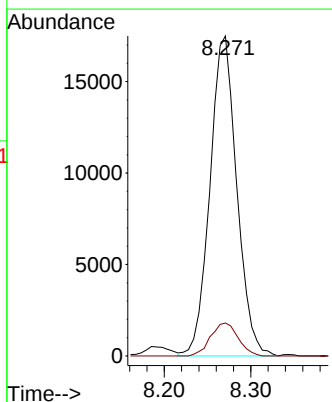
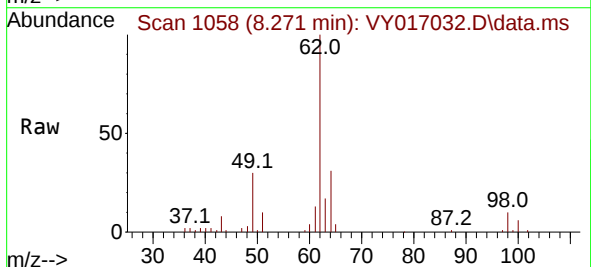
Manual Integrations
APPROVED

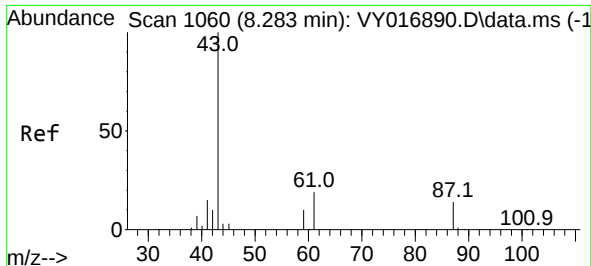
Reviewed By :Mahesh Dadoda 01/19/2024
Supervised By :Semsettin Yesilyurt 01/19/2024



#42
1,2-Dichloroethane
Concen: 21.315 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.019 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

Tgt Ion: 62 Resp: 37671
Ion Ratio Lower Upper
62 100
98 10.6 0.0 20.2





#43

Isopropyl Acetate

Concen: 21.962 ug/l

RT: 8.301 min Scan# 1173

Delta R.T. 0.018 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Instrument :

MSVOA_Y

ClientSampleId :

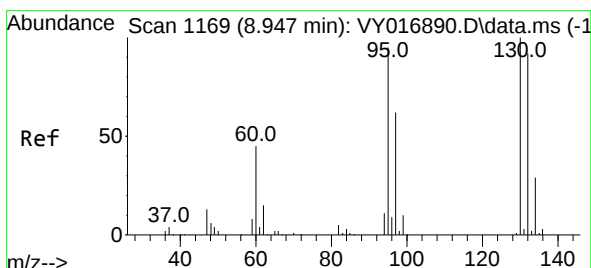
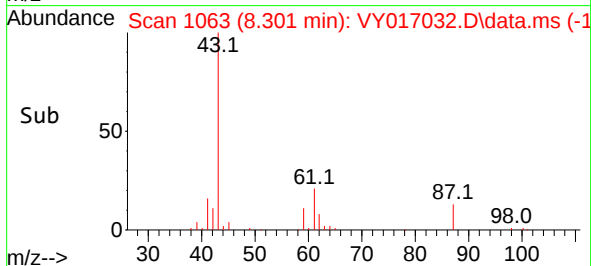
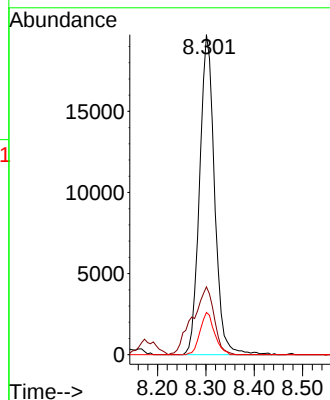
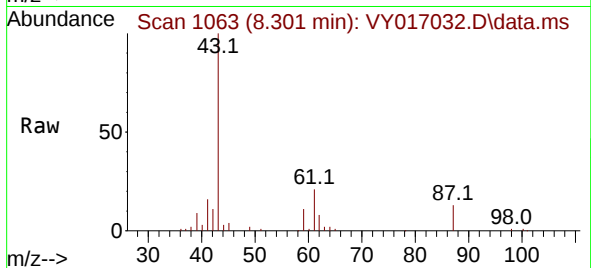
VY0118SBS01

Tgt Ion: 43	Resp: 4241
Ion Ratio	Lower Upper
43	100
61	30.6 24.8 37.2
87	12.7 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/19/2024
Supervised By :Semsettin Yesilyurt 01/19/2024



#44

Trichloroethene

Concen: 20.545 ug/l

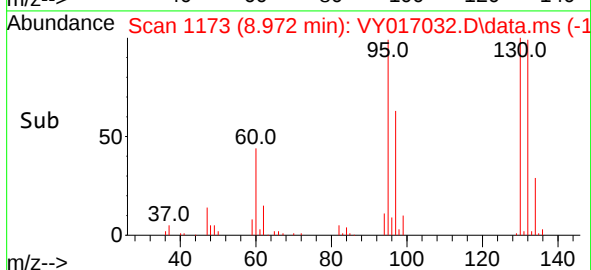
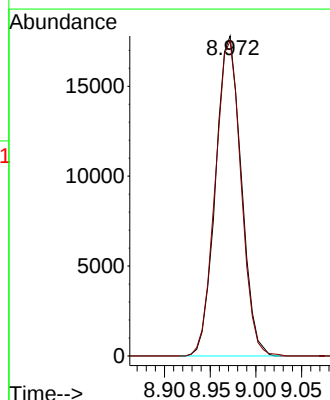
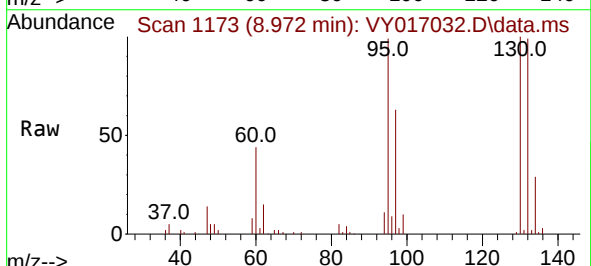
RT: 8.972 min Scan# 1173

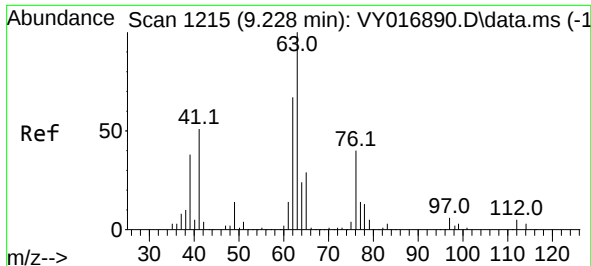
Delta R.T. 0.025 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Tgt Ion:130	Resp: 34804
Ion Ratio	Lower Upper
130	100
95	98.5 0.0 203.8





#45

1,2-Dichloropropane

Concen: 21.069 ug/l

RT: 9.246 min Scan# 1218

Delta R.T. 0.018 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0118SBS01

Tgt Ion: 63 Resp: 3613

Ion Ratio Lower Upper

63 100

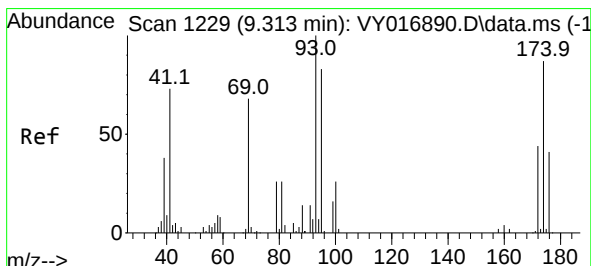
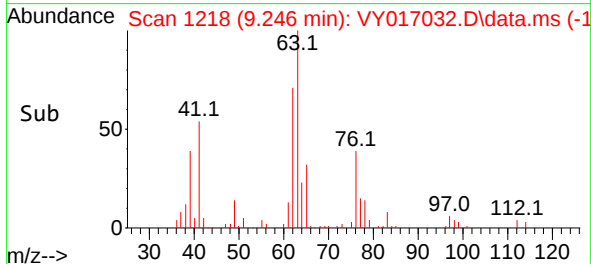
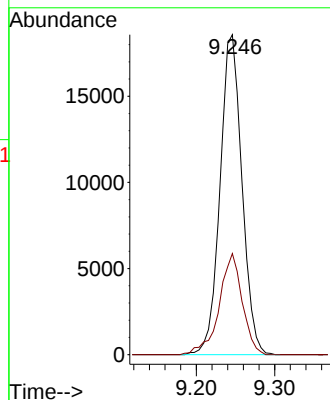
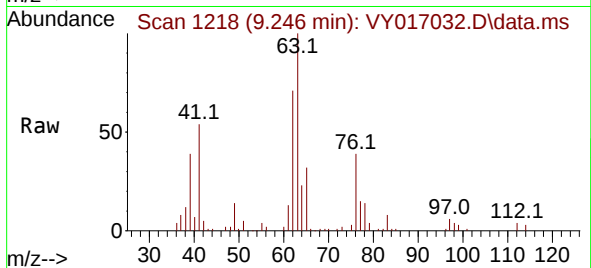
65 31.6 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/19/2024

Supervised By :Semsettin Yesilyurt 01/19/2024



#46

Dibromomethane

Concen: 20.860 ug/l

RT: 9.337 min Scan# 1233

Delta R.T. 0.024 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

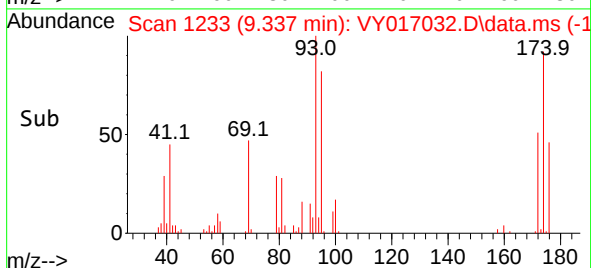
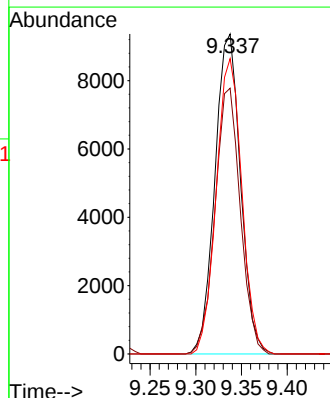
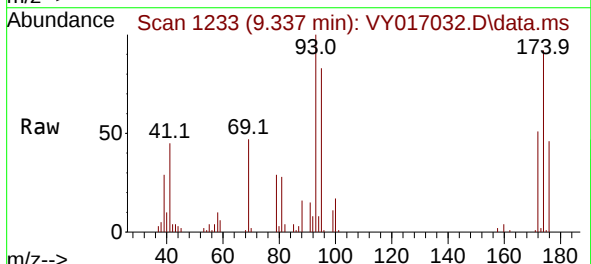
Tgt Ion: 93 Resp: 18246

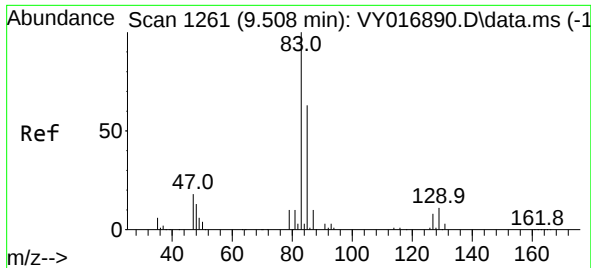
Ion Ratio Lower Upper

93 100

95 82.2 66.6 99.8

174 92.1 73.8 110.6





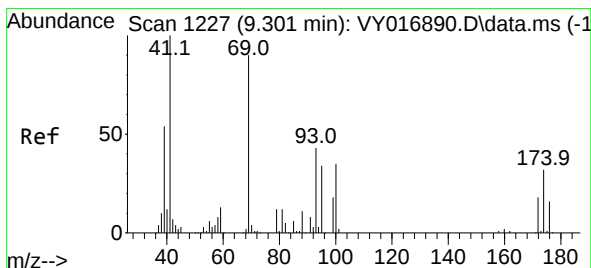
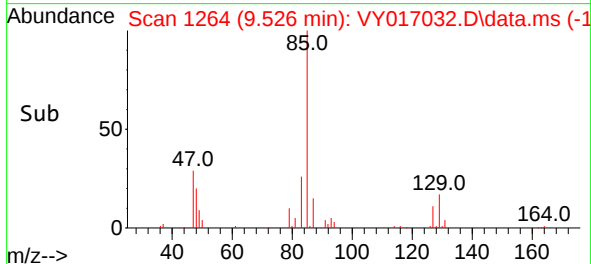
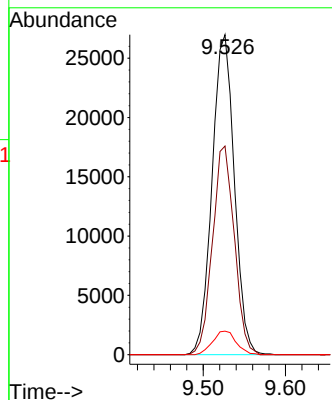
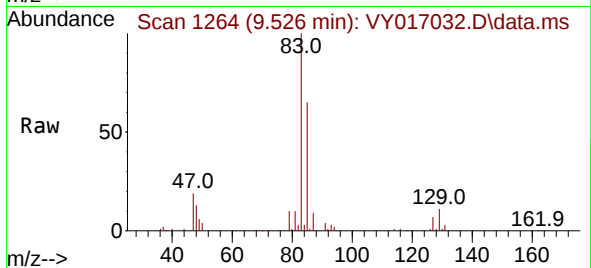
#47
Bromodichloromethane
Concen: 21.567 ug/l
RT: 9.526 min Scan# 1264
Delta R.T. 0.018 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0118SBSD01

Tgt Ion: 83 Resp: 50658
Ion Ratio Lower Upper
83 100
85 65.2 53.2 79.8
127 7.4 6.4 9.6

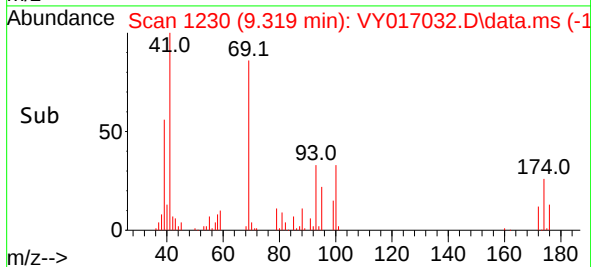
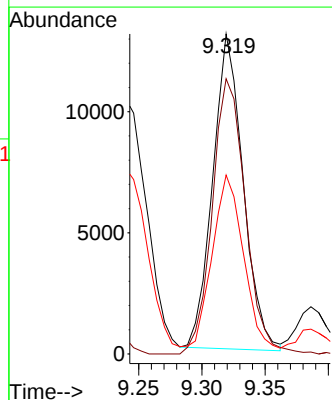
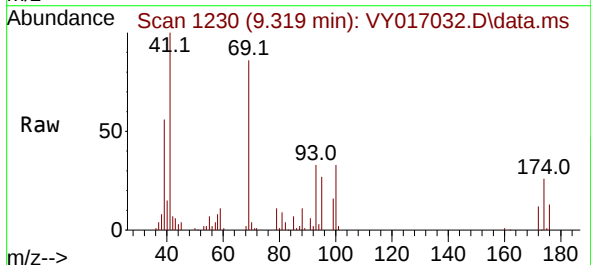
Manual Integrations
APPROVED

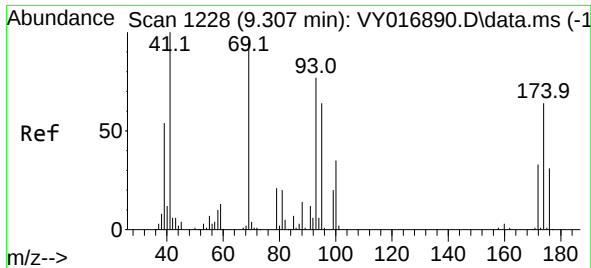
Reviewed By :Mahesh Dadoda 01/19/2024
Supervised By :Semsettin Yesilyurt 01/19/2024



#48
Methyl methacrylate
Concen: 20.840 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.018 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

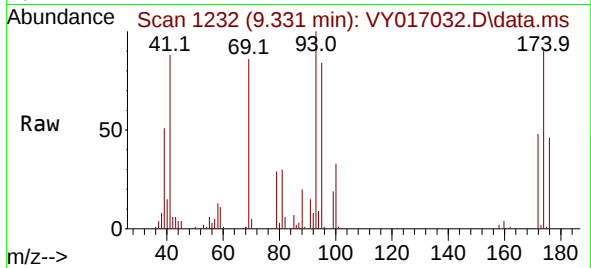
Tgt Ion: 41 Resp: 21721
Ion Ratio Lower Upper
41 100
69 95.1 72.1 108.1
39 60.7 42.8 64.2





#49
1,4-Dioxane
Concen: 464.071 ug/l
RT: 9.331 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

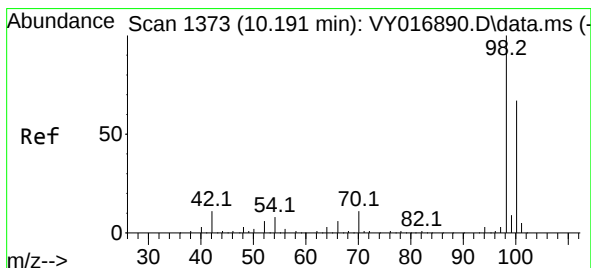
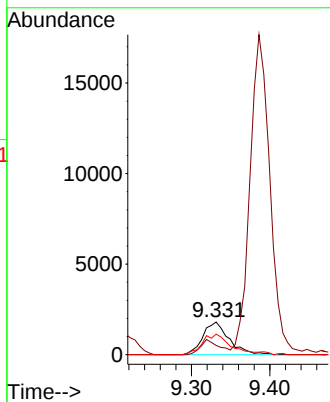
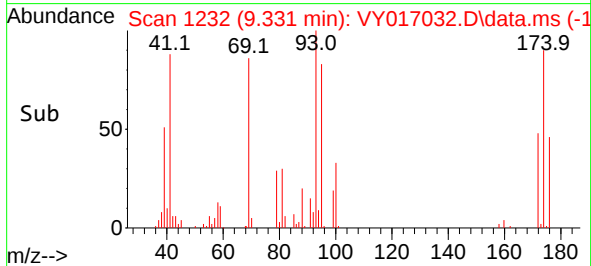
Instrument :
MSVOA_Y
ClientSampleId :
VY0118SBS01



Tgt Ion: 88 Resp: 420
Ion Ratio Lower Upper
88 100
43 33.9 28.2 42.4
58 70.5 52.2 78.2

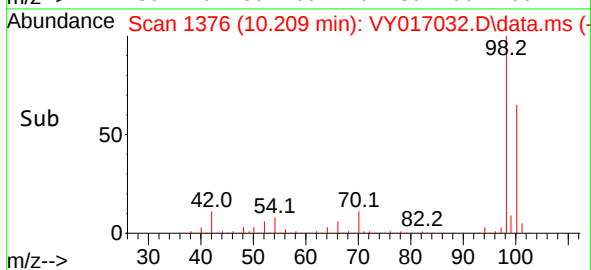
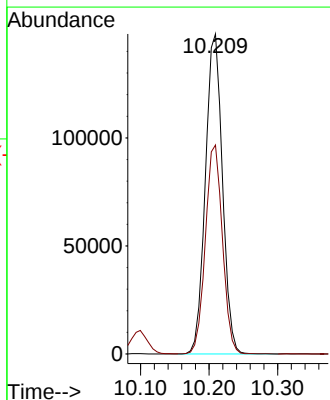
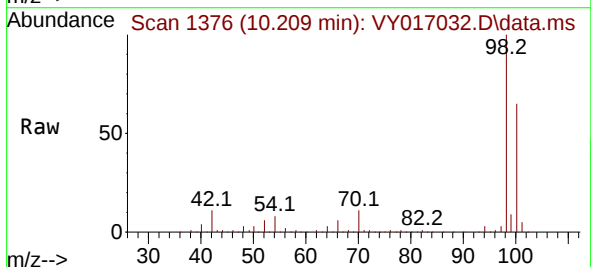
Manual Integrations
APPROVED

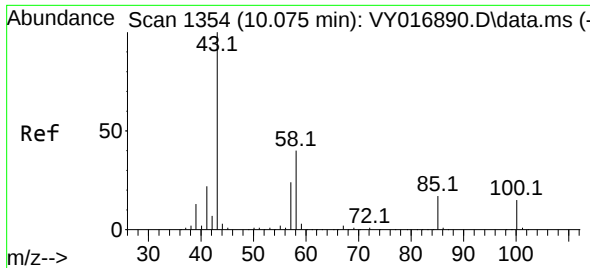
Reviewed By :Mahesh Dadoda 01/19/2024
Supervised By :Semsettin Yesilyurt 01/19/2024



#50
Toluene-d8
Concen: 48.900 ug/l
RT: 10.209 min Scan# 1376
Delta R.T. 0.018 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

Tgt Ion: 98 Resp: 256418
Ion Ratio Lower Upper
98 100
100 65.5 52.3 78.5





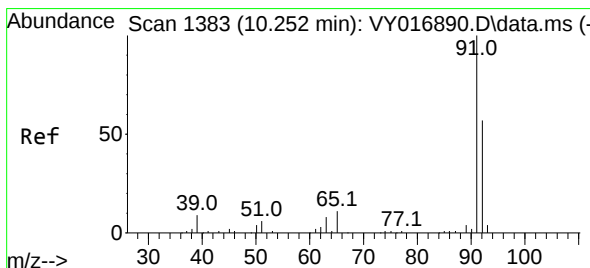
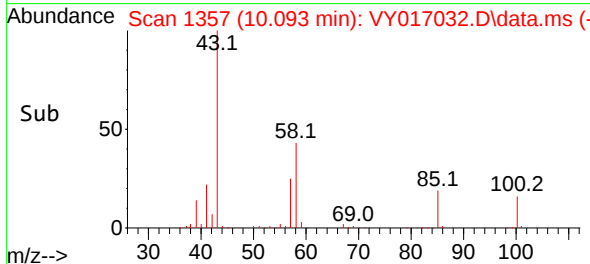
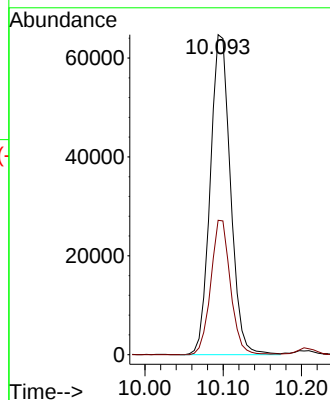
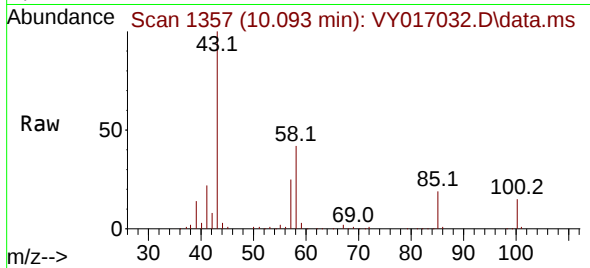
#51
4-Methyl-2-Pentanone
Concen: 113.036 ug/l
RT: 10.093 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0118SBS01

Tgt Ion: 43 Resp: 11609
Ion Ratio Lower Upper
43 100
58 40.8 32.2 48.2

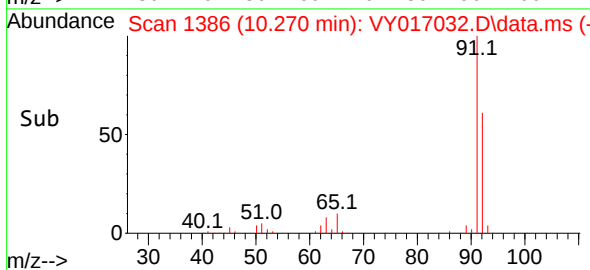
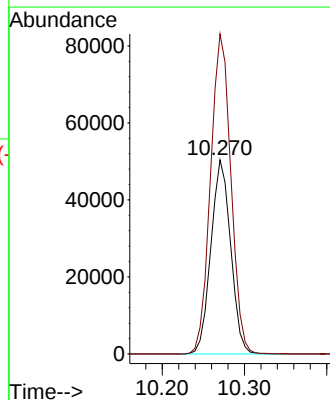
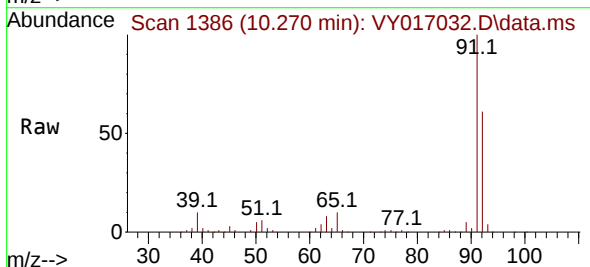
Manual Integrations
APPROVED

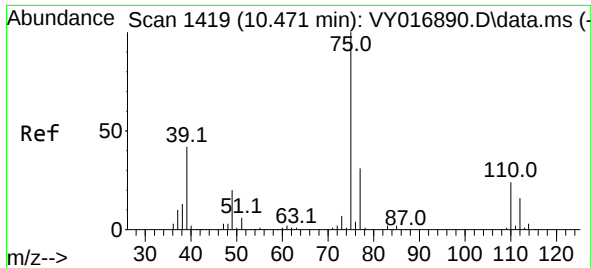
Reviewed By :Mahesh Dadoda 01/19/2024
Supervised By :Semsettin Yesilyurt 01/19/2024



#52
Toluene
Concen: 20.952 ug/l
RT: 10.270 min Scan# 1386
Delta R.T. 0.018 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

Tgt Ion: 92 Resp: 84178
Ion Ratio Lower Upper
92 100
91 170.2 137.6 206.4





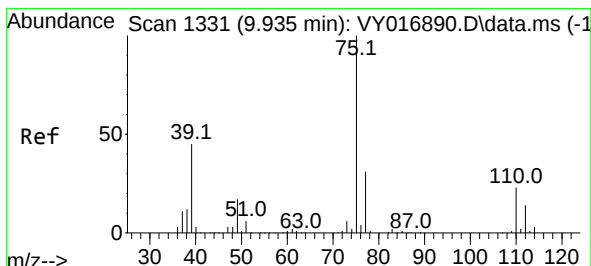
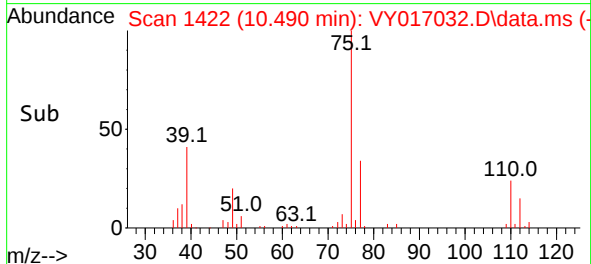
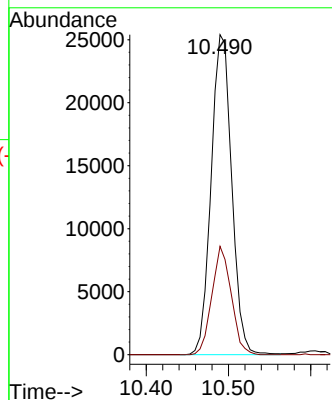
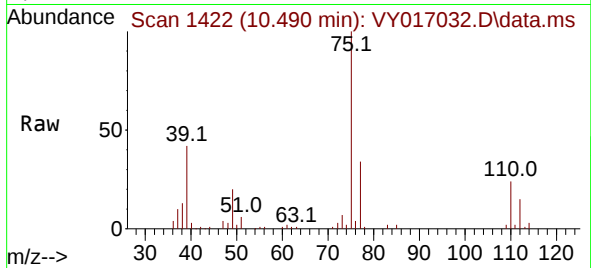
#53
t-1,3-Dichloropropene
Concen: 20.986 ug/l
RT: 10.490 min Scan# 1419
Delta R.T. 0.019 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0118SBS01

Tgt Ion: 75 Resp: 44152
Ion Ratio Lower Upper
75 100
77 33.8 24.6 36.8

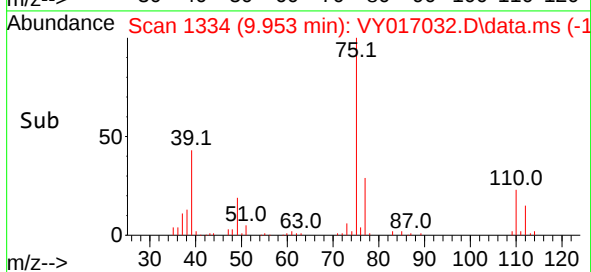
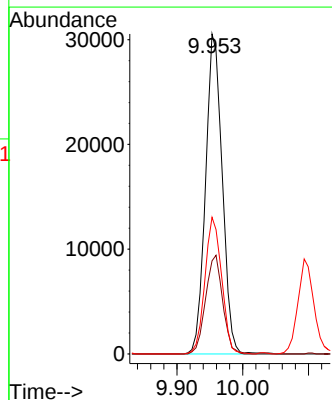
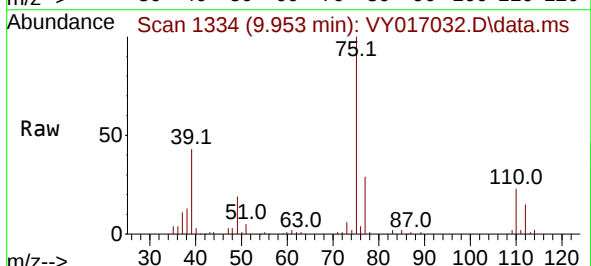
Manual Integrations
APPROVED

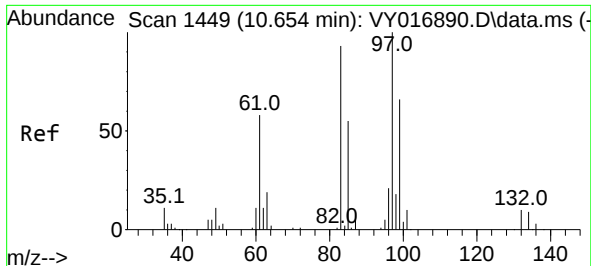
Reviewed By :Mahesh Dadoda 01/19/2024
Supervised By :Semsettin Yesilyurt 01/19/2024



#54
cis-1,3-Dichloropropene
Concen: 21.379 ug/l
RT: 9.953 min Scan# 1334
Delta R.T. 0.012 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

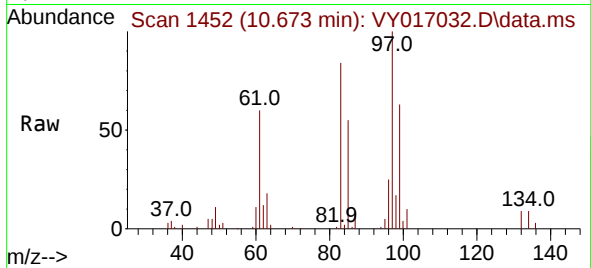
Tgt Ion: 75 Resp: 54017
Ion Ratio Lower Upper
75 100
77 29.1 24.6 36.8
39 42.7 33.6 50.4





#55
1,1,2-Trichloroethane
Concen: 22.355 ug/l
RT: 10.673 min Scan# 1449
Delta R.T. 0.019 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

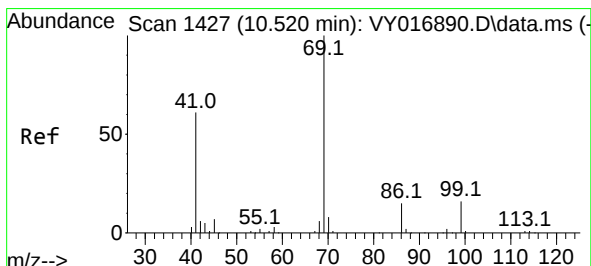
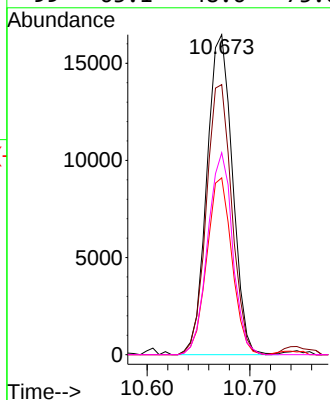
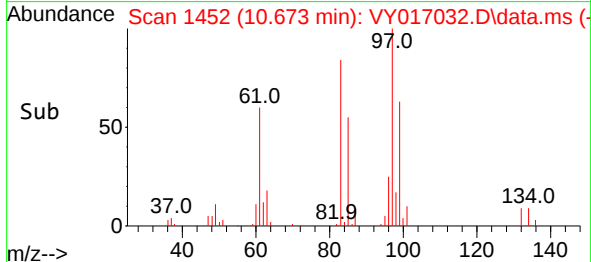
Instrument :
MSVOA_Y
ClientSampleId :
VY0118SBS01



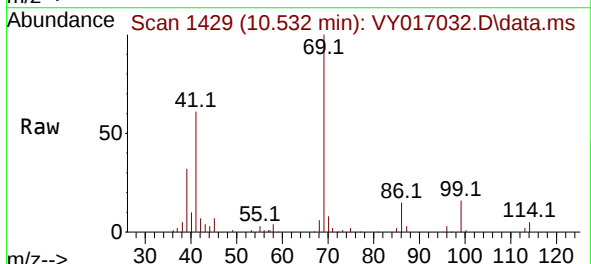
Tgt Ion:	97	Resp:	2856
Ion	Ratio	Lower	Upper
97	100		
83	84.4	69.4	104.2
85	55.2	43.9	65.9
99	63.1	48.6	73.0

Manual Integrations
APPROVED

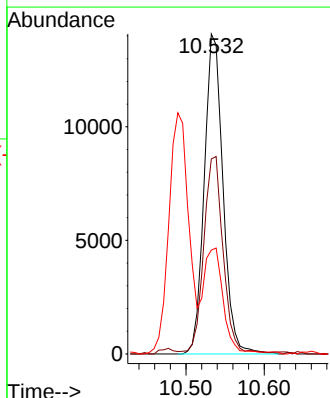
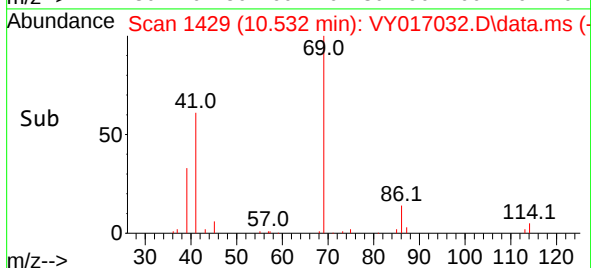
Reviewed By :Mahesh Dadoda 01/19/2024
Supervised By :Semsettin Yesilyurt 01/19/2024

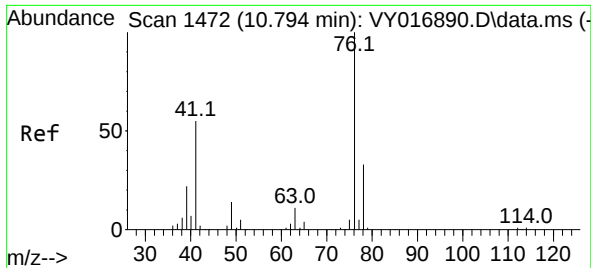


#56
Ethyl methacrylate
Concen: 21.586 ug/l
RT: 10.532 min Scan# 1429
Delta R.T. 0.012 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59



Tgt Ion:	69	Resp:	23364
Ion	Ratio	Lower	Upper
69	100		
41	62.8	49.2	73.8
39	33.9	26.8	40.2





#57

1,3-Dichloropropane

Concen: 21.648 ug/l

RT: 10.819 min Scan# 1472

Delta R.T. 0.019 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0118SBS01

Tgt Ion: 76 Resp: 4618

Ion Ratio Lower Upper

76 100

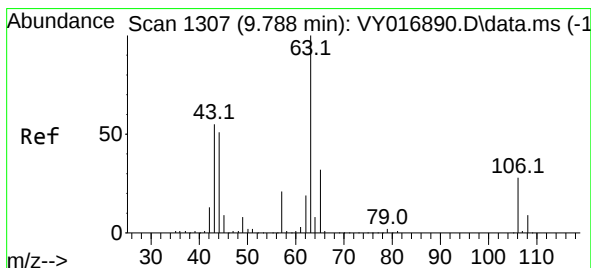
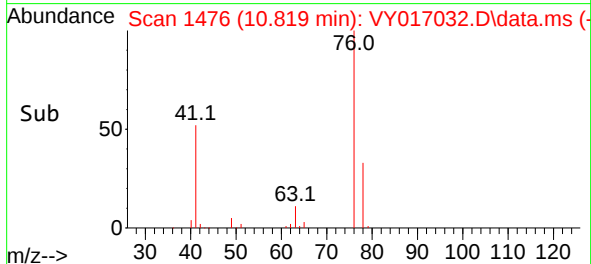
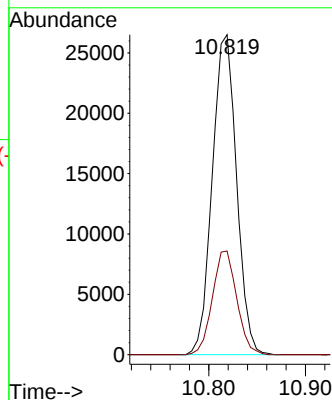
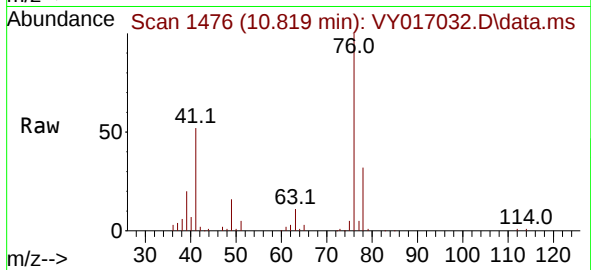
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/19/2024

Supervised By :Semsettin Yesilyurt 01/19/2024



#58

2-Chloroethyl Vinyl ether

Concen: 92.669 ug/l

RT: 9.807 min Scan# 1310

Delta R.T. 0.019 min

Lab File: VY017032.D

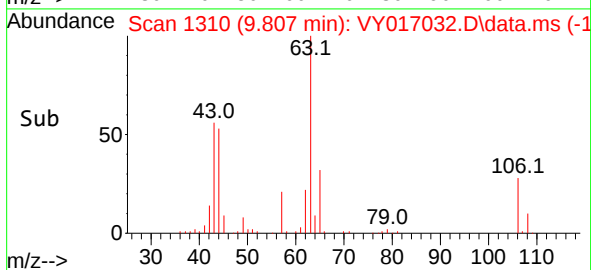
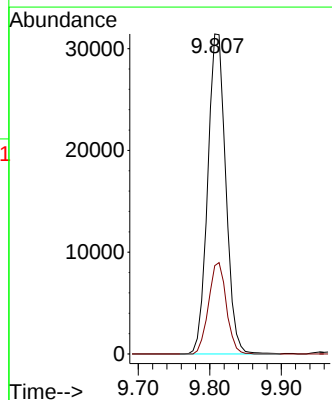
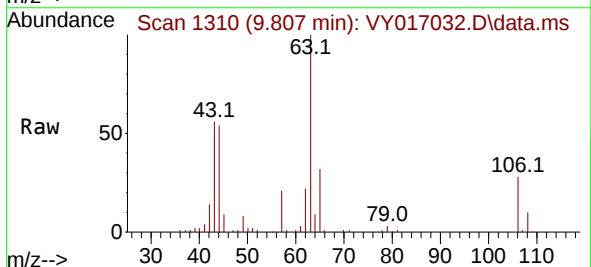
Acq: 18 Jan 2024 11:59

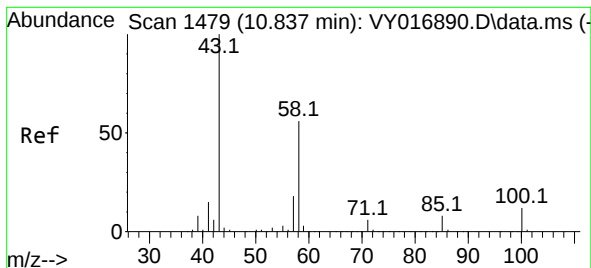
Tgt Ion: 63 Resp: 55081

Ion Ratio Lower Upper

63 100

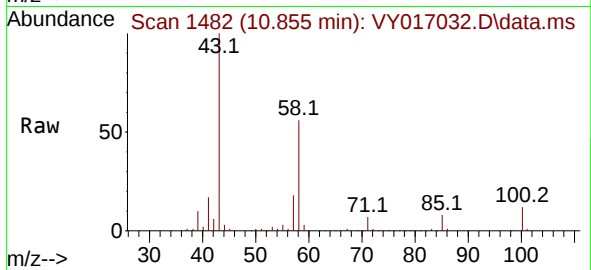
106 28.0 22.4 33.6





#59
2-Hexanone
Concen: 120.739 ug/l
RT: 10.855 min Scan# 1479
Delta R.T. 0.012 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

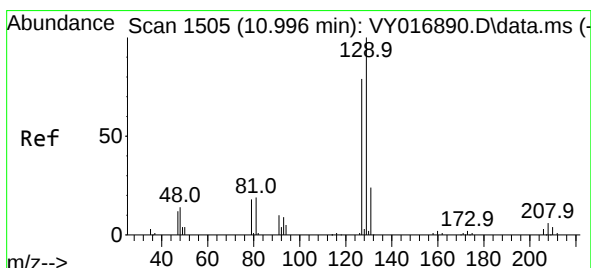
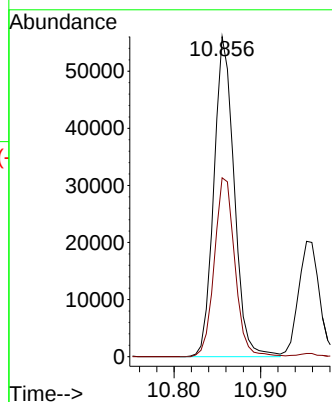
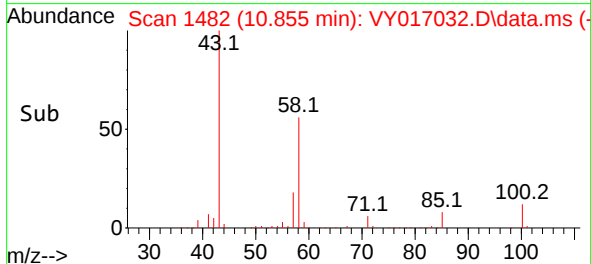
Instrument :
MSVOA_Y
ClientSampleId :
VY0118SBSD01



Tgt Ion: 43 Resp: 9131
Ion Ratio Lower Upper
43 100
58 56.5 28.1 84.3

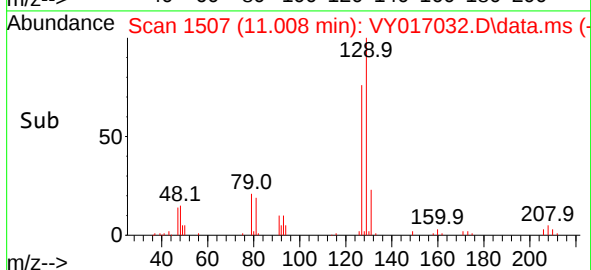
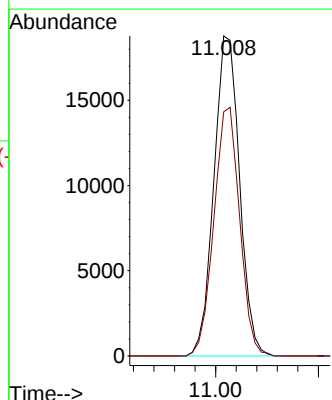
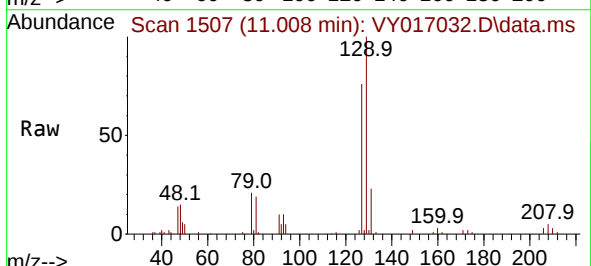
Manual Integrations
APPROVED

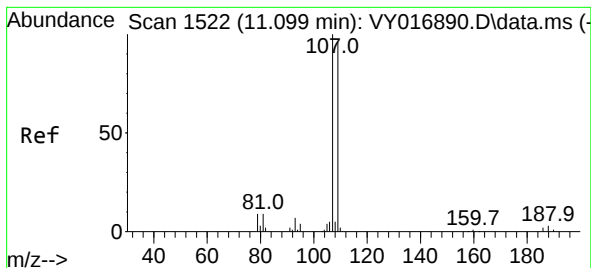
Reviewed By :Mahesh Dadoda 01/19/2024
Supervised By :Semsettin Yesilyurt 01/19/2024



#60
Dibromochloromethane
Concen: 22.085 ug/l
RT: 11.008 min Scan# 1507
Delta R.T. 0.012 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

Tgt Ion:129 Resp: 32545
Ion Ratio Lower Upper
129 100
127 78.0 39.2 117.6





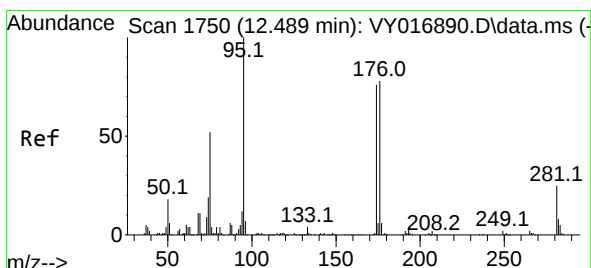
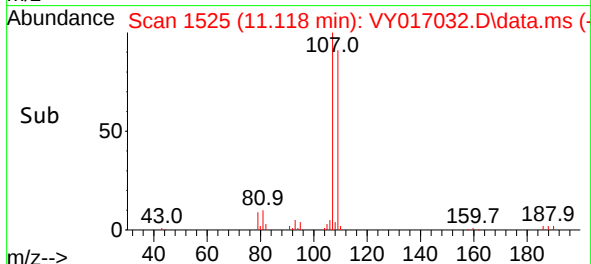
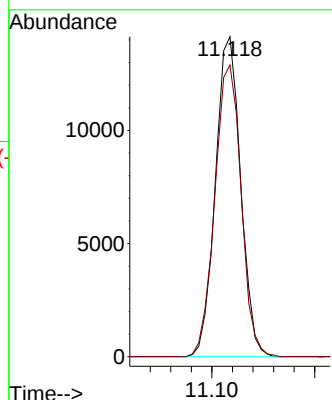
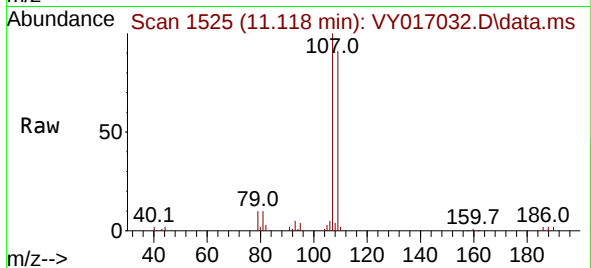
#61
1,2-Dibromoethane
Concen: 21.682 ug/l
RT: 11.118 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0118SBS01

Tgt Ion:107 Resp: 2407
Ion Ratio Lower Upper
107 100
109 95.0 75.4 113.2

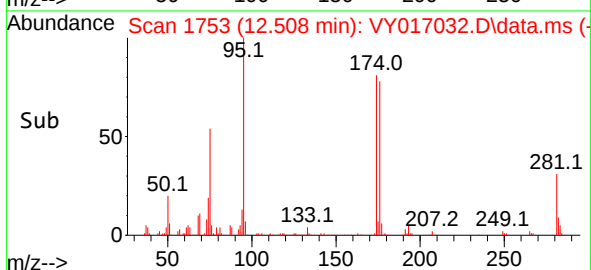
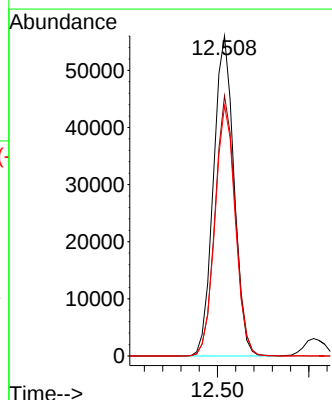
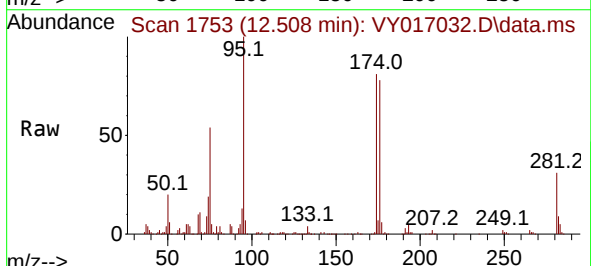
Manual Integrations
APPROVED

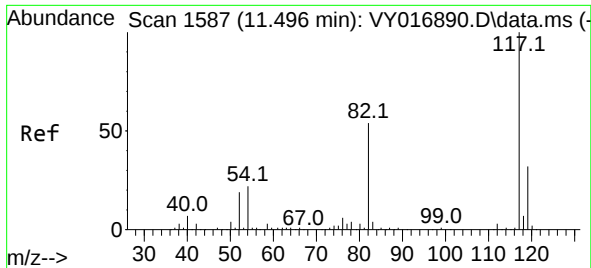
Reviewed By :Mahesh Dadoda 01/19/2024
Supervised By :Semsettin Yesilyurt 01/19/2024



#62
4-Bromofluorobenzene
Concen: 49.273 ug/l
RT: 12.508 min Scan# 1753
Delta R.T. 0.019 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

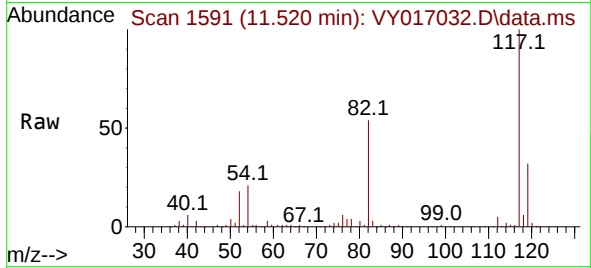
Tgt Ion: 95 Resp: 87173
Ion Ratio Lower Upper
95 100
174 80.5 0.0 160.0
176 77.4 0.0 151.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.520 min Scan# 11591
Delta R.T. 0.018 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

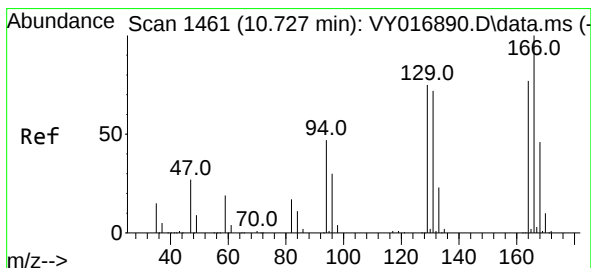
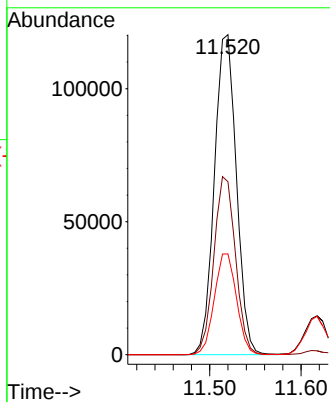
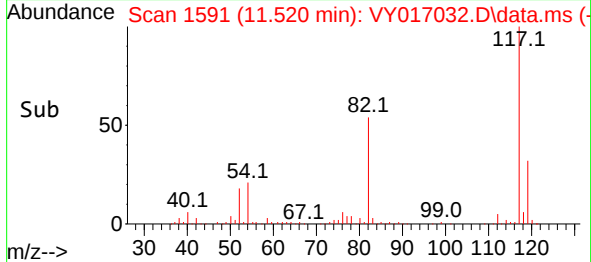
Instrument :
MSVOA_Y
ClientSampleId :
VY0118SBSD01



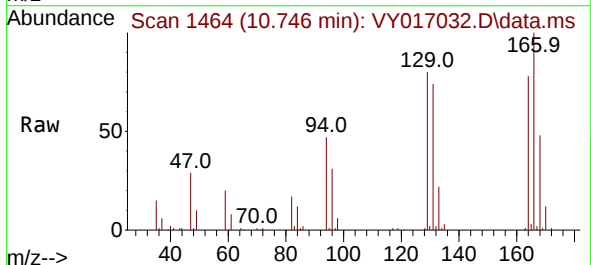
Tgt Ion:117 Resp: 20206
Ion Ratio Lower Upper
117 100
82 54.1 43.8 65.8
119 31.5 26.5 39.7

Manual Integrations
APPROVED

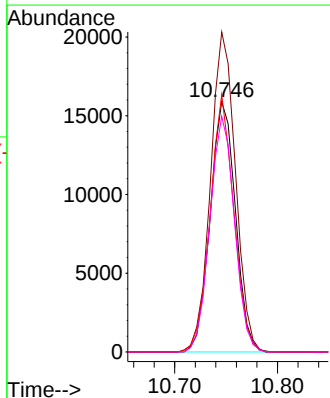
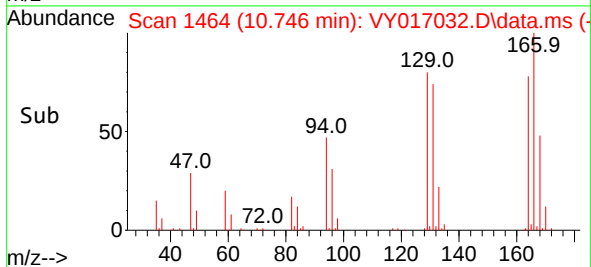
Reviewed By :Mahesh Dadoda 01/19/2024
Supervised By :Semsettin Yesilyurt 01/19/2024

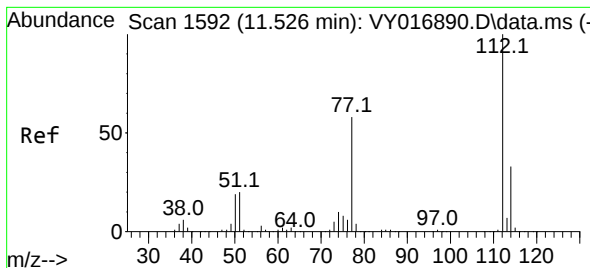


#64
Tetrachloroethene
Concen: 20.592 ug/l
RT: 10.746 min Scan# 1464
Delta R.T. 0.019 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59



Tgt Ion:164 Resp: 26976
Ion Ratio Lower Upper
164 100
166 127.9 98.8 148.2
129 102.8 78.9 118.3
131 94.2 72.5 108.7





#65

Chlorobenzene

Concen: 21.719 ug/l

RT: 11.544 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0118SBSD01

Tgt Ion:112 Resp: 9142

Ion Ratio Lower Upper

112 100

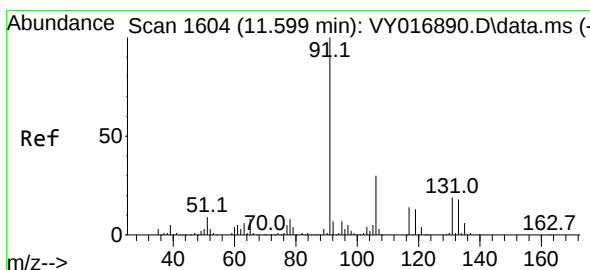
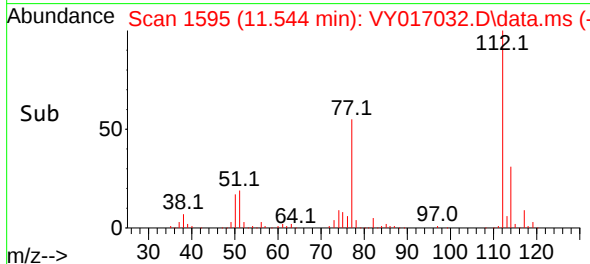
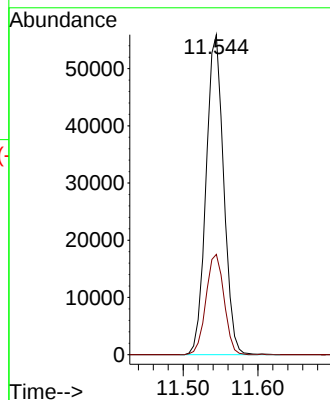
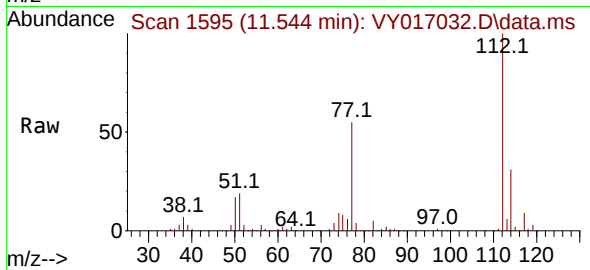
114 31.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/19/2024

Supervised By :Semsettin Yesilyurt 01/19/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 21.776 ug/l

RT: 11.618 min Scan# 1607

Delta R.T. 0.019 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

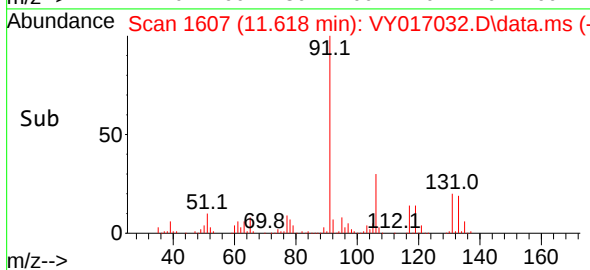
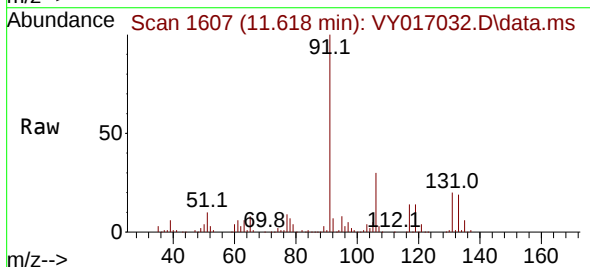
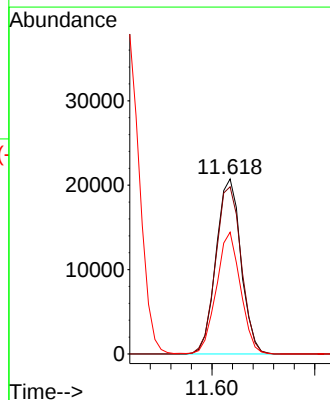
Tgt Ion:131 Resp: 34844

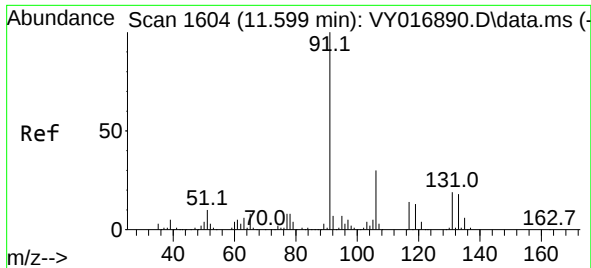
Ion Ratio Lower Upper

131 100

133 98.4 47.0 141.0

119 67.4 33.3 99.9





#67

Ethyl Benzene

Concen: 21.396 ug/l

RT: 11.618 min Scan# 1607

Delta R.T. 0.019 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0118SBSD01

Tgt Ion: 91 Resp: 162140

Ion Ratio Lower Upper

91 100

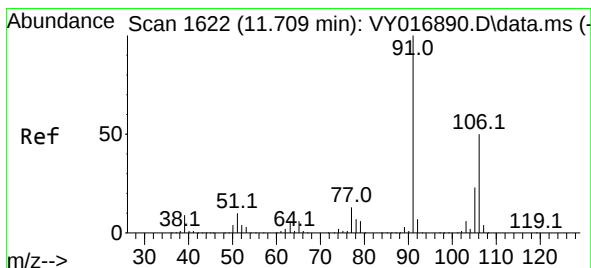
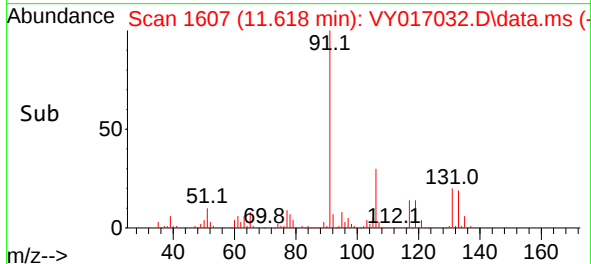
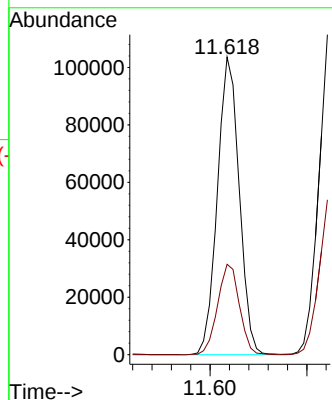
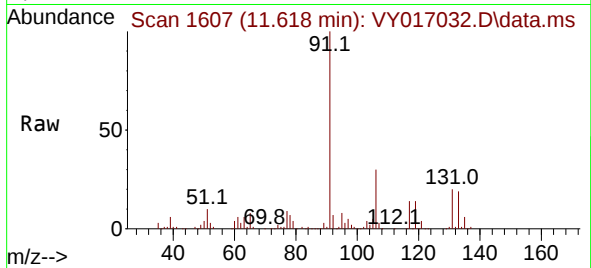
106 30.4 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/19/2024

Supervised By :Semsettin Yesilyurt 01/19/2024



#68

m/p-Xylenes

Concen: 42.933 ug/l

RT: 11.727 min Scan# 1625

Delta R.T. 0.018 min

Lab File: VY017032.D

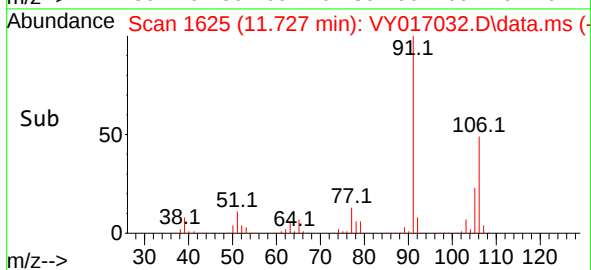
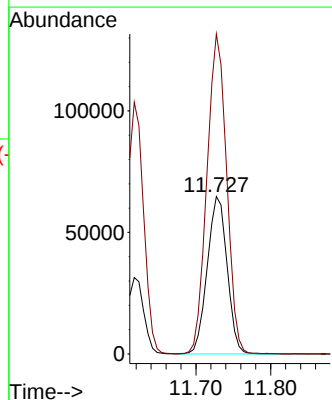
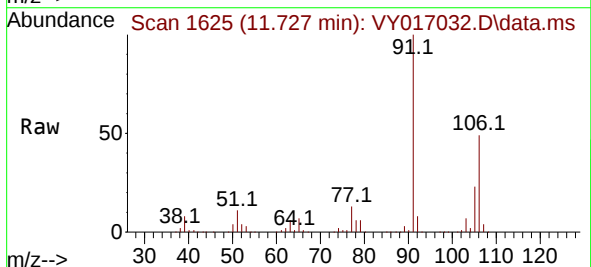
Acq: 18 Jan 2024 11:59

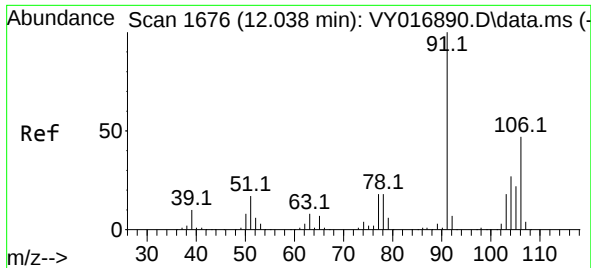
Tgt Ion:106 Resp: 119425

Ion Ratio Lower Upper

106 100

91 202.1 160.7 241.1





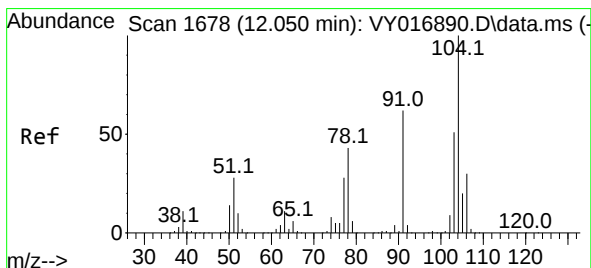
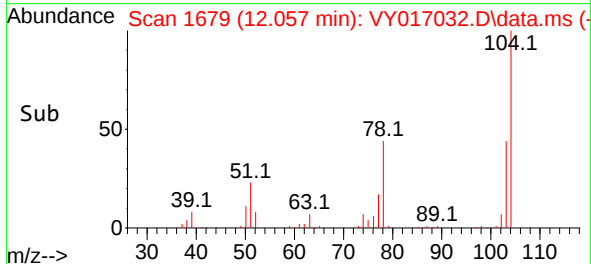
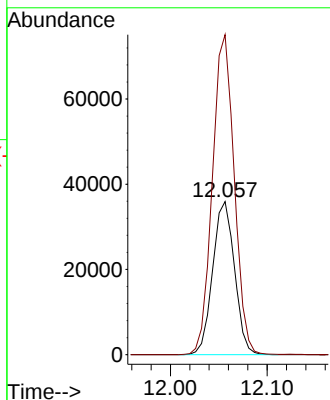
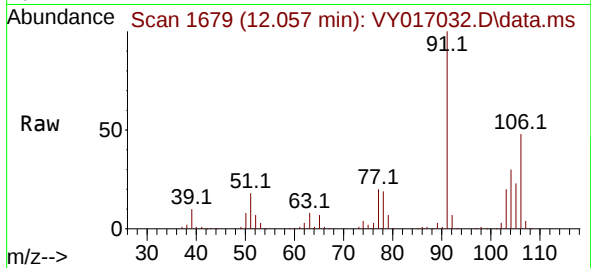
#69
o-Xylene
Concen: 21.584 ug/l
RT: 12.057 min Scan# 1680
Delta R.T. 0.018 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0118SBS01

Tgt Ion:106 Resp: 56280
Ion Ratio Lower Upper
106 100
91 209.3 106.5 319.5

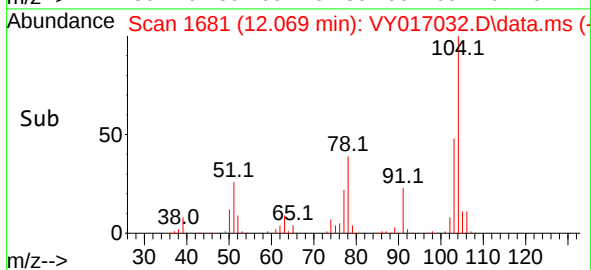
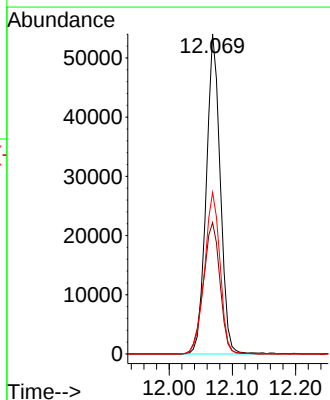
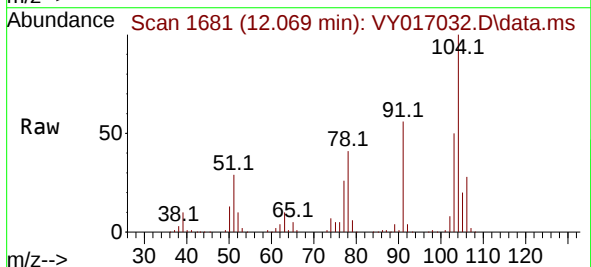
Manual Integrations
APPROVED

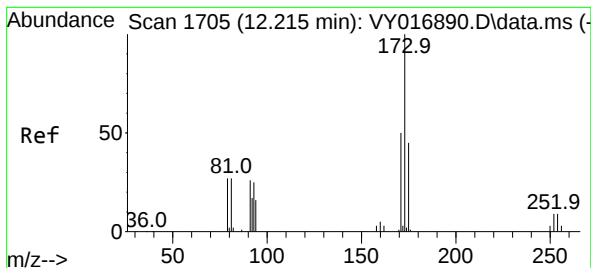
Reviewed By :Mahesh Dadoda 01/19/2024
Supervised By :Semsettin Yesilyurt 01/19/2024



#70
Styrene
Concen: 22.033 ug/l
RT: 12.069 min Scan# 1681
Delta R.T. 0.019 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

Tgt Ion:104 Resp: 83625
Ion Ratio Lower Upper
104 100
78 48.5 39.2 58.8
103 55.5 43.8 65.6





#71

Bromoform

Concen: 22.560 ug/l

RT: 12.233 min Scan# 1708

Delta R.T. 0.018 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Instrument :

MSVOA_Y

ClientSampleId :

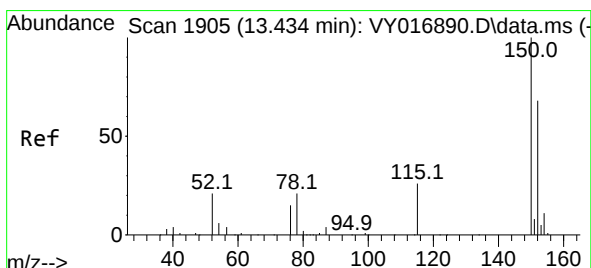
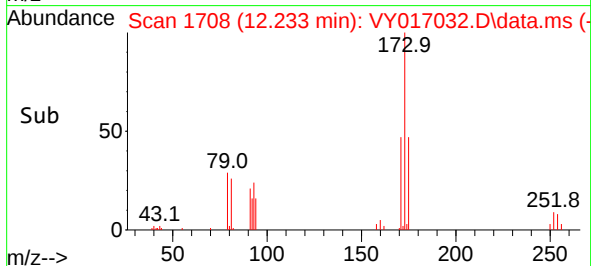
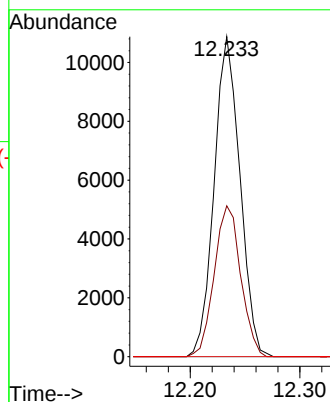
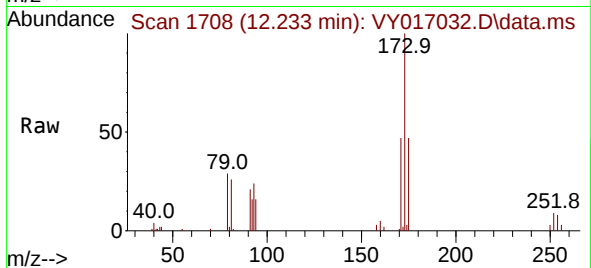
VY0118SBS01

Tgt Ion:173	Resp:	1777
Ion Ratio	Lower	Upper
173	100	
175	48.4	23.5 70.6
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/19/2024
Supervised By :Semsettin Yesilyurt 01/19/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

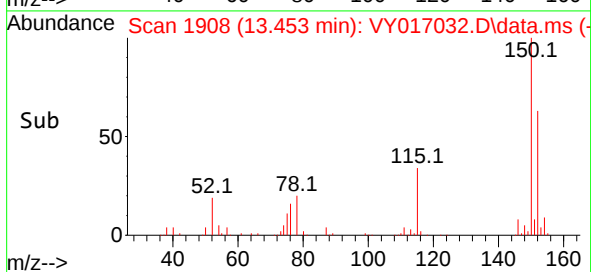
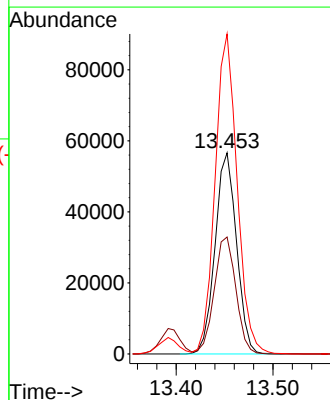
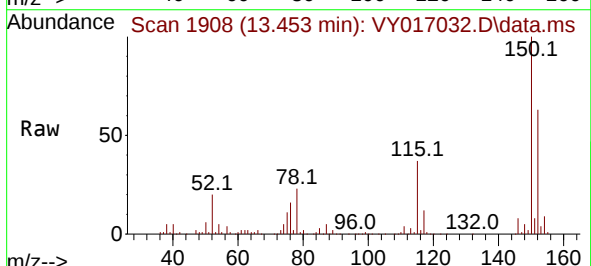
RT: 13.453 min Scan# 1908

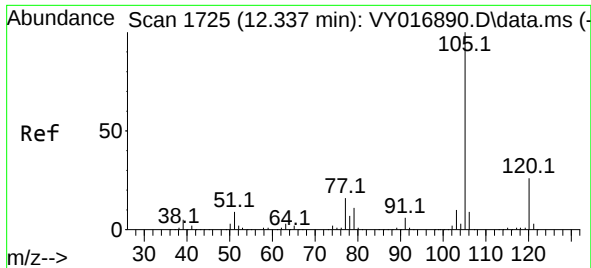
Delta R.T. 0.019 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Tgt Ion:152	Resp:	87126
Ion Ratio	Lower	Upper
152	100	
115	58.9	30.0 90.0
150	163.5	0.0 344.6





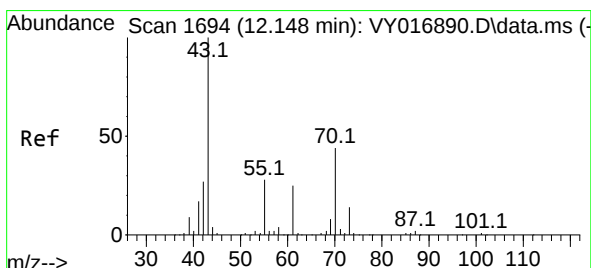
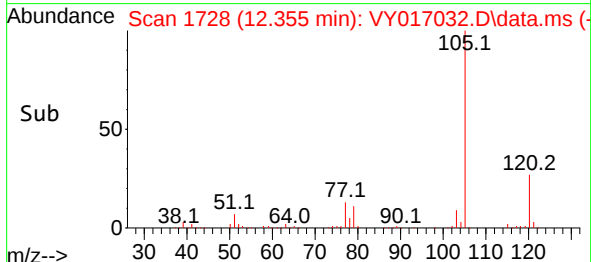
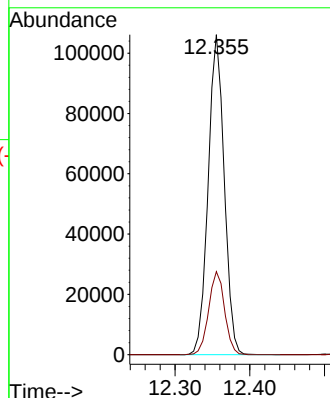
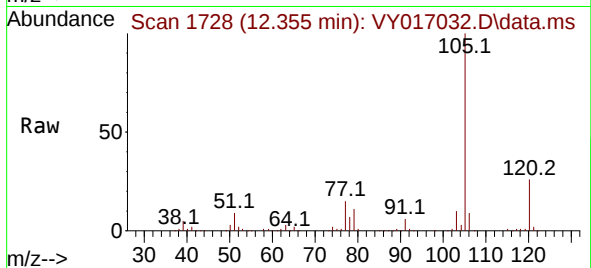
#73
Isopropylbenzene
Concen: 22.213 ug/l
RT: 12.355 min Scan# 1725
Delta R.T. 0.018 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0118SBS01

Tgt Ion:105 Resp: 15804
Ion Ratio Lower Upper
105 100
120 25.8 13.0 39.0

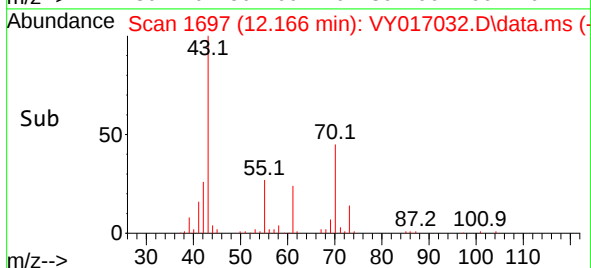
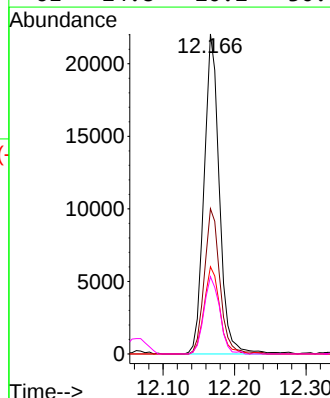
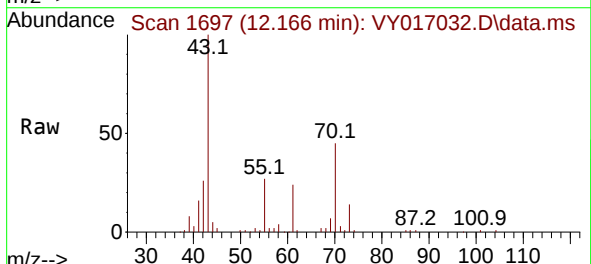
Manual Integrations
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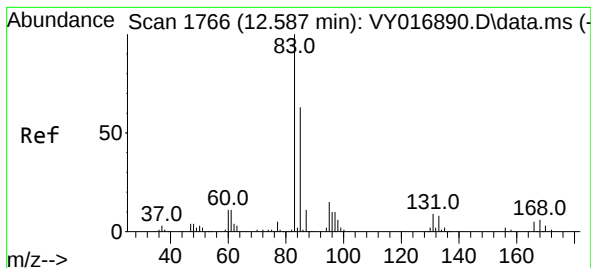
Reviewed By :Mahesh Dadoda 01/19/2024
Supervised By :Semsettin Yesilyurt 01/19/2024



#74
N-ethyl acetate
Concen: 23.003 ug/l
RT: 12.166 min Scan# 1697
Delta R.T. 0.012 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

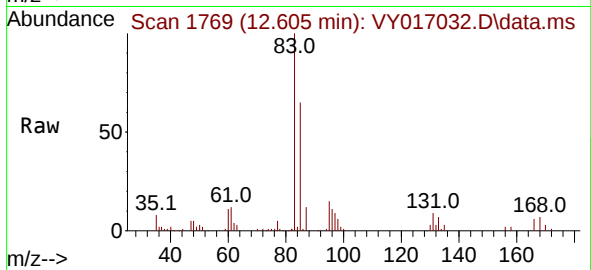
Tgt Ion: 43 Resp: 32882
Ion Ratio Lower Upper
43 100
70 46.2 36.6 55.0
55 27.8 22.2 33.4
61 24.8 20.2 30.4





#75
1,1,2,2-Tetrachloroethane
Concen: 22.526 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.012 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

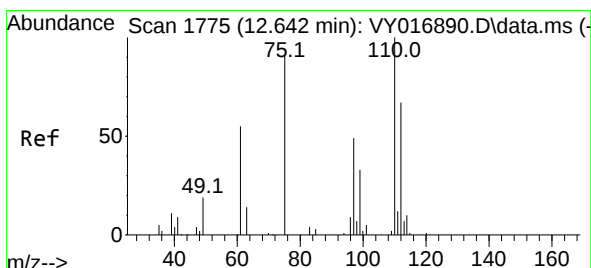
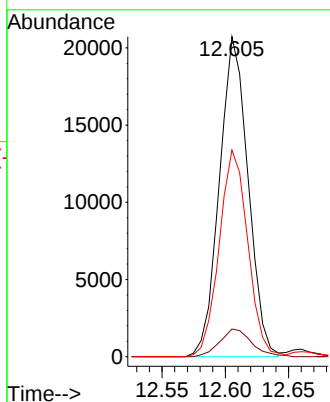
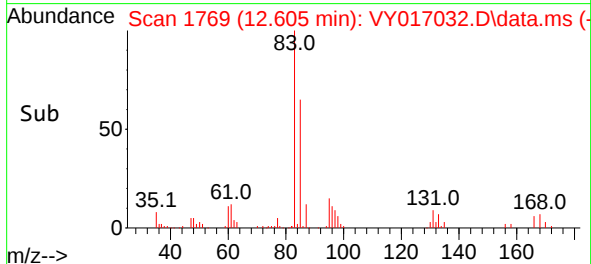
Instrument :
MSVOA_Y
ClientSampleId :
VY0118SBSD01



Tgt Ion: 83 Resp: 3265
Ion Ratio Lower Upper
83 100
131 9.6 4.9 14.6
85 64.4 32.6 98.0

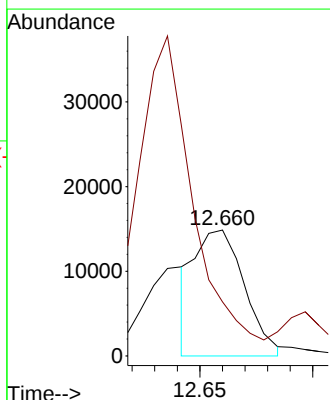
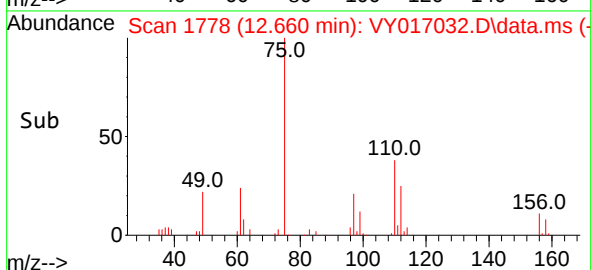
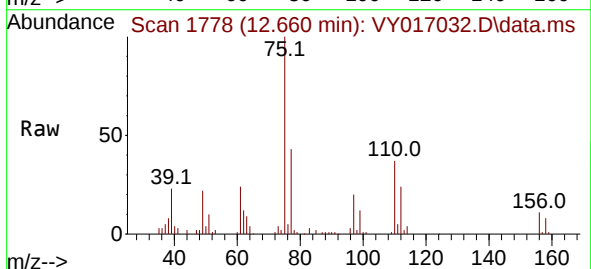
Manual Integrations
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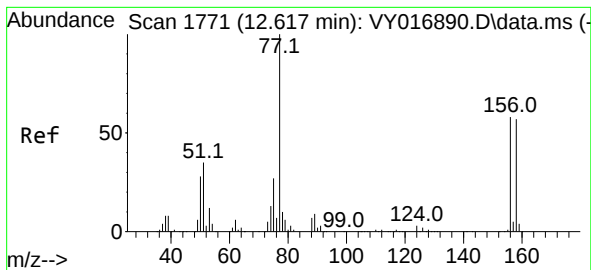
Reviewed By :Mahesh Dadoda 01/19/2024
Supervised By :Semsettin Yesilyurt 01/19/2024



#76
1,2,3-Trichloropropane
Concen: 24.113 ug/l m
RT: 12.660 min Scan# 1778
Delta R.T. 0.018 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

Tgt Ion: 75 Resp: 22798
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.773 ug/l

RT: 12.636 min Scan# 1771

Delta R.T. 0.019 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Instrument :

MSVOA_Y

ClientSampleId :

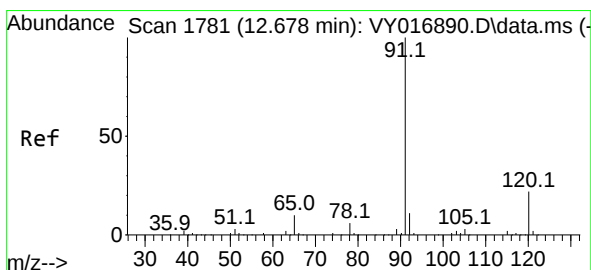
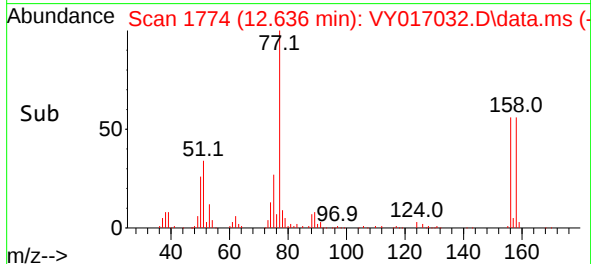
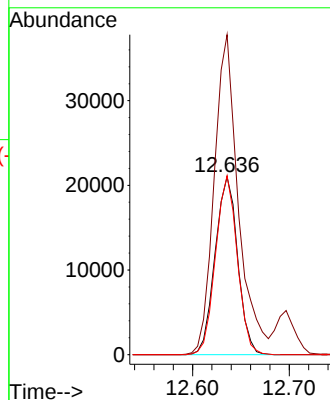
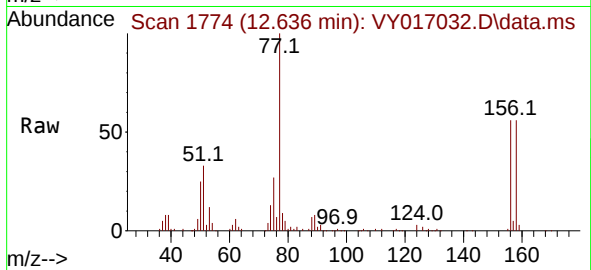
VY0118SBS01

Tgt Ion:	156	Resp:	3410
Ion Ratio	Lower	Upper	
156	100		
77	192.3	97.3	291.8
158	96.7	48.4	145.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/19/2024
Supervised By :Semsettin Yesilyurt 01/19/2024



#78

n-propylbenzene

Concen: 21.955 ug/l

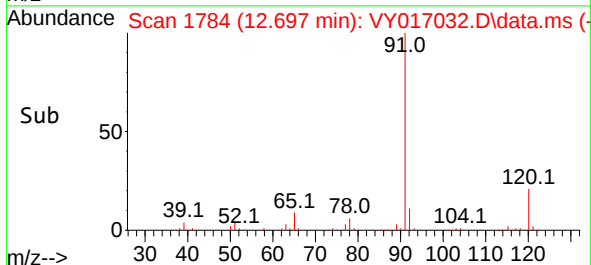
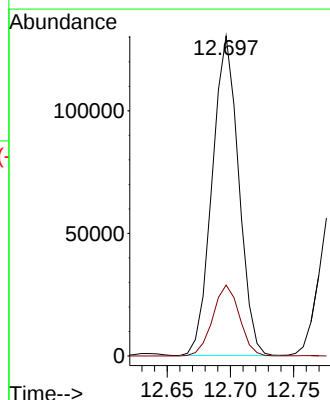
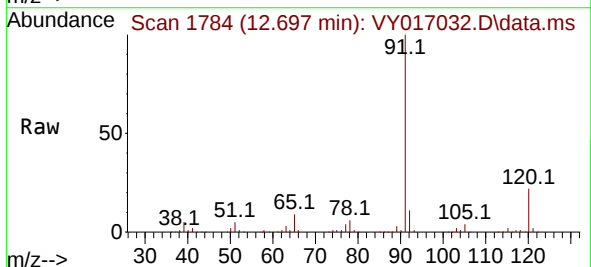
RT: 12.697 min Scan# 1784

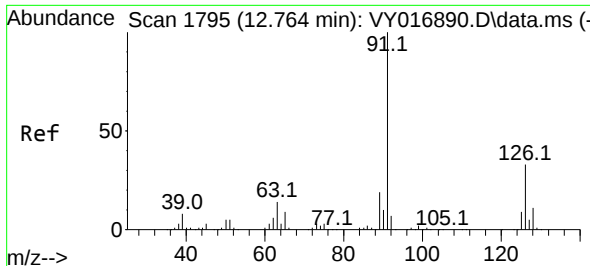
Delta R.T. 0.019 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Tgt Ion:	91	Resp:	189900
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.0	33.0





#79

2-Chlorotoluene

Concen: 21.367 ug/l

RT: 12.782 min Scan# 11

Delta R.T. 0.019 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0118SBS01

Tgt Ion: 91 Resp: 10248

Ion Ratio Lower Upper

91 100

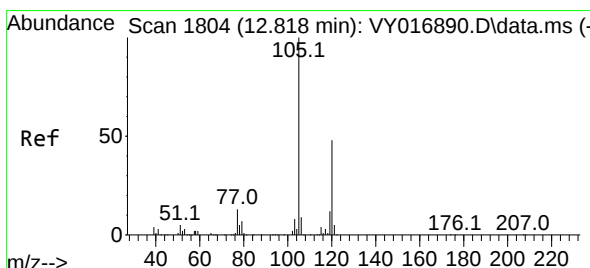
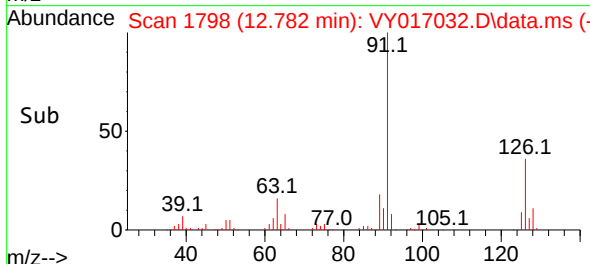
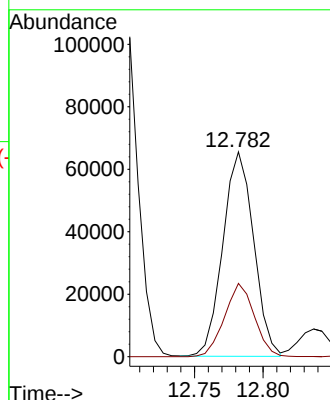
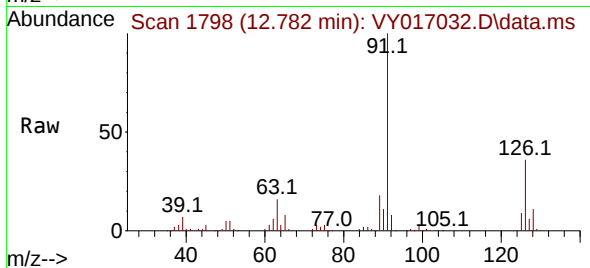
126 34.8 17.0 51.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/19/2024

Supervised By :Semsettin Yesilyurt 01/19/2024



#80

1,3,5-Trimethylbenzene

Concen: 22.267 ug/l

RT: 12.837 min Scan# 1807

Delta R.T. 0.019 min

Lab File: VY017032.D

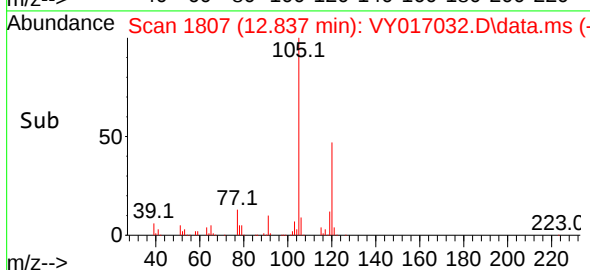
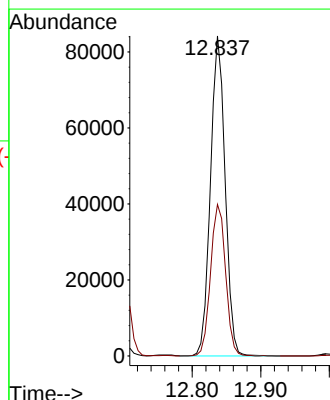
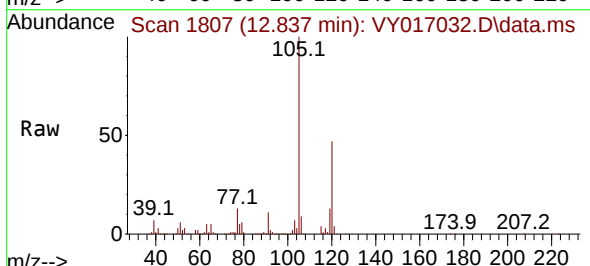
Acq: 18 Jan 2024 11:59

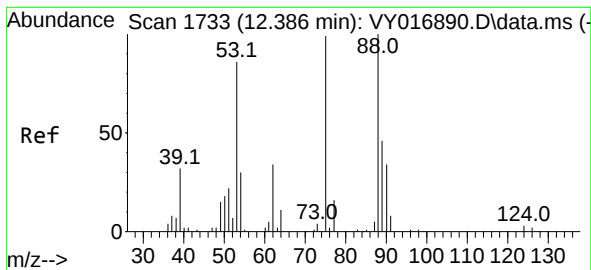
Tgt Ion:105 Resp: 125294

Ion Ratio Lower Upper

105 100

120 48.4 24.3 72.8





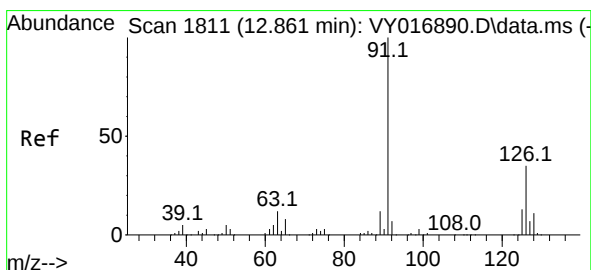
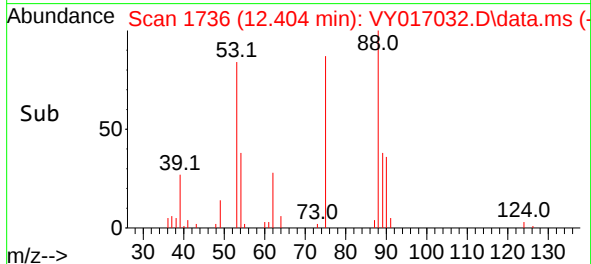
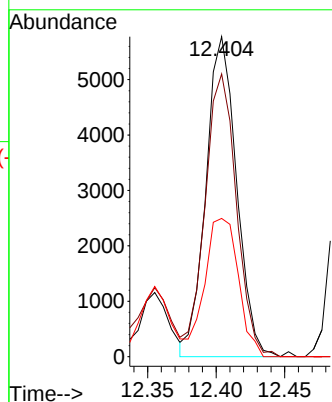
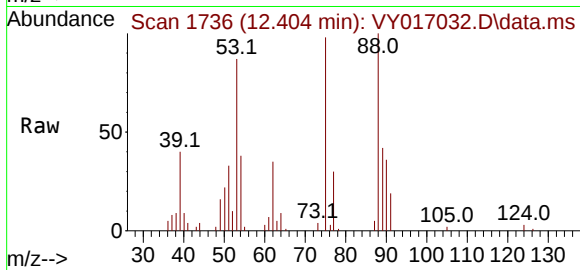
#81
trans-1,4-Dichloro-2-butene
Concen: 21.613 ug/l
RT: 12.404 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0118SBSD01

Tgt Ion: 75 Resp: 899
Ion Ratio Lower Upper
75 100
53 90.3 74.0 111.0
89 46.7 36.5 54.7

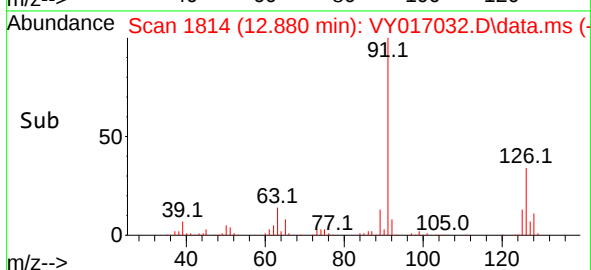
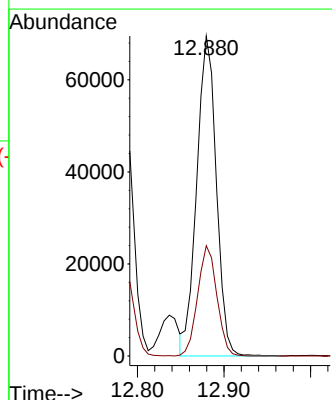
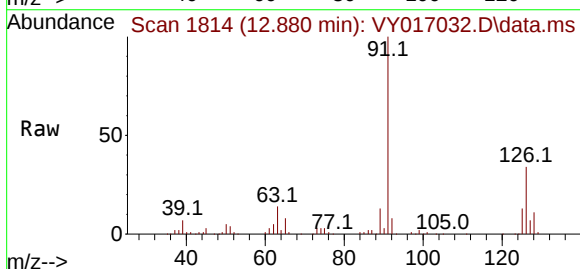
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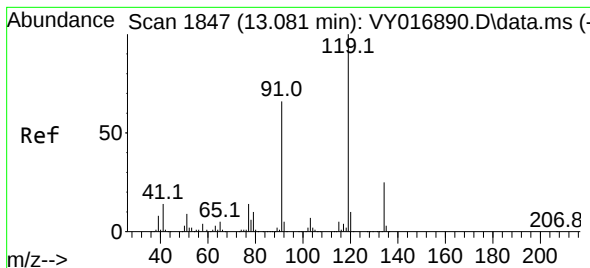
Reviewed By :Mahesh Dadoda 01/19/2024
Supervised By :Semsettin Yesilyurt 01/19/2024



#82
4-Chlorotoluene
Concen: 22.271 ug/l
RT: 12.880 min Scan# 1814
Delta R.T. 0.019 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

Tgt Ion: 91 Resp: 109129
Ion Ratio Lower Upper
91 100
126 33.8 17.1 51.2





#83

tert-Butylbenzene

Concen: 22.211 ug/l

RT: 13.099 min Scan# 1847

Delta R.T. 0.012 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0118SBS01

Tgt Ion:119 Resp: 11008

Ion Ratio Lower Upper

119 100

91 65.3 31.5 94.5

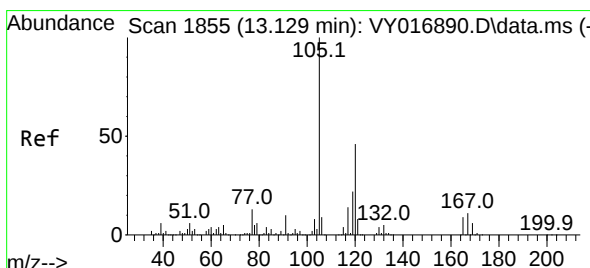
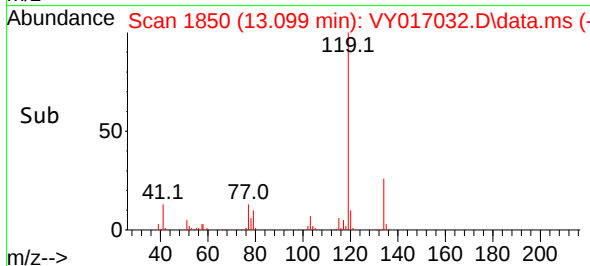
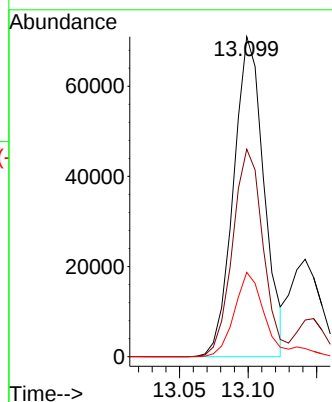
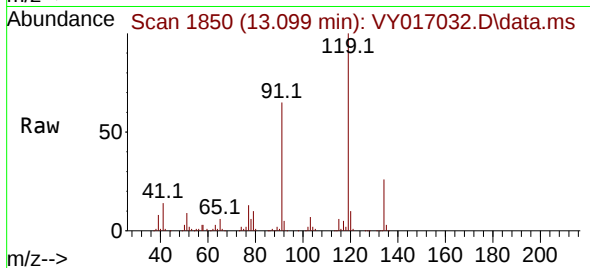
134 27.4 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/19/2024

Supervised By :Semsettin Yesilyurt 01/19/2024



#84

1,2,4-Trimethylbenzene

Concen: 22.199 ug/l

RT: 13.148 min Scan# 1858

Delta R.T. 0.019 min

Lab File: VY017032.D

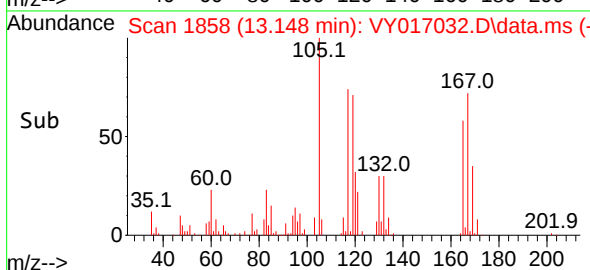
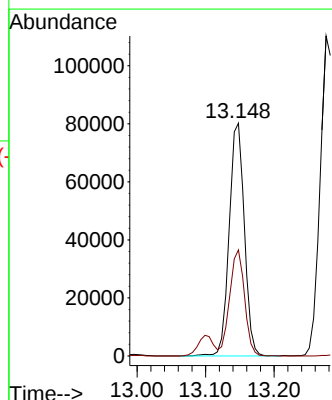
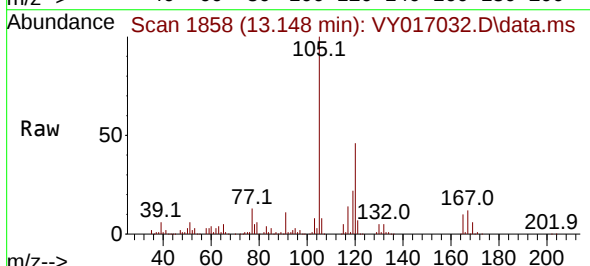
Acq: 18 Jan 2024 11:59

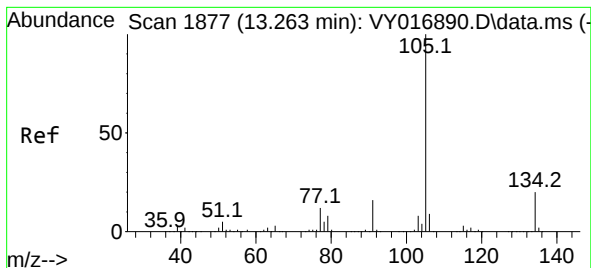
Tgt Ion:105 Resp: 123012

Ion Ratio Lower Upper

105 100

120 44.8 22.1 66.3





#85

sec-Butylbenzene

Concen: 22.401 ug/l

RT: 13.276 min Scan# 1879

Delta R.T. 0.013 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0118SBSD01

Tgt Ion:105 Resp: 16450

Ion Ratio Lower Upper

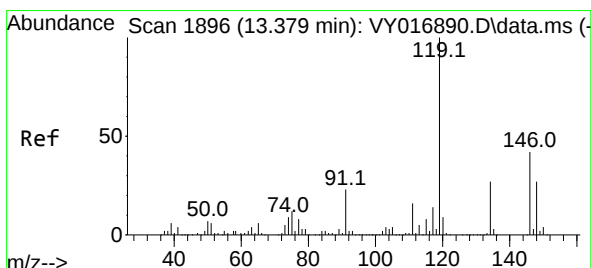
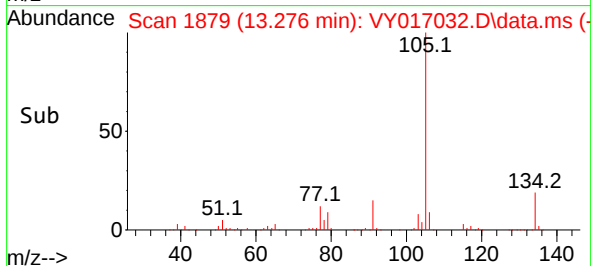
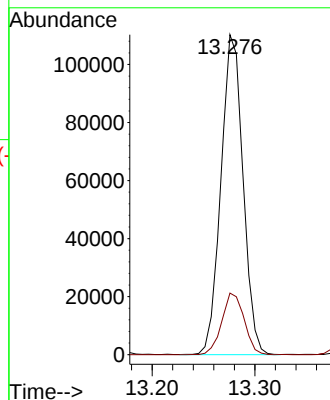
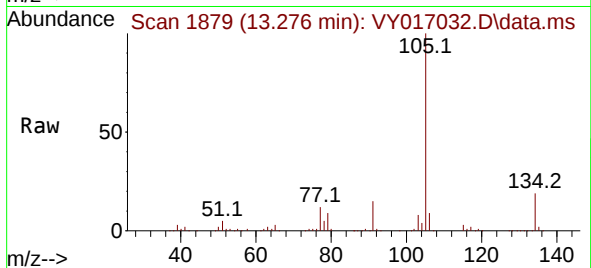
105 100

134 19.5 9.7 28.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/19/2024
Supervised By :Semsettin Yesilyurt 01/19/2024



#86

p-Isopropyltoluene

Concen: 22.034 ug/l

RT: 13.392 min Scan# 1898

Delta R.T. 0.013 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

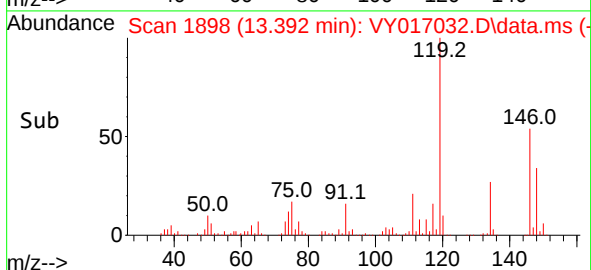
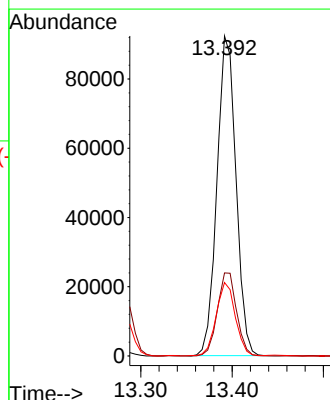
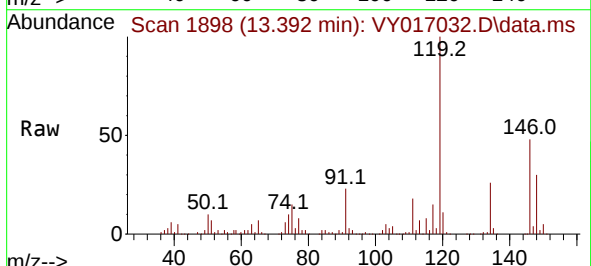
Tgt Ion:119 Resp: 133543

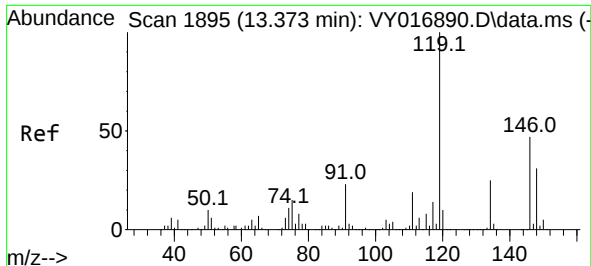
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.1

91 23.0 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 21.590 ug/l

RT: 13.392 min Scan# 11

Delta R.T. 0.019 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0118SBS01

Tgt Ion:146 Resp: 6632

Ion Ratio Lower Upper

146 100

111 39.3 20.2 60.5

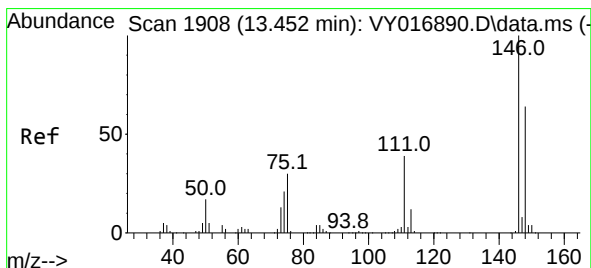
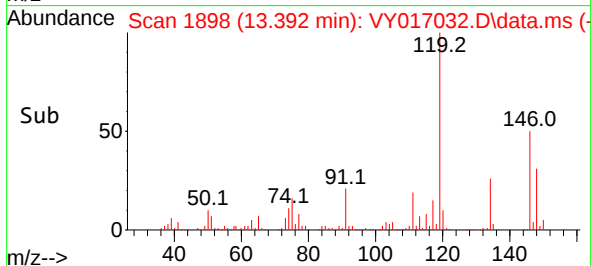
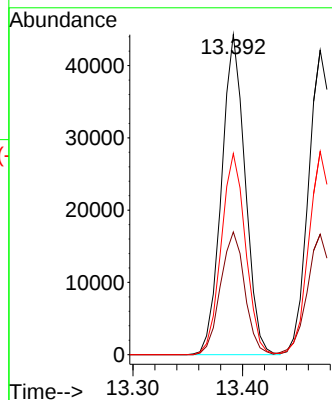
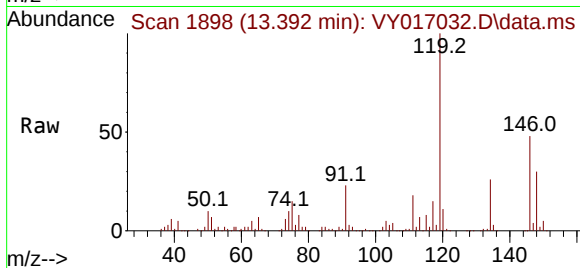
148 64.7 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/19/2024

Supervised By :Semsettin Yesilyurt 01/19/2024



#88

1,4-Dichlorobenzene

Concen: 21.763 ug/l

RT: 13.471 min Scan# 1911

Delta R.T. 0.019 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

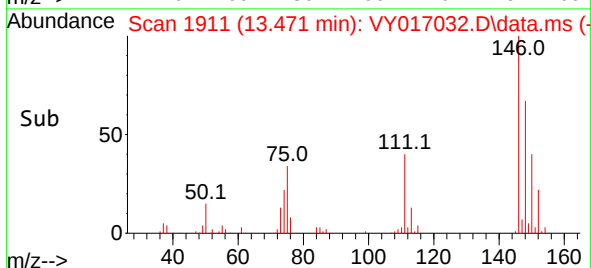
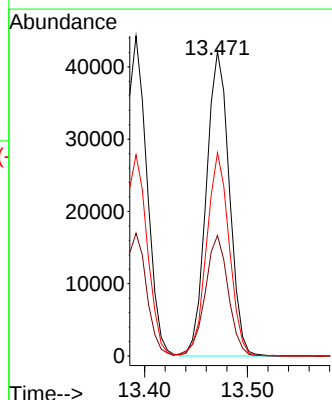
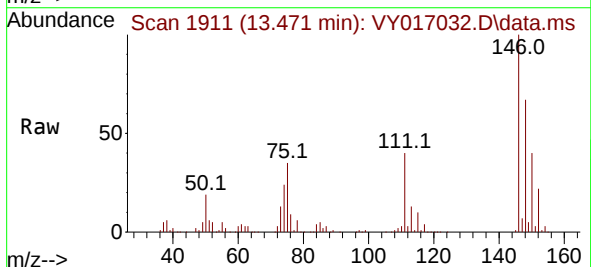
Tgt Ion:146 Resp: 65395

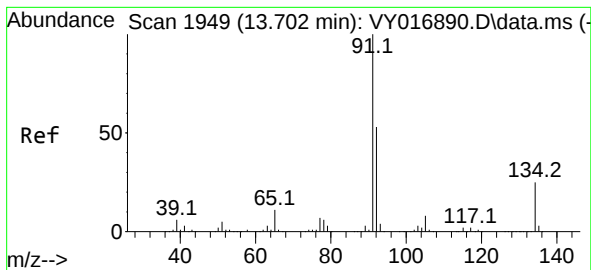
Ion Ratio Lower Upper

146 100

111 39.9 19.3 57.9

148 65.5 31.6 94.7





#89

n-Butylbenzene

Concen: 22.088 ug/l

RT: 13.721 min Scan# 1949

Delta R.T. 0.019 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0118SBS01

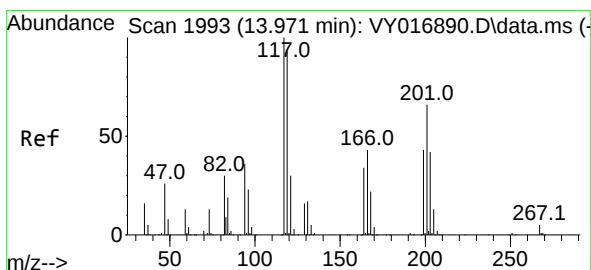
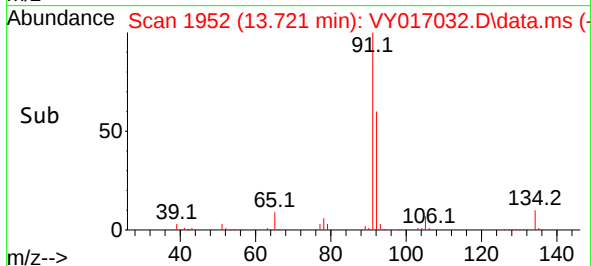
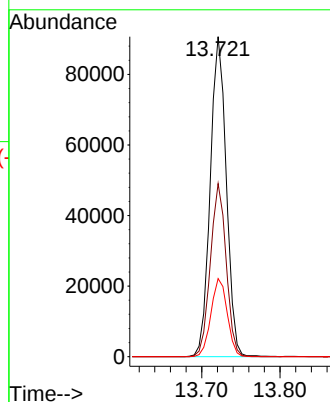
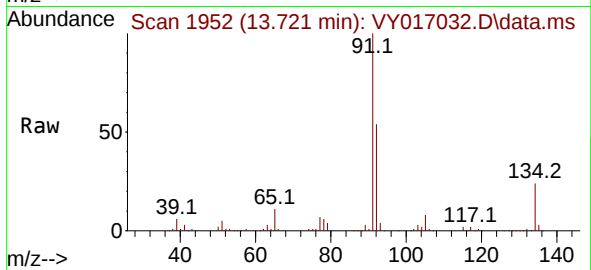
Tgt Ion: 91 Resp: 12871

Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.4	79.2
134	24.7	12.3	36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/19/2024
Supervised By :Semsettin Yesilyurt 01/19/2024



#90

Hexachloroethane

Concen: 21.798 ug/l

RT: 13.989 min Scan# 1996

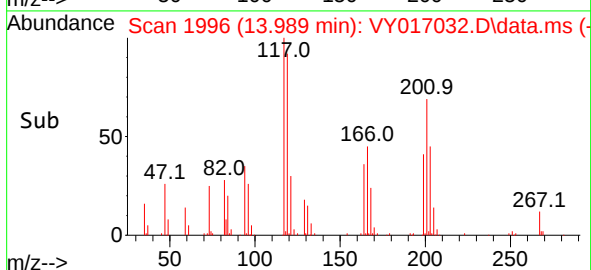
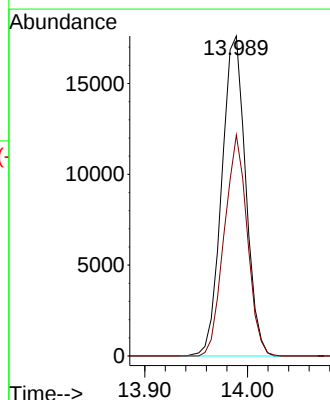
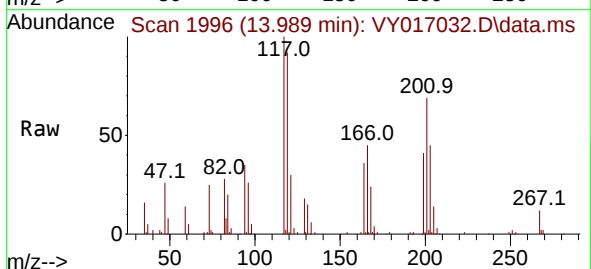
Delta R.T. 0.018 min

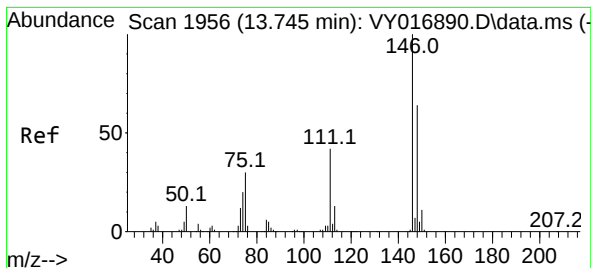
Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Tgt Ion:117 Resp: 28388

Ion	Ratio	Lower	Upper
117	100		
201	66.6	33.4	100.1





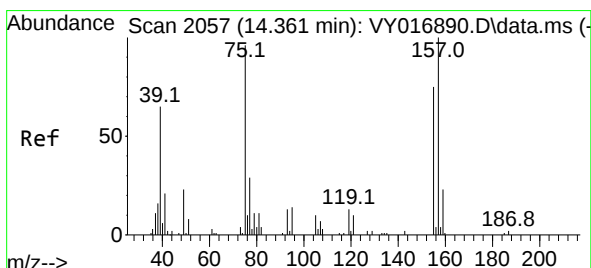
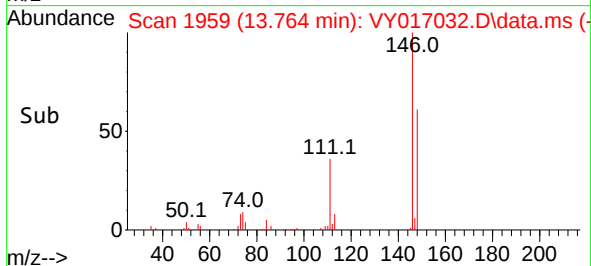
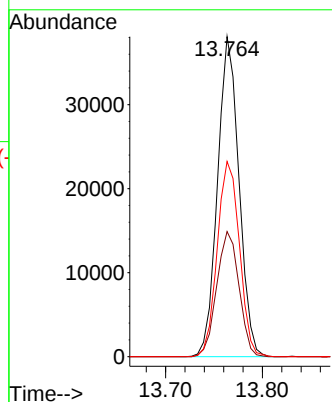
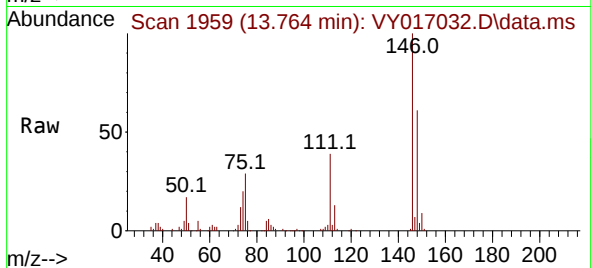
#91
1,2-Dichlorobenzene
Concen: 22.050 ug/l
RT: 13.764 min Scan# 1959
Delta R.T. 0.013 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0118SBS01

Tgt Ion:146 Resp: 5854
Ion Ratio Lower Upper
146 100
111 40.6 20.5 61.6
148 63.1 31.4 94.3

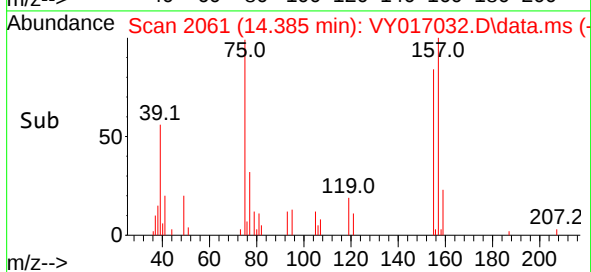
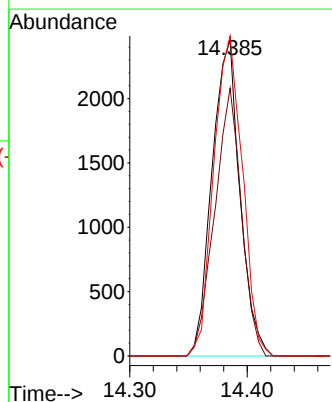
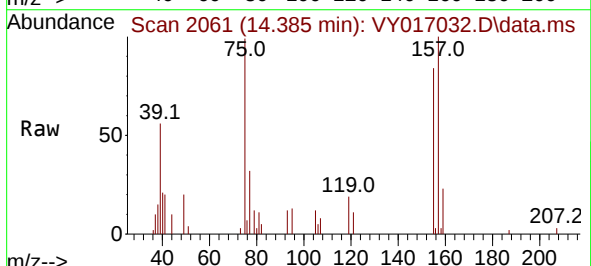
Manual Integrations
APPROVED

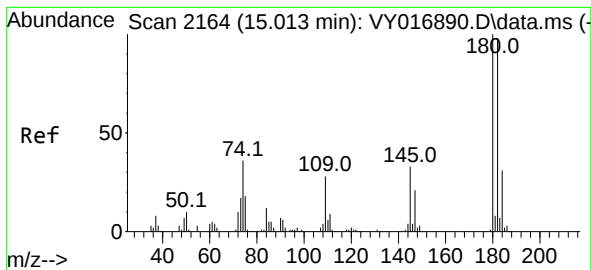
Reviewed By :Mahesh Dadoda 01/19/2024
Supervised By :Semsettin Yesilyurt 01/19/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.262 ug/l
RT: 14.385 min Scan# 2061
Delta R.T. 0.018 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

Tgt Ion: 75 Resp: 4047
Ion Ratio Lower Upper
75 100
155 81.2 42.1 126.3
157 104.2 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 22.661 ug/l

RT: 15.032 min Scan# 2167

Delta R.T. 0.013 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Instrument :

MSVOA_Y

ClientSampleId :

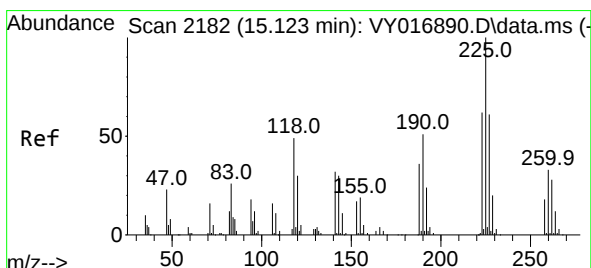
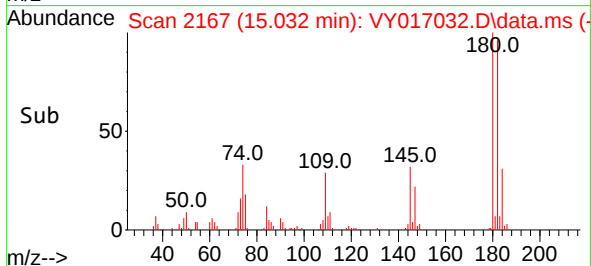
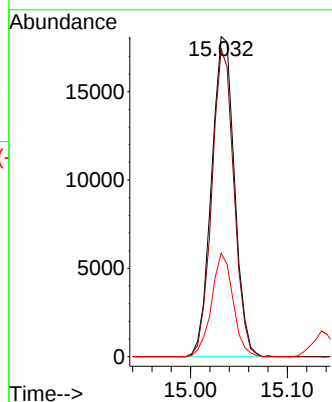
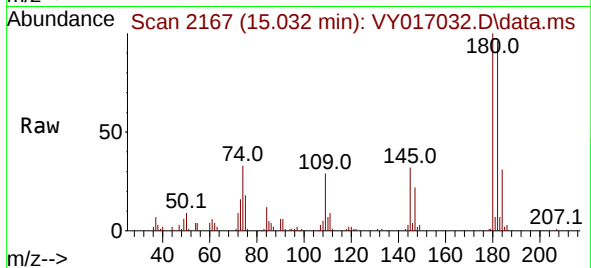
VY0118SBS01

Tgt Ion:180	Resp:	29870
Ion Ratio	Lower	Upper
180	100	
182	92.5	47.9 143.7
145	30.3	15.9 47.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/19/2024
Supervised By :Semsettin Yesilyurt 01/19/2024



#94

Hexachlorobutadiene

Concen: 22.038 ug/l

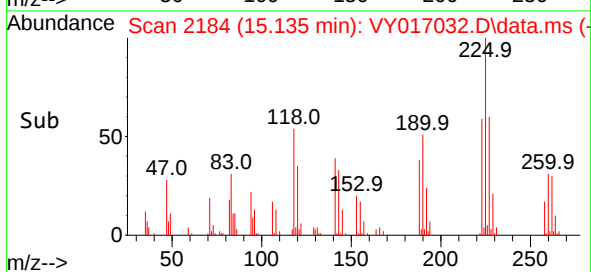
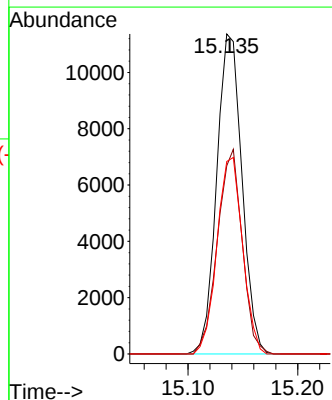
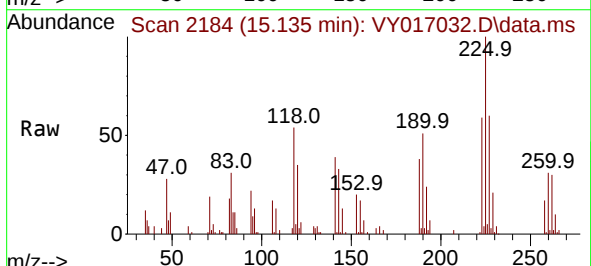
RT: 15.135 min Scan# 2184

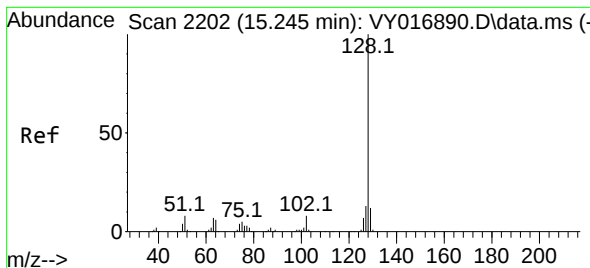
Delta R.T. 0.012 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Tgt Ion:225	Resp:	18201
Ion Ratio	Lower	Upper
225	100	
223	62.6	31.4 94.3
227	62.2	32.3 96.8





#95

Naphthalene

Concen: 23.542 ug/l

RT: 15.263 min Scan# 21

Delta R.T. 0.018 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Instrument :

MSVOA_Y

ClientSampleId :

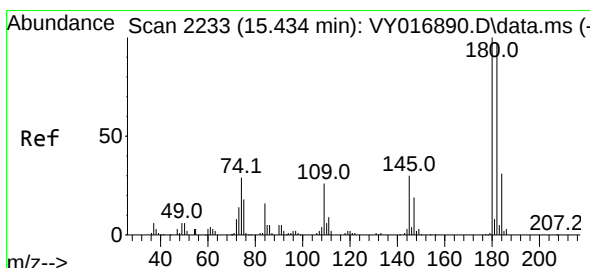
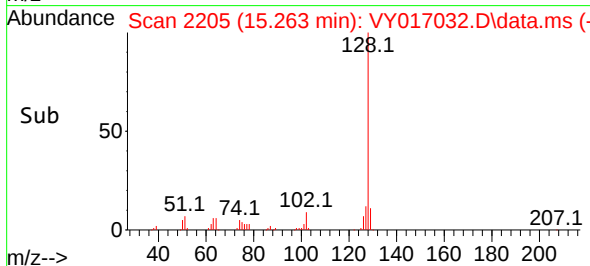
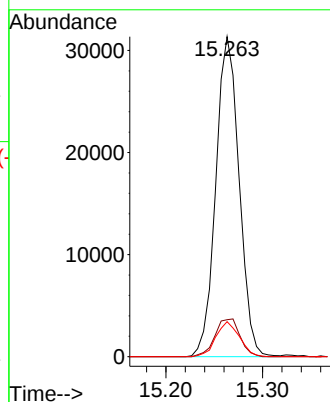
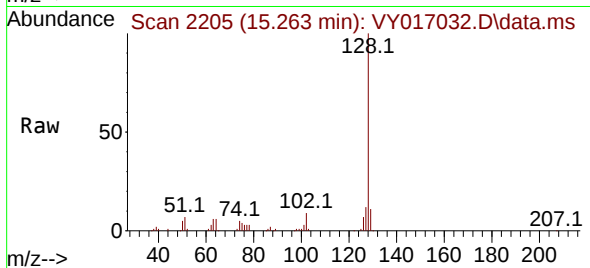
VY0118SBS01

Tgt Ion:128	Resp:	5255
Ion Ratio	Lower	Upper
128	100	
127	12.7	10.2 15.4
129	11.0	8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/19/2024
Supervised By :Semsettin Yesilyurt 01/19/2024



#96

1,2,3-Trichlorobenzene

Concen: 21.977 ug/l

RT: 15.452 min Scan# 2236

Delta R.T. 0.018 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Tgt Ion:180	Resp:	24602
Ion Ratio	Lower	Upper
180	100	
182	94.5	46.3 138.8
145	32.1	16.1 48.2

