

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011724\
 Data File : VY017013.D
 Acq On : 17 Jan 2024 16:09
 Operator : SY/MD
 Sample : VY0117SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0117SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/18/2024
 Supervised By :Mahesh Dadoda 01/18/2024

Quant Time: Jan 17 16:32:34 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	135053	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	229683	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	192621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.446	152	80522	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	56495	42.324	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	84.640%		
35) Dibromofluoromethane	7.746	113	62089	42.421	ug/l	0.02
Spiked Amount 50.000	Range 54 - 147		Recovery =	84.840%		
50) Toluene-d8	10.203	98	209318	41.531	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery =	83.060%		
62) 4-Bromofluorobenzene	12.501	95	69152	40.667	ug/l	0.01
Spiked Amount 50.000	Range 30 - 143		Recovery =	81.340%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	17801	15.443	ug/l	99
3) Chloromethane	2.131	50	26325	16.593	ug/l	94
4) Vinyl Chloride	2.272	62	33834	18.080	ug/l	100
5) Bromomethane	2.668	94	26074	19.449	ug/l	94
6) Chloroethane	2.814	64	23925	18.900	ug/l	94
7) Trichlorofluoromethane	3.149	101	43507	18.869	ug/l	93
8) Diethyl Ether	3.552	74	13528	18.359	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.930	101	28465	18.986	ug/l	100
10) Methyl Iodide	4.125	142	20523	16.091	ug/l	99
11) Tert butyl alcohol	4.984	59	11777	101.568	ug/l	95
12) 1,1-Dichloroethene	3.905	96	23229	18.058	ug/l	95
13) Acrolein	3.759	56	12224	78.584	ug/l	99
14) Allyl chloride	4.515	41	37188	18.287	ug/l	98
15) Acrylonitrile	5.198	53	31592	91.659	ug/l	99
16) Acetone	3.979	43	42252	115.441	ug/l	97
17) Carbon Disulfide	4.229	76	44314	14.418	ug/l	100
18) Methyl Acetate	4.509	43	23940	16.740	ug/l	100
19) Methyl tert-butyl Ether	5.259	73	66529	19.880	ug/l	98
20) Methylene Chloride	4.753	84	32709	13.377	ug/l	96
21) trans-1,2-Dichloroethene	5.265	96	26845	18.222	ug/l	95
22) Diisopropyl ether	6.155	45	92235	19.619	ug/l	98
23) Vinyl Acetate	6.094	43	211937	98.316	ug/l	98
24) 1,1-Dichloroethane	6.057	63	53836	19.056	ug/l	99
25) 2-Butanone	7.021	43	51102	106.624	ug/l	99
26) 2,2-Dichloropropane	7.015	77	47624	19.442	ug/l	98
27) cis-1,2-Dichloroethene	7.021	96	33488	19.391	ug/l	98
28) Bromochloromethane	7.368	49	19349	18.243	ug/l	100
29) Tetrahydrofuran	7.380	42	25446	94.188	ug/l	98
30) Chloroform	7.539	83	57302	19.682	ug/l	98
31) Cyclohexane	7.819	56	39438	17.215	ug/l #	87
32) 1,1,1-Trichloroethane	7.734	97	49305	19.973	ug/l	99
36) 1,1-Dichloropropene	7.947	75	38725	18.155	ug/l	99
37) Ethyl Acetate	7.106	43	17936	18.503	ug/l	99
38) Carbon Tetrachloride	7.935	117	41073	18.953	ug/l	99
39) Methylcyclohexane	9.209	83	40874	17.046	ug/l	97
40) Benzene	8.191	78	118036	18.447	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	10511m	20.589	ug/l	
42) 1,2-Dichloroethane	8.264	62	32380	19.062	ug/l	99
43) Isopropyl Acetate	8.301	43	34932	18.819	ug/l	99
44) Trichloroethene	8.965	130	30422	18.685	ug/l	95
45) 1,2-Dichloropropane	9.240	63	32099	19.472	ug/l	95
46) Dibromomethane	9.331	93	15816	18.813	ug/l	96
47) Bromodichloromethane	9.520	83	43996	19.488	ug/l	97
48) Methyl methacrylate	9.313	41	17556	17.525	ug/l	89
49) 1,4-Dioxane	9.325	88	3389	389.321	ug/l	99
51) 4-Methyl-2-Pentanone	10.093	43	95234	96.470	ug/l	99
52) Toluene	10.264	92	72082	18.666	ug/l	98
53) t-1,3-Dichloropropene	10.483	75	37800	18.693	ug/l	98
54) cis-1,3-Dichloropropene	9.947	75	46125	18.993	ug/l	97
55) 1,1,2-Trichloroethane	10.666	97	23502	19.135	ug/l	98
56) Ethyl methacrylate	10.532	69	19755	18.990	ug/l	98
57) 1,3-Dichloropropane	10.807	76	39450	19.238	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.807	63	38692	72.421	ug/l	99
59) 2-Hexanone	10.849	43	71814	98.795	ug/l	100
60) Dibromochloromethane	11.002	129	27249	19.238	ug/l	100
61) 1,2-Dibromoethane	11.111	107	20155	18.887	ug/l	99
64) Tetrachloroethene	10.740	164	23408	18.744	ug/l	99
65) Chlorobenzene	11.532	112	77671	19.356	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.611	131	29339	19.234	ug/l	97
67) Ethyl Benzene	11.611	91	138957	19.235	ug/l	97
68) m/p-Xylenes	11.721	106	101801	38.391	ug/l	98
69) o-Xylene	12.050	106	47916	19.275	ug/l	99
70) Styrene	12.063	104	70081	19.370	ug/l	99
71) Bromoform	12.227	173	14626	19.477	ug/l #	99
73) Isopropylbenzene	12.349	105	133748	20.340	ug/l	100
74) N-amyl acetate	12.160	43	26339	19.937	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.599	83	26664	19.902	ug/l	97
76) 1,2,3-Trichloropropane	12.648	75	18447m	21.111	ug/l	
77) Bromobenzene	12.629	156	28574	19.737	ug/l	99
78) n-propylbenzene	12.690	91	160513	20.079	ug/l	100
79) 2-Chlorotoluene	12.776	91	87937	19.838	ug/l	100
80) 1,3,5-Trimethylbenzene	12.831	105	104383	20.072	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.398	75	7176	18.648	ug/l	99
82) 4-Chlorotoluene	12.873	91	90375	19.956	ug/l	99
83) tert-Butylbenzene	13.093	119	92871	20.276	ug/l	99
84) 1,2,4-Trimethylbenzene	13.135	105	101747	19.867	ug/l	98
85) sec-Butylbenzene	13.270	105	138248	20.370	ug/l	100
86) p-Isopropyltoluene	13.385	119	111127	19.839	ug/l	99
87) 1,3-Dichlorobenzene	13.385	146	54617	19.236	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	53496	19.264	ug/l	97
89) n-Butylbenzene	13.715	91	104788	19.457	ug/l	99
90) Hexachloroethane	13.977	117	23514	19.536	ug/l	97
91) 1,2-Dichlorobenzene	13.757	146	47030	19.167	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	3128	18.618	ug/l	97
93) 1,2,4-Trichlorobenzene	15.025	180	21397	17.561	ug/l	98
94) Hexachlorobutadiene	15.129	225	13569	17.777	ug/l	99
95) Naphthalene	15.257	128	36371	17.995	ug/l	99
96) 1,2,3-Trichlorobenzene	15.446	180	17469	16.885	ug/l	98

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Instrument :
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ClientSampleId :
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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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

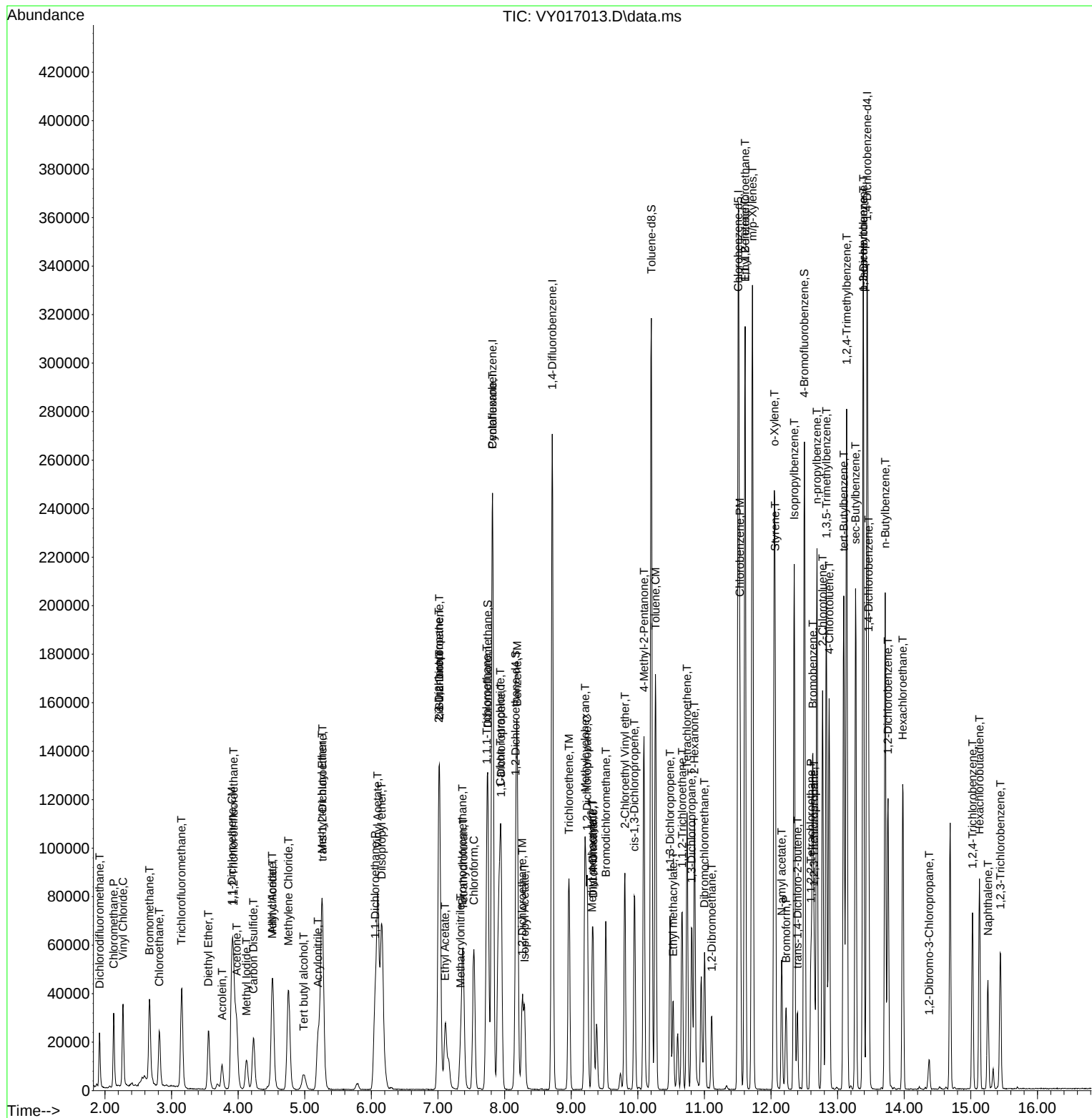
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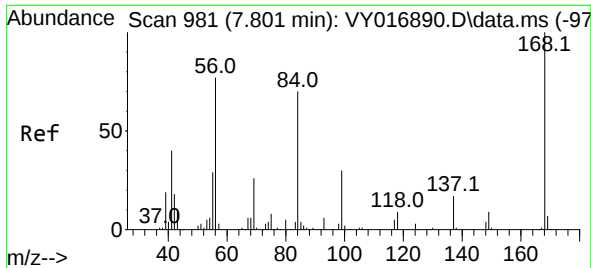
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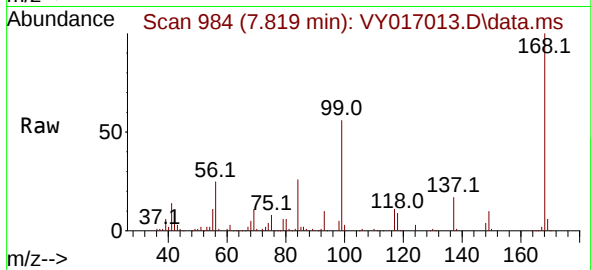
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 981
Delta R.T. 0.018 min
Lab File: VY017013.D
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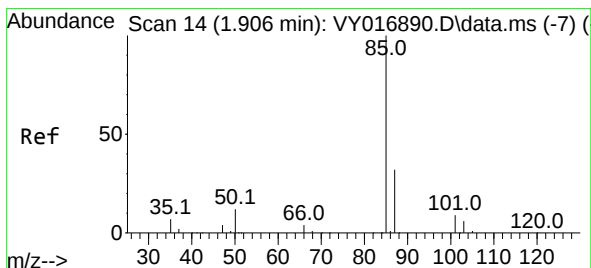
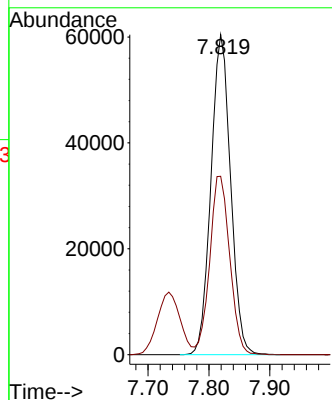
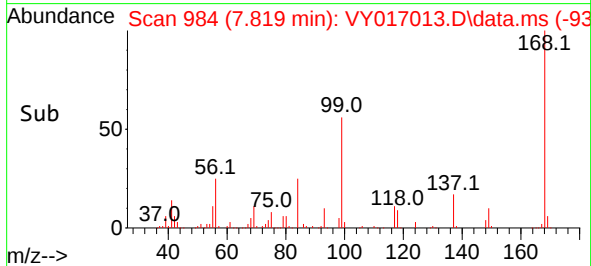
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBSD01



Tgt Ion:168 Resp: 13505
Ion Ratio Lower Upper
168 100
99 55.8 44.2 66.4

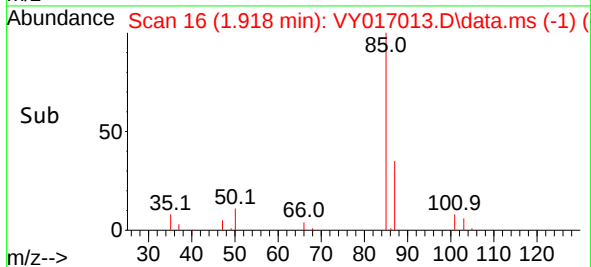
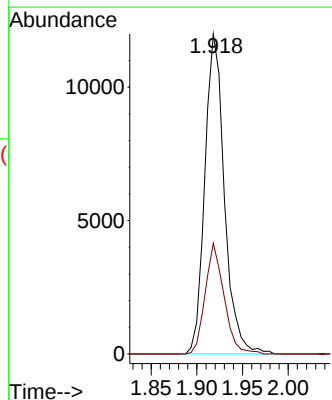
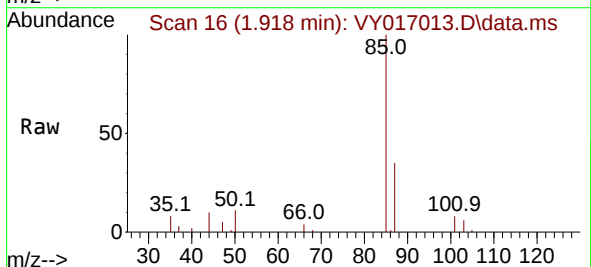
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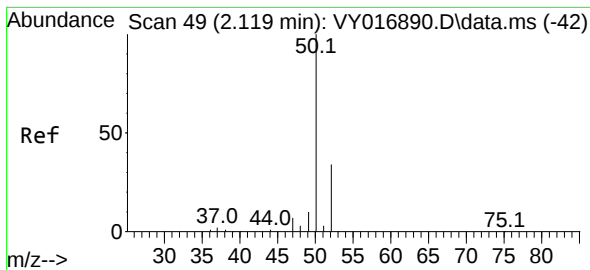
Reviewed By :Semsettin Yesilyurt 01/18/2024
Supervised By :Mahesh Dadoda 01/18/2024



#2
Dichlorodifluoromethane
Concen: 15.443 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.006 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09

Tgt Ion: 85 Resp: 17801
Ion Ratio Lower Upper
85 100
87 34.6 17.1 51.3





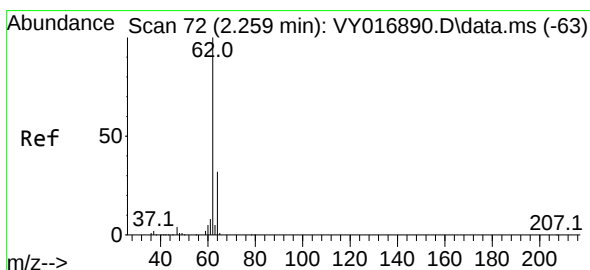
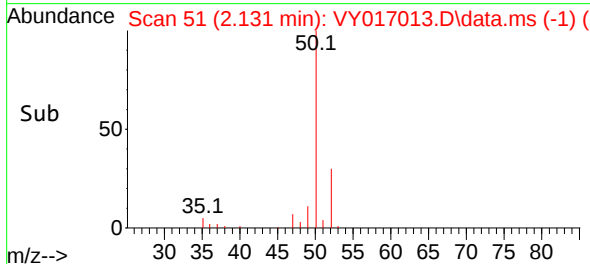
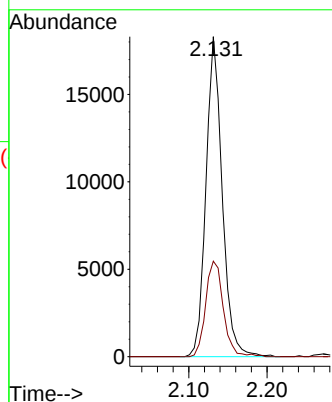
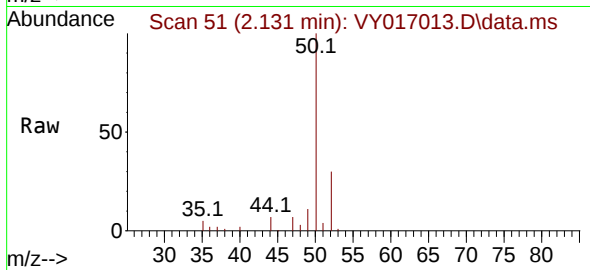
#3
Chloromethane
Concen: 16.593 ug/l
RT: 2.131 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion: 50 Resp: 26329
Ion Ratio Lower Upper
50 100
52 29.9 26.7 40.1

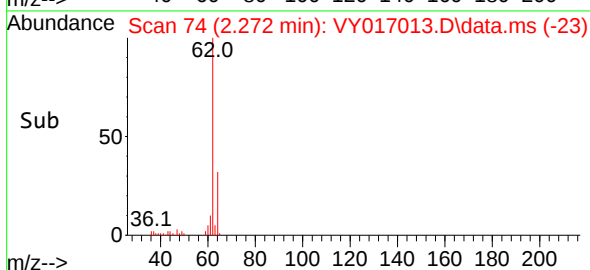
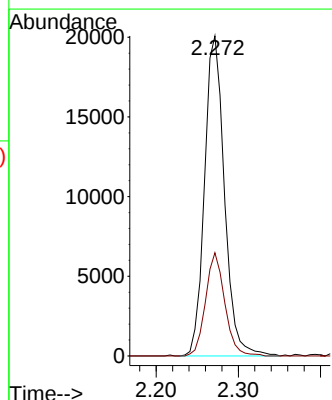
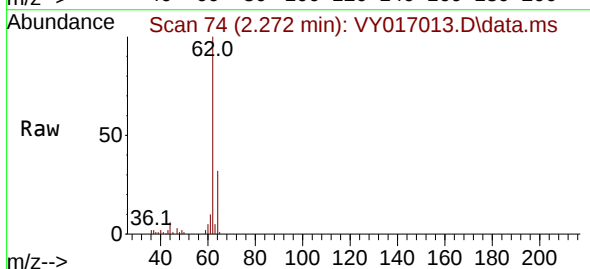
Manual Integrations
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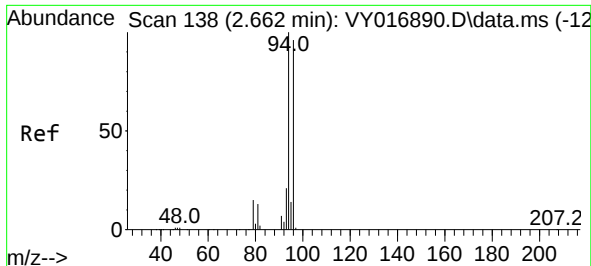
Reviewed By :Semsettin Yesilyurt 01/18/2024
Supervised By :Mahesh Dadoda 01/18/2024



#4
Vinyl Chloride
Concen: 18.080 ug/l
RT: 2.272 min Scan# 74
Delta R.T. 0.013 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09

Tgt Ion: 62 Resp: 33834
Ion Ratio Lower Upper
62 100
64 32.3 25.7 38.5





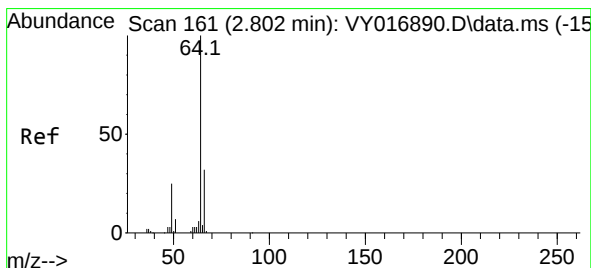
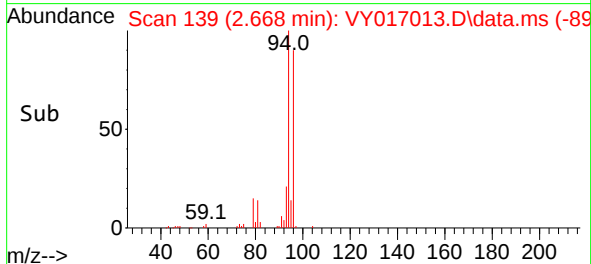
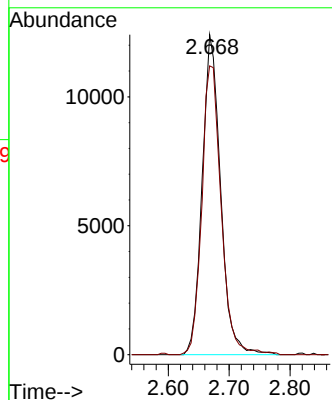
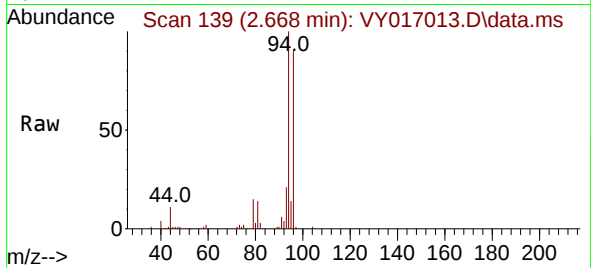
#5
Bromomethane
Concen: 19.449 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017013.D
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Instrument :
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Tgt Ion: 94 Resp: 26074
Ion Ratio Lower Upper
94 100
96 90.3 77.3 115.9

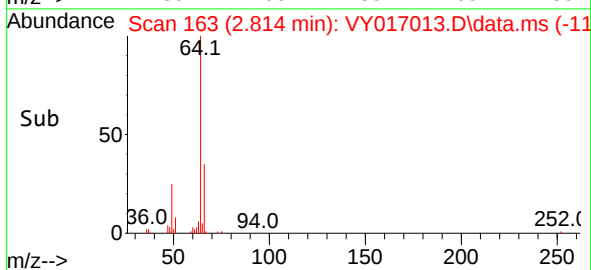
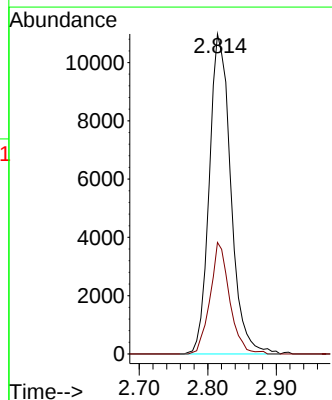
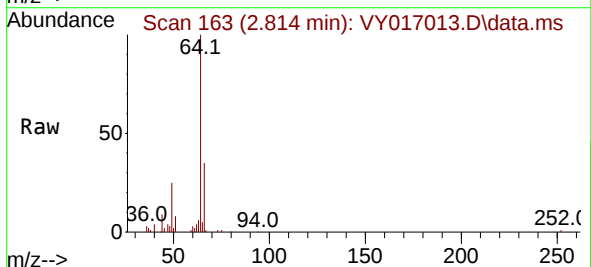
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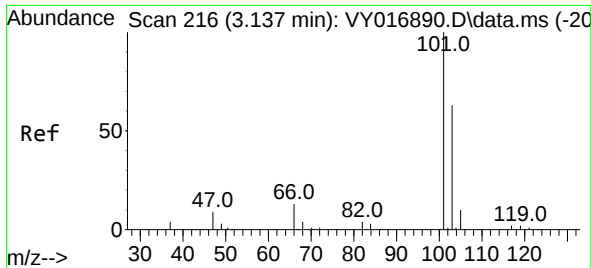
Reviewed By :Semsettin Yesilyurt 01/18/2024
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#6
Chloroethane
Concen: 18.900 ug/l
RT: 2.814 min Scan# 163
Delta R.T. 0.006 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09

Tgt Ion: 64 Resp: 23925
Ion Ratio Lower Upper
64 100
66 34.9 25.1 37.7





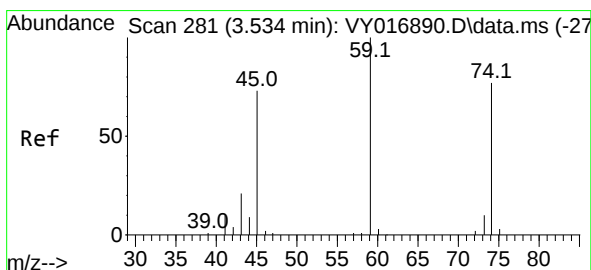
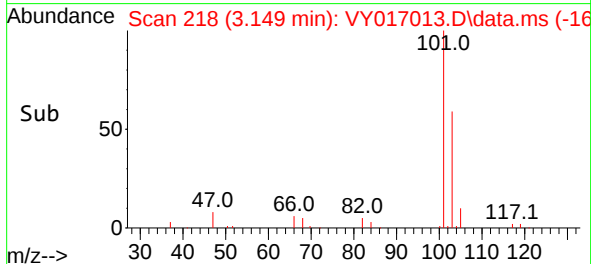
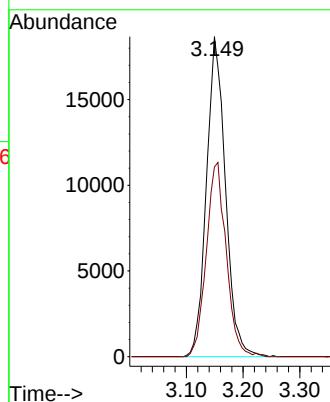
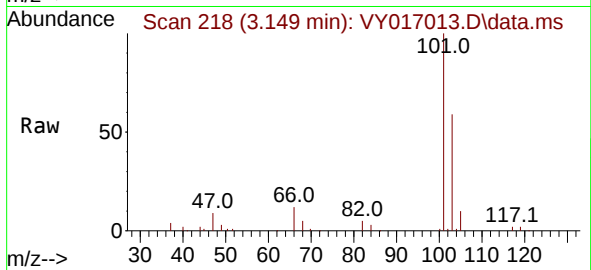
#7
Trichlorofluoromethane
Concen: 18.869 ug/l
RT: 3.149 min Scan# 216
Delta R.T. 0.012 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:101 Resp: 4350
Ion Ratio Lower Upper
101 100
103 59.3 51.9 77.9

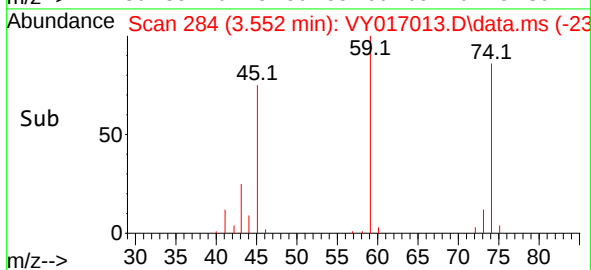
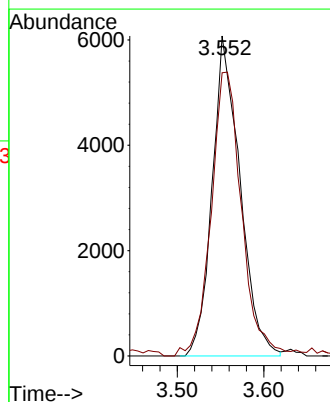
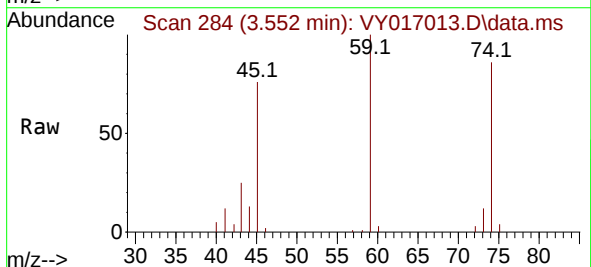
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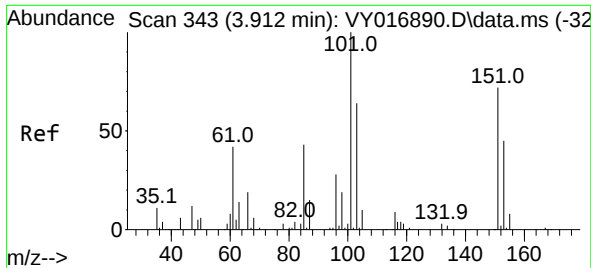
Reviewed By :Semsettin Yesilyurt 01/18/2024
Supervised By :Mahesh Dadoda 01/18/2024



#8
Diethyl Ether
Concen: 18.359 ug/l
RT: 3.552 min Scan# 284
Delta R.T. 0.012 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09

Tgt Ion: 74 Resp: 13528
Ion Ratio Lower Upper
74 100
45 97.7 47.9 143.7





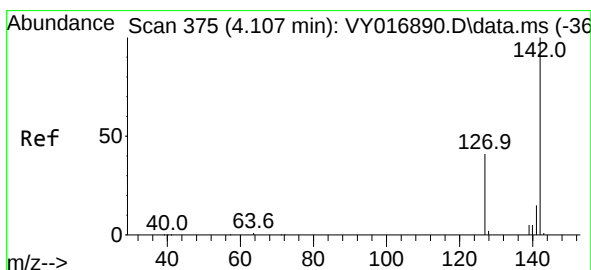
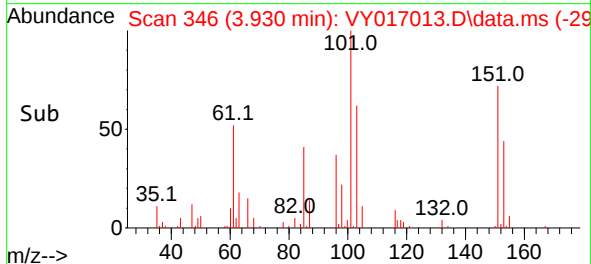
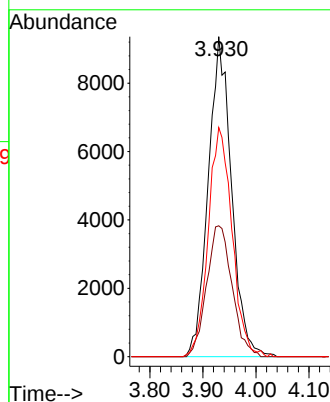
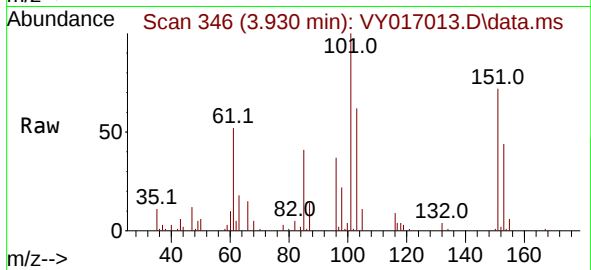
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.986 ug/l
RT: 3.930 min Scan# 343
Delta R.T. 0.019 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBSD01

Tgt Ion:101 Resp: 2846
Ion Ratio Lower Upper
101 100
85 44.7 35.8 53.6
151 73.4 58.6 88.0

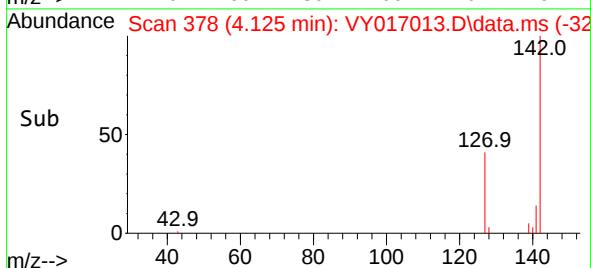
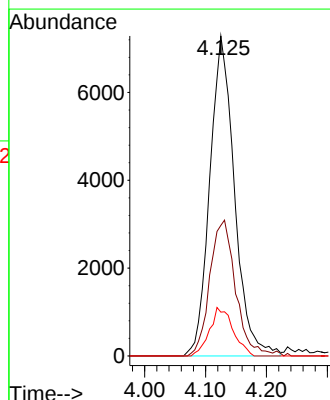
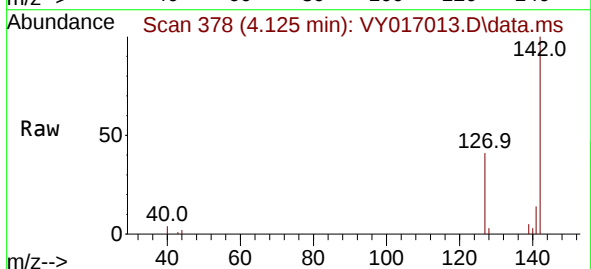
Manual Integrations
APPROVED

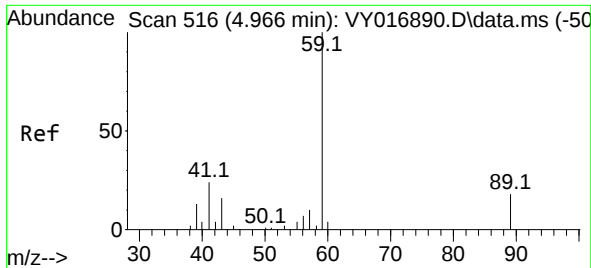
Reviewed By :Semsettin Yesilyurt 01/18/2024
Supervised By :Mahesh Dadoda 01/18/2024



#10
Methyl Iodide
Concen: 16.091 ug/l
RT: 4.125 min Scan# 378
Delta R.T. 0.019 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09

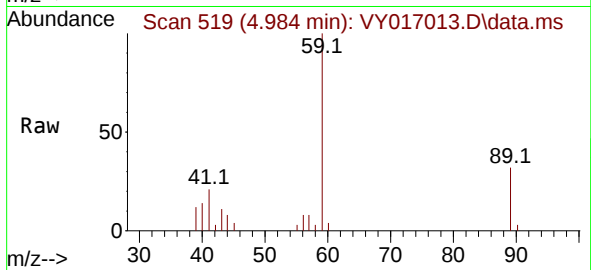
Tgt Ion:142 Resp: 20523
Ion Ratio Lower Upper
142 100
127 44.6 35.1 52.7
141 14.4 11.8 17.6





#11
Tert butyl alcohol
Concen: 101.568 ug/l
RT: 4.984 min Scan# 516
Delta R.T. 0.018 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09

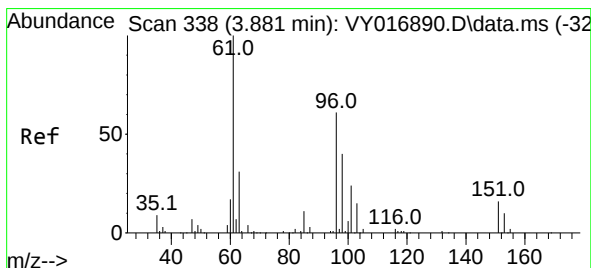
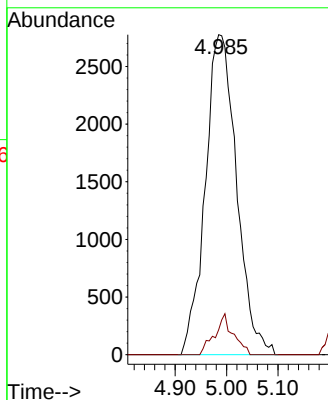
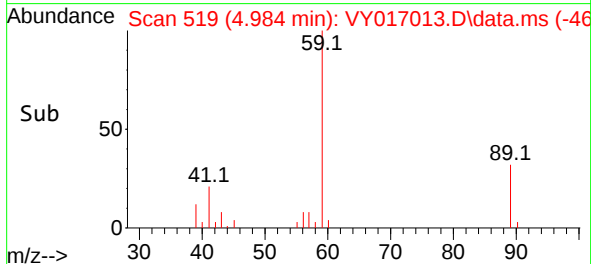
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBSD01



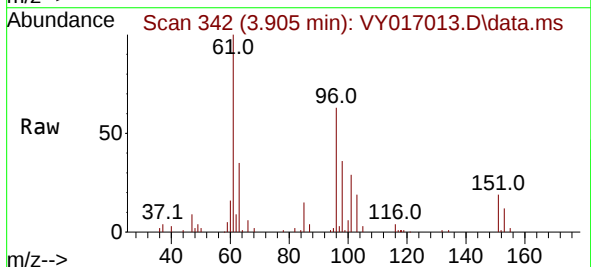
Tgt Ion: 59 Resp: 1177
Ion Ratio Lower Upper
59 100
57 7.5 7.4 11.0

Manual Integrations
APPROVED

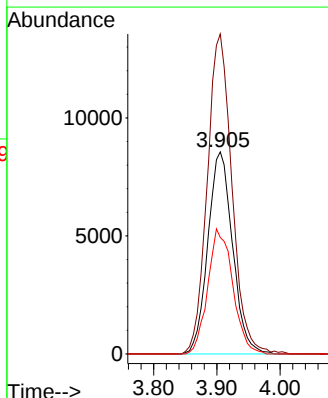
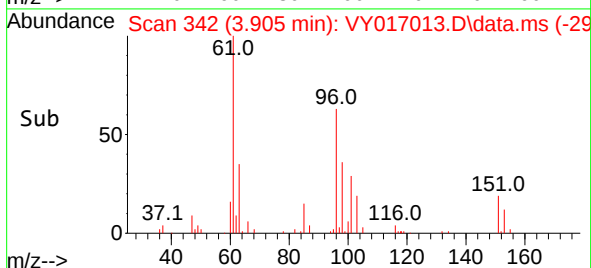
Reviewed By :Semsettin Yesilyurt 01/18/2024
Supervised By :Mahesh Dadoda 01/18/2024

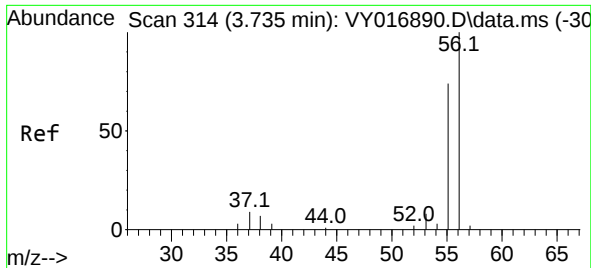


#12
1,1-Dichloroethene
Concen: 18.058 ug/l
RT: 3.905 min Scan# 342
Delta R.T. 0.018 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09



Tgt Ion: 96 Resp: 23229
Ion Ratio Lower Upper
96 100
61 158.4 124.2 186.2
98 57.7 52.6 79.0





#13

Acrolein

Concen: 78.584 ug/l

RT: 3.759 min Scan# 314

Delta R.T. 0.018 min

Lab File: VY017013.D

Acq: 17 Jan 2024 16:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBSD01

Tgt Ion: 56 Resp: 12224

Ion Ratio Lower Upper

56 100

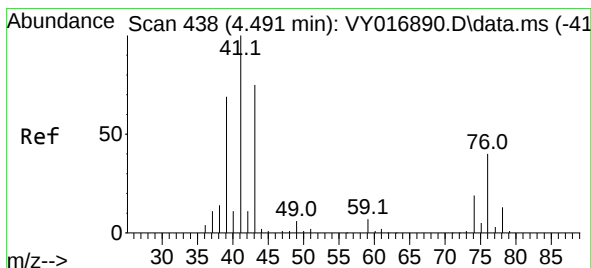
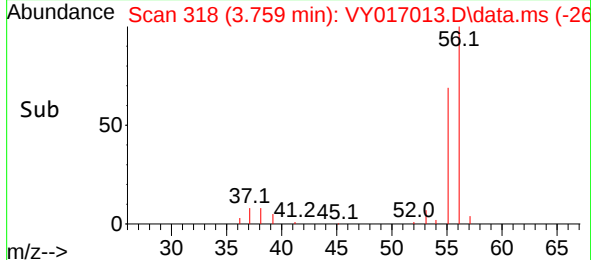
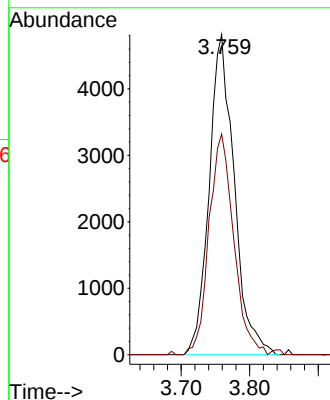
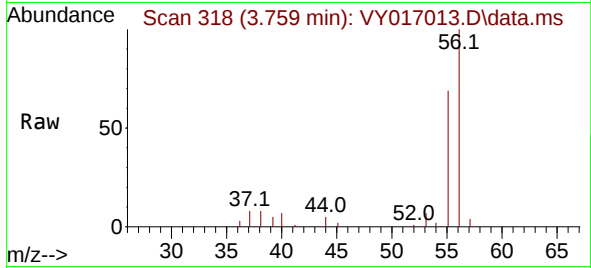
55 68.0 55.4 83.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/18/2024

Supervised By :Mahesh Dadoda 01/18/2024



#14

Allyl chloride

Concen: 18.287 ug/l

RT: 4.515 min Scan# 442

Delta R.T. 0.018 min

Lab File: VY017013.D

Acq: 17 Jan 2024 16:09

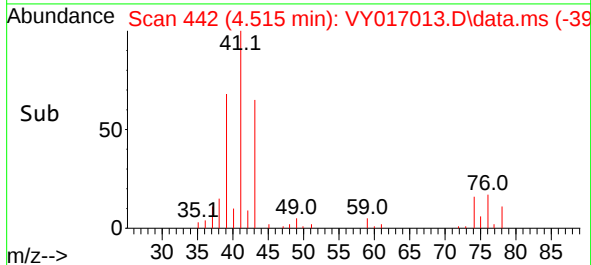
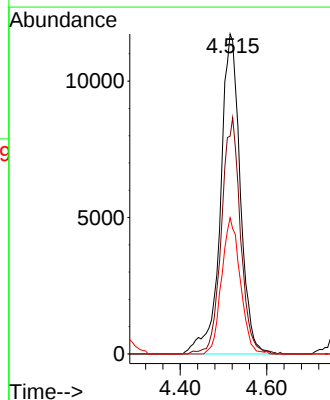
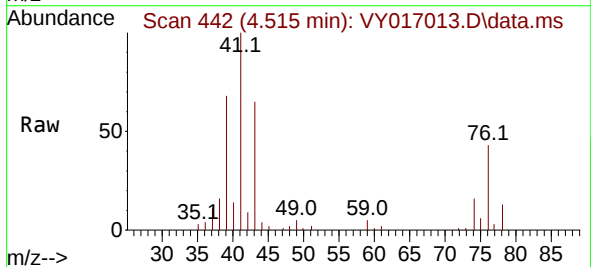
Tgt Ion: 41 Resp: 37188

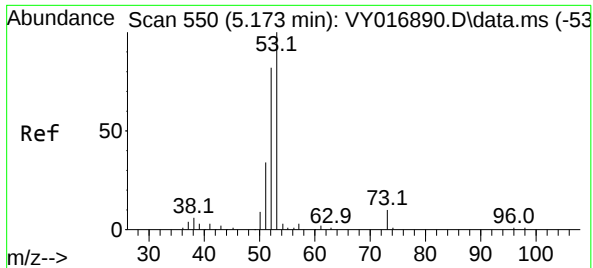
Ion Ratio Lower Upper

41 100

39 70.9 54.7 82.1

76 40.2 31.8 47.6





#15

Acrylonitrile

Concen: 91.659 ug/l

RT: 5.198 min Scan# 51

Delta R.T. 0.019 min

Lab File: VY017013.D

Acq: 17 Jan 2024 16:09

Instrument :

MSVOA_Y

ClientSampleId :

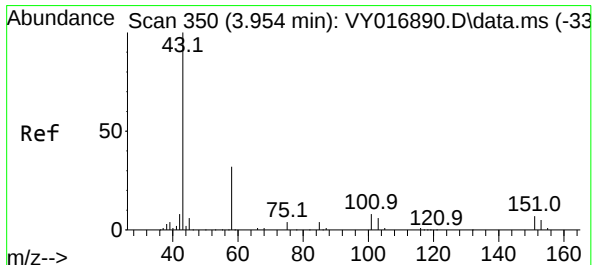
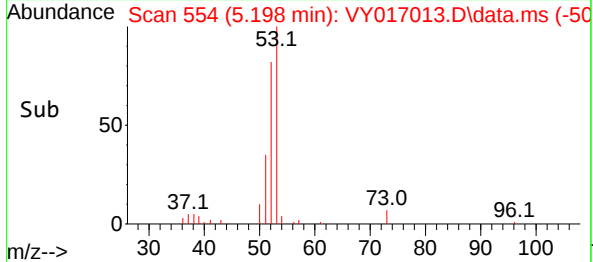
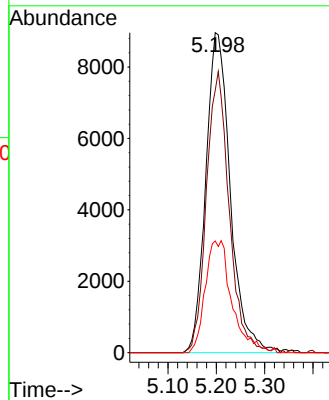
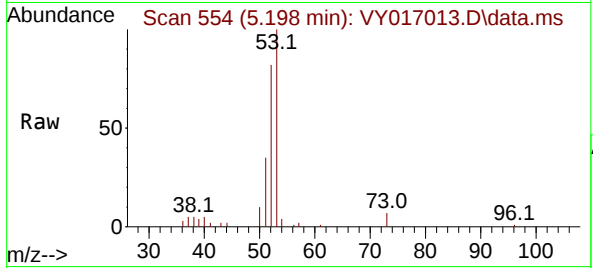
VY0117SBSD01

Tgt Ion: 53	Resp: 31592
Ion Ratio	Lower Upper
53	100
52	81.5 65.1 97.7
51	38.0 29.0 43.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/18/2024
Supervised By :Mahesh Dadoda 01/18/2024



#16

Acetone

Concen: 115.441 ug/l

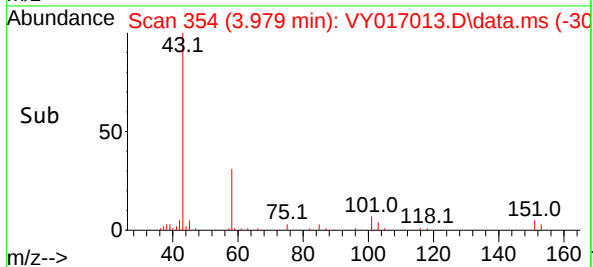
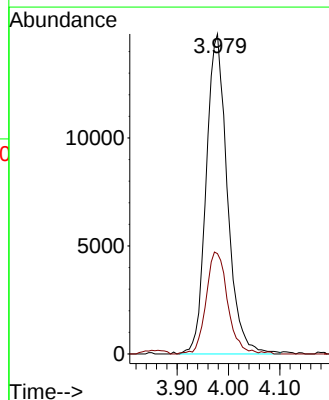
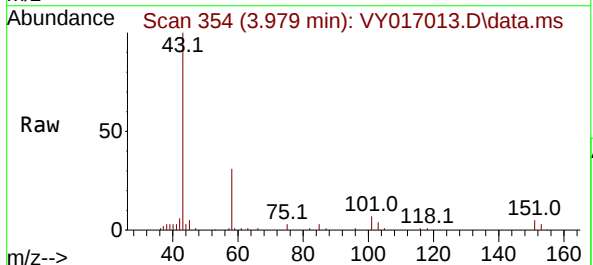
RT: 3.979 min Scan# 354

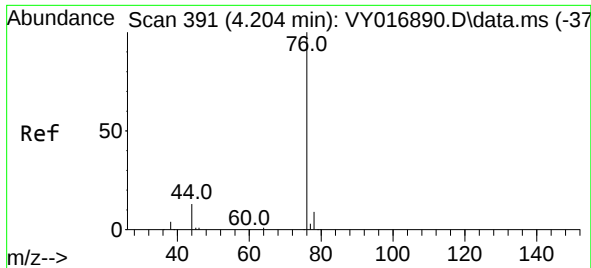
Delta R.T. 0.019 min

Lab File: VY017013.D

Acq: 17 Jan 2024 16:09

Tgt Ion: 43	Resp: 42252
Ion Ratio	Lower Upper
43	100
58	31.4 26.6 39.8





#17

Carbon Disulfide

Concen: 14.418 ug/l

RT: 4.229 min Scan# 391

Delta R.T. 0.019 min

Lab File: VY017013.D

Acq: 17 Jan 2024 16:09

Instrument :

MSVOA_Y

ClientSampleId :

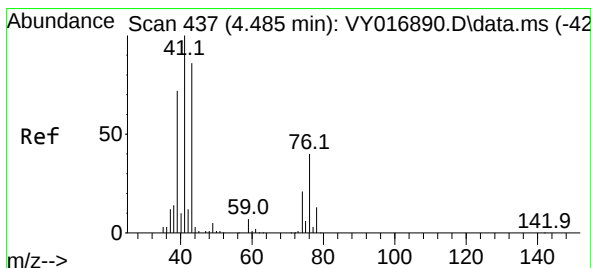
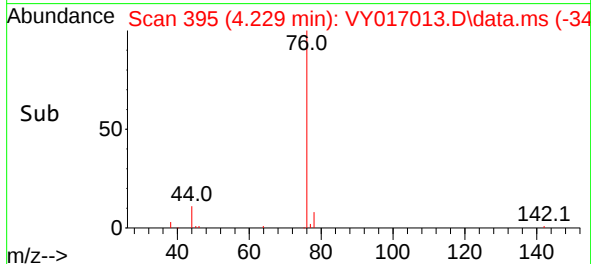
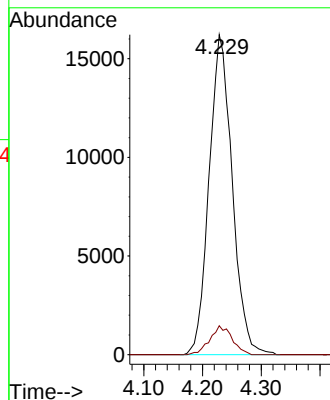
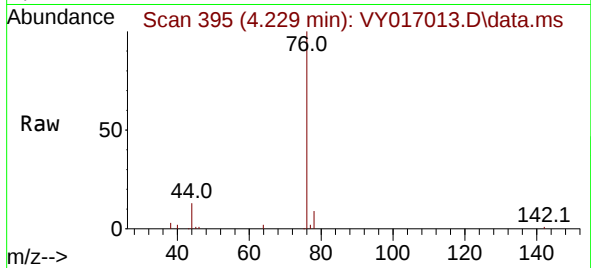
VY0117SBSD01

Tgt Ion: 76 Resp: 44314
 Ion Ratio Lower Upper
 76 100
 78 9.1 7.4 11.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/18/2024
 Supervised By :Mahesh Dadoda 01/18/2024



#18

Methyl Acetate

Concen: 16.740 ug/l

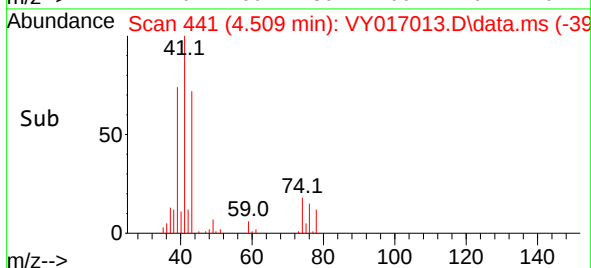
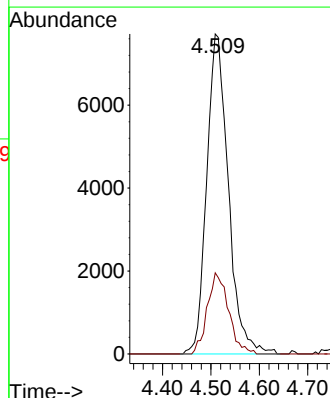
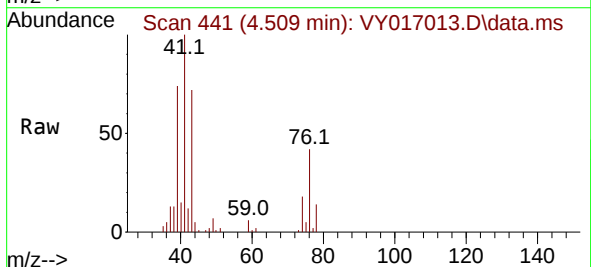
RT: 4.509 min Scan# 441

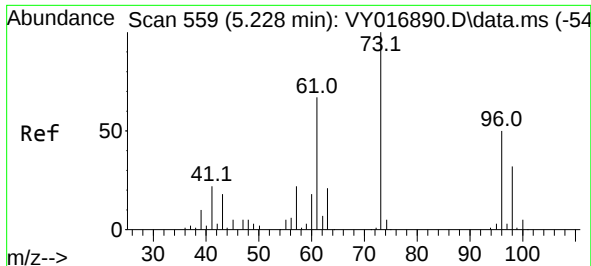
Delta R.T. 0.012 min

Lab File: VY017013.D

Acq: 17 Jan 2024 16:09

Tgt Ion: 43 Resp: 23940
 Ion Ratio Lower Upper
 43 100
 74 24.9 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 19.880 ug/l

RT: 5.259 min Scan# 50

Delta R.T. 0.025 min

Lab File: VY017013.D

Acq: 17 Jan 2024 16:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBSD01

Tgt Ion: 73 Resp: 66529

Ion Ratio Lower Upper

73 100

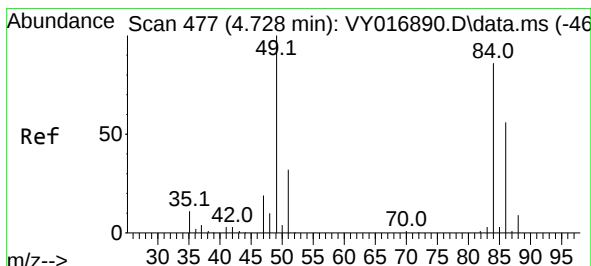
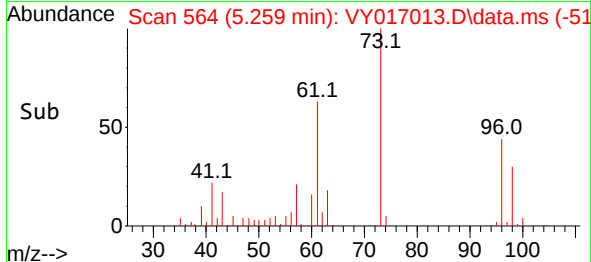
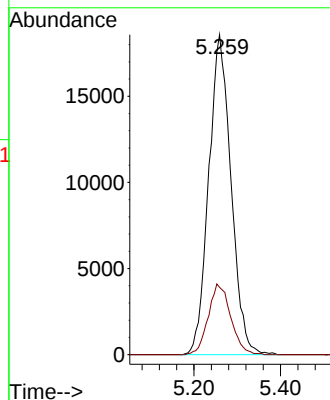
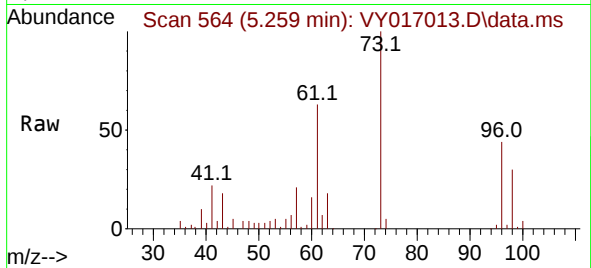
57 21.0 17.7 26.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/18/2024

Supervised By :Mahesh Dadoda 01/18/2024



#20

Methylene Chloride

Concen: 13.377 ug/l

RT: 4.753 min Scan# 481

Delta R.T. 0.019 min

Lab File: VY017013.D

Acq: 17 Jan 2024 16:09

Tgt Ion: 84 Resp: 32709

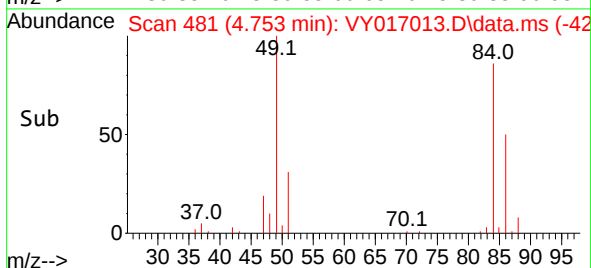
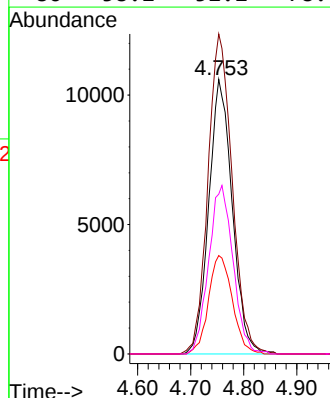
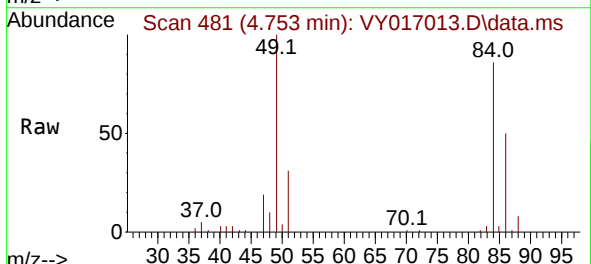
Ion Ratio Lower Upper

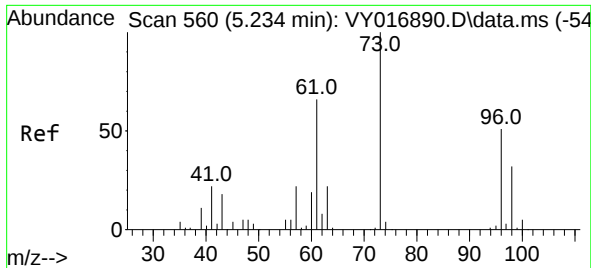
84 100

49 116.6 95.2 142.8

51 35.8 29.9 44.9

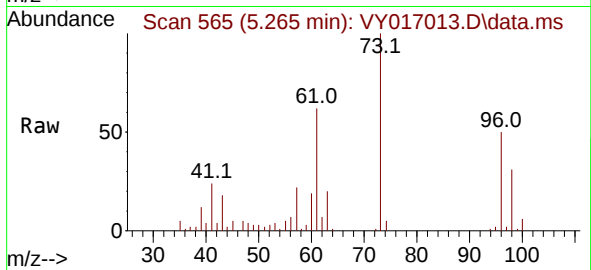
86 58.2 52.2 78.4





#21
trans-1,2-Dichloroethene
Concen: 18.222 ug/l
RT: 5.265 min Scan# 501
Delta R.T. 0.025 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09

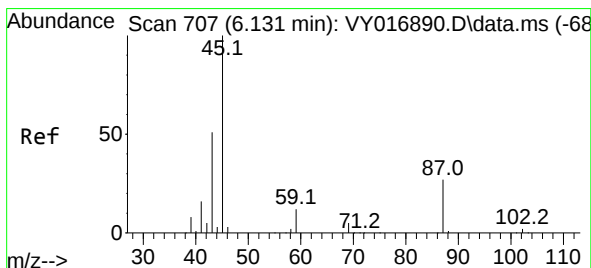
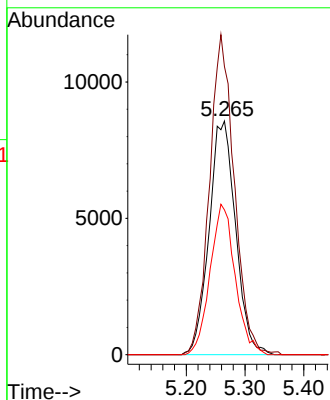
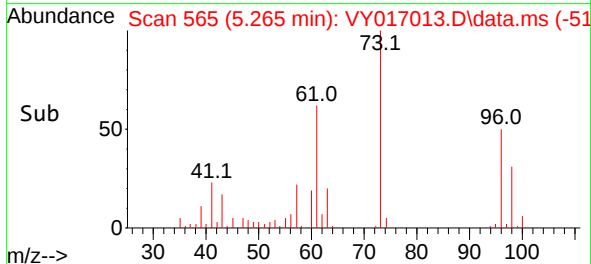
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBSD01



Tgt Ion: 96 Resp: 26849
Ion Ratio Lower Upper
96 100
61 123.4 104.6 156.8
98 62.0 50.9 76.3

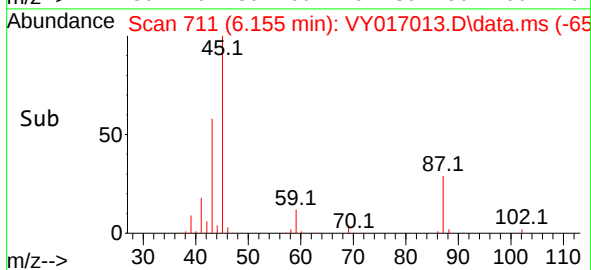
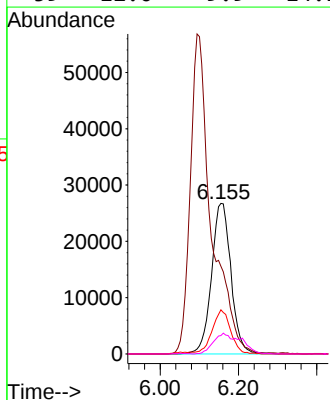
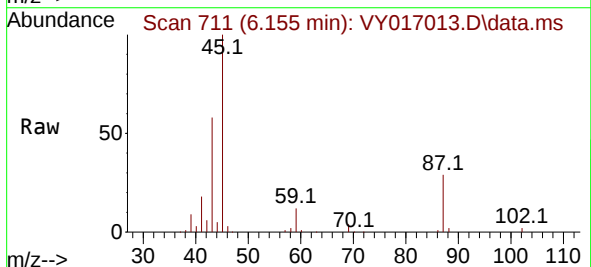
Manual Integrations
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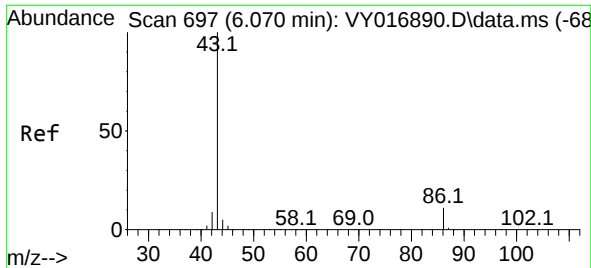
Reviewed By :Semsettin Yesilyurt 01/18/2024
Supervised By :Mahesh Dadoda 01/18/2024



#22
Diisopropyl ether
Concen: 19.619 ug/l
RT: 6.155 min Scan# 711
Delta R.T. 0.024 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09

Tgt Ion: 45 Resp: 92235
Ion Ratio Lower Upper
45 100
43 57.8 46.8 70.2
87 29.3 22.2 33.2
59 12.0 9.9 14.9





#23

Vinyl Acetate

Concen: 98.316 ug/l

RT: 6.094 min Scan# 701

Delta R.T. 0.018 min

Lab File: VY017013.D

Acq: 17 Jan 2024 16:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBSD01

Tgt Ion: 43 Resp: 21193

Ion Ratio Lower Upper

43 100

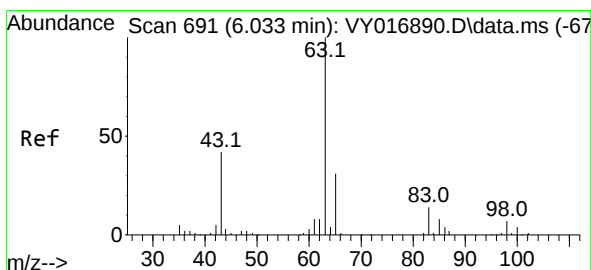
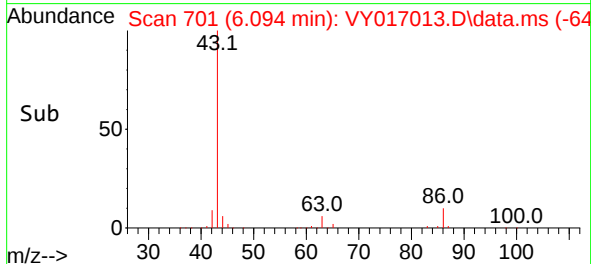
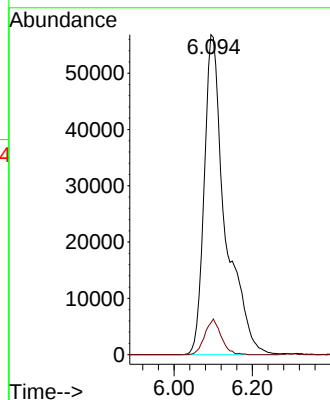
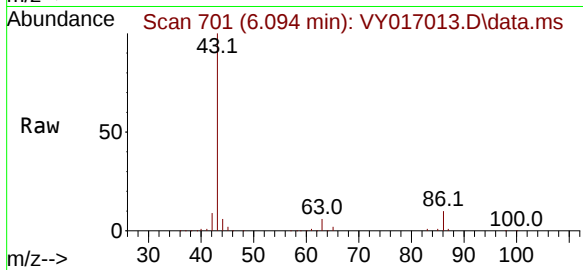
86 9.9 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/18/2024

Supervised By :Mahesh Dadoda 01/18/2024



#24

1,1-Dichloroethane

Concen: 19.056 ug/l

RT: 6.057 min Scan# 695

Delta R.T. 0.024 min

Lab File: VY017013.D

Acq: 17 Jan 2024 16:09

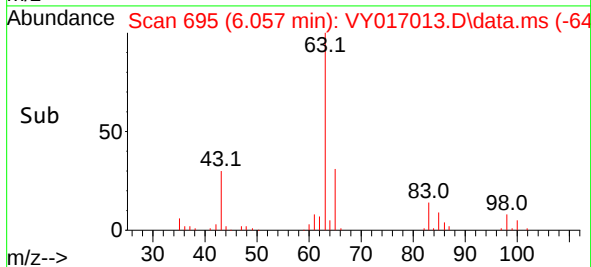
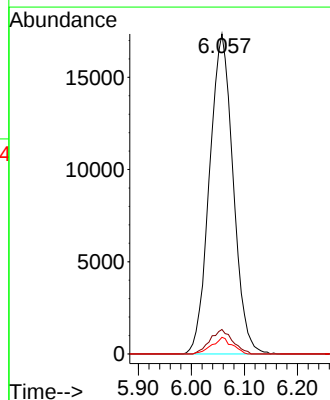
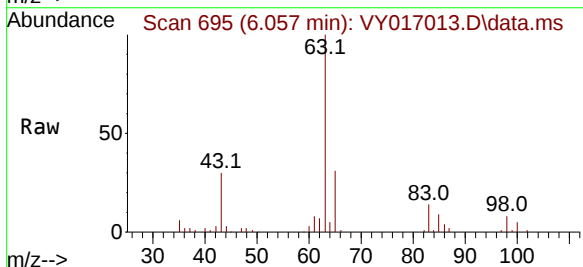
Tgt Ion: 63 Resp: 53836

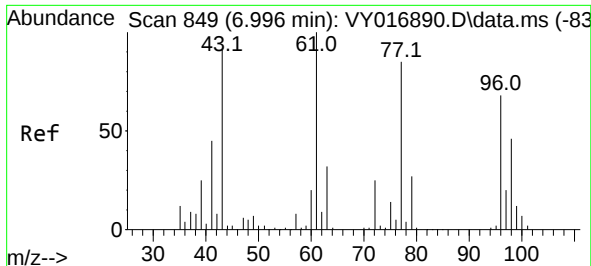
Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.4

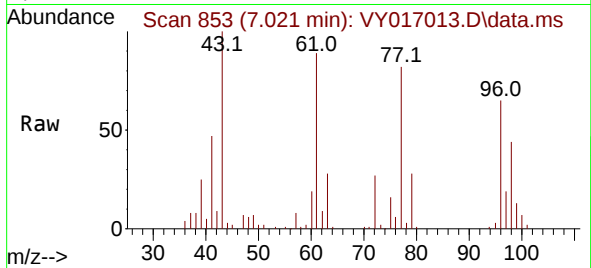
100 5.2 2.1 6.2





#25
2-Butanone
Concen: 106.624 ug/l
RT: 7.021 min Scan# 853
Delta R.T. 0.025 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09

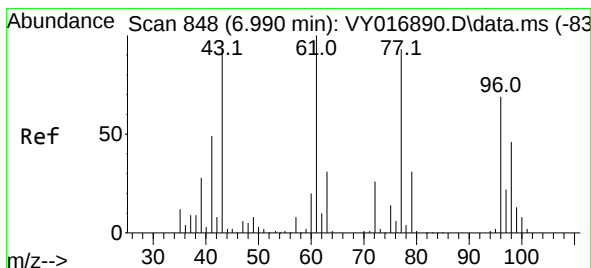
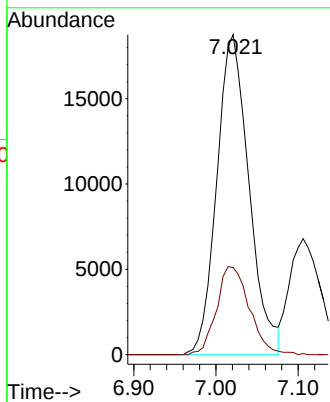
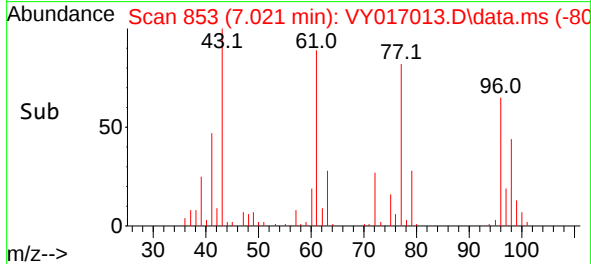
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBSD01



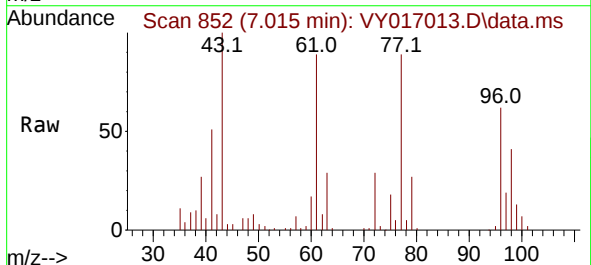
Tgt Ion: 43 Resp: 5110
Ion Ratio Lower Upper
43 100
72 27.2 21.4 32.2

Manual Integrations
APPROVED

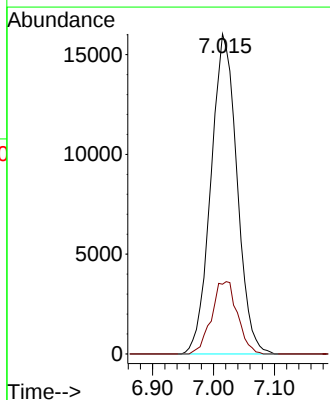
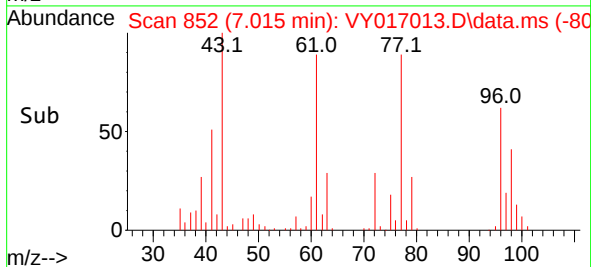
Reviewed By :Semsettin Yesilyurt 01/18/2024
Supervised By :Mahesh Dadoda 01/18/2024

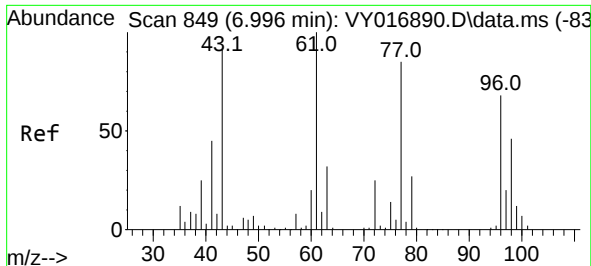


#26
2,2-Dichloropropane
Concen: 19.442 ug/l
RT: 7.015 min Scan# 852
Delta R.T. 0.019 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09



Tgt Ion: 77 Resp: 47624
Ion Ratio Lower Upper
77 100
97 22.4 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 19.391 ug/l

RT: 7.021 min Scan# 81

Delta R.T. 0.019 min

Lab File: VY017013.D

Acq: 17 Jan 2024 16:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBSD01

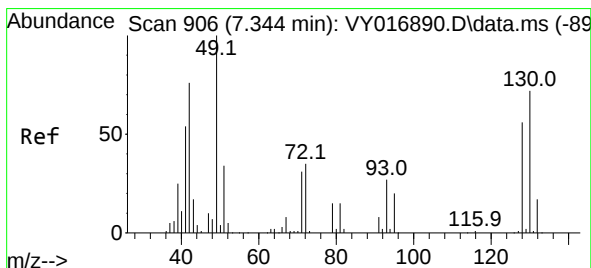
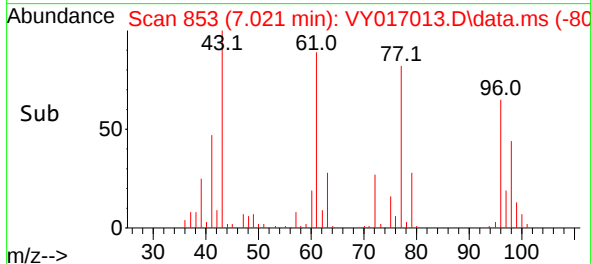
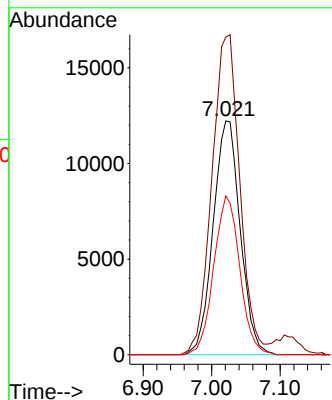
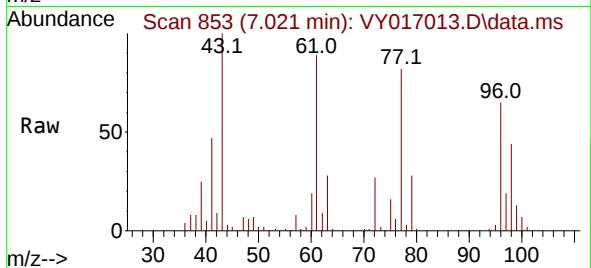
Tgt Ion: 96 Resp: 3348

Ion	Ratio	Lower	Upper
96	100		
61	141.3	0.0	278.8
98	65.3	0.0	127.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/18/2024
Supervised By :Mahesh Dadoda 01/18/2024



#28

Bromochloromethane

Concen: 18.243 ug/l

RT: 7.368 min Scan# 910

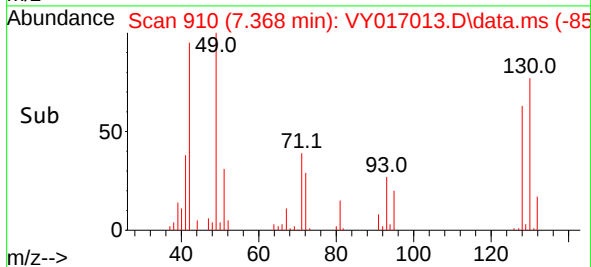
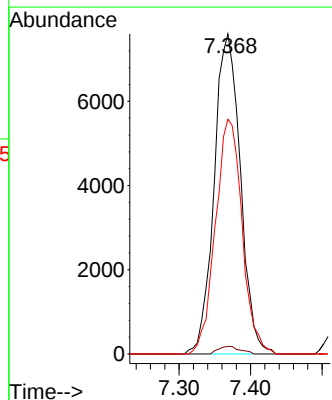
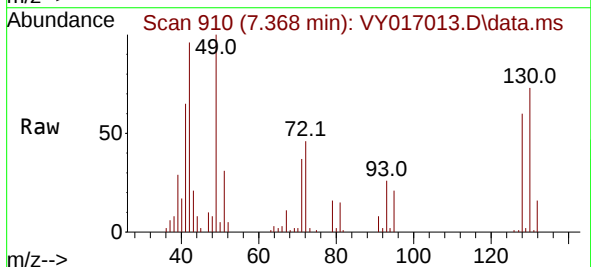
Delta R.T. 0.018 min

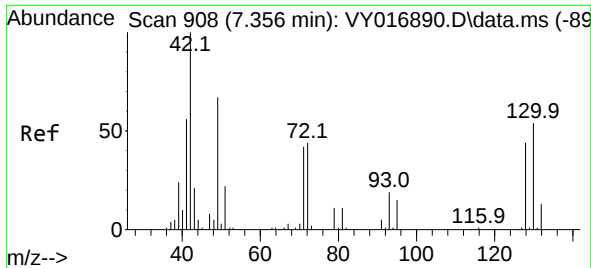
Lab File: VY017013.D

Acq: 17 Jan 2024 16:09

Tgt Ion: 49 Resp: 19349

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	74.6	59.8	89.8





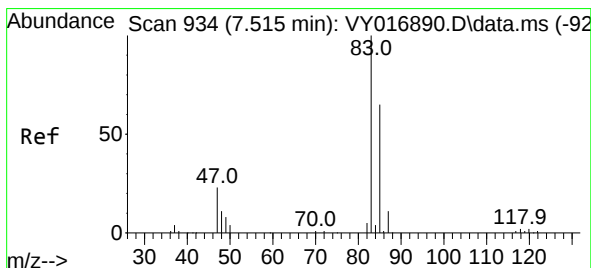
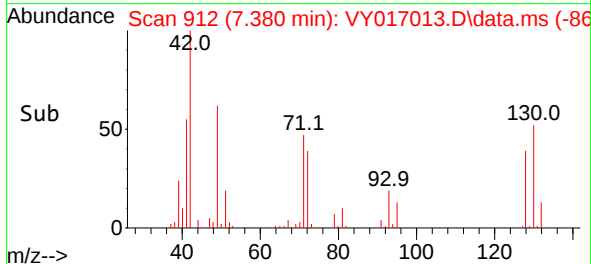
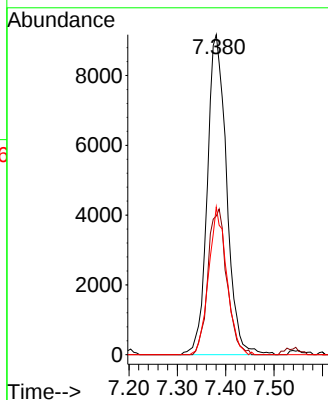
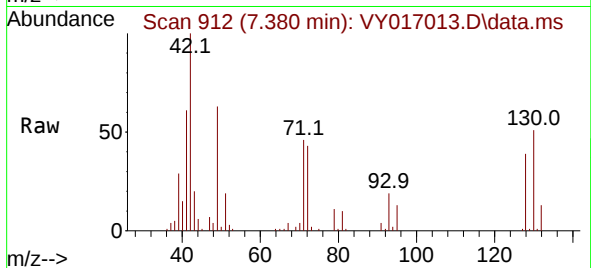
#29
Tetrahydrofuran
Concen: 94.188 ug/l
RT: 7.380 min Scan# 912
Delta R.T. 0.018 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBSD01

Tgt Ion: 42 Resp: 25440
Ion Ratio Lower Upper
42 100
72 44.6 36.6 54.8
71 43.1 33.8 50.6

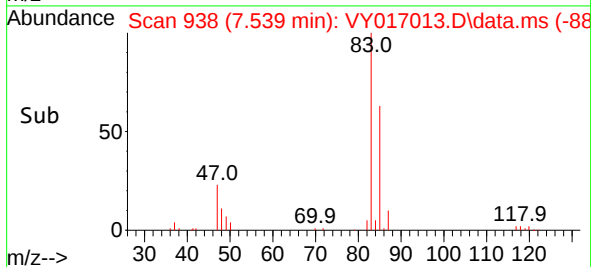
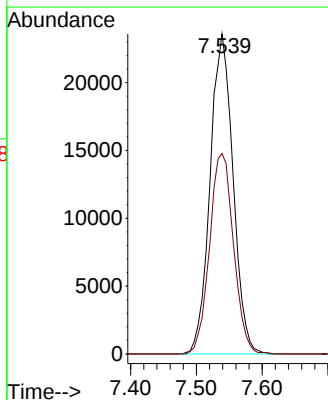
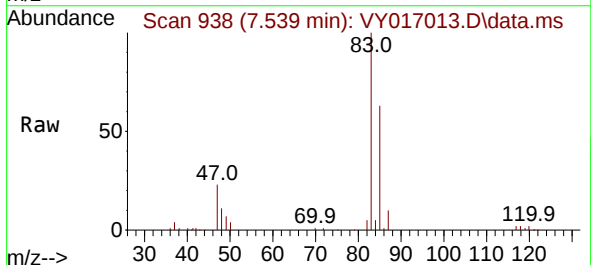
Manual Integrations
APPROVED

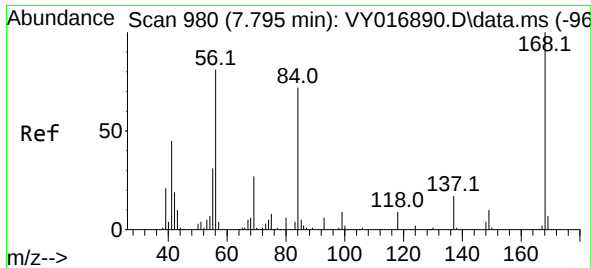
Reviewed By :Semsettin Yesilyurt 01/18/2024
Supervised By :Mahesh Dadoda 01/18/2024



#30
Chloroform
Concen: 19.682 ug/l
RT: 7.539 min Scan# 938
Delta R.T. 0.018 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09

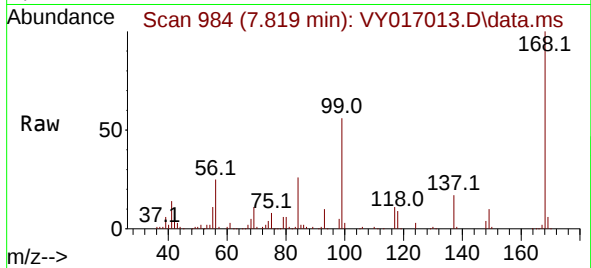
Tgt Ion: 83 Resp: 57302
Ion Ratio Lower Upper
83 100
85 62.6 51.2 76.8





#31
Cyclohexane
Concen: 17.215 ug/l
RT: 7.819 min Scan# 984
Delta R.T. 0.018 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09

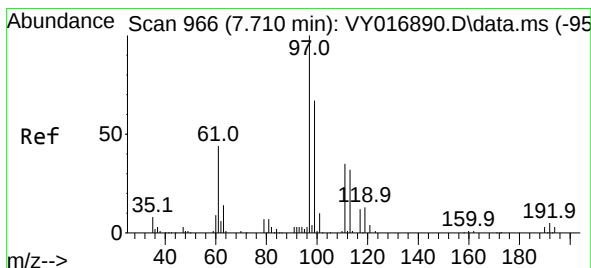
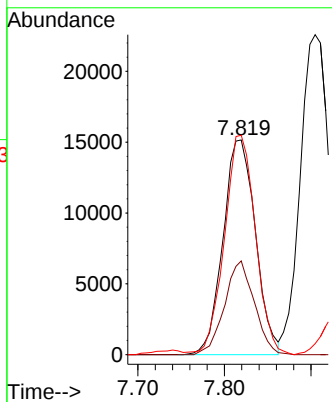
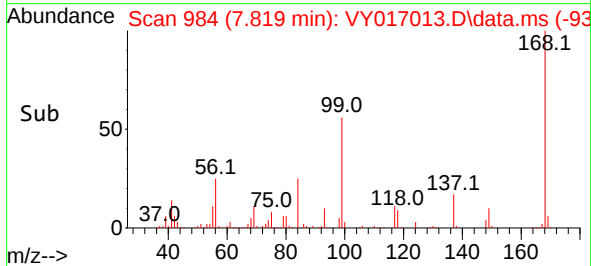
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBSD01



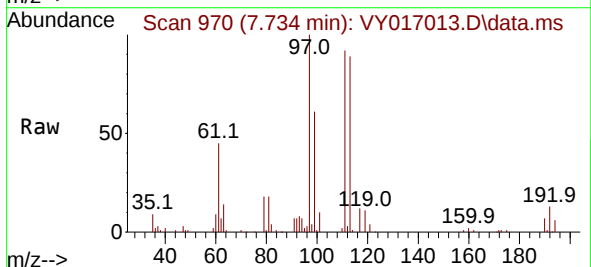
Tgt Ion: 56 Resp: 39438
Ion Ratio Lower Upper
56 100
69 43.7 27.0 40.6
84 100.4 71.8 107.6

Manual Integrations
APPROVED

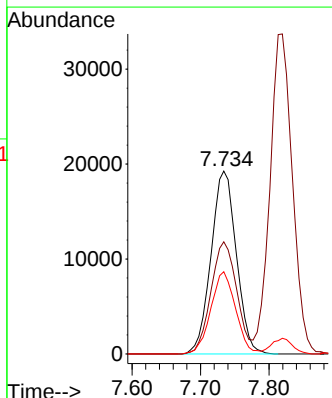
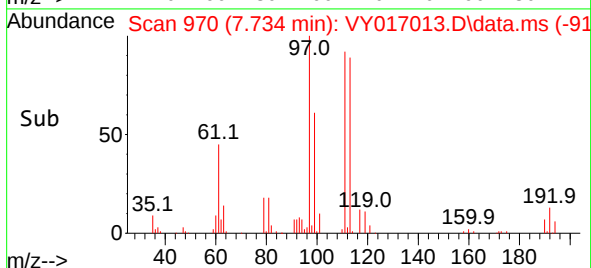
Reviewed By :Semsettin Yesilyurt 01/18/2024
Supervised By :Mahesh Dadoda 01/18/2024

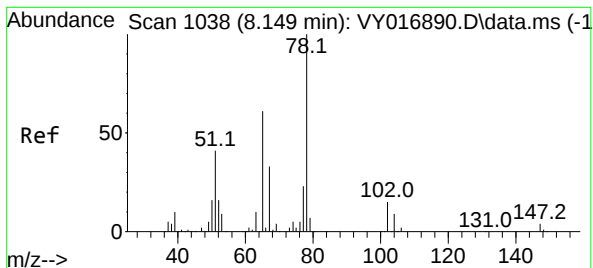


#32
1,1,1-Trichloroethane
Concen: 19.973 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.018 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09



Tgt Ion: 97 Resp: 49305
Ion Ratio Lower Upper
97 100
99 63.1 51.2 76.8
61 44.2 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 42.324 ug/l

RT: 8.167 min Scan# 1103

Delta R.T. 0.012 min

Lab File: VY017013.D

Acq: 17 Jan 2024 16:09

Instrument :

MSVOA_Y

ClientSampleId :

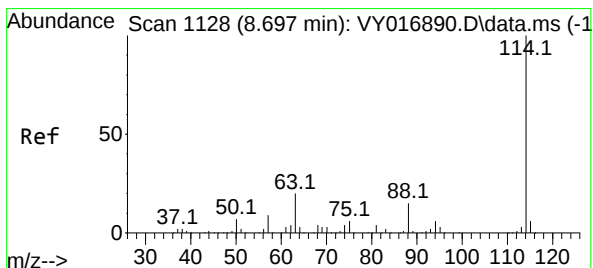
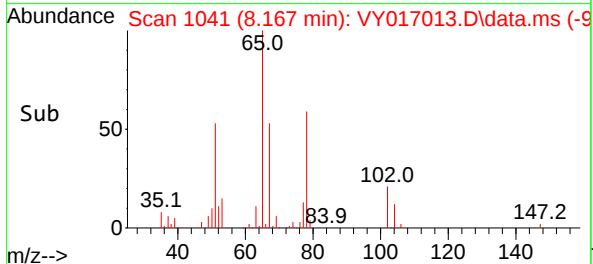
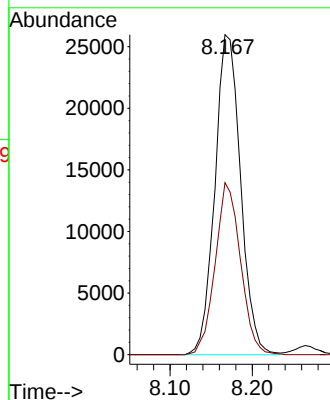
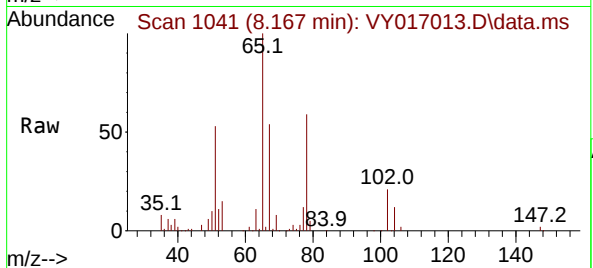
VY0117SBSD01

Tgt Ion: 65 Resp: 56495
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 109.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/18/2024
 Supervised By :Mahesh Dadoda 01/18/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

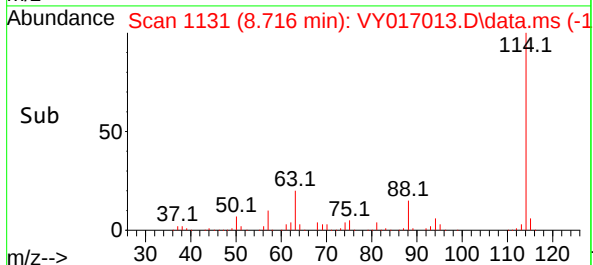
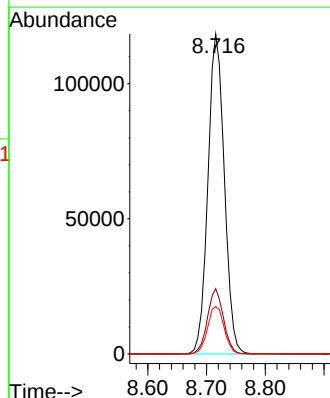
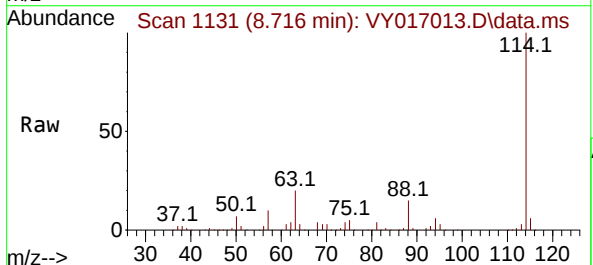
RT: 8.716 min Scan# 1131

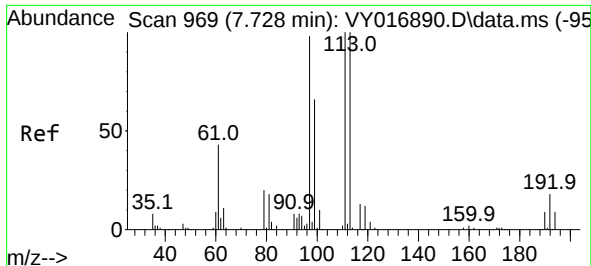
Delta R.T. 0.013 min

Lab File: VY017013.D

Acq: 17 Jan 2024 16:09

Tgt Ion:114 Resp: 229683
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 37.4
 88 14.8 0.0 29.0





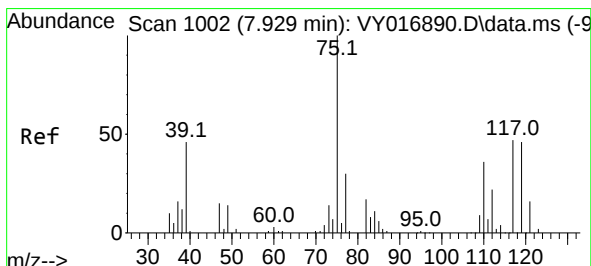
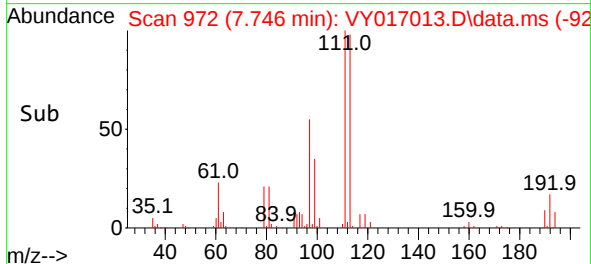
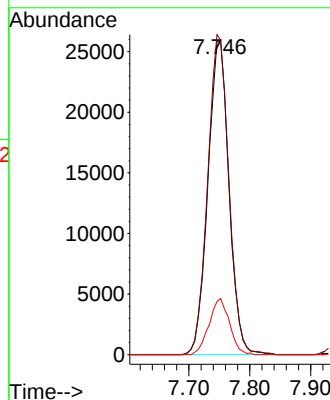
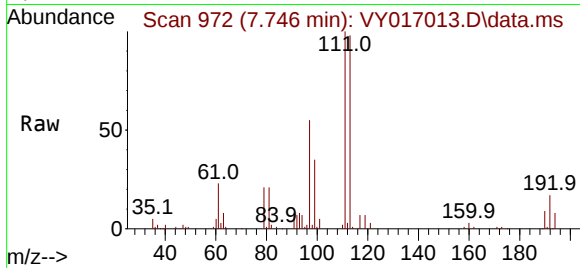
#35
Dibromofluoromethane
Concen: 42.421 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBSD01

Tgt Ion:113 Resp: 62089
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.6
192 17.4 14.5 21.7

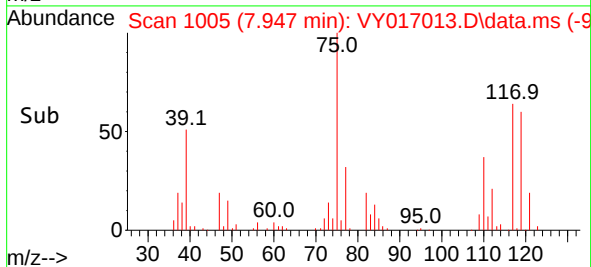
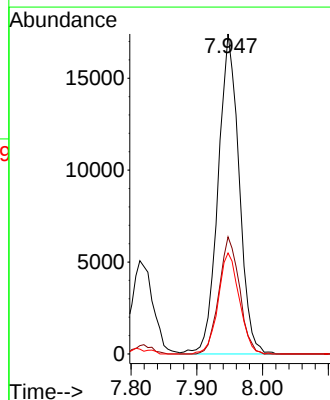
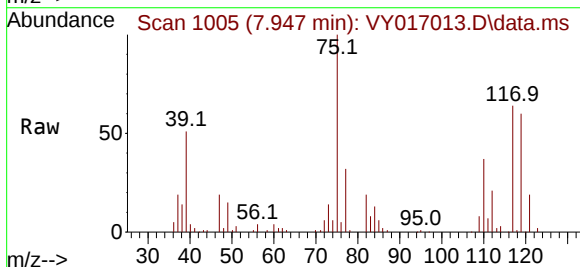
Manual Integrations
APPROVED

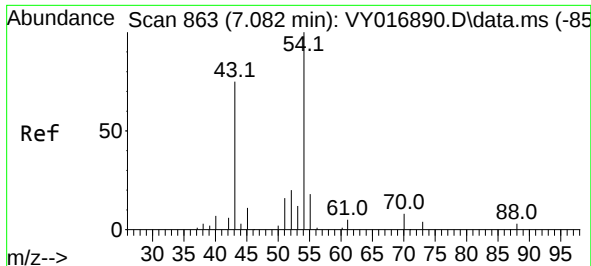
Reviewed By :Semsettin Yesilyurt 01/18/2024
Supervised By :Mahesh Dadoda 01/18/2024



#36
1,1-Dichloropropene
Concen: 18.155 ug/l
RT: 7.947 min Scan# 1005
Delta R.T. 0.018 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09

Tgt Ion: 75 Resp: 38725
Ion Ratio Lower Upper
75 100
110 35.6 17.4 52.3
77 31.7 24.7 37.1





#37

Ethyl Acetate

Concen: 18.503 ug/l

RT: 7.106 min Scan# 80

Delta R.T. 0.018 min

Lab File: VY017013.D

Acq: 17 Jan 2024 16:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBS01

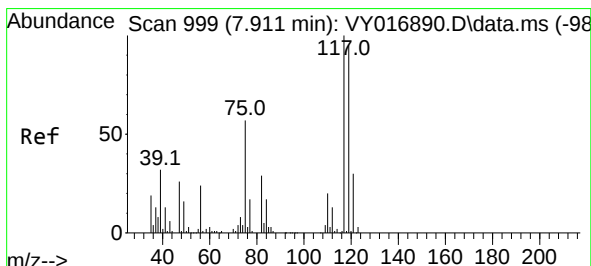
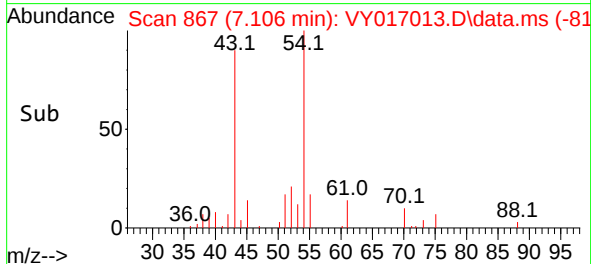
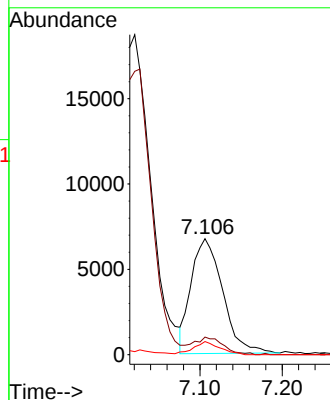
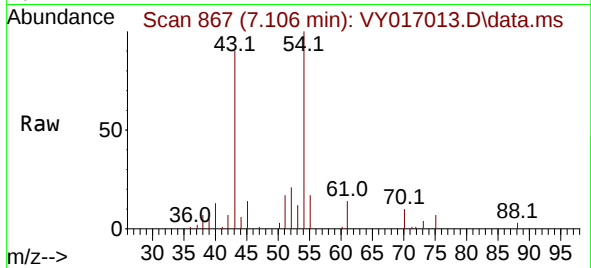
Tgt Ion: 43 Resp: 17930

Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.0	16.6
70	9.4	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/18/2024
Supervised By :Mahesh Dadoda 01/18/2024



#38

Carbon Tetrachloride

Concen: 18.953 ug/l

RT: 7.935 min Scan# 1003

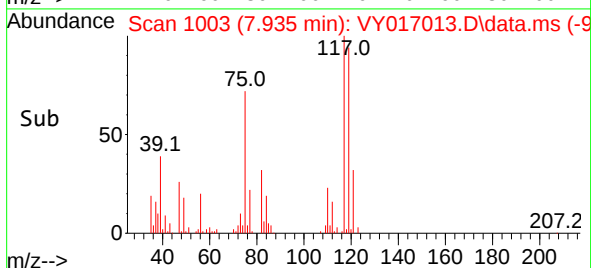
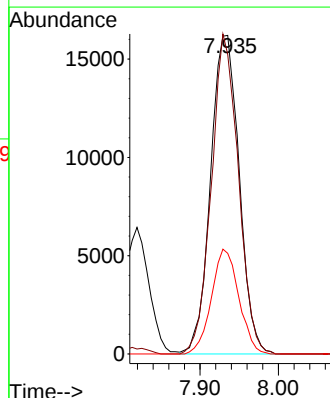
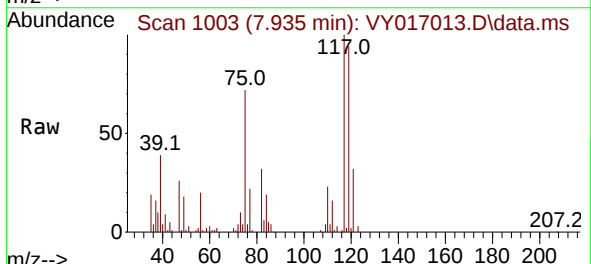
Delta R.T. 0.018 min

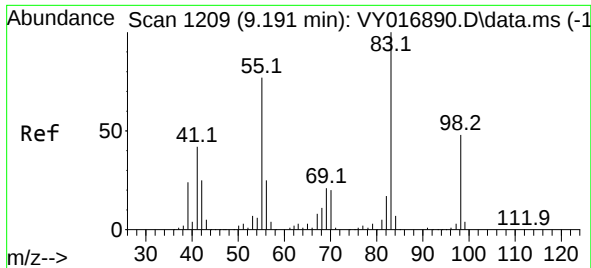
Lab File: VY017013.D

Acq: 17 Jan 2024 16:09

Tgt Ion:117 Resp: 41073

Ion	Ratio	Lower	Upper
117	100		
119	94.0	76.0	114.0
121	31.6	24.2	36.2





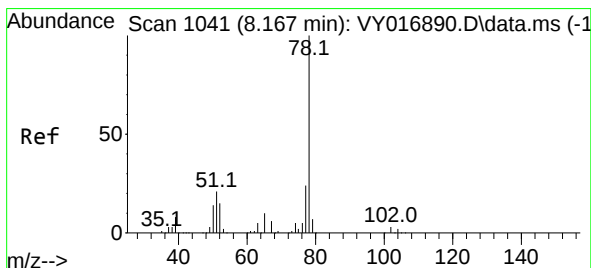
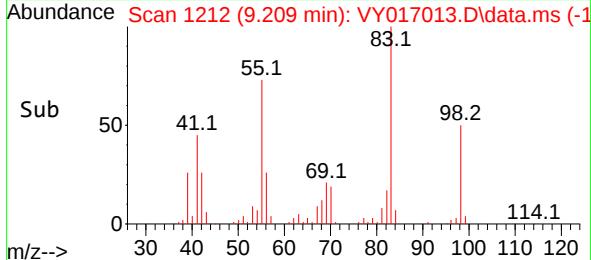
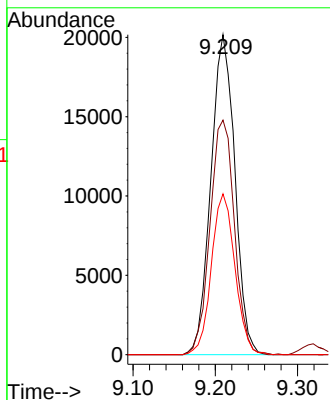
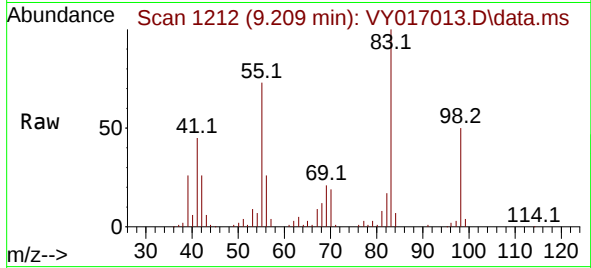
#39
Methylcyclohexane
Concen: 17.046 ug/l
RT: 9.209 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBSD01

Tgt Ion: 83 Resp: 40874
Ion Ratio Lower Upper
83 100
55 73.3 59.7 89.5
98 50.2 38.0 57.0

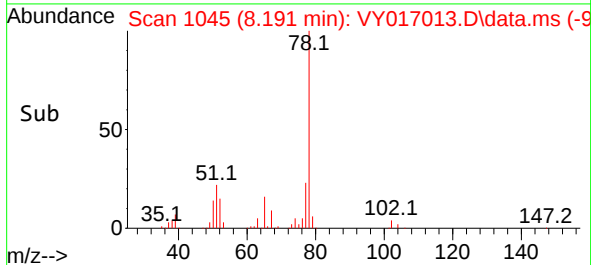
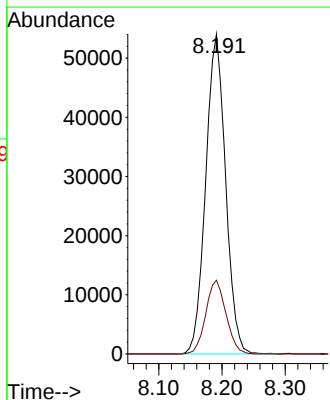
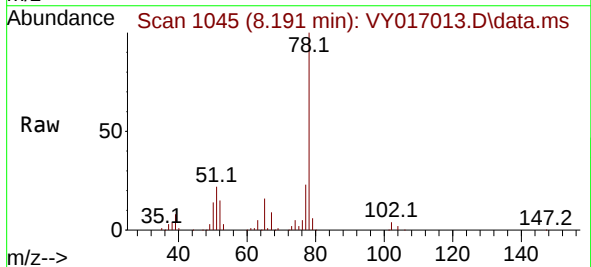
Manual Integrations
APPROVED

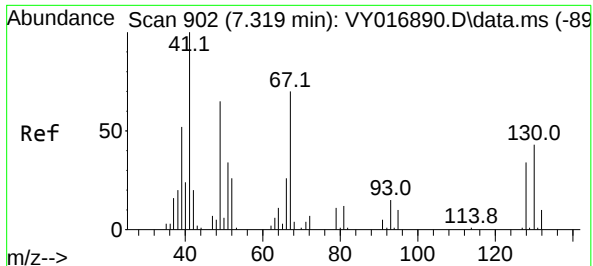
Reviewed By :Semsettin Yesilyurt 01/18/2024
Supervised By :Mahesh Dadoda 01/18/2024



#40
Benzene
Concen: 18.447 ug/l
RT: 8.191 min Scan# 1045
Delta R.T. 0.018 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09

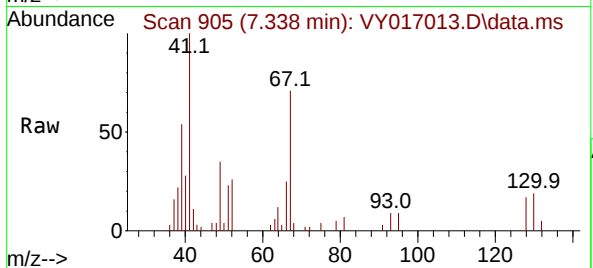
Tgt Ion: 78 Resp: 118036
Ion Ratio Lower Upper
78 100
77 23.0 18.8 28.2





#41
Methacrylonitrile
Concen: 20.589 ug/l m
RT: 7.338 min Scan# 905
Delta R.T. 0.019 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09

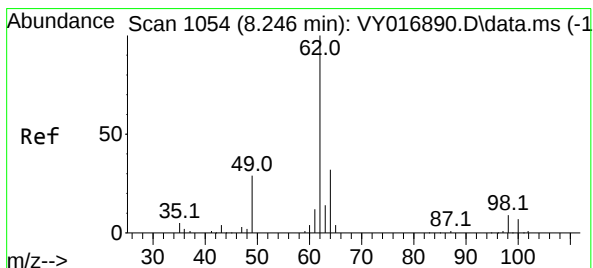
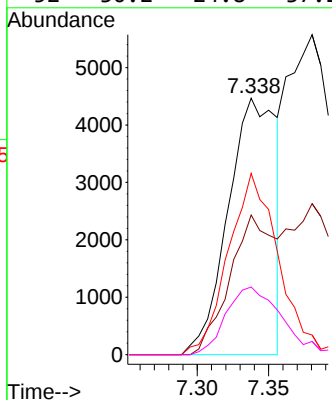
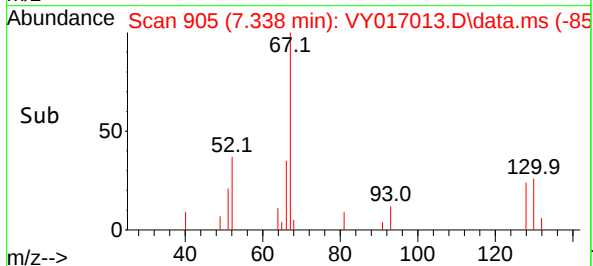
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBSD01



Tgt Ion: 41 Resp: 1051
Ion Ratio Lower Upper
41 100
39 50.5 41.9 62.9
67 73.3 59.8 89.6
52 30.2 24.8 37.2

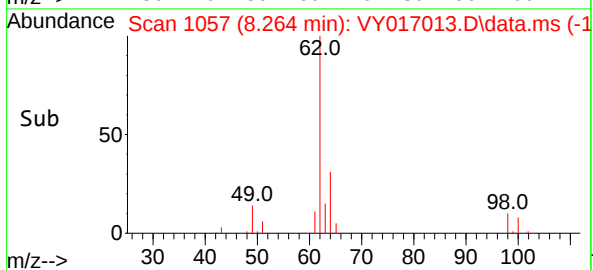
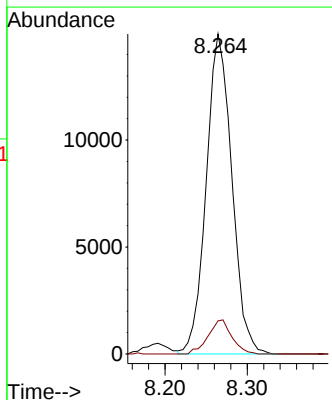
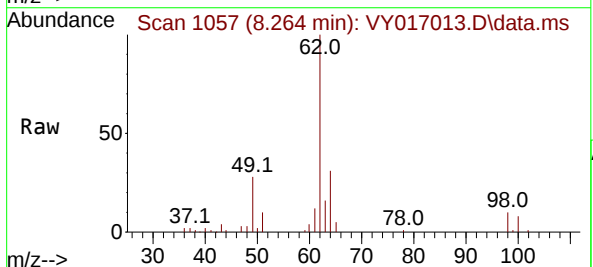
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APPROVED

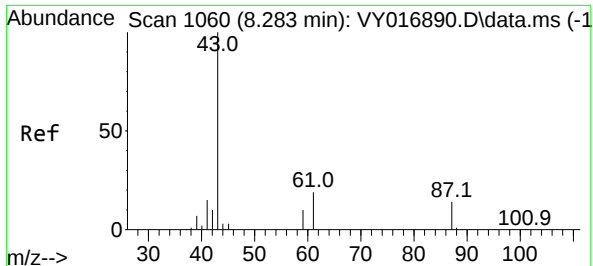
Reviewed By :Semsettin Yesilyurt 01/18/2024
Supervised By :Mahesh Dadoda 01/18/2024



#42
1,2-Dichloroethane
Concen: 19.062 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. 0.012 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09

Tgt Ion: 62 Resp: 32380
Ion Ratio Lower Upper
62 100
98 9.8 0.0 20.2





#43

Isopropyl Acetate

Concen: 18.819 ug/l

RT: 8.301 min Scan# 1107

Delta R.T. 0.018 min

Lab File: VY017013.D

Acq: 17 Jan 2024 16:09

Instrument :

MSVOA_Y

ClientSampleId :

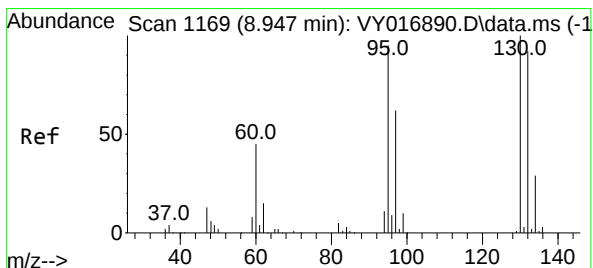
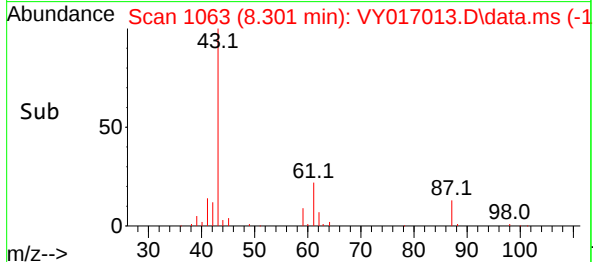
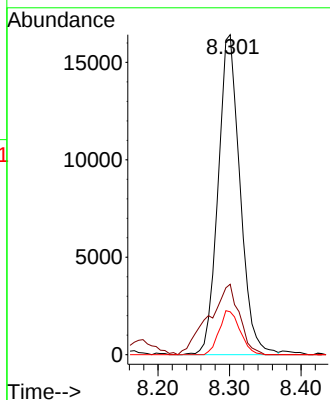
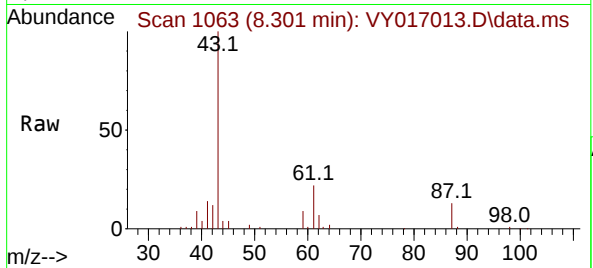
VY0117SBSD01

Tgt Ion: 43	Resp: 3493
Ion Ratio	Lower Upper
43	100
61	30.7 24.8 37.2
87	13.1 10.7 16.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/18/2024
Supervised By :Mahesh Dadoda 01/18/2024



#44

Trichloroethene

Concen: 18.685 ug/l

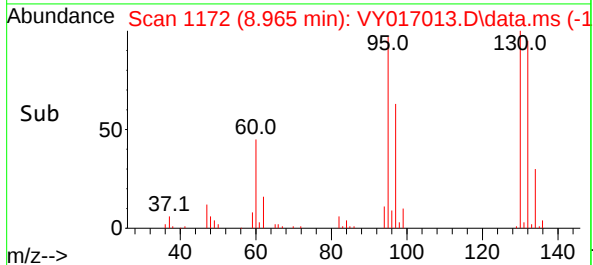
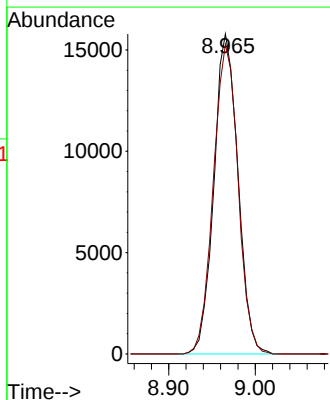
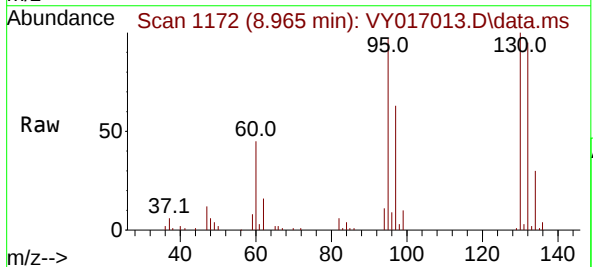
RT: 8.965 min Scan# 1172

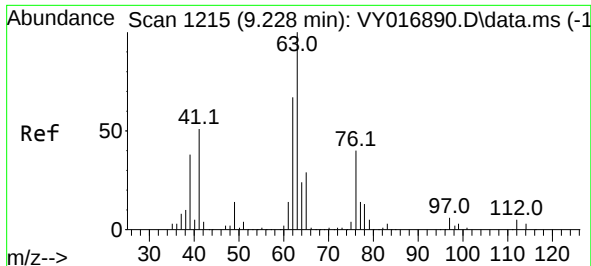
Delta R.T. 0.018 min

Lab File: VY017013.D

Acq: 17 Jan 2024 16:09

Tgt Ion:130	Resp: 30422
Ion Ratio	Lower Upper
130	100
95	96.8 0.0 203.8





#45

1,2-Dichloropropane

Concen: 19.472 ug/l

RT: 9.240 min Scan# 1217

Delta R.T. 0.012 min

Lab File: VY017013.D

Acq: 17 Jan 2024 16:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBSD01

Tgt Ion: 63 Resp: 3209

Ion Ratio Lower Upper

63 100

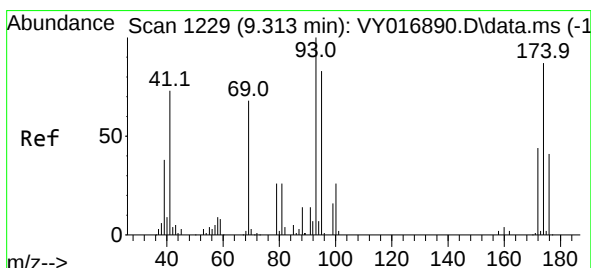
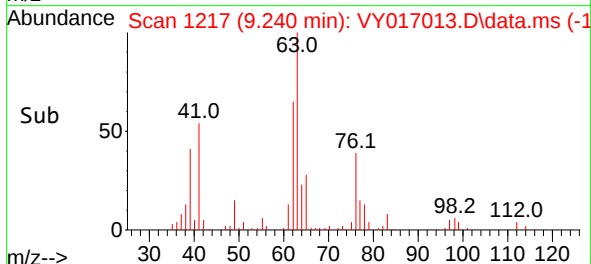
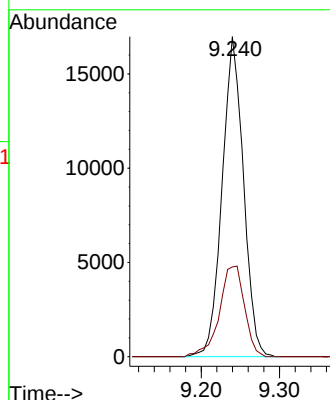
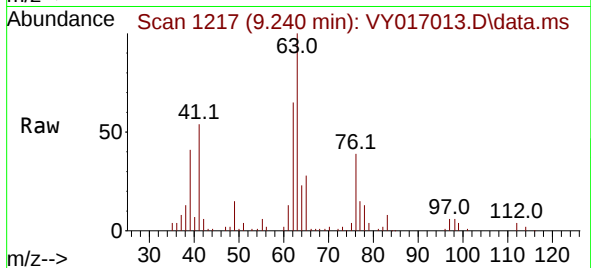
65 28.0 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/18/2024

Supervised By :Mahesh Dadoda 01/18/2024



#46

Dibromomethane

Concen: 18.813 ug/l

RT: 9.331 min Scan# 1232

Delta R.T. 0.018 min

Lab File: VY017013.D

Acq: 17 Jan 2024 16:09

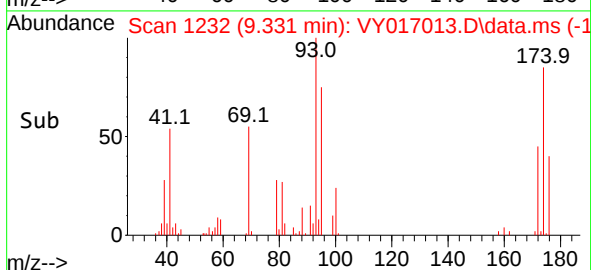
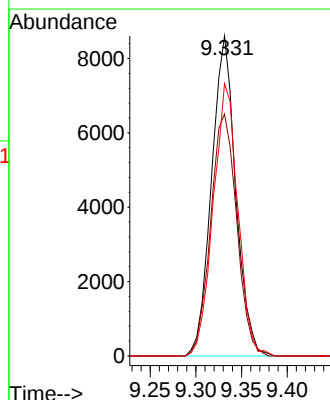
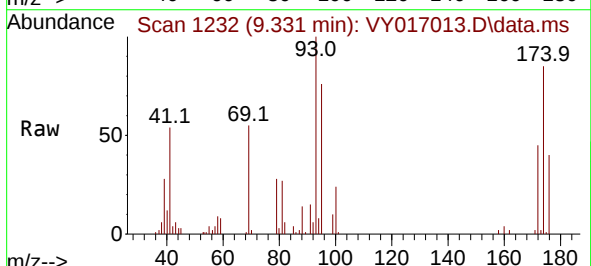
Tgt Ion: 93 Resp: 15816

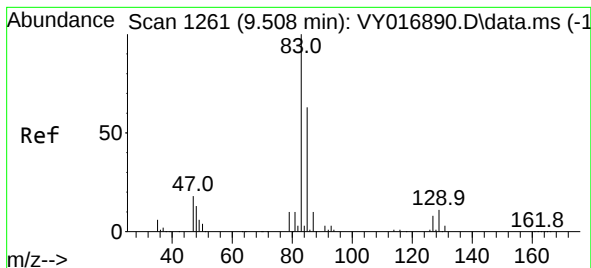
Ion Ratio Lower Upper

93 100

95 81.5 66.6 99.8

174 86.7 73.8 110.6





#47

Bromodichloromethane

Concen: 19.488 ug/l

RT: 9.520 min Scan# 1263

Delta R.T. 0.012 min

Lab File: VY017013.D

Acq: 17 Jan 2024 16:09

Instrument :

MSVOA_Y

ClientSampleId :

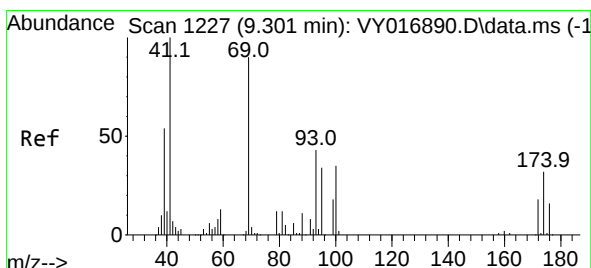
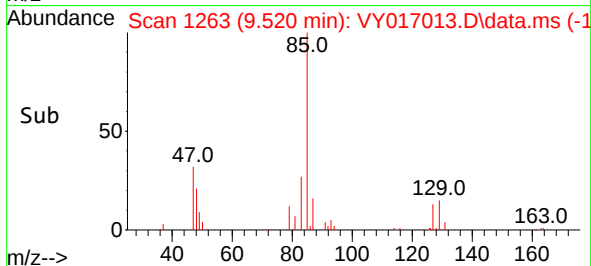
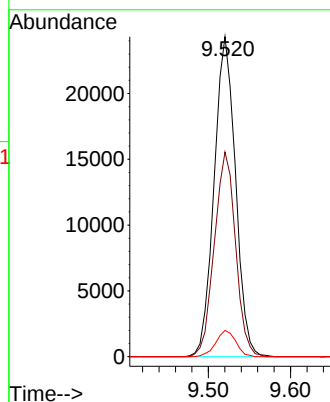
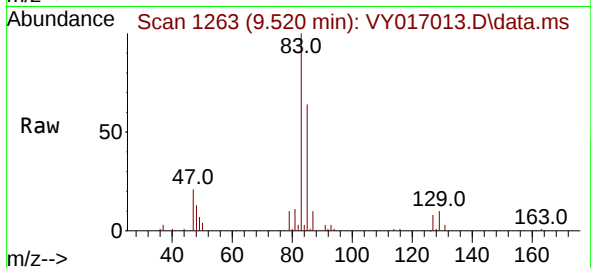
VY0117SBSD01

Tgt Ion: 83	Resp: 43990
Ion Ratio	Lower Upper
83 100	
85 63.9	53.2 79.8
127 8.2	6.4 9.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/18/2024
Supervised By :Mahesh Dadoda 01/18/2024



#48

Methyl methacrylate

Concen: 17.525 ug/l

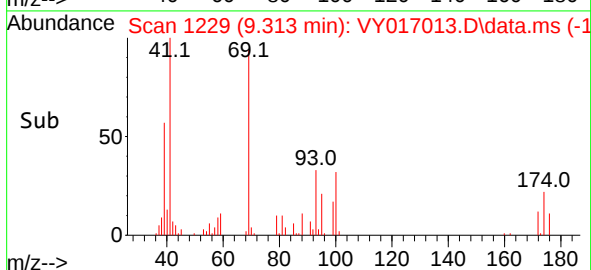
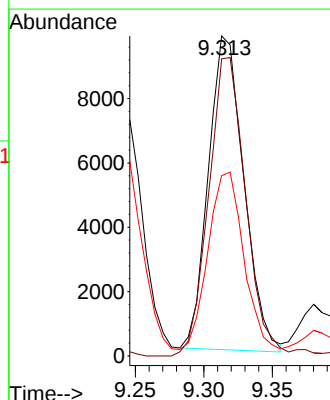
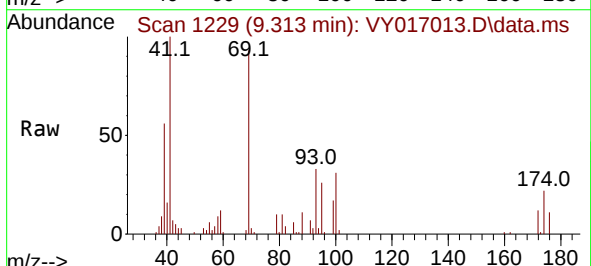
RT: 9.313 min Scan# 1229

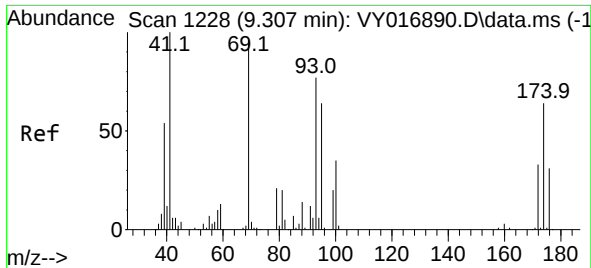
Delta R.T. 0.012 min

Lab File: VY017013.D

Acq: 17 Jan 2024 16:09

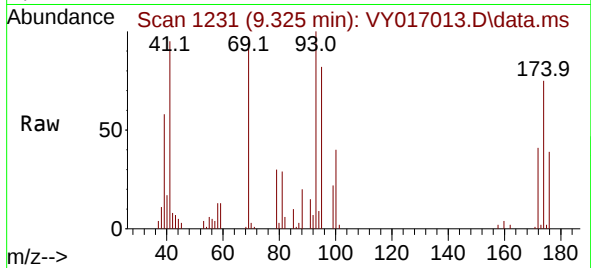
Tgt Ion: 41	Resp: 17556		
Ion Ratio	Lower	Upper	
41	100		
69	100.1	72.1	108.1
39	61.1	42.8	64.2





#49
1,4-Dioxane
Concen: 389.321 ug/l
RT: 9.325 min Scan# 1231
Delta R.T. 0.012 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09

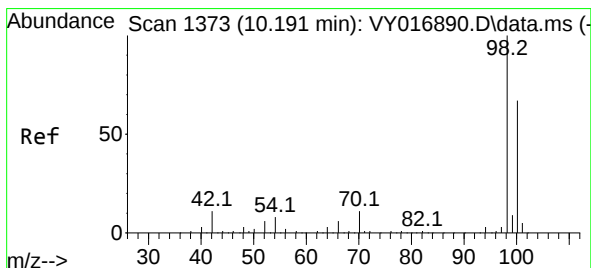
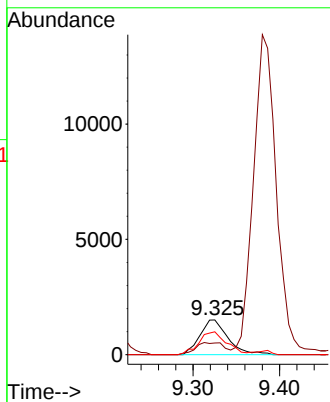
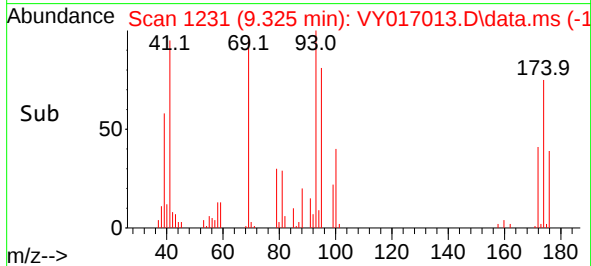
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBSD01



Tgt Ion: 88 Resp: 3389
Ion Ratio Lower Upper
88 100
43 35.8 28.2 42.4
58 65.4 52.2 78.2

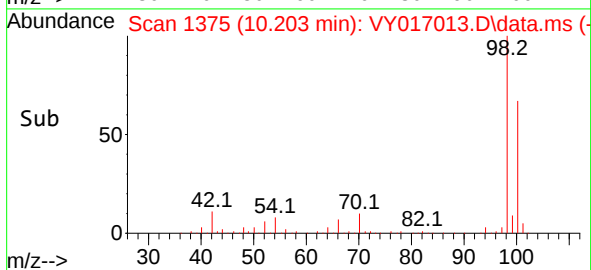
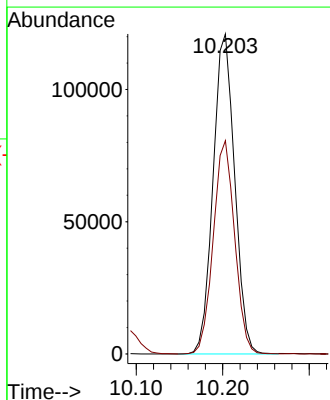
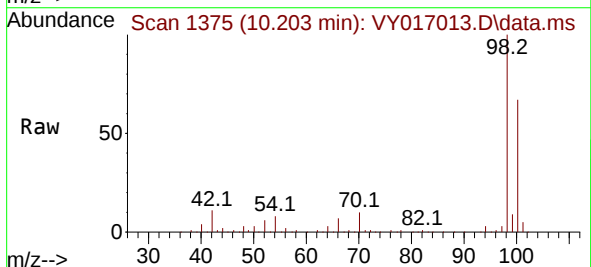
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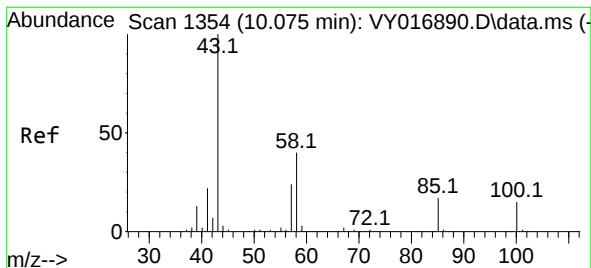
Reviewed By :Semsettin Yesilyurt 01/18/2024
Supervised By :Mahesh Dadoda 01/18/2024



#50
Toluene-d8
Concen: 41.531 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.012 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09

Tgt Ion: 98 Resp: 209318
Ion Ratio Lower Upper
98 100
100 66.1 52.3 78.5





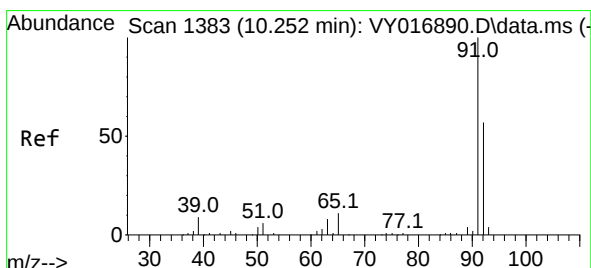
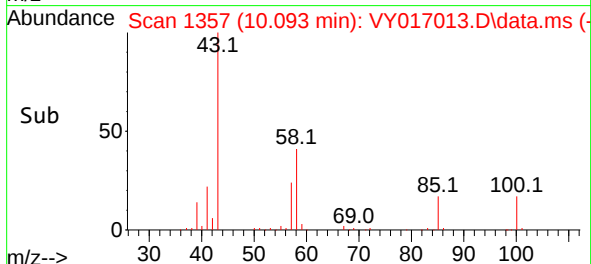
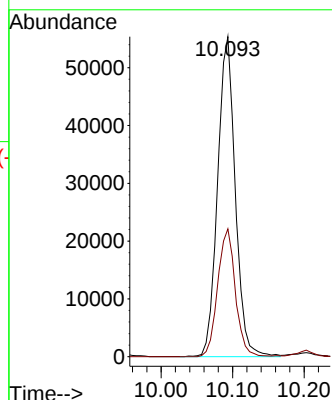
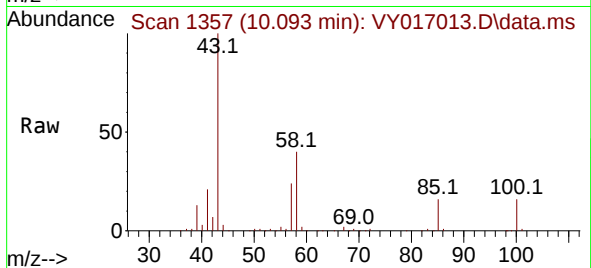
#51
4-Methyl-2-Pentanone
Concen: 96.470 ug/l
RT: 10.093 min Scan# 1357
Delta R.T. 0.012 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBSD01

Tgt Ion: 43 Resp: 95234
Ion Ratio Lower Upper
43 100
58 39.8 32.2 48.2

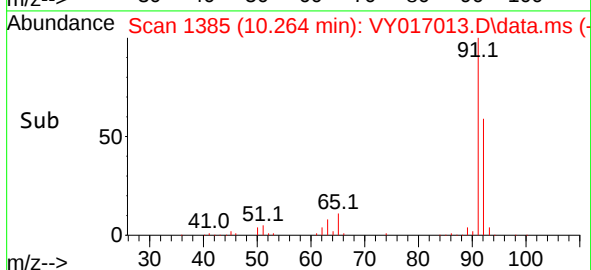
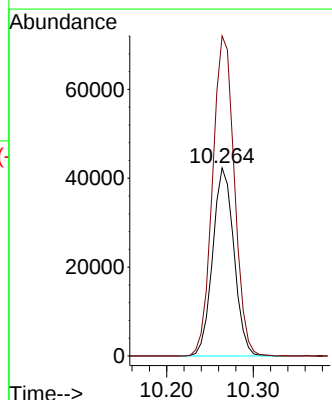
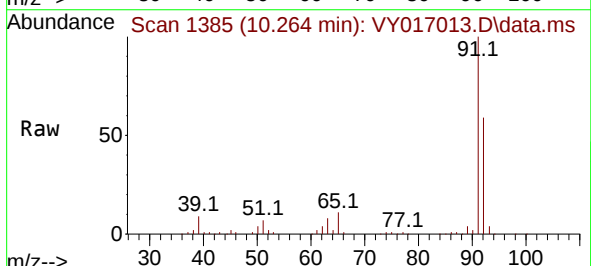
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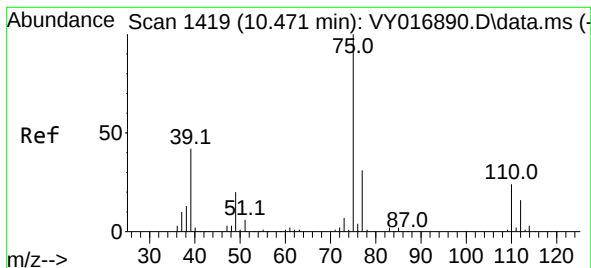
Reviewed By :Semsettin Yesilyurt 01/18/2024
Supervised By :Mahesh Dadoda 01/18/2024



#52
Toluene
Concen: 18.666 ug/l
RT: 10.264 min Scan# 1385
Delta R.T. 0.012 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09

Tgt Ion: 92 Resp: 72082
Ion Ratio Lower Upper
92 100
91 174.8 137.6 206.4





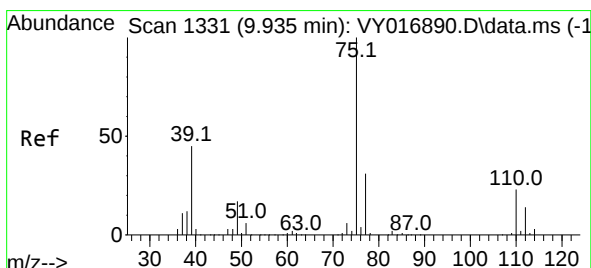
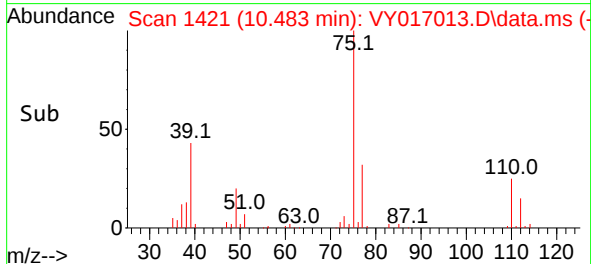
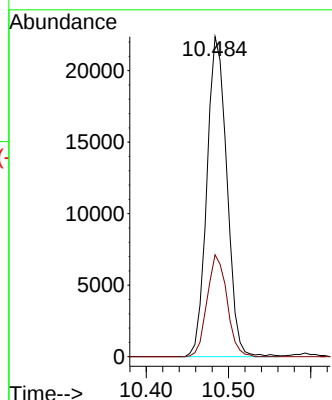
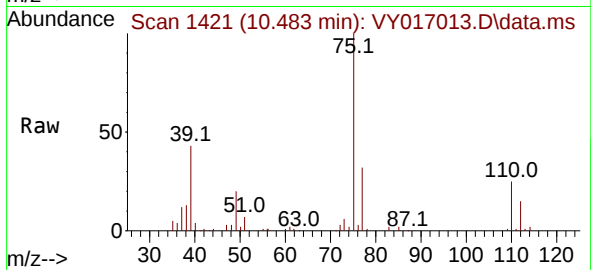
#53
t-1,3-Dichloropropene
Concen: 18.693 ug/l
RT: 10.483 min Scan# 1419
Delta R.T. 0.012 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tgt Ion: 75 Resp: 37800
Ion Ratio Lower Upper
75 100
77 31.8 24.6 36.8

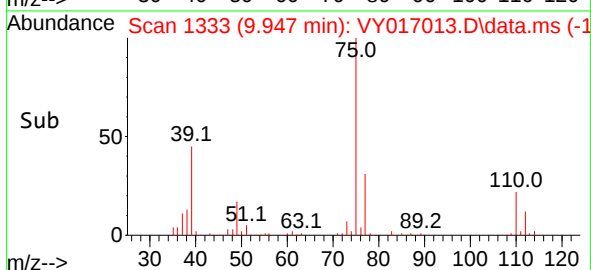
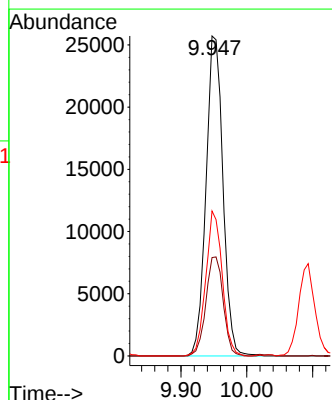
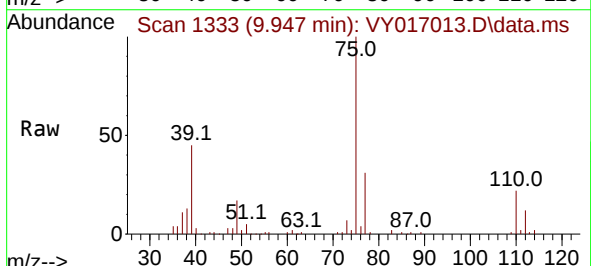
Manual Integrations
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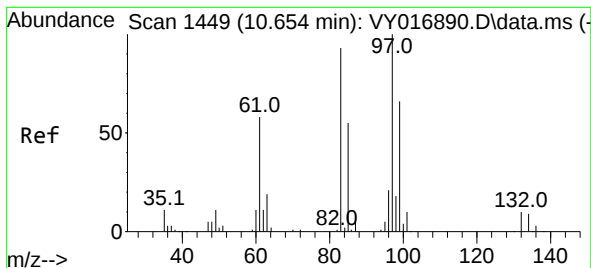
Reviewed By :Semsettin Yesilyurt 01/18/2024
Supervised By :Mahesh Dadoda 01/18/2024



#54
cis-1,3-Dichloropropene
Concen: 18.993 ug/l
RT: 9.947 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09

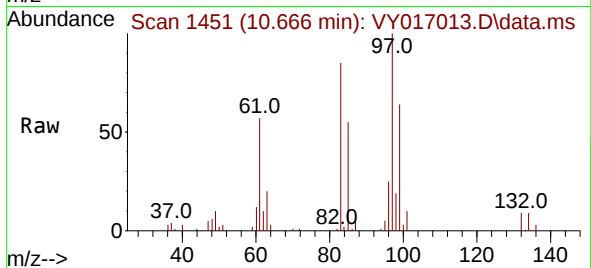
Tgt Ion: 75 Resp: 46125
Ion Ratio Lower Upper
75 100
77 30.8 24.6 36.8
39 45.3 33.6 50.4





#55
1,1,2-Trichloroethane
Concen: 19.135 ug/l
RT: 10.666 min Scan# 1449
Delta R.T. 0.012 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09

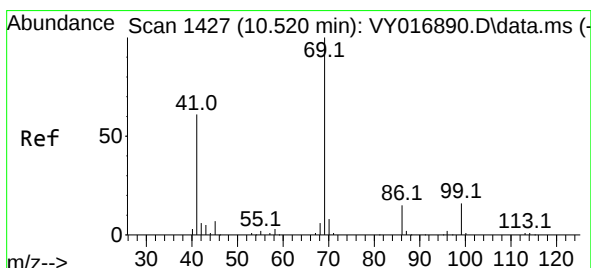
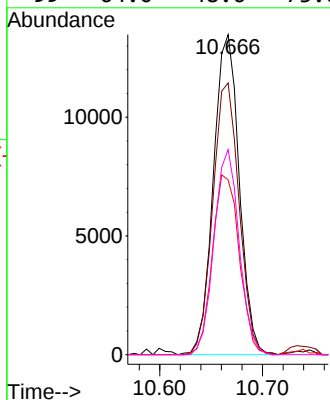
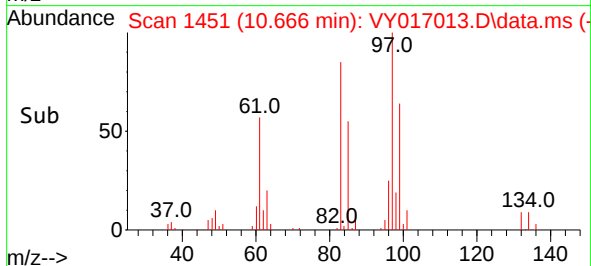
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBSD01



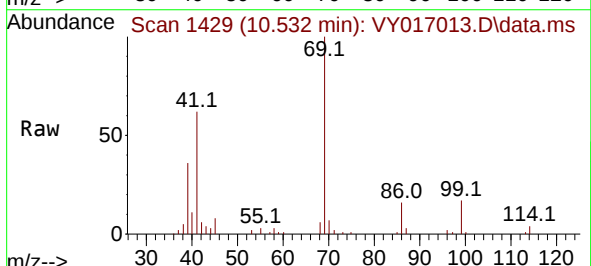
Tgt Ion:	97	Resp:	2350
Ion	Ratio	Lower	Upper
97	100		
83	84.9	69.4	104.2
85	54.7	43.9	65.9
99	64.0	48.6	73.0

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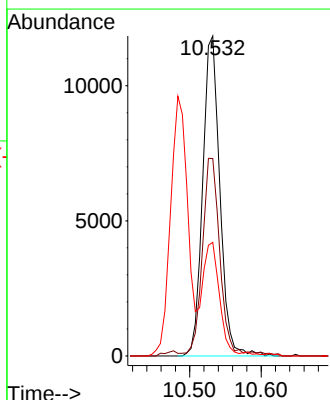
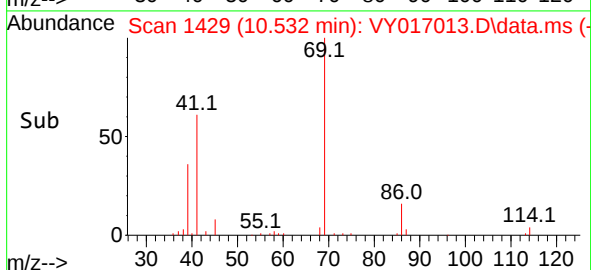
Reviewed By :Semsettin Yesilyurt 01/18/2024
Supervised By :Mahesh Dadoda 01/18/2024

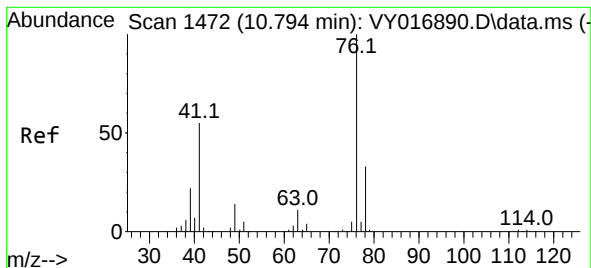


#56
Ethyl methacrylate
Concen: 18.990 ug/l
RT: 10.532 min Scan# 1429
Delta R.T. 0.012 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09



Tgt Ion:	69	Resp:	19755
Ion	Ratio	Lower	Upper
69	100		
41	60.1	49.2	73.8
39	34.1	26.8	40.2





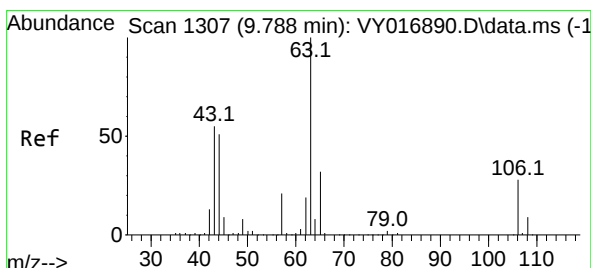
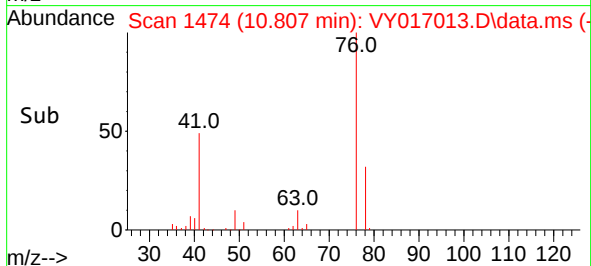
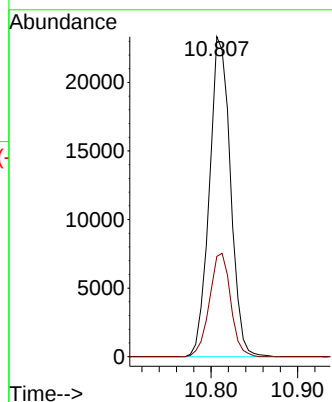
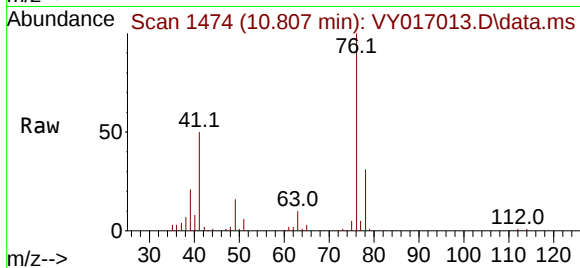
#57
1,3-Dichloropropane
Concen: 19.238 ug/l
RT: 10.807 min Scan# 1472
Delta R.T. 0.007 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBSD01

Tgt Ion: 76 Resp: 39450
Ion Ratio Lower Upper
76 100
78 32.5 26.1 39.1

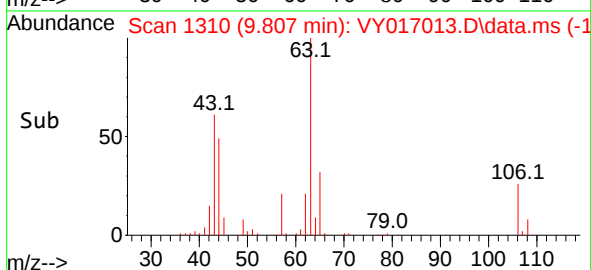
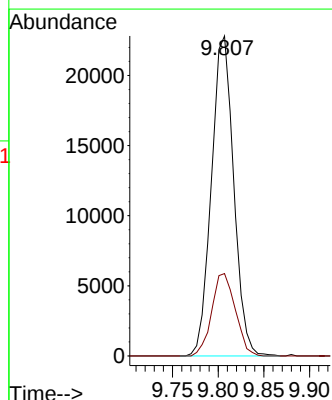
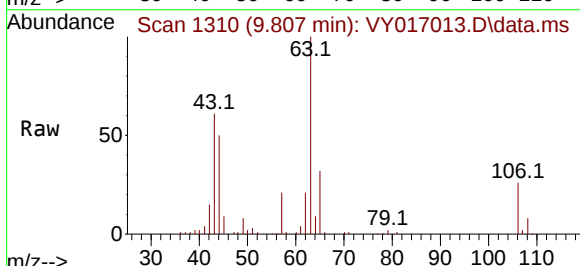
Manual Integrations
APPROVED

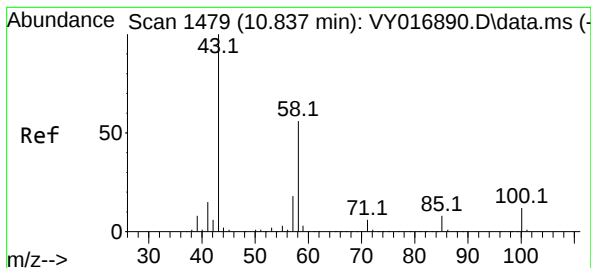
Reviewed By :Semsettin Yesilyurt 01/18/2024
Supervised By :Mahesh Dadoda 01/18/2024



#58
2-Chloroethyl Vinyl ether
Concen: 72.421 ug/l
RT: 9.807 min Scan# 1310
Delta R.T. 0.019 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09

Tgt Ion: 63 Resp: 38692
Ion Ratio Lower Upper
63 100
106 27.3 22.4 33.6





#59

2-Hexanone

Concen: 98.795 ug/l

RT: 10.849 min Scan# 1479

Delta R.T. 0.006 min

Lab File: VY017013.D

Acq: 17 Jan 2024 16:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBSD01

Tgt Ion: 43 Resp: 71814

Ion Ratio Lower Upper

43 100

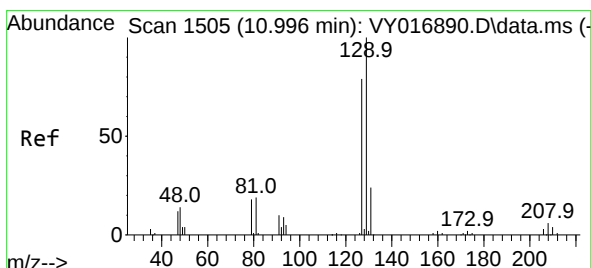
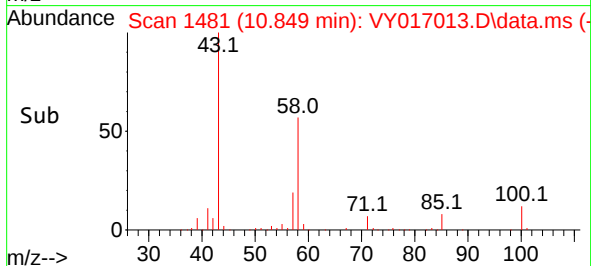
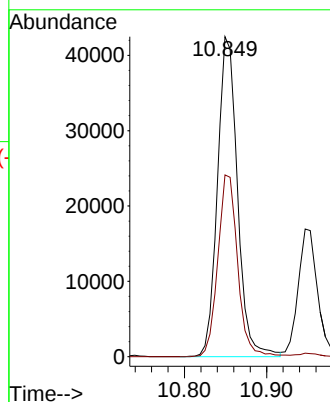
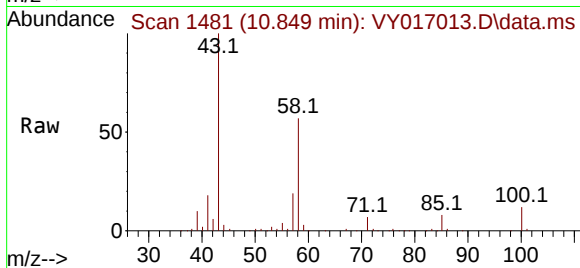
58 56.3 28.1 84.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/18/2024

Supervised By :Mahesh Dadoda 01/18/2024



#60

Dibromochloromethane

Concen: 19.238 ug/l

RT: 11.002 min Scan# 1506

Delta R.T. 0.006 min

Lab File: VY017013.D

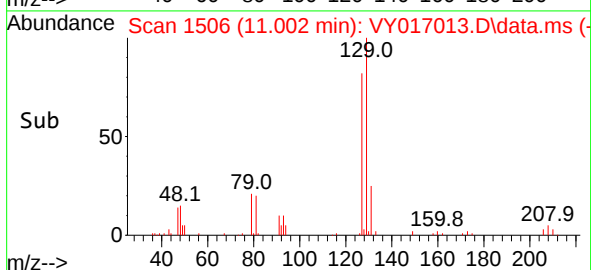
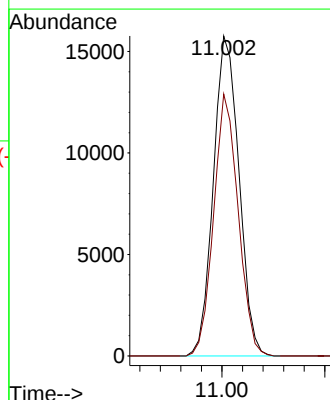
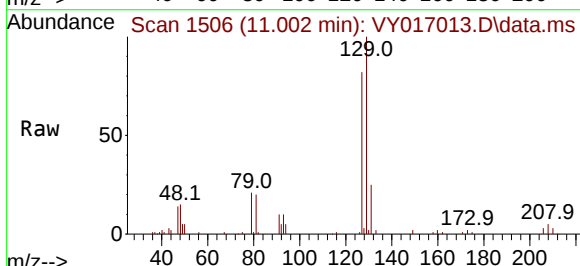
Acq: 17 Jan 2024 16:09

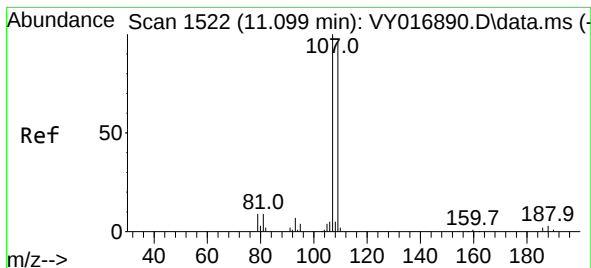
Tgt Ion:129 Resp: 27249

Ion Ratio Lower Upper

129 100

127 78.5 39.2 117.6





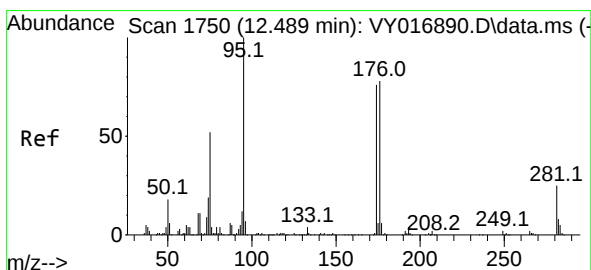
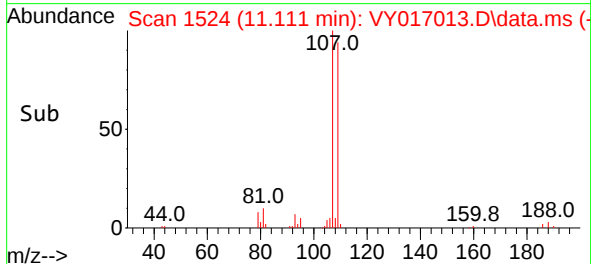
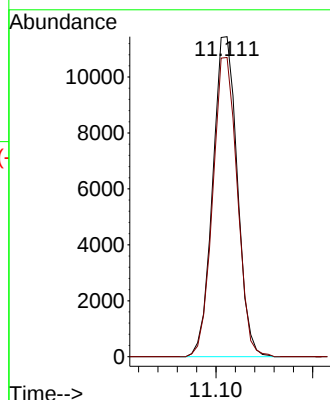
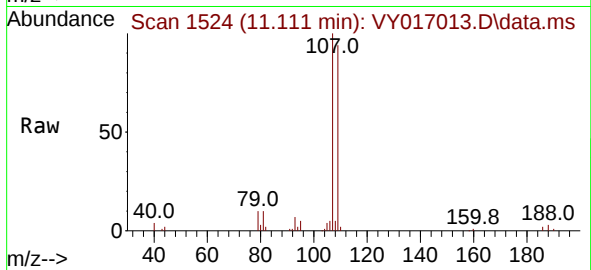
#61
1,2-Dibromoethane
Concen: 18.887 ug/l
RT: 11.111 min Scan# 1111
Delta R.T. 0.012 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBSD01

Tgt Ion: 107 Resp: 2015
Ion Ratio Lower Upper
107 100
109 93.3 75.4 113.2

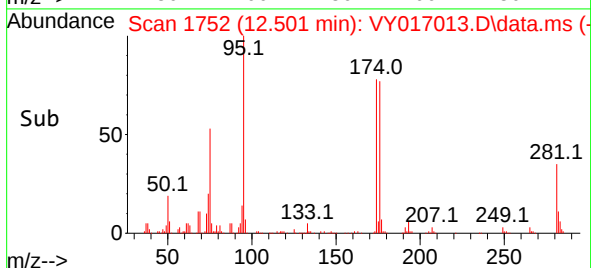
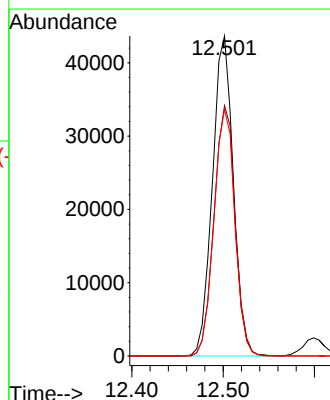
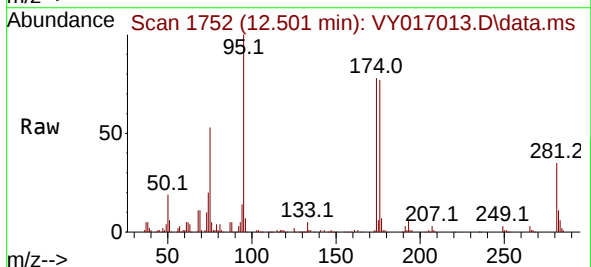
Manual Integrations
APPROVED

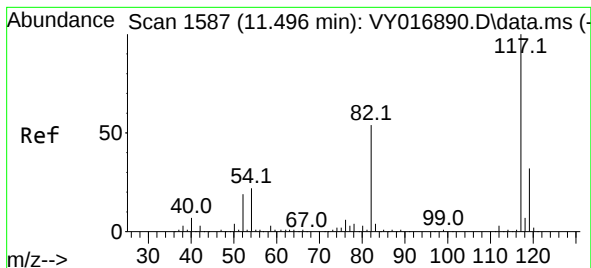
Reviewed By :Semsettin Yesilyurt 01/18/2024
Supervised By :Mahesh Dadoda 01/18/2024



#62
4-Bromofluorobenzene
Concen: 40.667 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09

Tgt Ion: 95 Resp: 69152
Ion Ratio Lower Upper
95 100
174 79.3 0.0 160.0
176 77.2 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017013.D

Acq: 17 Jan 2024 16:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBSD01

Tgt Ion:117 Resp: 19262

Ion Ratio Lower Upper

117 100

82 55.5 43.8 65.8

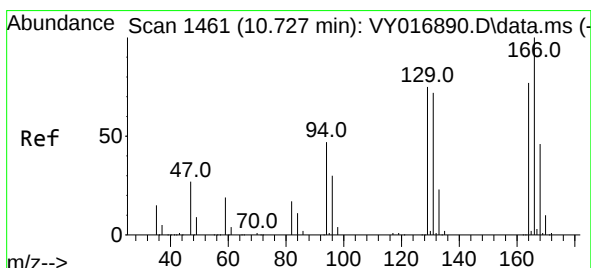
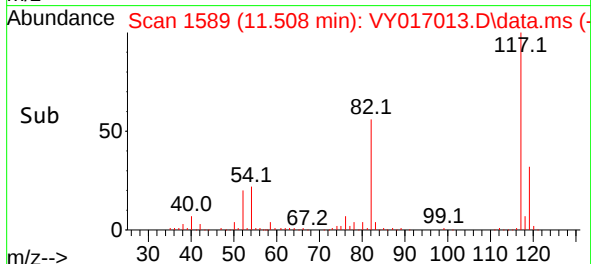
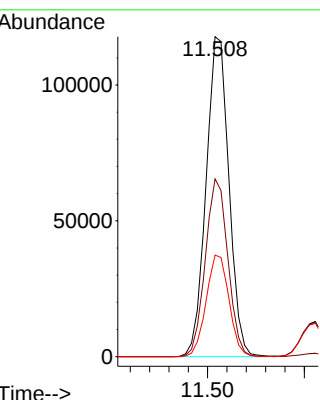
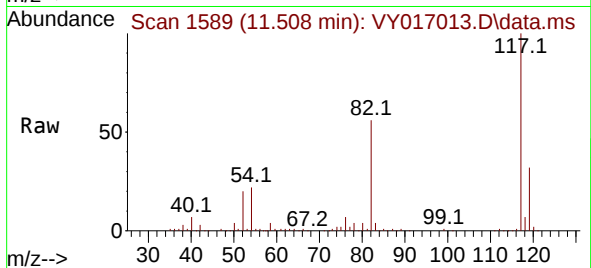
119 31.7 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/18/2024

Supervised By :Mahesh Dadoda 01/18/2024



#64

Tetrachloroethene

Concen: 18.744 ug/l

RT: 10.740 min Scan# 1463

Delta R.T. 0.013 min

Lab File: VY017013.D

Acq: 17 Jan 2024 16:09

Tgt Ion:164 Resp: 23408

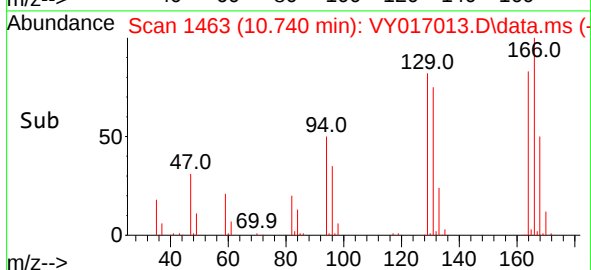
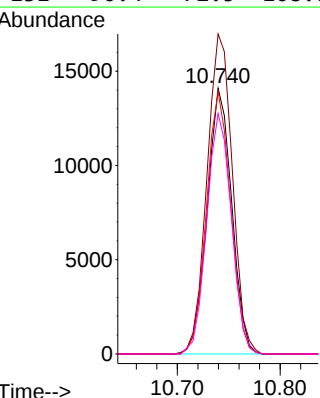
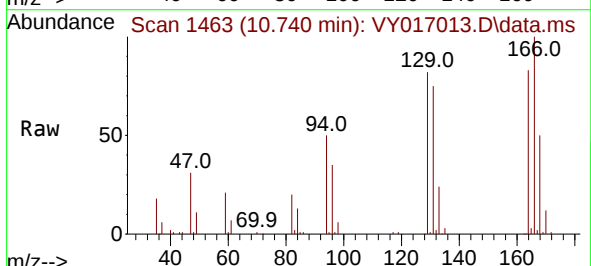
Ion Ratio Lower Upper

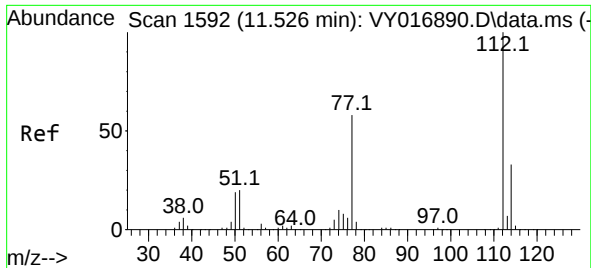
164 100

166 120.4 98.8 148.2

129 98.6 78.9 118.3

131 90.4 72.5 108.7





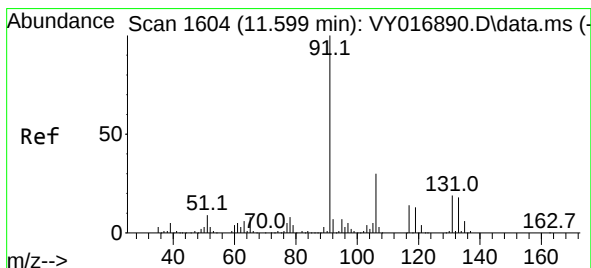
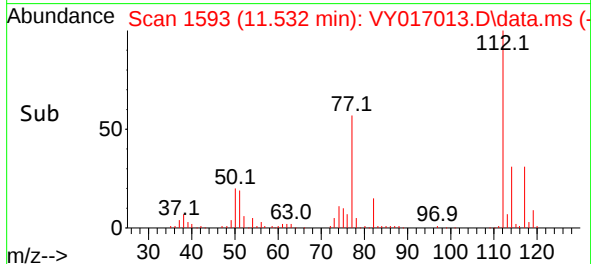
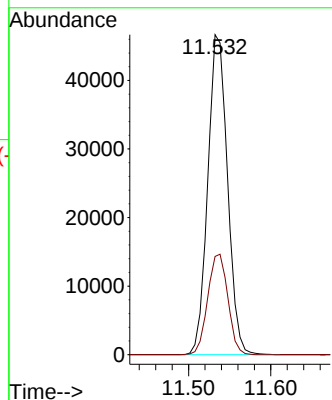
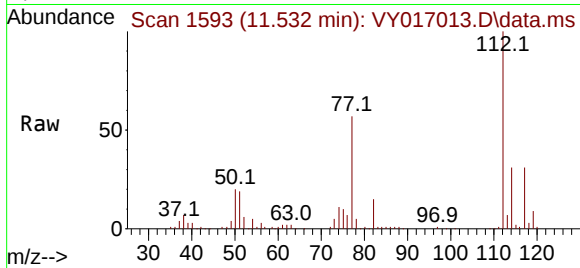
#65
Chlorobenzene
Concen: 19.356 ug/l
RT: 11.532 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBSD01

Tgt Ion:112 Resp: 7767
Ion Ratio Lower Upper
112 100
114 30.7 26.1 39.1

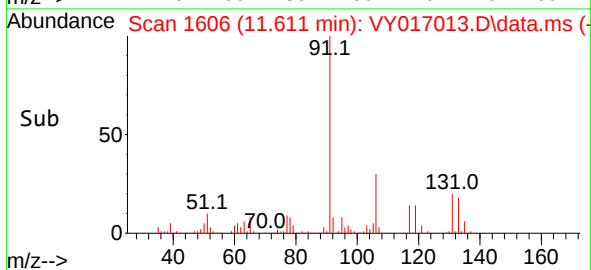
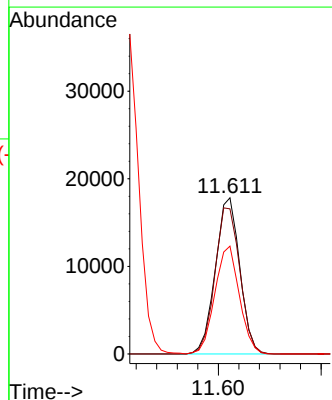
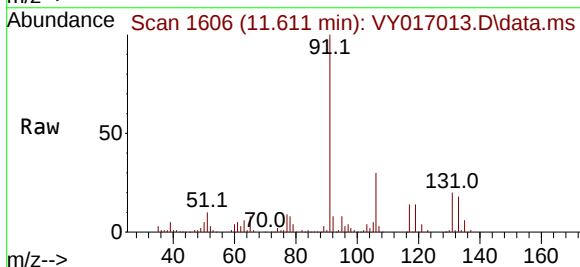
Manual Integrations
APPROVED

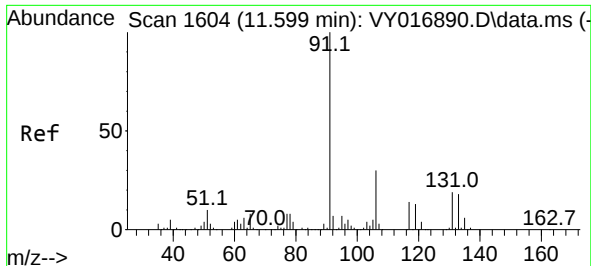
Reviewed By :Semsettin Yesilyurt 01/18/2024
Supervised By :Mahesh Dadoda 01/18/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 19.234 ug/l
RT: 11.611 min Scan# 1606
Delta R.T. 0.012 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09

Tgt Ion:131 Resp: 29339
Ion Ratio Lower Upper
131 100
133 96.1 47.0 141.0
119 69.4 33.3 99.9





#67

Ethyl Benzene

Concen: 19.235 ug/l

RT: 11.611 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017013.D

Acq: 17 Jan 2024 16:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBSD01

Tgt Ion: 91 Resp: 13895

Ion Ratio Lower Upper

91 100

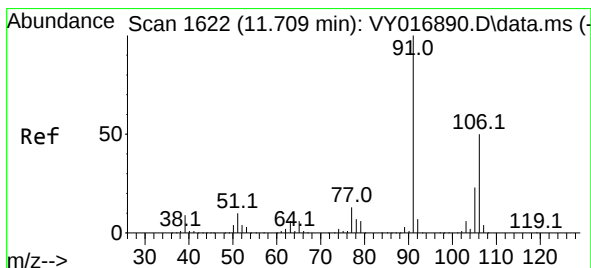
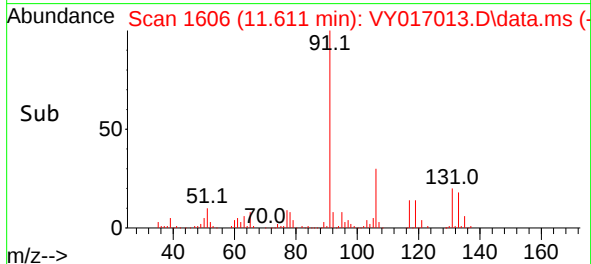
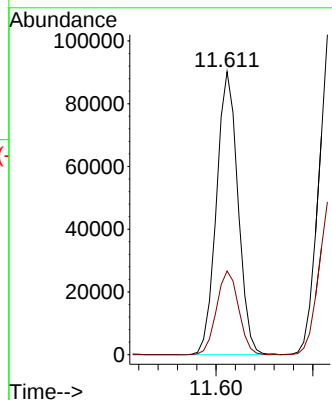
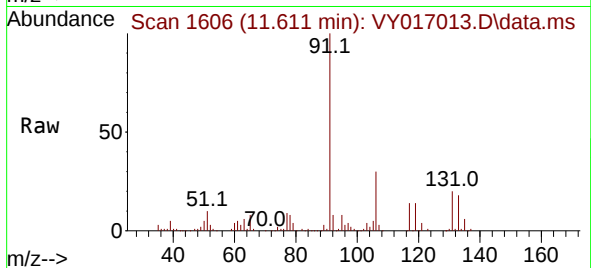
106 29.6 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/18/2024

Supervised By :Mahesh Dadoda 01/18/2024



#68

m/p-Xylenes

Concen: 38.391 ug/l

RT: 11.721 min Scan# 1624

Delta R.T. 0.012 min

Lab File: VY017013.D

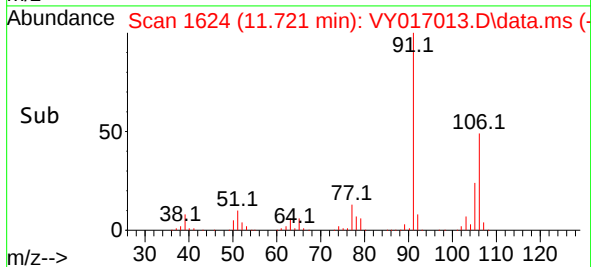
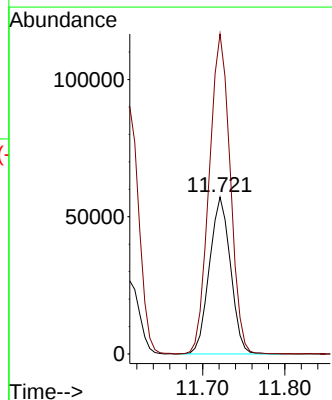
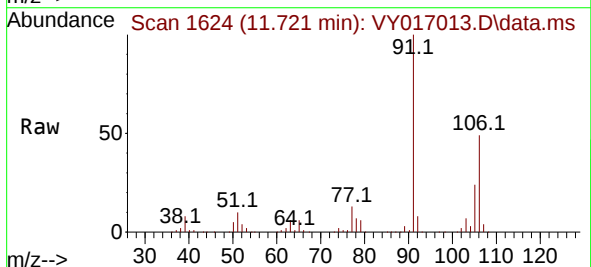
Acq: 17 Jan 2024 16:09

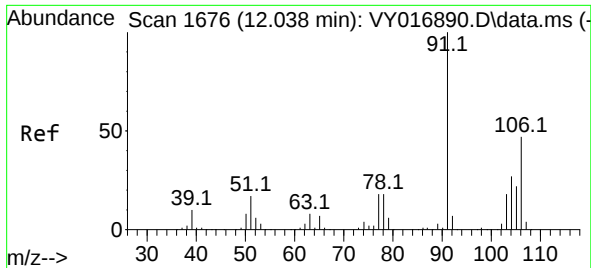
Tgt Ion:106 Resp: 101801

Ion Ratio Lower Upper

106 100

91 204.4 160.7 241.1





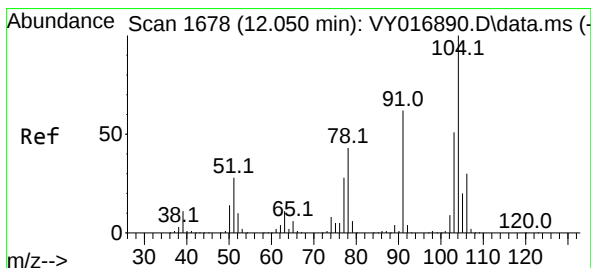
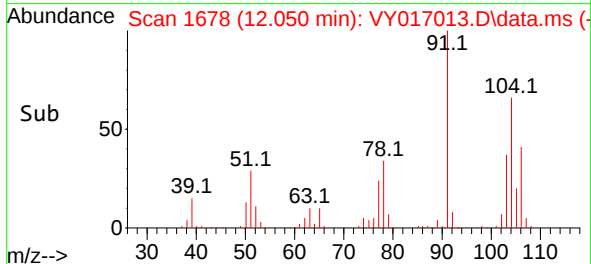
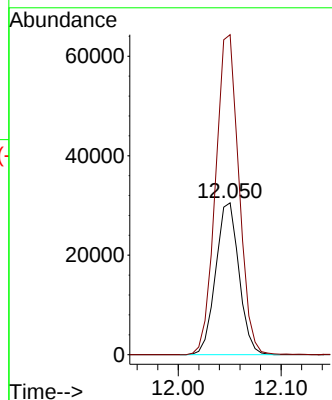
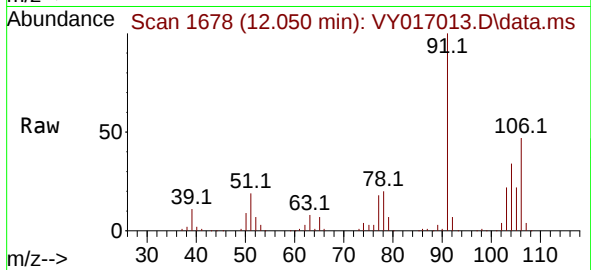
#69
o-Xylene
Concen: 19.275 ug/l
RT: 12.050 min Scan# 1676
Delta R.T. 0.012 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tgt Ion:106 Resp: 47910
Ion Ratio Lower Upper
106 100
91 211.8 106.5 319.5

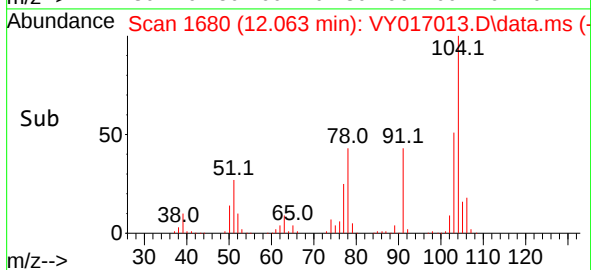
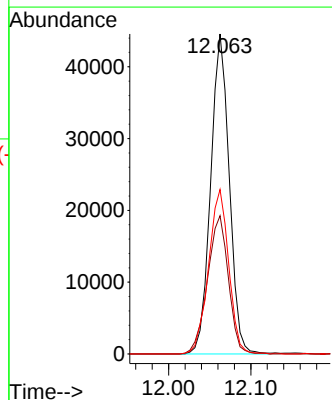
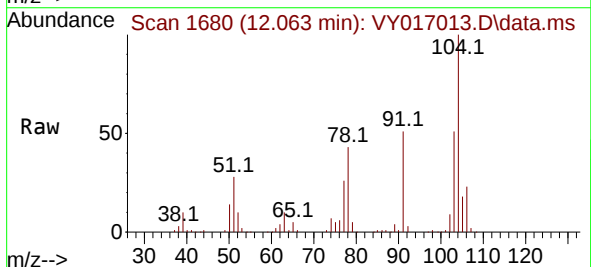
Manual Integrations
APPROVED

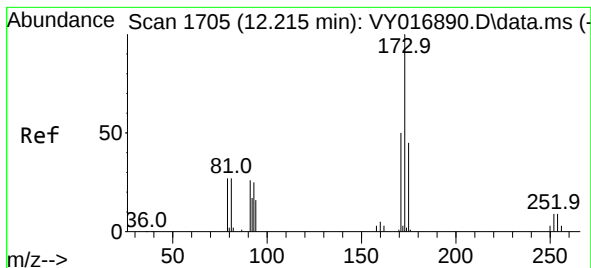
Reviewed By :Semsettin Yesilyurt 01/18/2024
Supervised By :Mahesh Dadoda 01/18/2024



#70
Styrene
Concen: 19.370 ug/l
RT: 12.063 min Scan# 1680
Delta R.T. 0.012 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09

Tgt Ion:104 Resp: 70081
Ion Ratio Lower Upper
104 100
78 48.5 39.2 58.8
103 55.6 43.8 65.6





#71

Bromoform

Concen: 19.477 ug/l

RT: 12.227 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017013.D

Acq: 17 Jan 2024 16:09

Instrument :

MSVOA_Y

ClientSampleId :

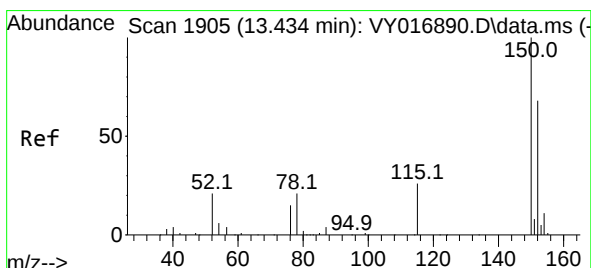
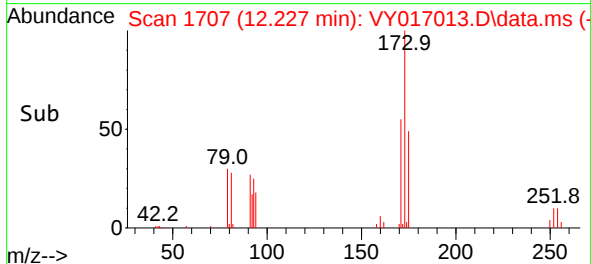
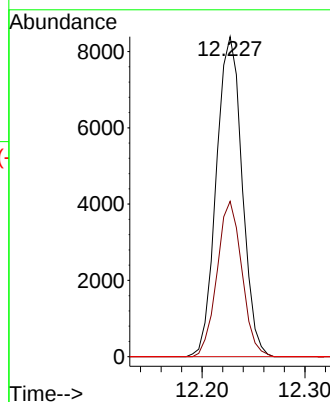
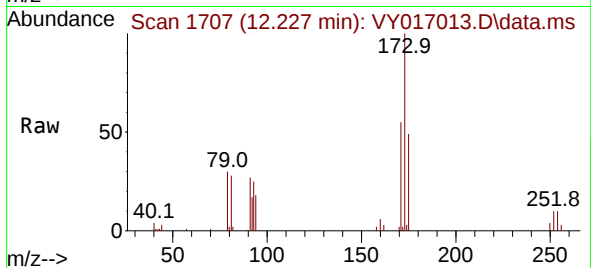
VY0117SBSD01

Tgt Ion:173	Resp:	14620
Ion Ratio	Lower	Upper
173	100	
175	46.7	23.5 70.6
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/18/2024
Supervised By :Mahesh Dadoda 01/18/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

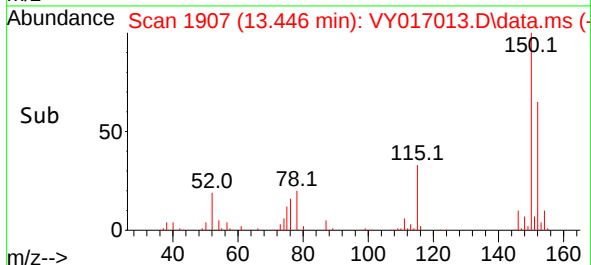
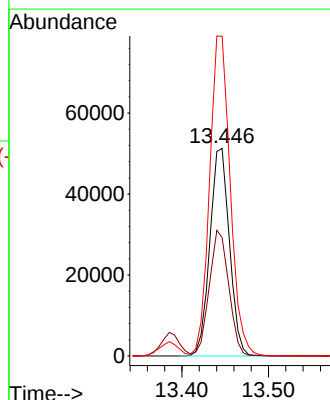
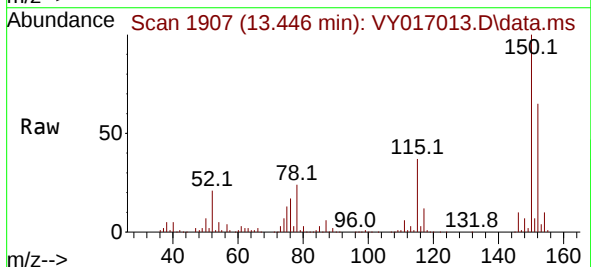
RT: 13.446 min Scan# 1907

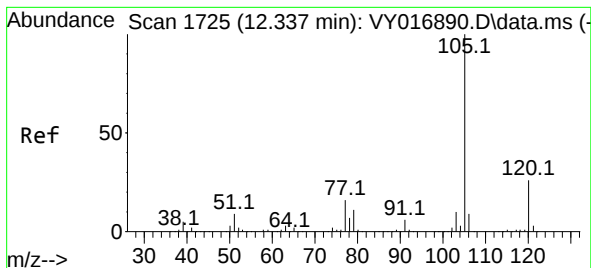
Delta R.T. 0.012 min

Lab File: VY017013.D

Acq: 17 Jan 2024 16:09

Tgt Ion:152	Resp:	80522
Ion Ratio	Lower	Upper
152	100	
115	60.3	30.0 90.0
150	162.0	0.0 344.6





#73

Isopropylbenzene

Concen: 20.340 ug/l

RT: 12.349 min Scan# 1727

Delta R.T. 0.012 min

Lab File: VY017013.D

Acq: 17 Jan 2024 16:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBS01

Tgt Ion:105 Resp: 133748

Ion Ratio Lower Upper

105 100

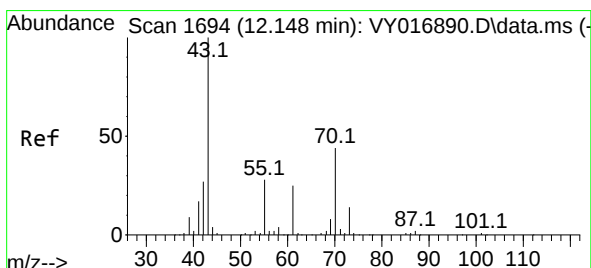
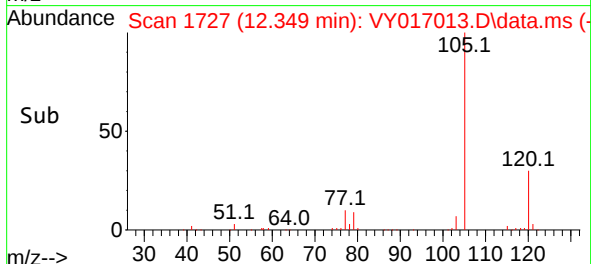
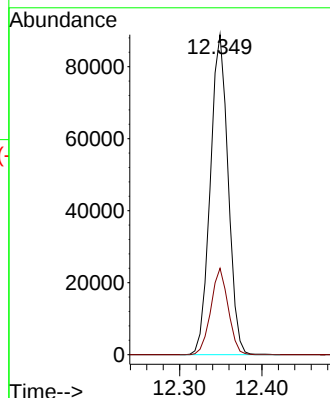
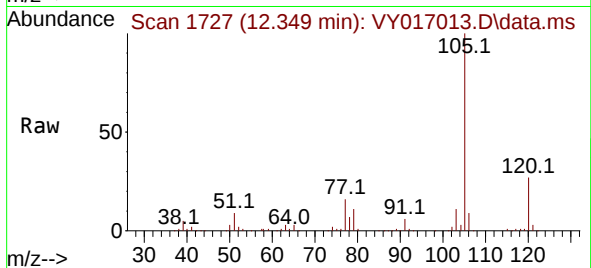
120 26.2 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/18/2024

Supervised By :Mahesh Dadoda 01/18/2024



#74

N-ethyl acetate

Concen: 19.937 ug/l

RT: 12.160 min Scan# 1696

Delta R.T. 0.006 min

Lab File: VY017013.D

Acq: 17 Jan 2024 16:09

Tgt Ion: 43 Resp: 26339

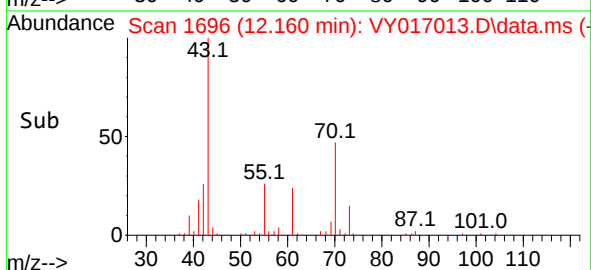
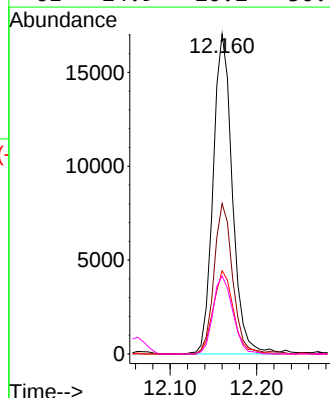
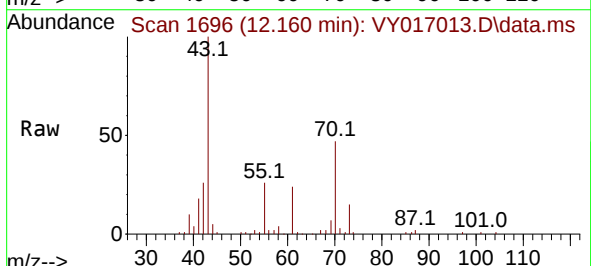
Ion Ratio Lower Upper

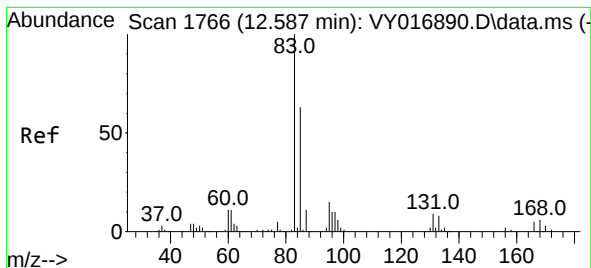
43 100

70 45.9 36.6 55.0

55 27.3 22.2 33.4

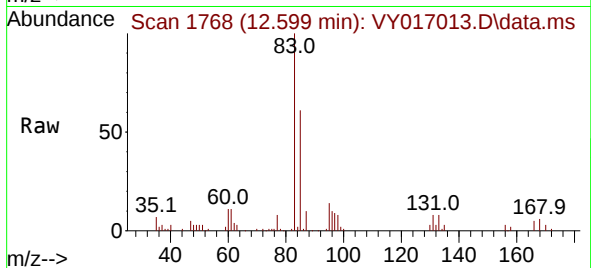
61 24.9 20.2 30.4





#75
1,1,2,2-Tetrachloroethane
Concen: 19.902 ug/l
RT: 12.599 min Scan# 1766
Delta R.T. 0.006 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09

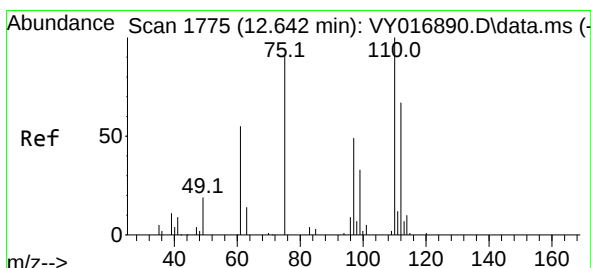
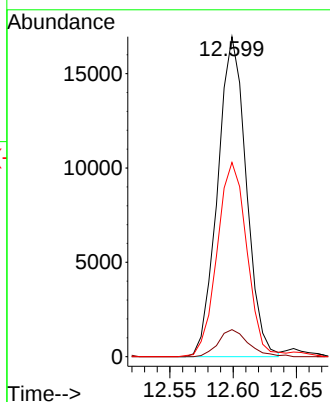
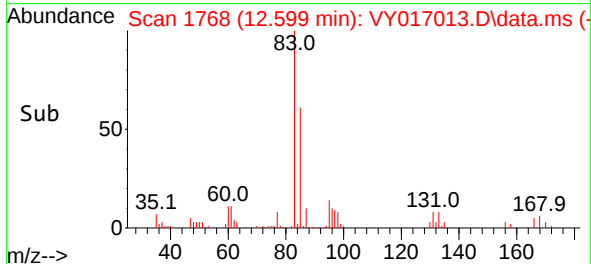
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBSD01



Tgt Ion: 83 Resp: 26664
Ion Ratio Lower Upper
83 100
131 8.9 4.9 14.6
85 63.2 32.6 98.0

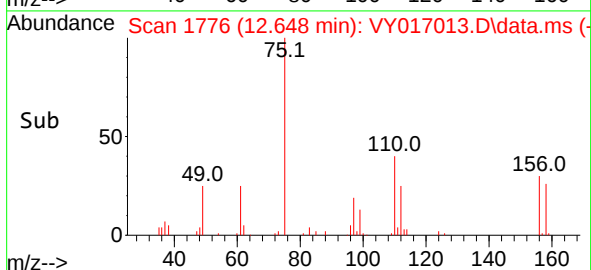
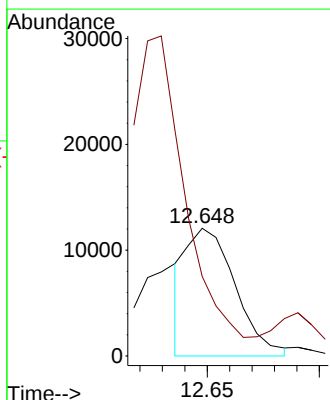
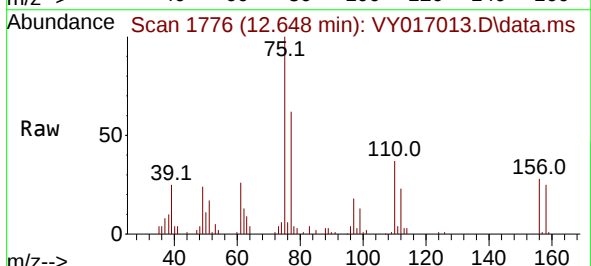
Manual Integrations
APPROVED

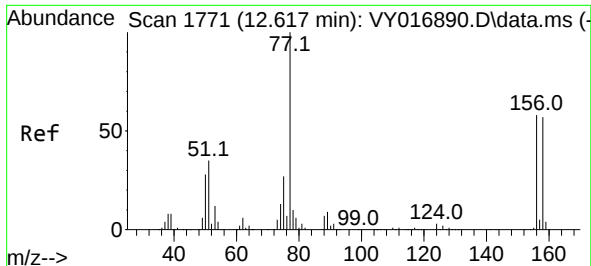
Reviewed By :Semsettin Yesilyurt 01/18/2024
Supervised By :Mahesh Dadoda 01/18/2024



#76
1,2,3-Trichloropropane
Concen: 21.111 ug/l m
RT: 12.648 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09

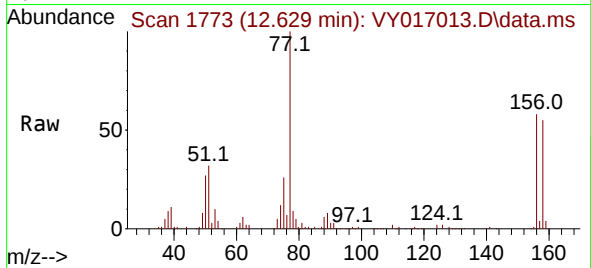
Tgt Ion: 75 Resp: 18447
Ion Ratio Lower Upper
75 100
77 299.8 0.0 0.0#





#77
Bromobenzene
Concen: 19.737 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. 0.012 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09

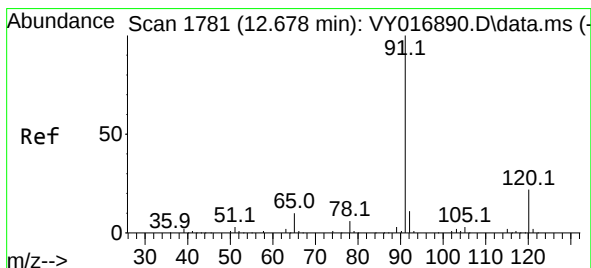
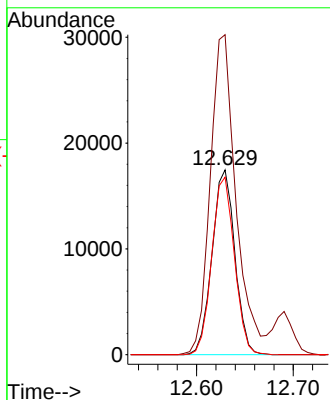
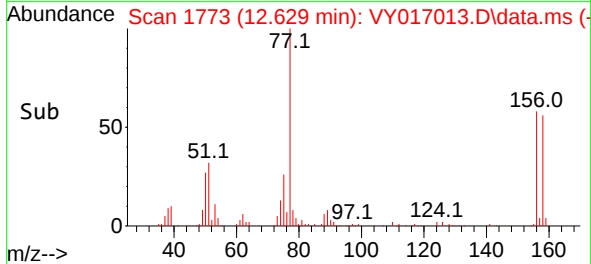
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBSD01



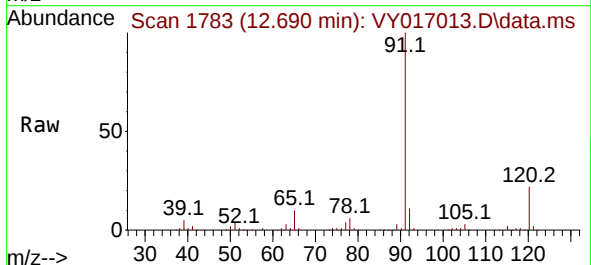
Tgt Ion:156 Resp: 28574
Ion Ratio Lower Upper
156 100
77 193.5 97.3 291.8
158 95.3 48.4 145.0

Manual Integrations
APPROVED

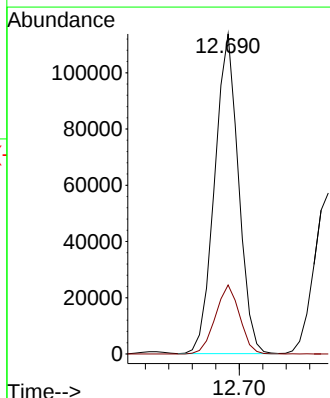
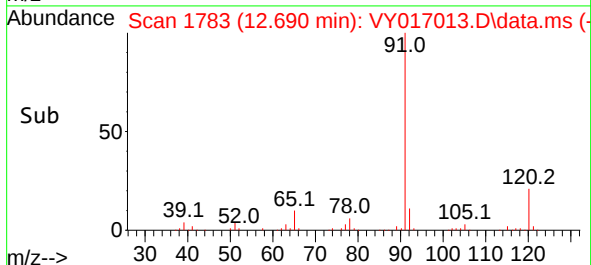
Reviewed By :Semsettin Yesilyurt 01/18/2024
Supervised By :Mahesh Dadoda 01/18/2024

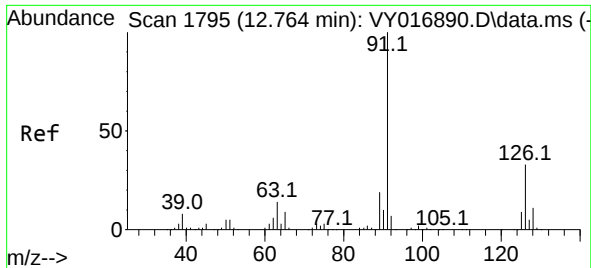


#78
n-propylbenzene
Concen: 20.079 ug/l
RT: 12.690 min Scan# 1783
Delta R.T. 0.012 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09



Tgt Ion: 91 Resp: 160513
Ion Ratio Lower Upper
91 100
120 21.9 11.0 33.0





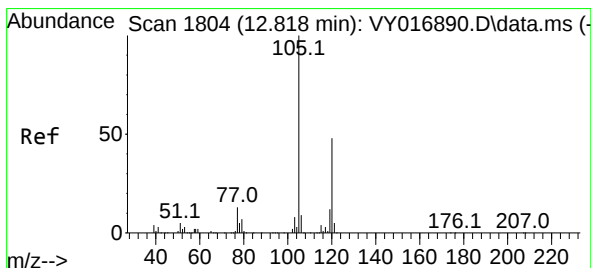
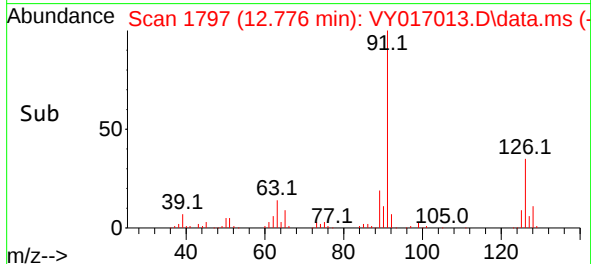
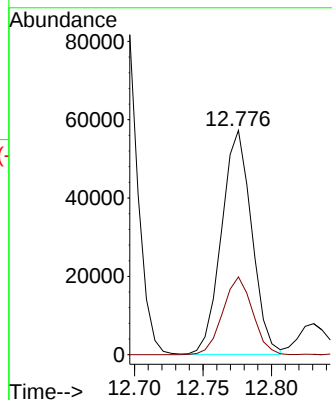
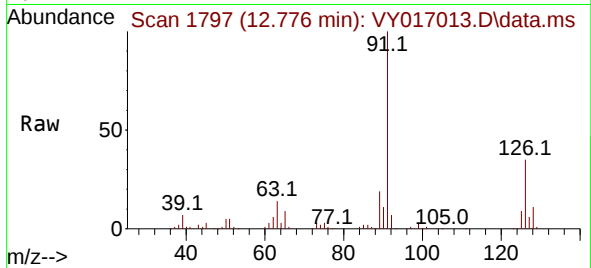
#79
2-Chlorotoluene
Concen: 19.838 ug/l
RT: 12.776 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBSD01

Tgt Ion: 91 Resp: 8793
Ion Ratio Lower Upper
91 100
126 34.2 17.0 51.0

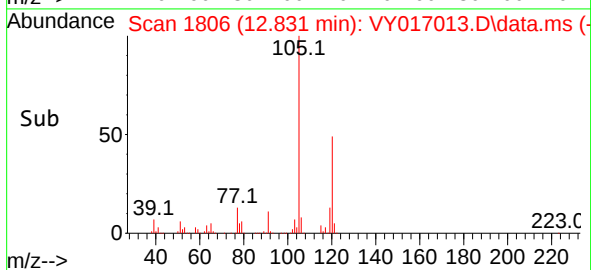
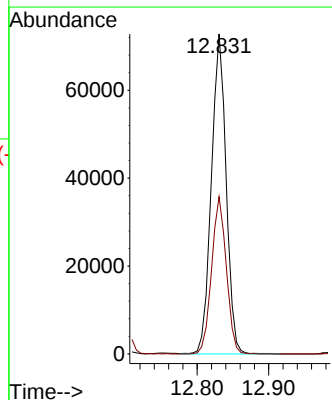
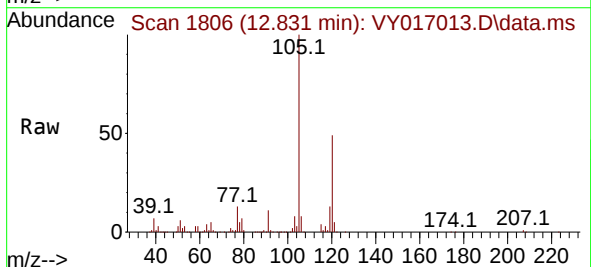
Manual Integrations
APPROVED

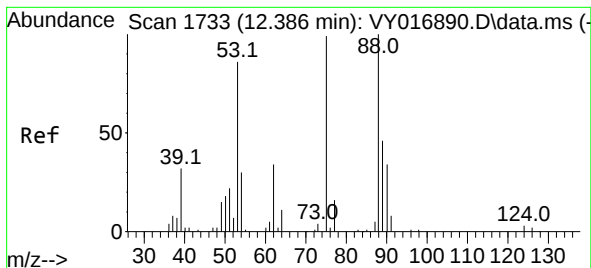
Reviewed By :Semsettin Yesilyurt 01/18/2024
Supervised By :Mahesh Dadoda 01/18/2024



#80
1,3,5-Trimethylbenzene
Concen: 20.072 ug/l
RT: 12.831 min Scan# 1806
Delta R.T. 0.013 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09

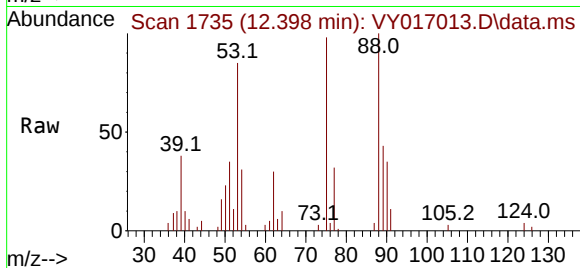
Tgt Ion:105 Resp: 104383
Ion Ratio Lower Upper
105 100
120 48.9 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 18.648 ug/l
RT: 12.398 min Scan# 1735
Delta R.T. 0.013 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09

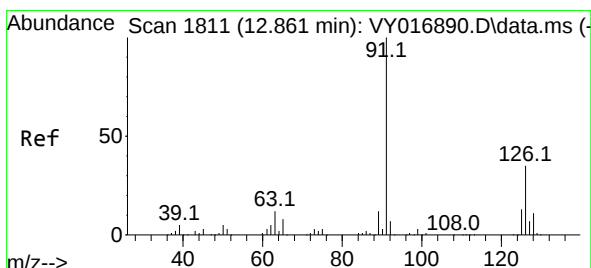
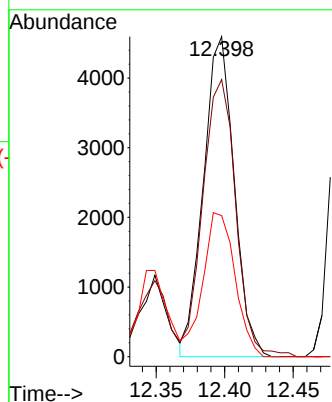
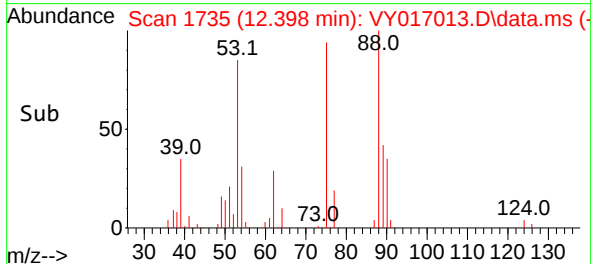
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBSD01



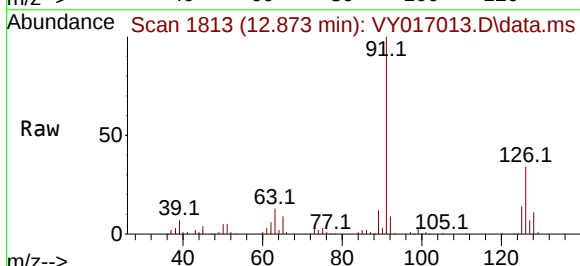
Tgt Ion: 75 Resp: 7170
Ion Ratio Lower Upper
75 100
53 92.4 74.0 111.0
89 47.0 36.5 54.7

Manual Integrations
APPROVED

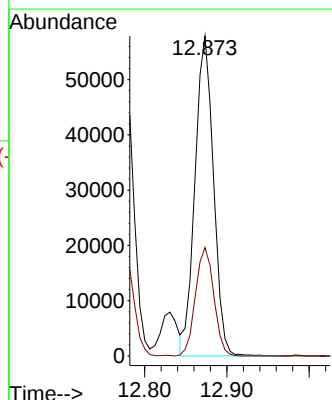
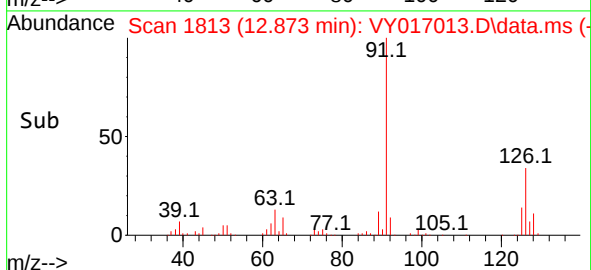
Reviewed By :Semsettin Yesilyurt 01/18/2024
Supervised By :Mahesh Dadoda 01/18/2024

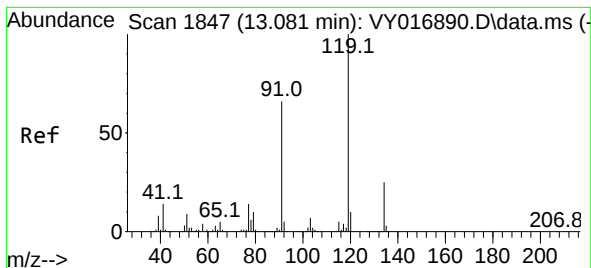


#82
4-Chlorotoluene
Concen: 19.956 ug/l
RT: 12.873 min Scan# 1813
Delta R.T. 0.012 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09



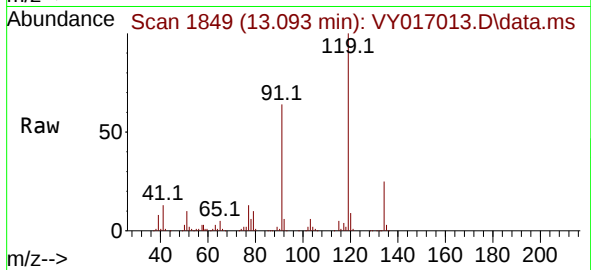
Tgt Ion: 91 Resp: 90375
Ion Ratio Lower Upper
91 100
126 33.6 17.1 51.2





#83
tert-Butylbenzene
Concen: 20.276 ug/l
RT: 13.093 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09

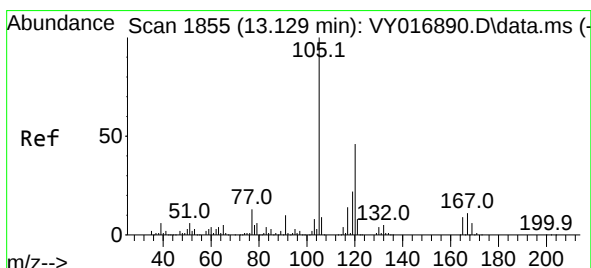
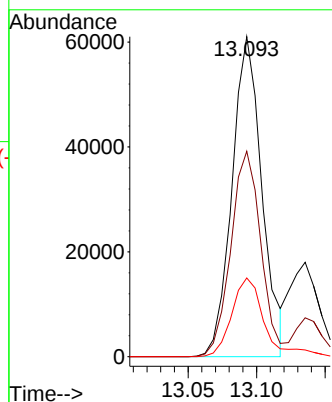
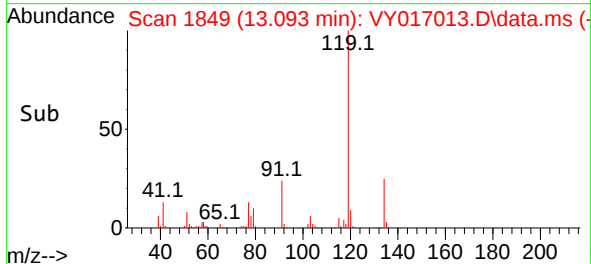
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBSD01



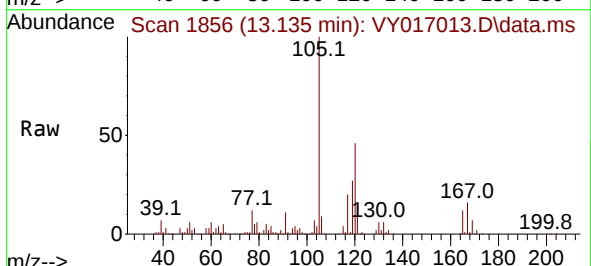
Tgt Ion:119 Resp: 9287
Ion Ratio Lower Upper
119 100
91 64.0 31.5 94.5
134 26.8 13.1 39.3

Manual Integrations
APPROVED

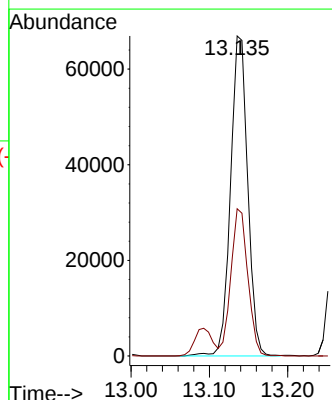
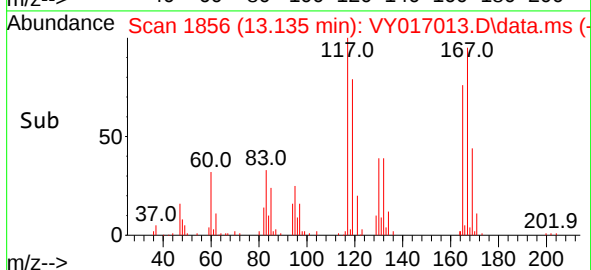
Reviewed By :Semsettin Yesilyurt 01/18/2024
Supervised By :Mahesh Dadoda 01/18/2024

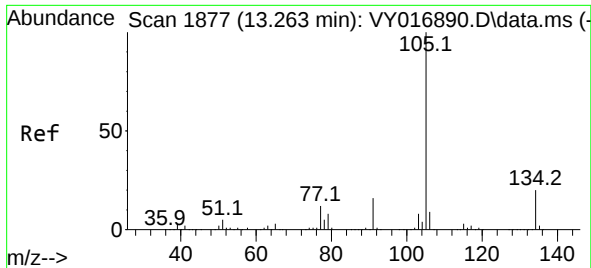


#84
1,2,4-Trimethylbenzene
Concen: 19.867 ug/l
RT: 13.135 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09



Tgt Ion:105 Resp: 101747
Ion Ratio Lower Upper
105 100
120 45.4 22.1 66.3





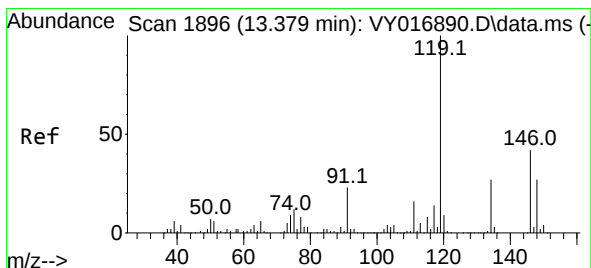
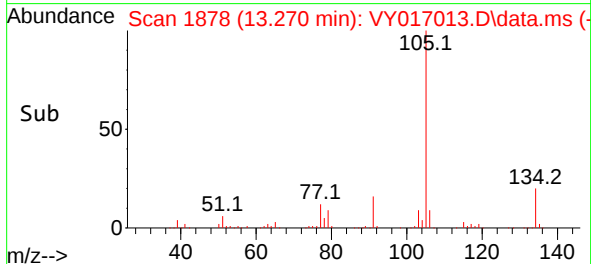
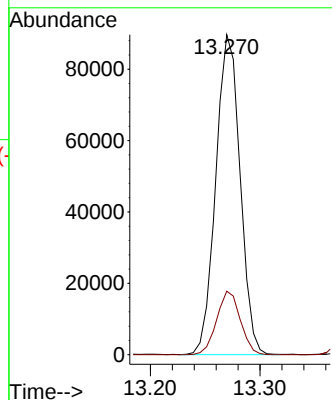
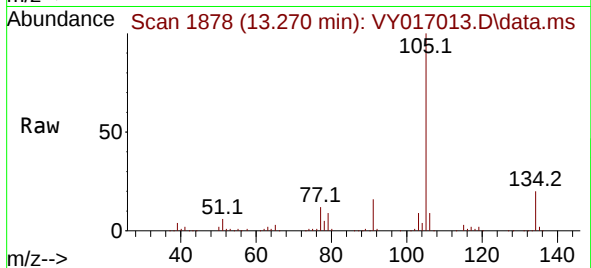
#85
 sec-Butylbenzene
 Concen: 20.370 ug/l
 RT: 13.270 min Scan# 1878
 Delta R.T. 0.007 min
 Lab File: VY017013.D
 Acq: 17 Jan 2024 16:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0117SBSD01

Tgt Ion:105 Resp: 13824
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 28.9

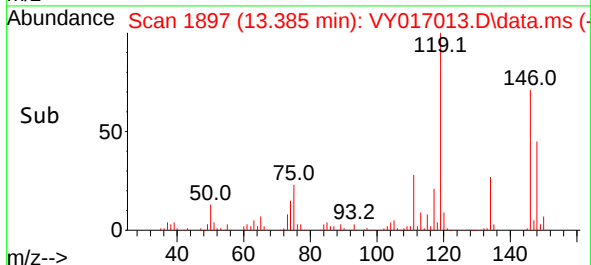
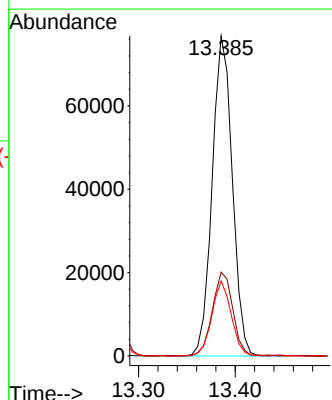
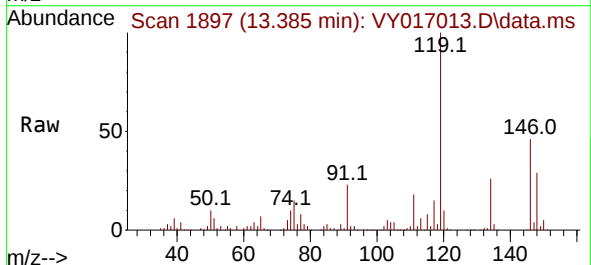
Manual Integrations
 APPROVED

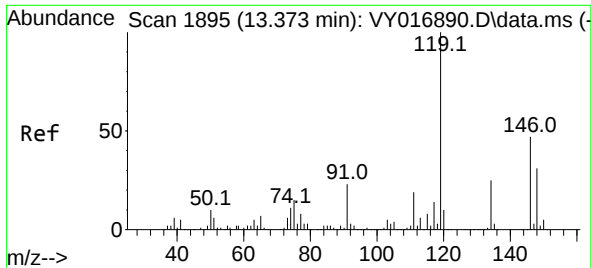
Reviewed By :Semsettin Yesilyurt 01/18/2024
 Supervised By :Mahesh Dadoda 01/18/2024



#86
 p-Isopropyltoluene
 Concen: 19.839 ug/l
 RT: 13.385 min Scan# 1897
 Delta R.T. 0.006 min
 Lab File: VY017013.D
 Acq: 17 Jan 2024 16:09

Tgt Ion:119 Resp: 111127
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.1 39.1
 91 22.7 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 19.236 ug/l

RT: 13.385 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017013.D

Acq: 17 Jan 2024 16:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBS01

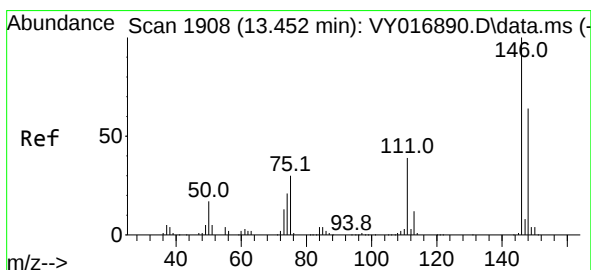
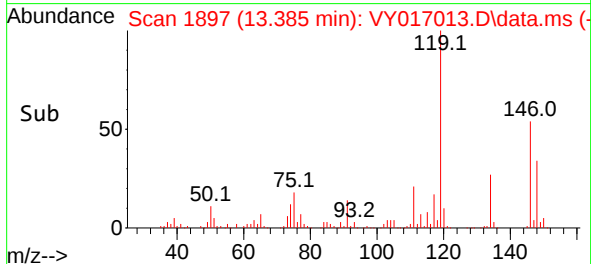
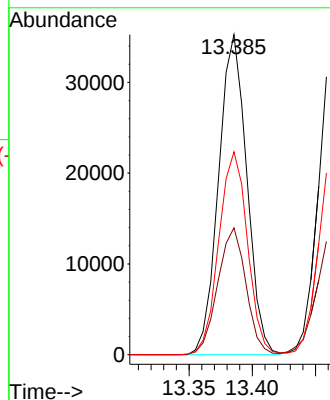
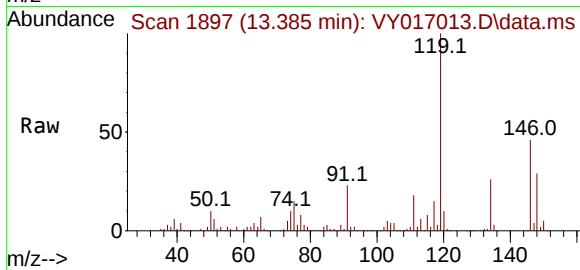
Tgt Ion:146 Resp: 5461

Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.2	60.5
148	64.4	31.9	95.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/18/2024
Supervised By :Mahesh Dadoda 01/18/2024



#88

1,4-Dichlorobenzene

Concen: 19.264 ug/l

RT: 13.465 min Scan# 1910

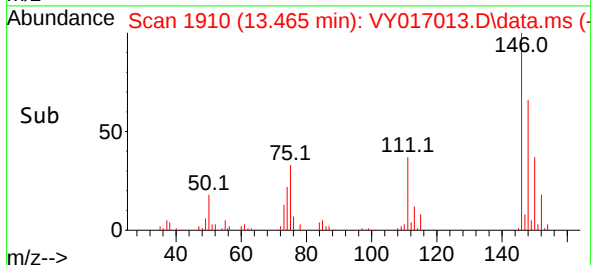
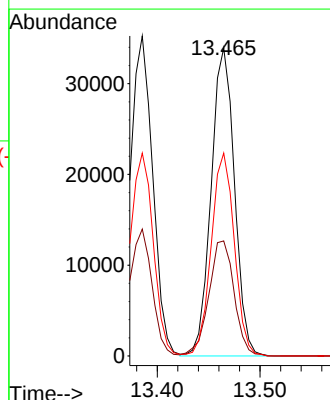
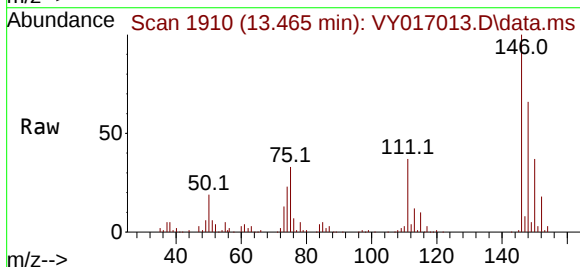
Delta R.T. 0.013 min

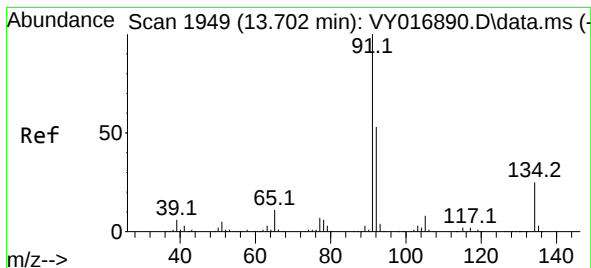
Lab File: VY017013.D

Acq: 17 Jan 2024 16:09

Tgt Ion:146 Resp: 53496

Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.3	57.9
148	65.3	31.6	94.7





#89

n-Butylbenzene

Concen: 19.457 ug/l

RT: 13.715 min Scan# 1949

Delta R.T. 0.013 min

Lab File: VY017013.D

Acq: 17 Jan 2024 16:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBS01

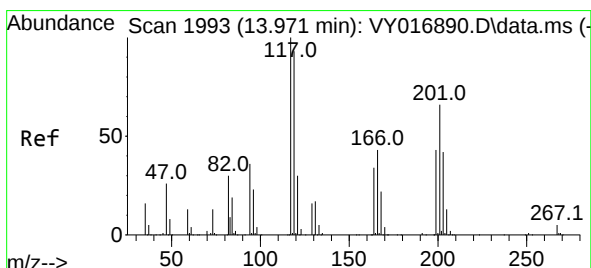
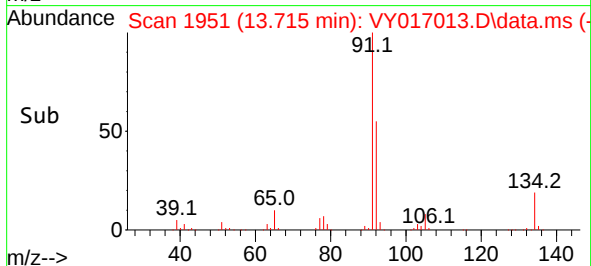
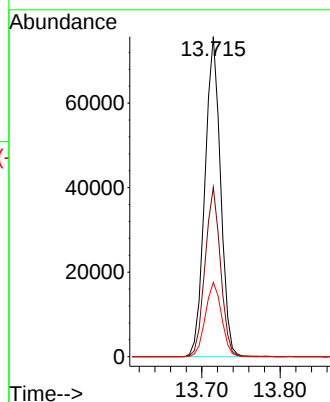
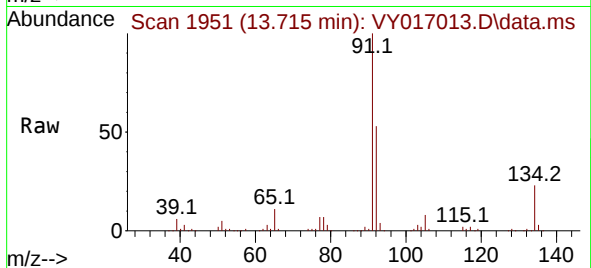
Tgt Ion: 91 Resp: 10478

Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.4	79.2
134	24.0	12.3	36.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/18/2024
Supervised By :Mahesh Dadoda 01/18/2024



#90

Hexachloroethane

Concen: 19.536 ug/l

RT: 13.977 min Scan# 1994

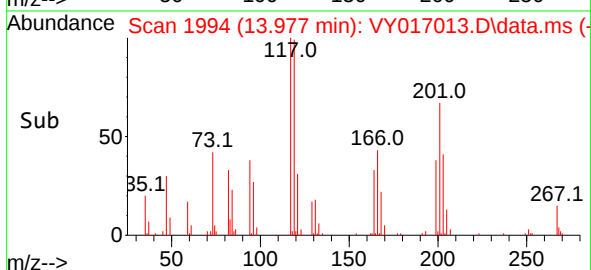
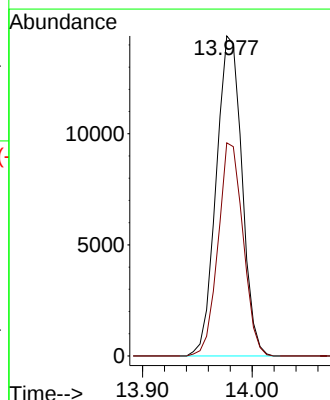
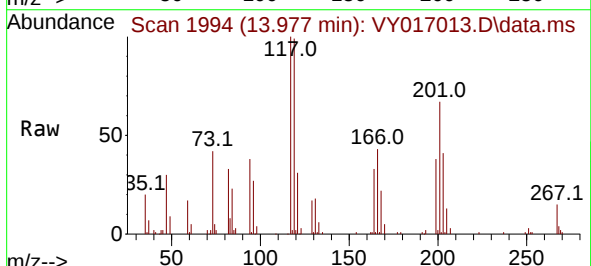
Delta R.T. 0.006 min

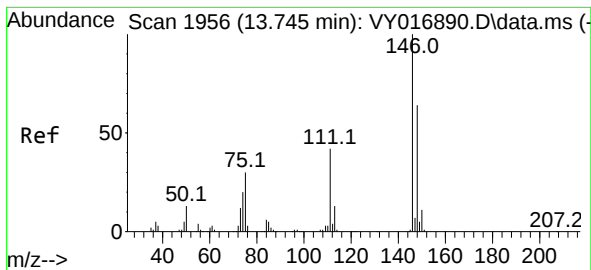
Lab File: VY017013.D

Acq: 17 Jan 2024 16:09

Tgt Ion:117 Resp: 23514

Ion	Ratio	Lower	Upper
117	100		
201	64.5	33.4	100.1





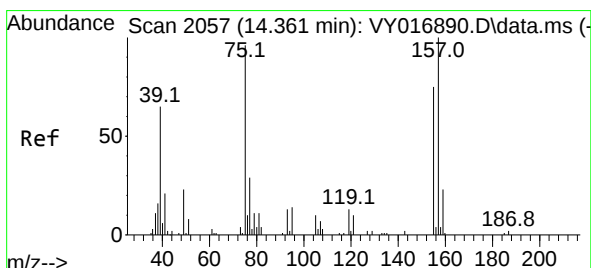
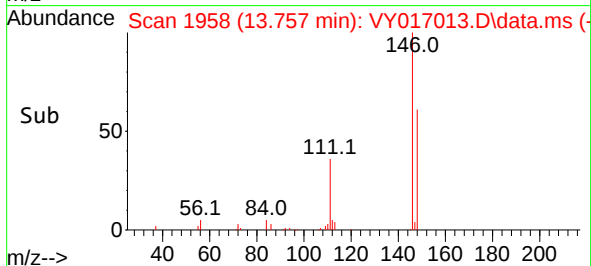
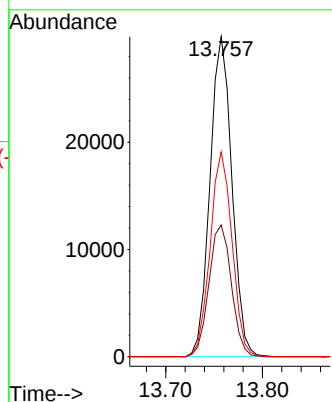
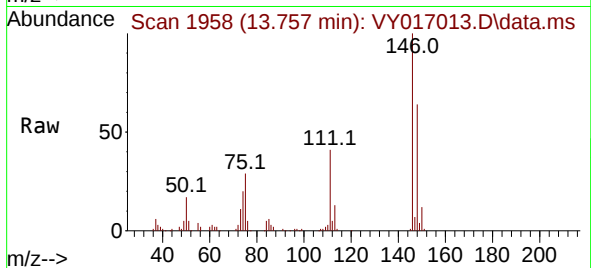
#91
1,2-Dichlorobenzene
Concen: 19.167 ug/l
RT: 13.757 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBSD01

Tgt Ion:146 Resp: 47030
Ion Ratio Lower Upper
146 100
111 42.2 20.5 61.6
148 63.9 31.4 94.3

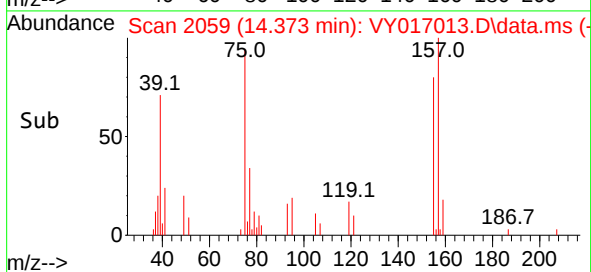
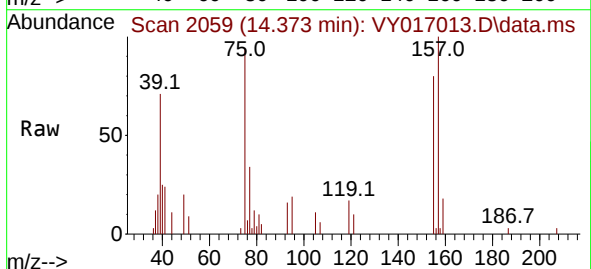
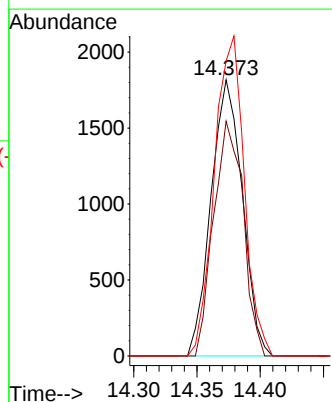
Manual Integrations
APPROVED

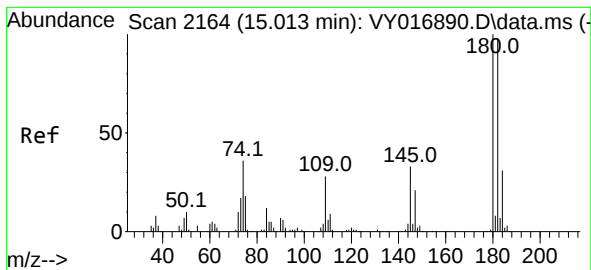
Reviewed By :Semsettin Yesilyurt 01/18/2024
Supervised By :Mahesh Dadoda 01/18/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.618 ug/l
RT: 14.373 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY017013.D
Acq: 17 Jan 2024 16:09

Tgt Ion: 75 Resp: 3128
Ion Ratio Lower Upper
75 100
155 80.1 42.1 126.3
157 110.2 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 17.561 ug/l

RT: 15.025 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY017013.D

Acq: 17 Jan 2024 16:09

Instrument :

MSVOA_Y

ClientSampleId :

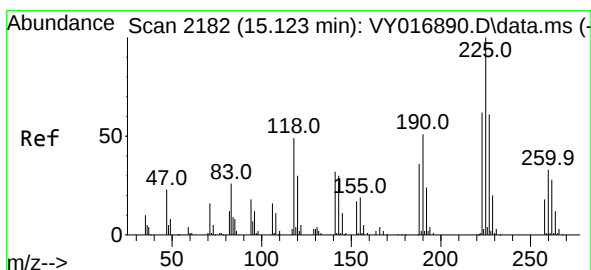
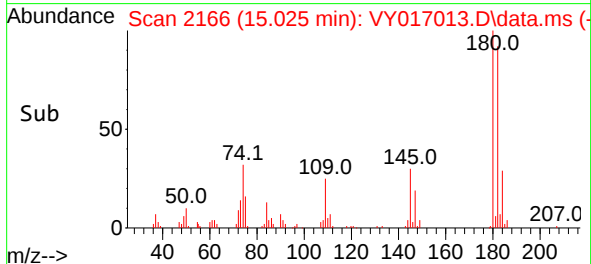
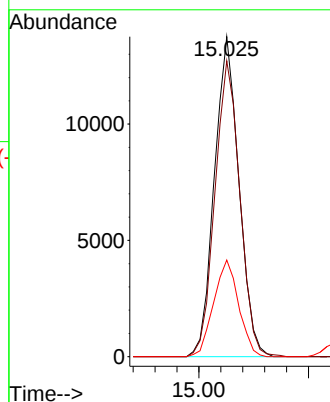
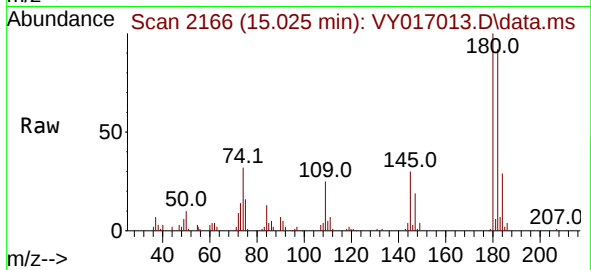
VY0117SBSD01

Tgt Ion:180	Resp:	2139
Ion Ratio	Lower	Upper
180	100	
182	93.6	47.9 143.7
145	30.7	15.9 47.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/18/2024
Supervised By :Mahesh Dadoda 01/18/2024



#94

Hexachlorobutadiene

Concen: 17.777 ug/l

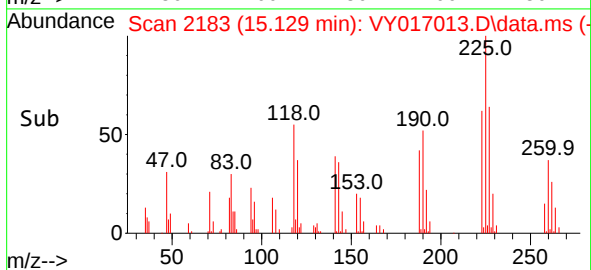
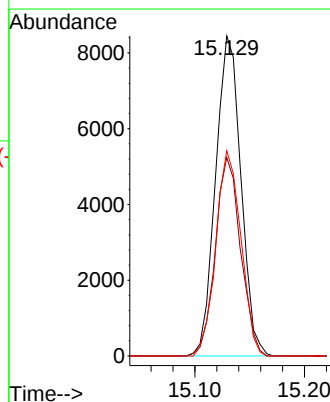
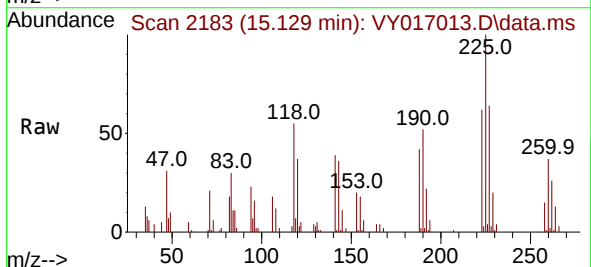
RT: 15.129 min Scan# 2183

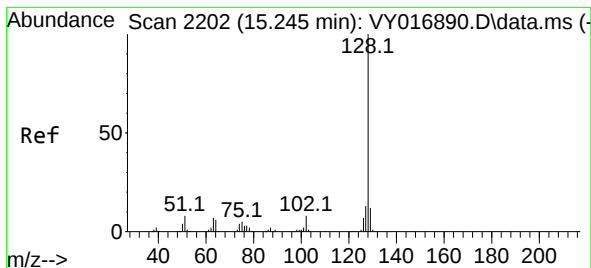
Delta R.T. 0.006 min

Lab File: VY017013.D

Acq: 17 Jan 2024 16:09

Tgt Ion:225	Resp:	13569
Ion Ratio	Lower	Upper
225	100	
223	61.9	31.4 94.3
227	63.2	32.3 96.8





#95

Naphthalene

Concen: 17.995 ug/l

RT: 15.257 min Scan# 2204

Delta R.T. 0.012 min

Lab File: VY017013.D

Acq: 17 Jan 2024 16:09

Instrument :

MSVOA_Y

ClientSampleId :

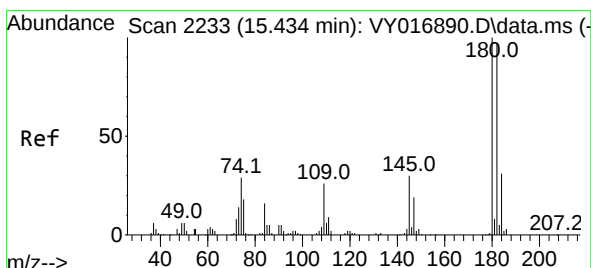
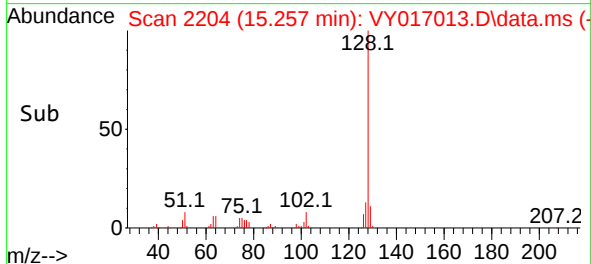
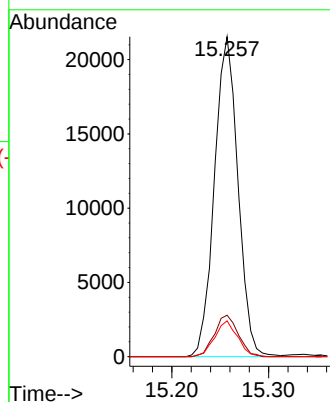
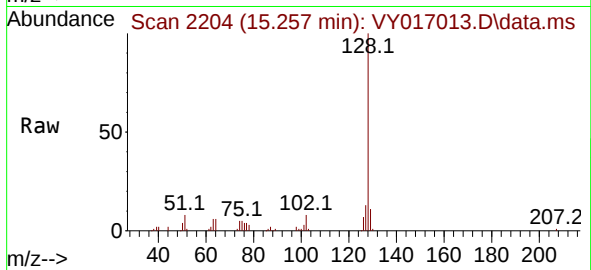
VY0117SBSD01

Tgt Ion:128	Resp:	3637
Ion Ratio	Lower	Upper
128	100	
127	13.2	10.2 15.4
129	10.9	8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/18/2024
Supervised By :Mahesh Dadoda 01/18/2024



#96

1,2,3-Trichlorobenzene

Concen: 16.885 ug/l

RT: 15.446 min Scan# 2235

Delta R.T. 0.012 min

Lab File: VY017013.D

Acq: 17 Jan 2024 16:09

Tgt Ion:180	Resp:	17469
Ion Ratio	Lower	Upper
180	100	
182	94.5	46.3 138.8
145	32.4	16.1 48.2

