

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013124\
 Data File : VY017153.D
 Acq On : 31 Jan 2024 11:58
 Operator : SY/MD
 Sample : VY0131SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024
 Supervised By :Semsettin Yesilyurt 02/01/2024

Quant Time: Jan 31 22:57:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	96760	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	166915	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.507	117	144405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	65809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	54955	58.293	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.580%			
35) Dibromofluoromethane	7.740	113	56185	55.772	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.540%			
50) Toluene-d8	10.197	98	209793	55.136	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 110.280%			
62) 4-Bromofluorobenzene	12.495	95	66470	56.708	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 113.420%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	18966	24.195	ug/l	97
3) Chloromethane	2.125	50	28438	20.449	ug/l	97
4) Vinyl Chloride	2.259	62	35261	22.708	ug/l	98
5) Bromomethane	2.661	94	27239	24.235	ug/l	93
6) Chloroethane	2.808	64	24101	24.365	ug/l	96
7) Trichlorofluoromethane	3.143	101	38688	22.338	ug/l	94
8) Diethyl Ether	3.545	74	11846	21.249	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.923	101	23404	21.625	ug/l	98
10) Methyl Iodide	4.119	142	19014	18.493	ug/l	99
11) Tert butyl alcohol	4.972	59	10402	145.165	ug/l	98
12) 1,1-Dichloroethene	3.893	96	19921	20.108	ug/l	96
13) Acrolein	3.747	56	12087	106.905	ug/l	100
14) Allyl chloride	4.503	41	31551	21.070	ug/l	96
15) Acrylonitrile	5.191	53	29153	120.489	ug/l	98
16) Acetone	3.966	43	41716	149.778	ug/l	95
17) Carbon Disulfide	4.216	76	45993	15.403	ug/l	97
18) Methyl Acetate	4.503	43	22255	23.012	ug/l	99
19) Methyl tert-butyl Ether	5.252	73	56234	23.260	ug/l	97
20) Methylene Chloride	4.740	84	27962	23.448	ug/l	97
21) trans-1,2-Dichloroethene	5.252	96	23640	20.629	ug/l	92
22) Diisopropyl ether	6.143	45	77600	23.477	ug/l	100
23) Vinyl Acetate	6.088	43	186404	116.257	ug/l	98
24) 1,1-Dichloroethane	6.045	63	45392	22.515	ug/l	98
25) 2-Butanone	7.008	43	50555	135.773	ug/l	98
26) 2,2-Dichloropropane	7.008	77	37935	22.030	ug/l	98
27) cis-1,2-Dichloroethene	7.008	96	27637	21.763	ug/l	96
28) Bromochloromethane	7.356	49	18126	22.583	ug/l	98
29) Tetrahydrofuran	7.374	42	23576	123.328	ug/l	98
30) Chloroform	7.526	83	47963	23.363	ug/l	99
31) Cyclohexane	7.807	56	34885	18.901	ug/l	96
32) 1,1,1-Trichloroethane	7.728	97	39688	22.545	ug/l	99
36) 1,1-Dichloropropene	7.941	75	33719	20.343	ug/l	99
37) Ethyl Acetate	7.100	43	18146	25.461	ug/l	99
38) Carbon Tetrachloride	7.929	117	34154	21.027	ug/l	97
39) Methylcyclohexane	9.203	83	36260	18.188	ug/l	98
40) Benzene	8.185	78	102020	21.194	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.337	41	9877m	25.912	ug/l	
42) 1,2-Dichloroethane	8.258	62	28600	22.918	ug/l	98
43) Isopropyl Acetate	8.295	43	30729	23.096	ug/l	99
44) Trichloroethene	8.959	130	26203	21.224	ug/l	97
45) 1,2-Dichloropropane	9.233	63	26774	22.661	ug/l	99
46) Dibromomethane	9.325	93	14055	22.400	ug/l	97
47) Bromodichloromethane	9.514	83	36780	23.041	ug/l	96
48) Methyl methacrylate	9.307	41	16386	22.181	ug/l	92
49) 1,4-Dioxane	9.313	88	3059	495.696	ug/l	96
51) 4-Methyl-2-Pentanone	10.087	43	85859	121.311	ug/l	99
52) Toluene	10.264	92	63091	21.655	ug/l	99
53) t-1,3-Dichloropropene	10.483	75	31959	21.916	ug/l	100
54) cis-1,3-Dichloropropene	9.947	75	39310	21.918	ug/l	97
55) 1,1,2-Trichloroethane	10.660	97	20248	23.089	ug/l	96
56) Ethyl methacrylate	10.526	69	17406	22.697	ug/l	97
57) 1,3-Dichloropropane	10.806	76	33939	22.891	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.800	63	65632	123.292	ug/l	98
59) 2-Hexanone	10.849	43	70224	130.055	ug/l	99
60) Dibromochloromethane	11.001	129	23586	23.150	ug/l	97
61) 1,2-Dibromoethane	11.105	107	17906	22.476	ug/l	99
64) Tetrachloroethene	10.739	164	20793	20.658	ug/l	96
65) Chlorobenzene	11.532	112	66411	21.702	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.605	131	24839	22.222	ug/l	100
67) Ethyl Benzene	11.611	91	117887	21.191	ug/l	100
68) m/p-Xylenes	11.715	106	91129	43.600	ug/l	97
69) o-Xylene	12.044	106	40692	21.433	ug/l	98
70) Styrene	12.056	104	61347	22.257	ug/l	100
71) Bromoform	12.221	173	12525	22.347	ug/l #	97
73) Isopropylbenzene	12.343	105	113365	20.955	ug/l	99
74) N-amyl acetate	12.154	43	24809	22.751	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.599	83	23472	22.753	ug/l	98
76) 1,2,3-Trichloropropane	12.641	75	17168m	21.493	ug/l	
77) Bromobenzene	12.623	156	24897	21.268	ug/l	99
78) n-propylbenzene	12.684	91	140229	21.550	ug/l	100
79) 2-Chlorotoluene	12.769	91	77170	21.612	ug/l	100
80) 1,3,5-Trimethylbenzene	12.824	105	91902	21.464	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.391	75	6423	20.817	ug/l	96
82) 4-Chlorotoluene	12.867	91	79759	21.552	ug/l	100
83) tert-Butylbenzene	13.086	119	78929	21.312	ug/l	98
84) 1,2,4-Trimethylbenzene	13.135	105	90590	21.287	ug/l	99
85) sec-Butylbenzene	13.263	105	117700	21.463	ug/l	100
86) p-Isopropyltoluene	13.379	119	96540	21.134	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	48711	21.076	ug/l	99
88) 1,4-Dichlorobenzene	13.458	146	48414	21.290	ug/l	98
89) n-Butylbenzene	13.708	91	93841	21.298	ug/l	98
90) Hexachloroethane	13.970	117	20896	21.947	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	43300	21.938	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3064	23.255	ug/l	94
93) 1,2,4-Trichlorobenzene	15.019	180	21363	20.712	ug/l	97
94) Hexachlorobutadiene	15.123	225	12899	20.780	ug/l	98
95) Naphthalene	15.245	128	37823	20.763	ug/l	98
96) 1,2,3-Trichlorobenzene	15.434	180	18199	21.209	ug/l	98

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

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

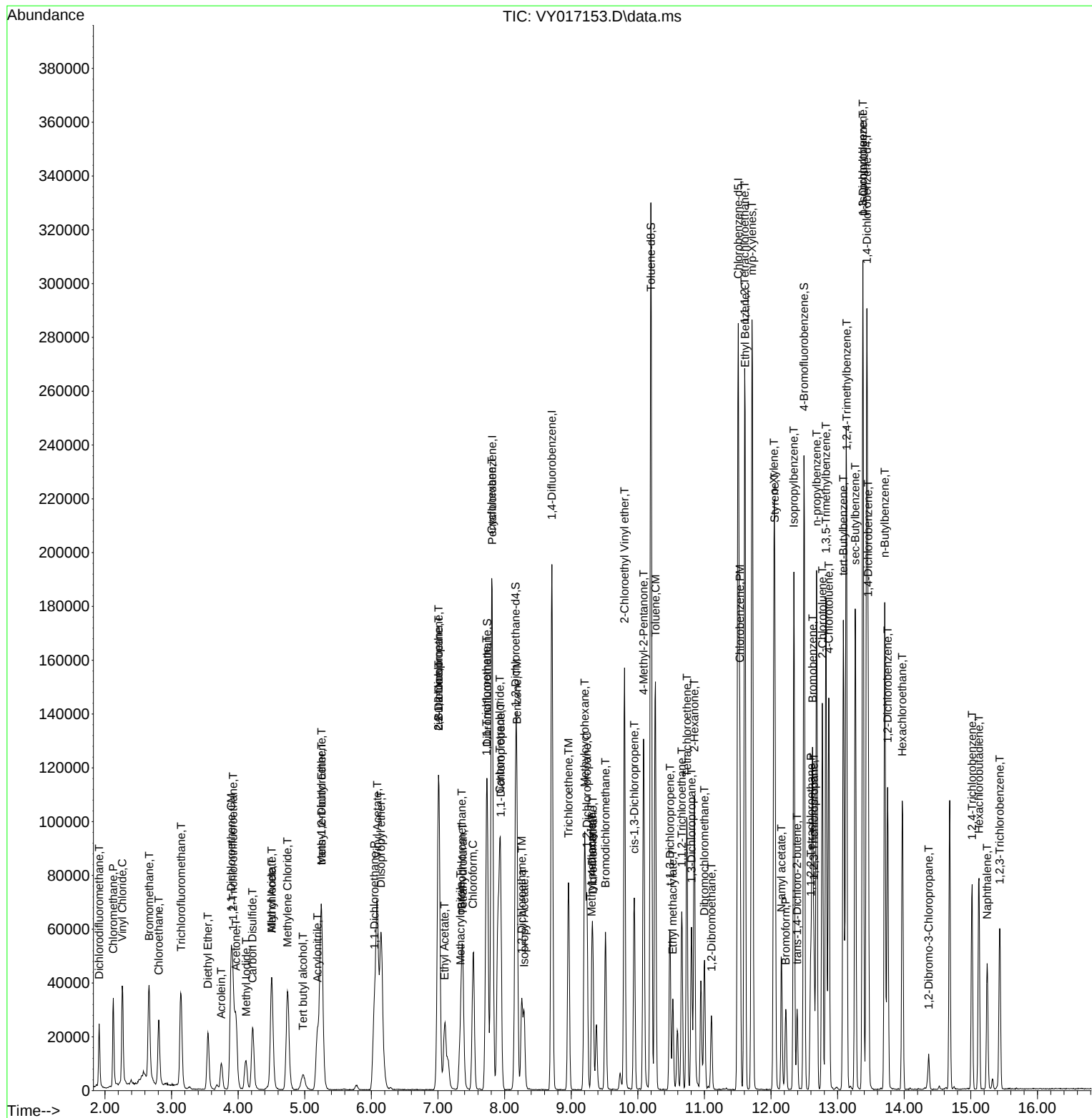
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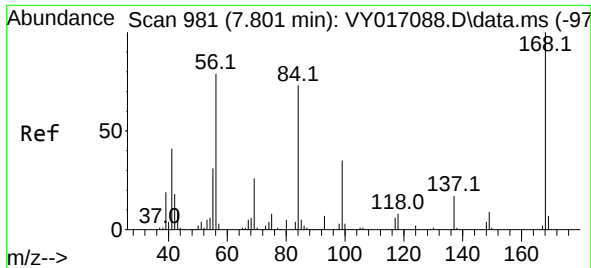
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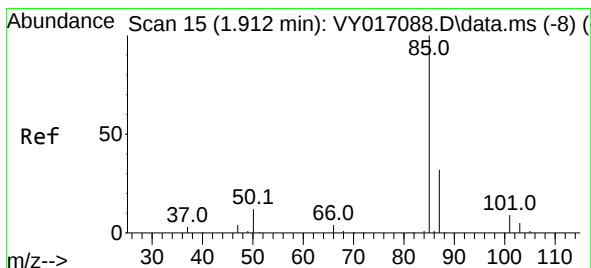
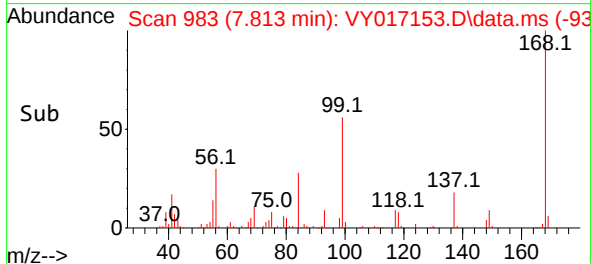
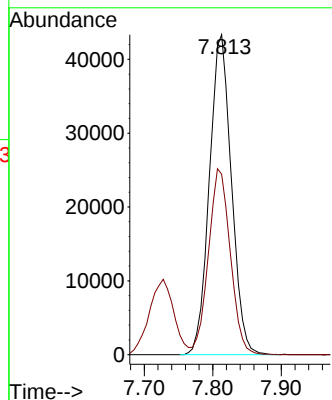
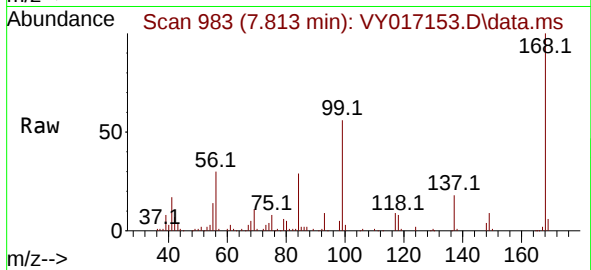
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 981
Delta R.T. 0.012 min
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Tgt Ion:168 Resp: 96760
Ion Ratio Lower Upper
168 100
99 56.4 44.2 66.4

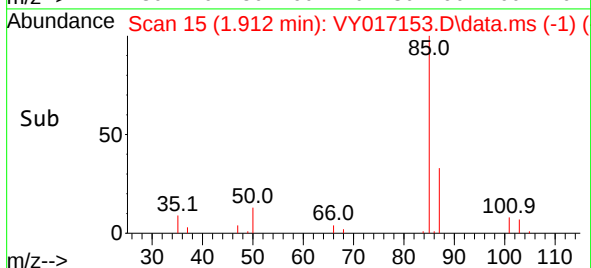
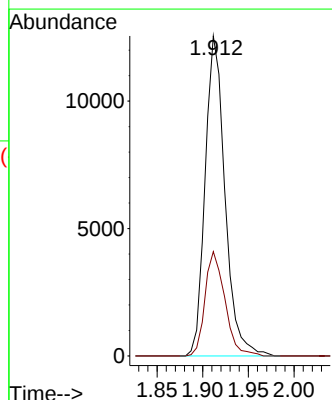
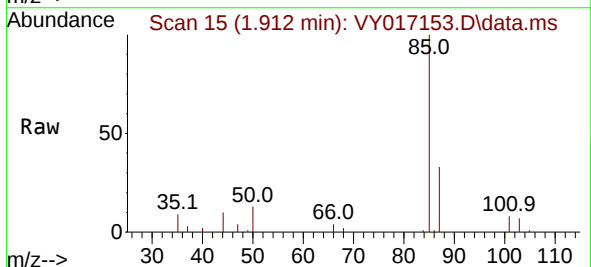
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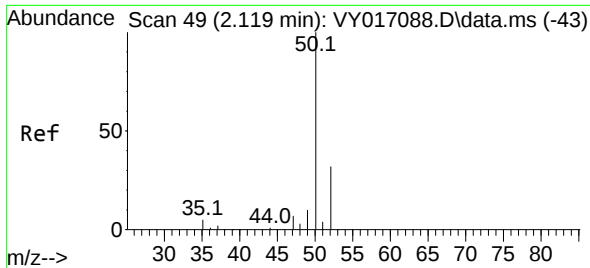
Reviewed By :Mahesh Dadoda 02/01/2024
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#2
Dichlorodifluoromethane
Concen: 24.195 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

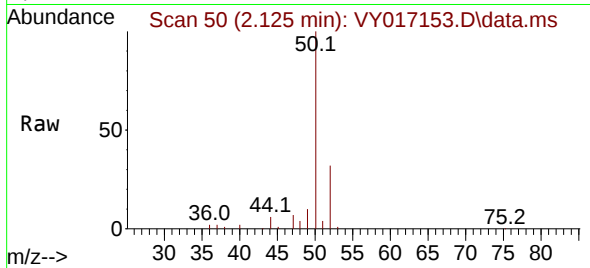
Tgt Ion: 85 Resp: 18966
Ion Ratio Lower Upper
85 100
87 32.6 17.1 51.3





#3
Chloromethane
Concen: 20.449 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

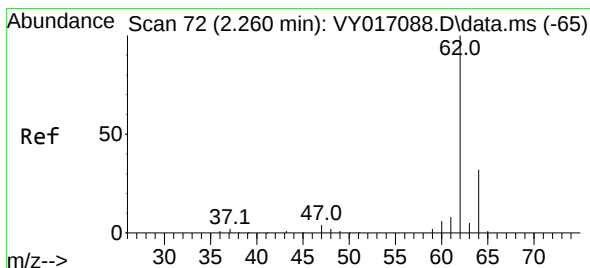
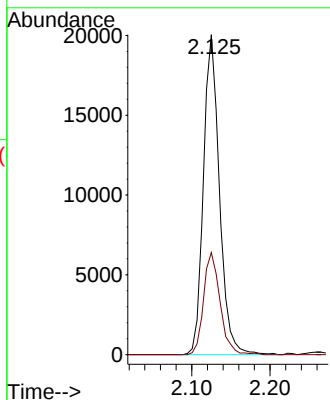
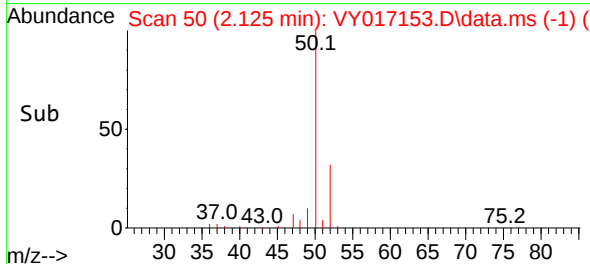
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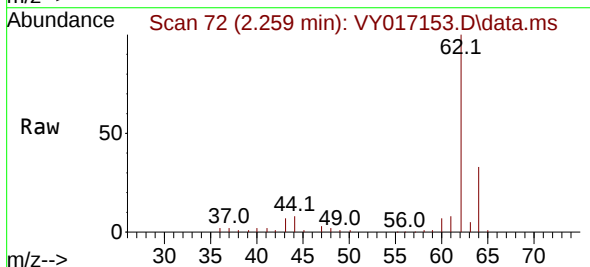
Tgt Ion: 50 Resp: 28438
Ion Ratio Lower Upper
50 100
52 31.9 26.7 40.1

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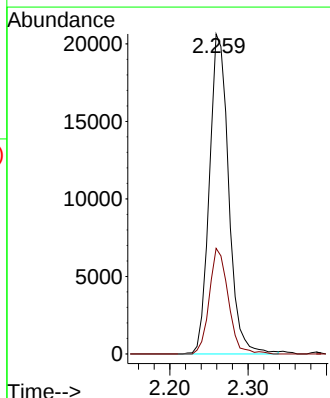
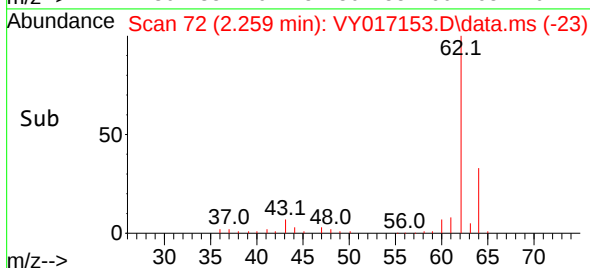
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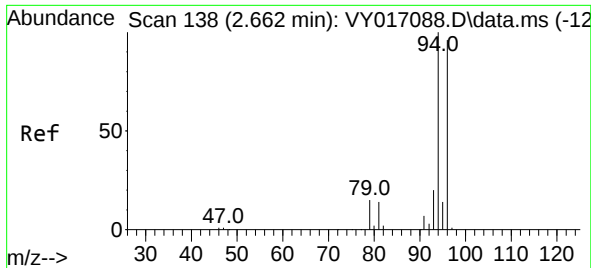


#4
Vinyl Chloride
Concen: 22.708 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY017153.D
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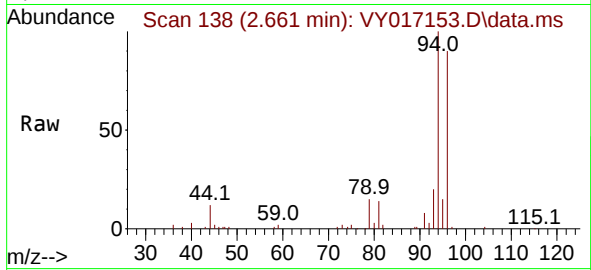
Tgt Ion: 62 Resp: 35261
Ion Ratio Lower Upper
62 100
64 33.0 25.7 38.5





#5
Bromomethane
Concen: 24.235 ug/l
RT: 2.661 min Scan# 138
Delta R.T. -0.001 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

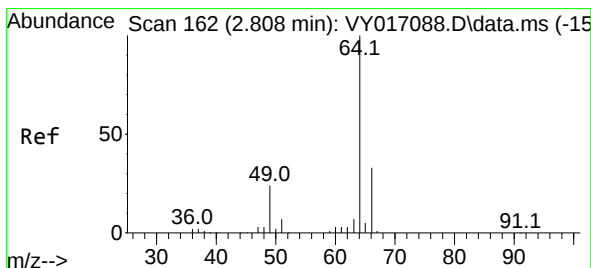
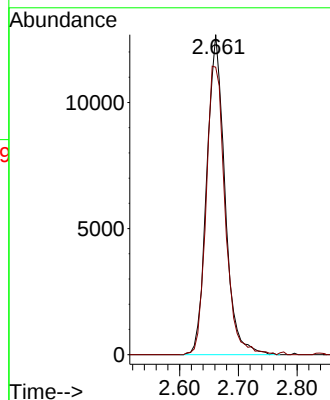
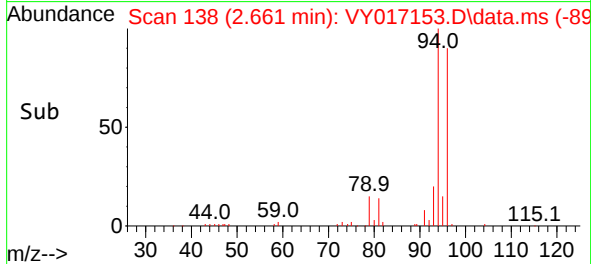
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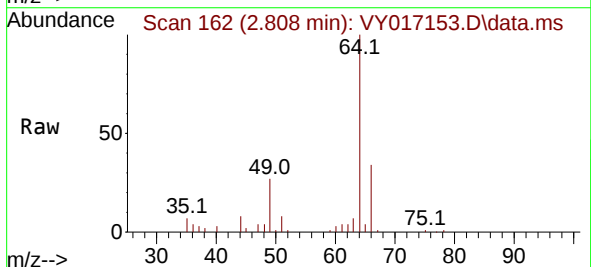
Tgt Ion: 94 Resp: 27239
Ion Ratio Lower Upper
94 100
96 89.9 77.3 115.9

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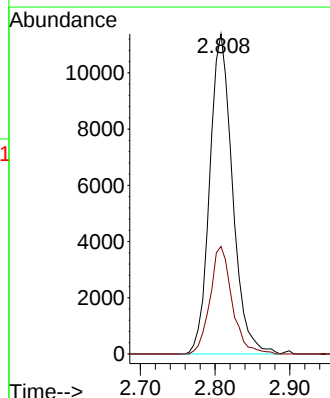
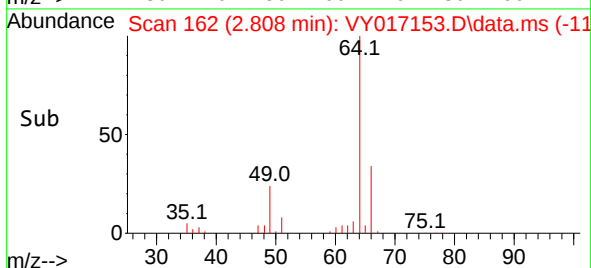
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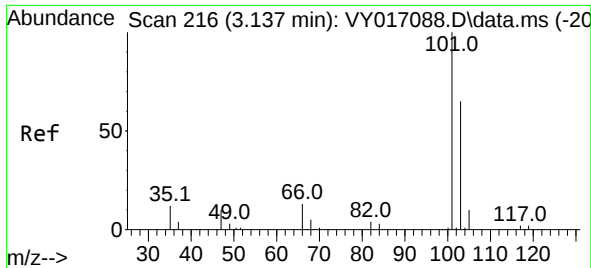


#6
Chloroethane
Concen: 24.365 ug/l
RT: 2.808 min Scan# 162
Delta R.T. -0.000 min
Lab File: VY017153.D
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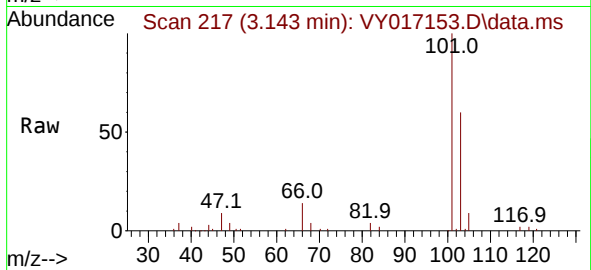
Tgt Ion: 64 Resp: 24101
Ion Ratio Lower Upper
64 100
66 33.6 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 22.338 ug/l
 RT: 3.143 min Scan# 216
 Delta R.T. 0.006 min
 Lab File: VY017153.D
 Acq: 31 Jan 2024 11:58

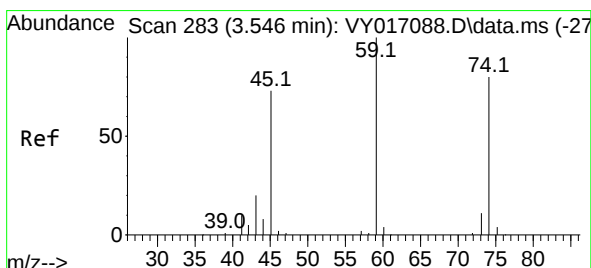
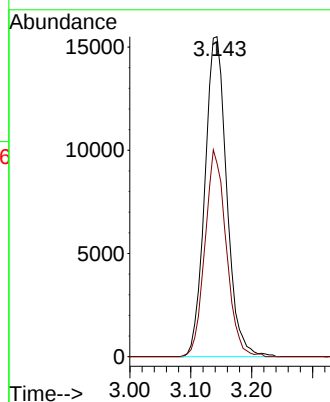
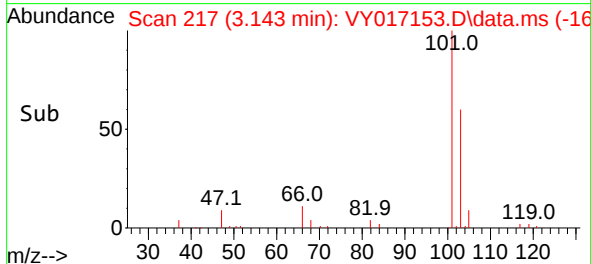
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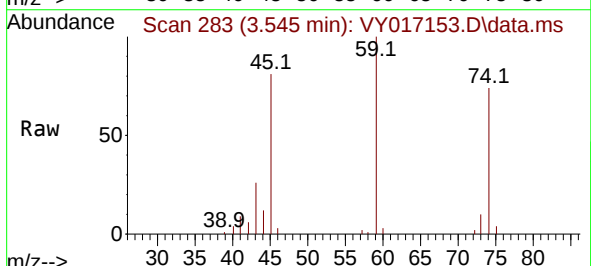
Tgt Ion:101 Resp: 3868
 Ion Ratio Lower Upper
 101 100
 103 60.4 51.9 77.9

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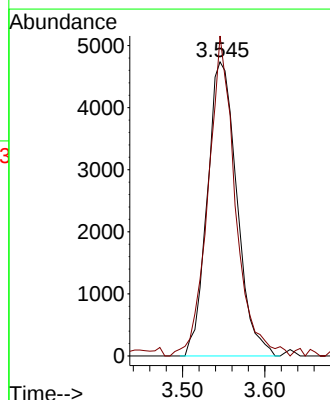
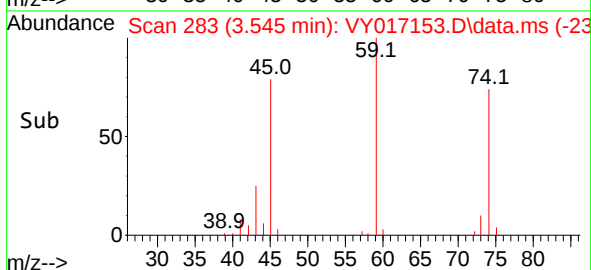
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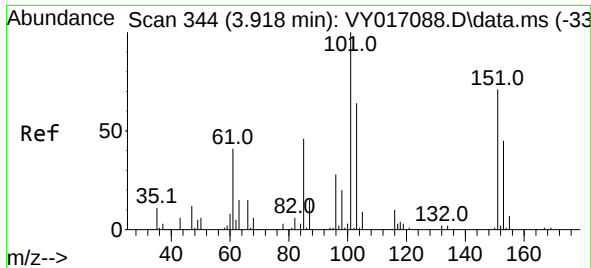


#8
 Diethyl Ether
 Concen: 21.249 ug/l
 RT: 3.545 min Scan# 283
 Delta R.T. 0.005 min
 Lab File: VY017153.D
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Tgt Ion: 74 Resp: 11846
 Ion Ratio Lower Upper
 74 100
 45 99.8 47.9 143.7





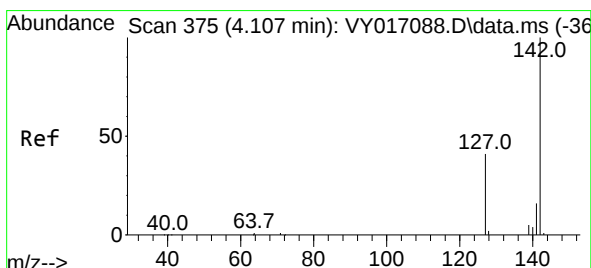
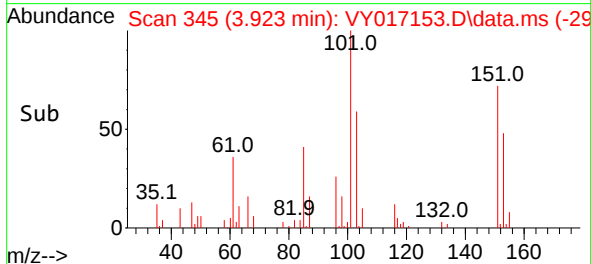
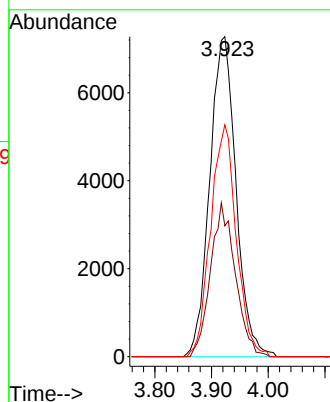
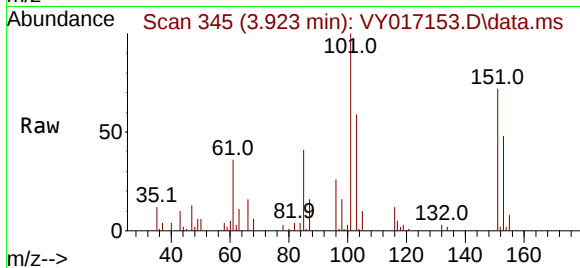
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.625 ug/l
RT: 3.923 min Scan# 344
Delta R.T. 0.012 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

Tgt Ion:101 Resp: 2340
Ion Ratio Lower Upper
101 100
85 45.5 35.8 53.6
151 70.7 58.6 88.0

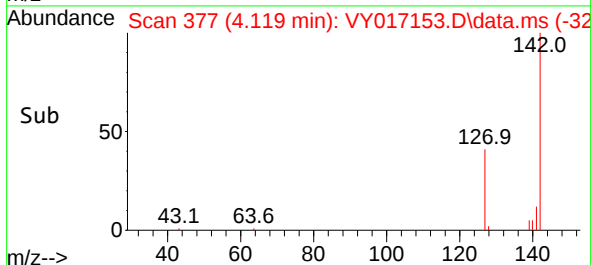
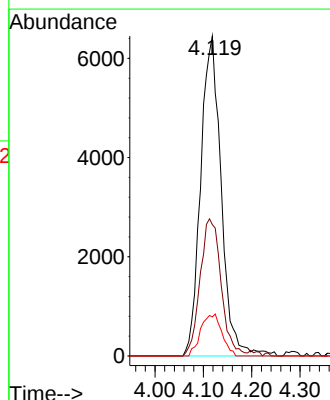
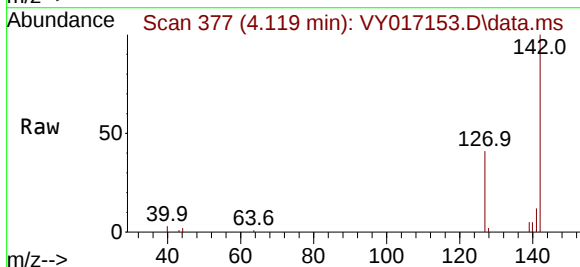
Manual Integrations
APPROVED

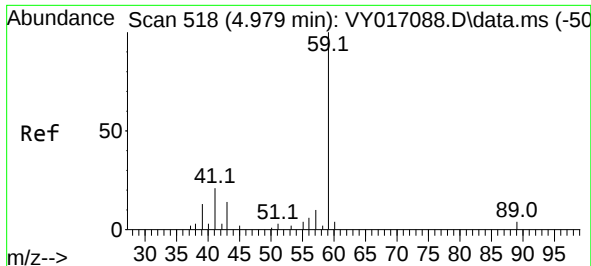
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#10
Methyl Iodide
Concen: 18.493 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.013 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

Tgt Ion:142 Resp: 19014
Ion Ratio Lower Upper
142 100
127 43.8 35.1 52.7
141 13.4 11.8 17.6





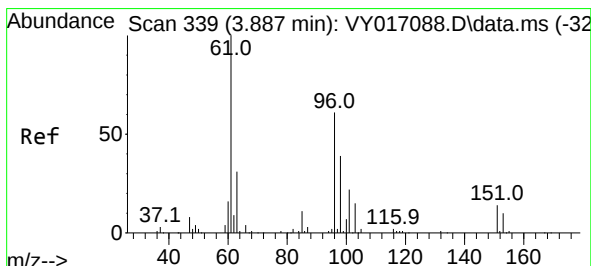
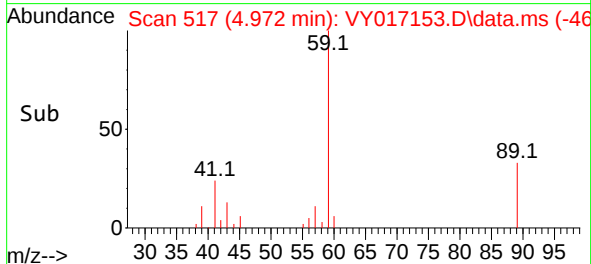
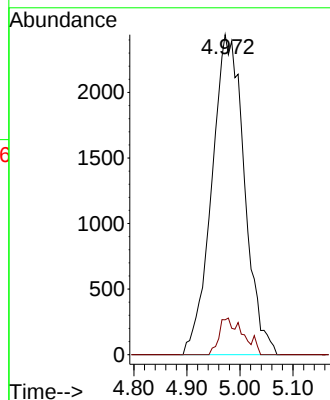
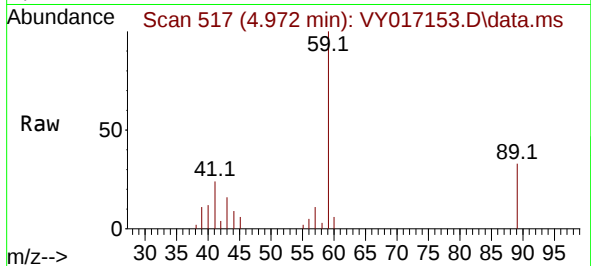
#11
Tert butyl alcohol
Concen: 145.165 ug/l
RT: 4.972 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01

Tgt Ion: 59 Resp: 1040
Ion Ratio Lower Upper
59 100
57 8.4 7.4 11.0

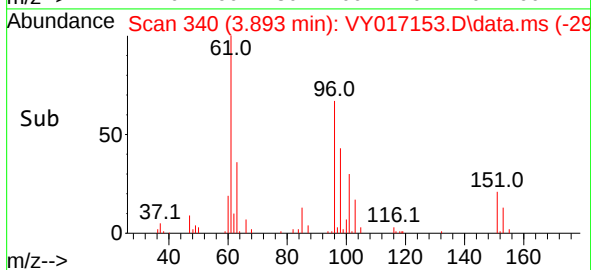
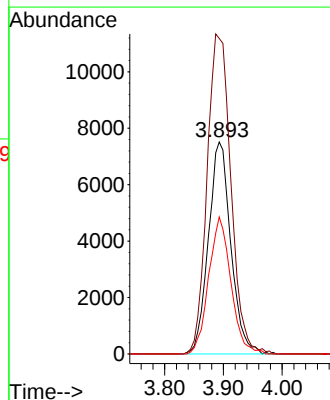
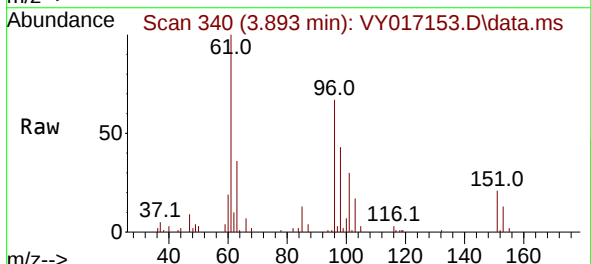
Manual Integrations
APPROVED

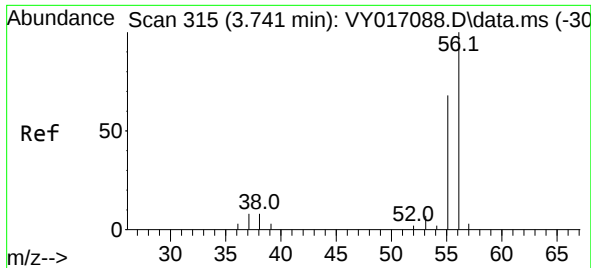
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#12
1,1-Dichloroethene
Concen: 20.108 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

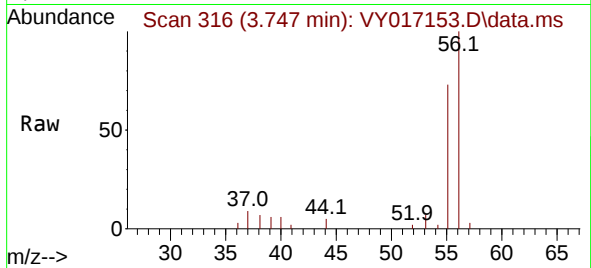
Tgt Ion: 96 Resp: 19921
Ion Ratio Lower Upper
96 100
61 148.9 124.2 186.2
98 64.6 52.6 79.0





#13
Acrolein
Concen: 106.905 ug/l
RT: 3.747 min Scan# 315
Delta R.T. 0.006 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

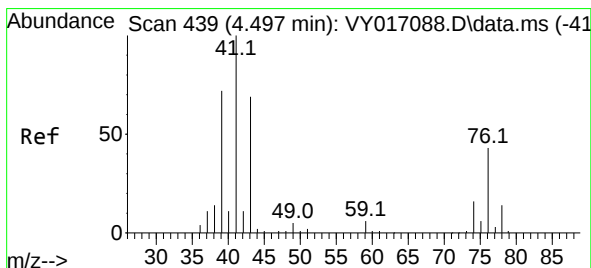
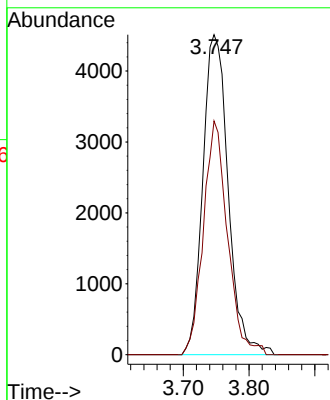
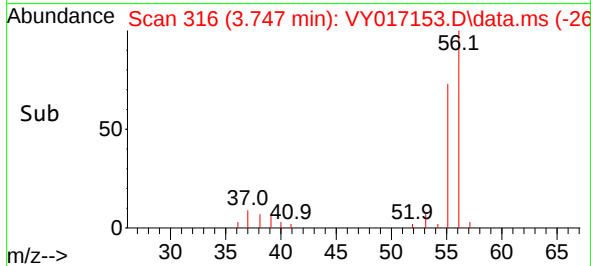
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01



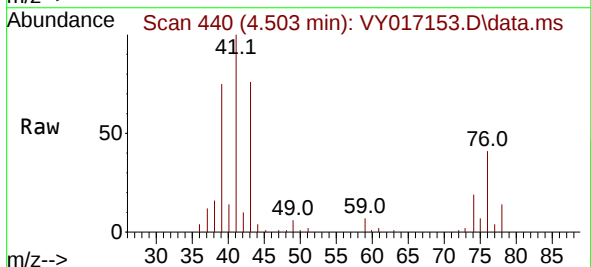
Tgt Ion: 56 Resp: 1208
Ion Ratio Lower Upper
56 100
55 69.6 55.4 83.0

Manual Integrations
APPROVED

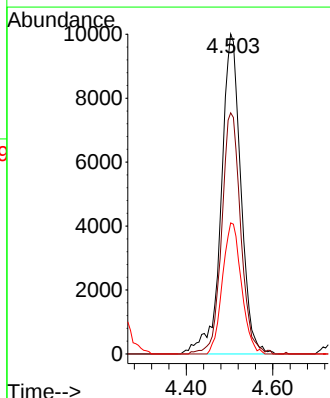
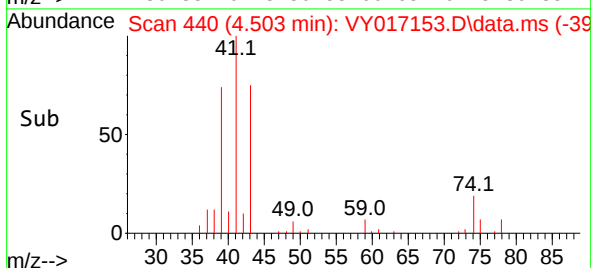
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024

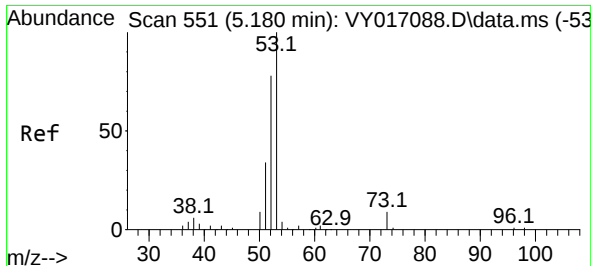


#14
Allyl chloride
Concen: 21.070 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58



Tgt Ion: 41 Resp: 31551
Ion Ratio Lower Upper
41 100
39 73.2 54.7 82.1
76 39.7 31.8 47.6





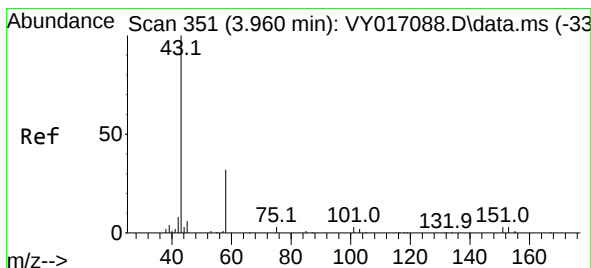
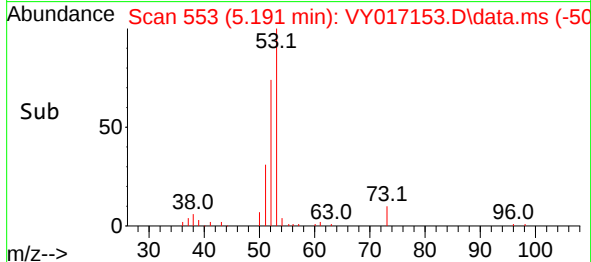
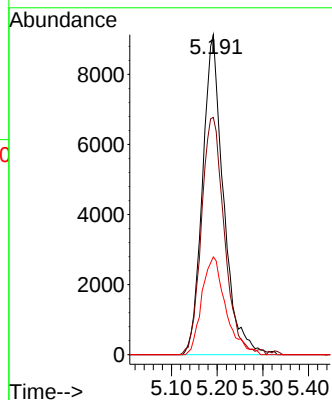
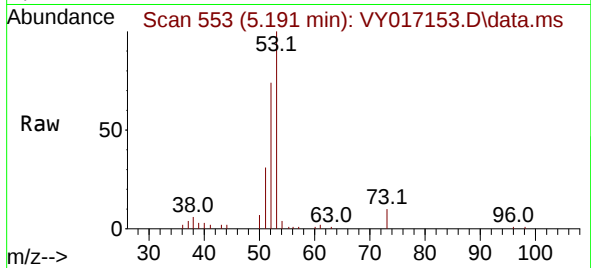
#15
Acrylonitrile
Concen: 120.489 ug/l
RT: 5.191 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01

Tgt Ion:	53	Resp:	2915
Ion	Ratio	Lower	Upper
53	100		
52	80.5	65.1	97.7
51	34.7	29.0	43.4

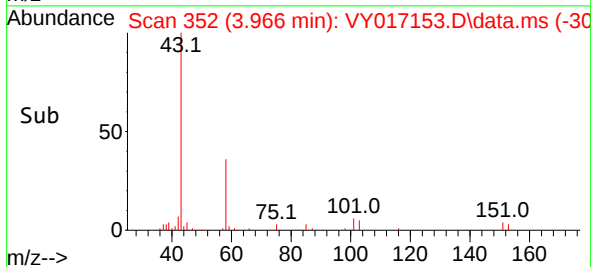
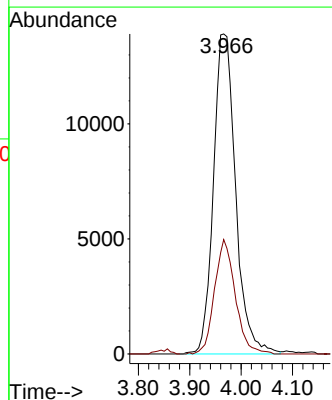
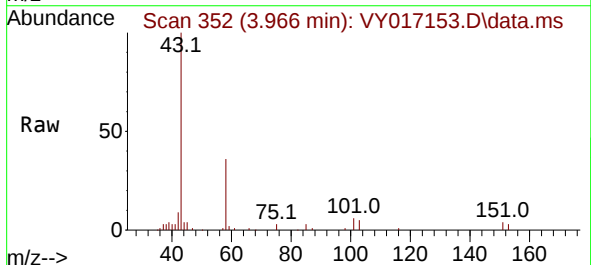
Manual Integrations
APPROVED

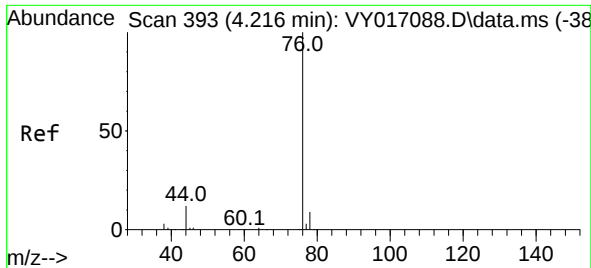
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#16
Acetone
Concen: 149.778 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

Tgt Ion:	43	Resp:	41716
Ion	Ratio	Lower	Upper
43	100		
58	35.8	26.6	39.8





#17

Carbon Disulfide

Concen: 15.403 ug/l

RT: 4.216 min Scan# 393

Delta R.T. 0.006 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

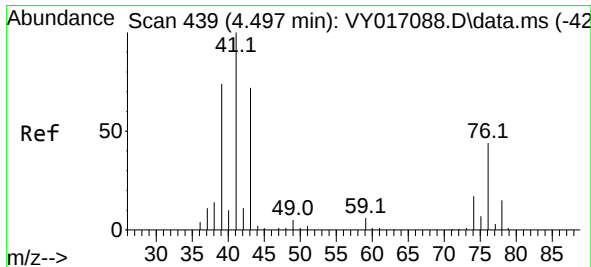
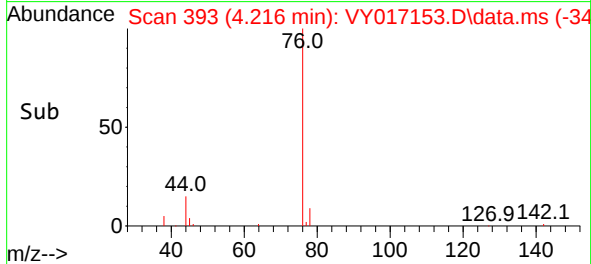
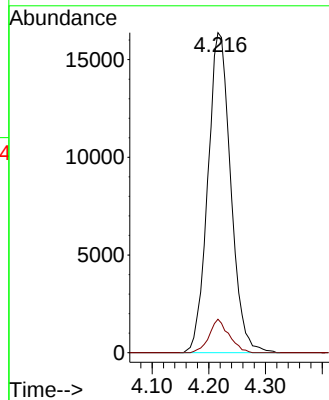
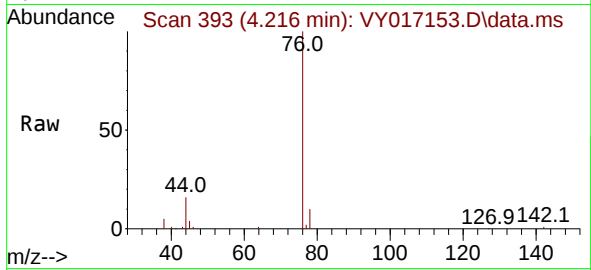
VY0131SBSD01

Tgt Ion: 76 Resp: 4599
Ion Ratio Lower Upper
76 100
78 10.5 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#18

Methyl Acetate

Concen: 23.012 ug/l

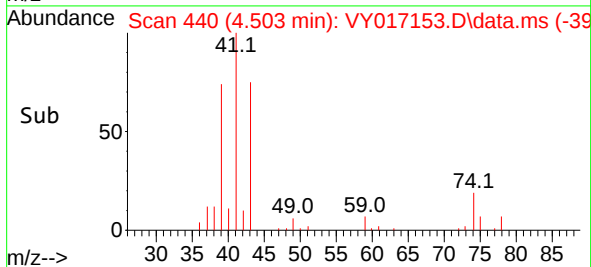
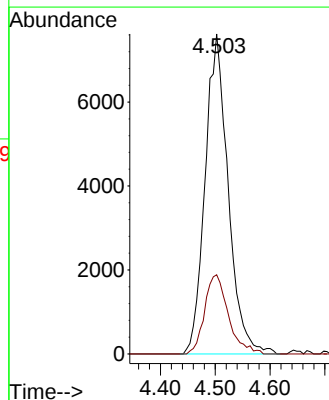
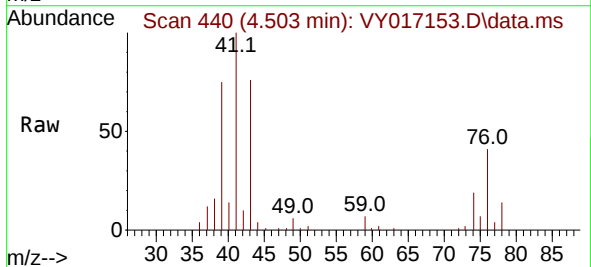
RT: 4.503 min Scan# 440

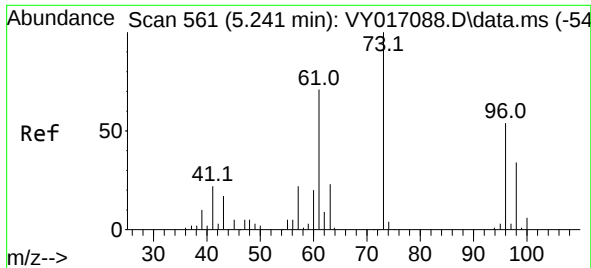
Delta R.T. 0.006 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Tgt Ion: 43 Resp: 22255
Ion Ratio Lower Upper
43 100
74 25.4 19.8 29.6





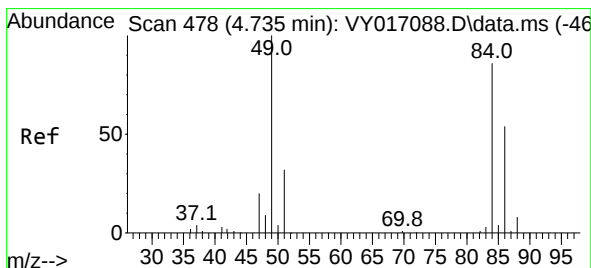
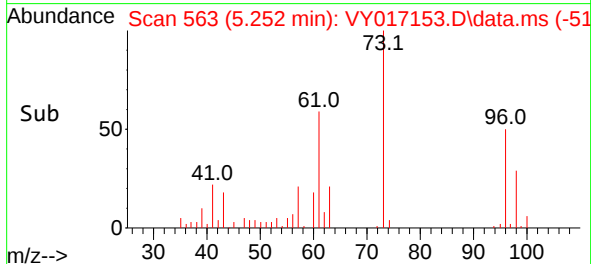
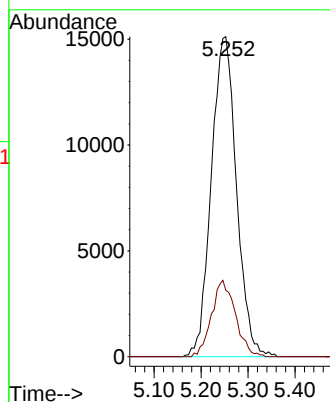
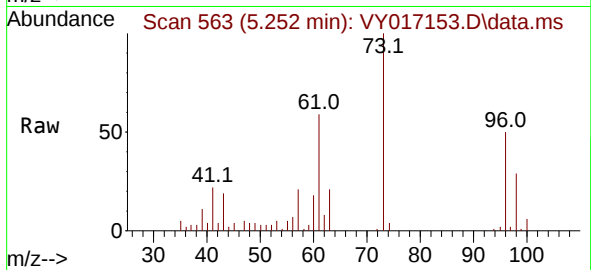
#19
Methyl tert-butyl Ether
Concen: 23.260 ug/l
RT: 5.252 min Scan# 50
Delta R.T. 0.018 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01

Tgt Ion: 73 Resp: 56234
Ion Ratio Lower Upper
73 100
57 20.7 17.7 26.5

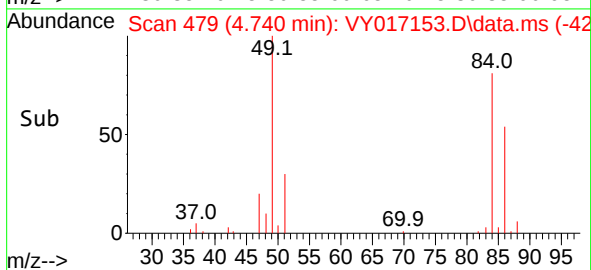
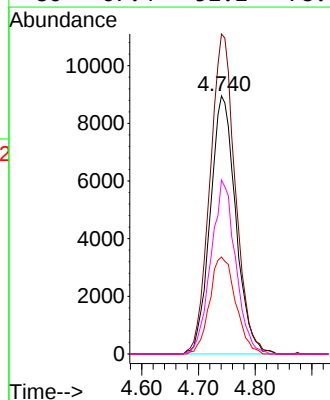
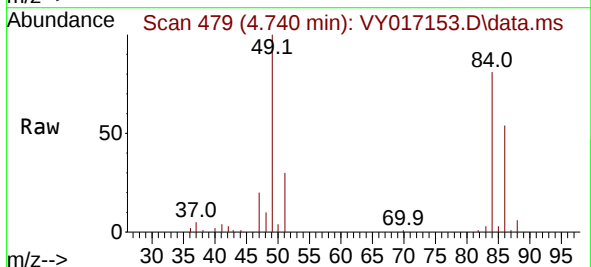
Manual Integrations
APPROVED

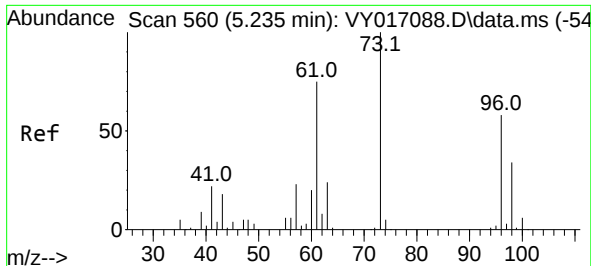
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#20
Methylene Chloride
Concen: 23.448 ug/l
RT: 4.740 min Scan# 479
Delta R.T. 0.006 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

Tgt Ion: 84 Resp: 27962
Ion Ratio Lower Upper
84 100
49 124.0 95.2 142.8
51 37.6 29.9 44.9
86 67.4 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 20.629 ug/l

RT: 5.252 min Scan# 50

Delta R.T. 0.012 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBSD01

Tgt Ion: 96 Resp: 23640

Ion Ratio Lower Upper

96 100

61 119.8 104.6 156.8

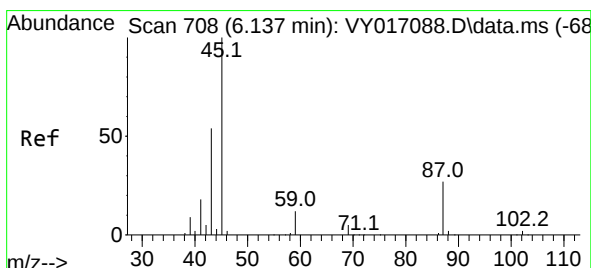
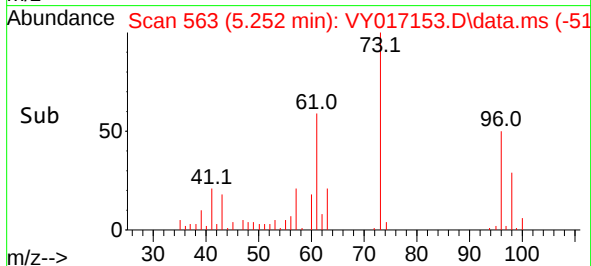
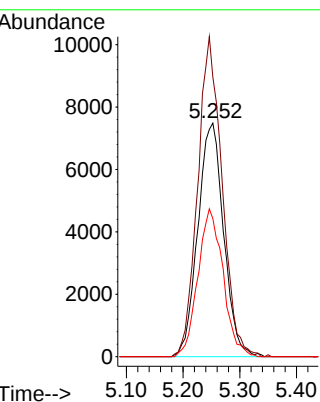
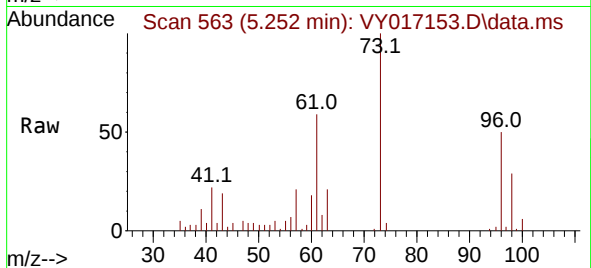
98 59.1 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024

Supervised By :Semsettin Yesilyurt 02/01/2024



#22

Diisopropyl ether

Concen: 23.477 ug/l

RT: 6.143 min Scan# 709

Delta R.T. 0.012 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Tgt Ion: 45 Resp: 77600

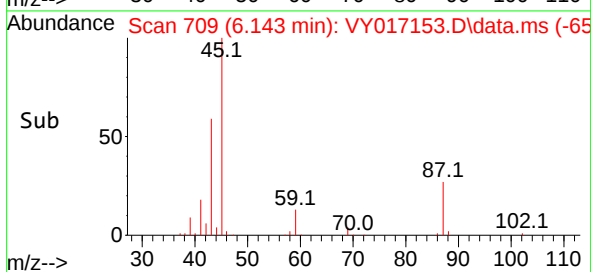
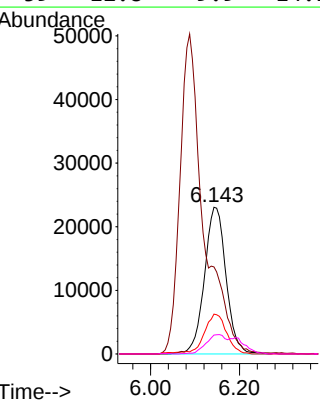
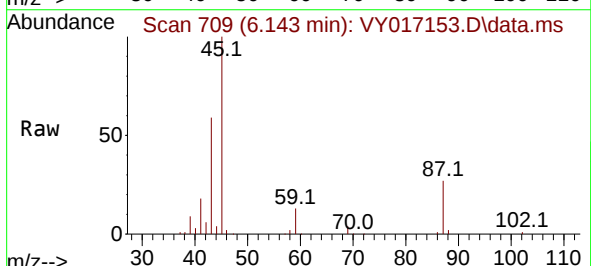
Ion Ratio Lower Upper

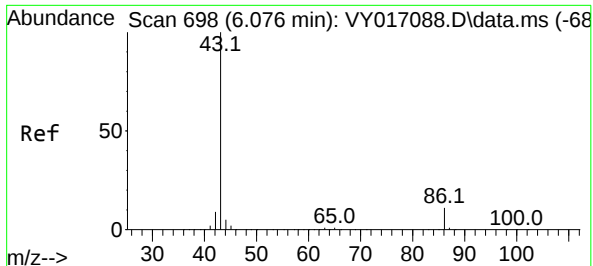
45 100

43 58.6 46.8 70.2

87 27.2 22.2 33.2

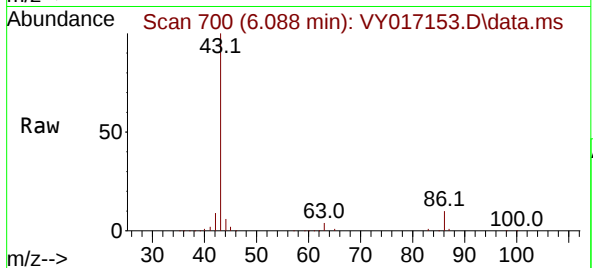
59 12.8 9.9 14.9





#23
 Vinyl Acetate
 Concen: 116.257 ug/l
 RT: 6.088 min Scan# 700
 Delta R.T. 0.012 min
 Lab File: VY017153.D
 Acq: 31 Jan 2024 11:58

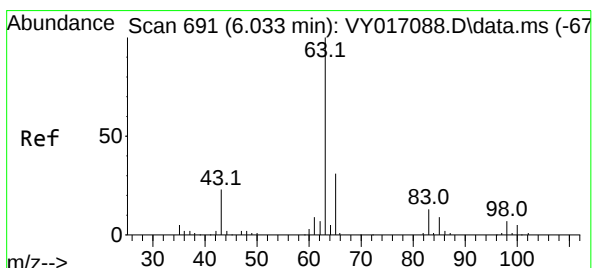
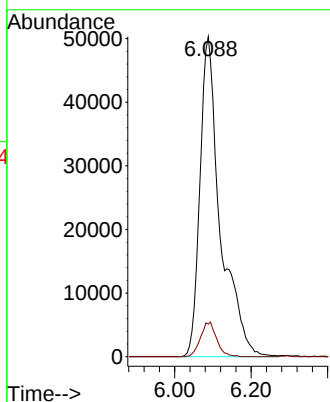
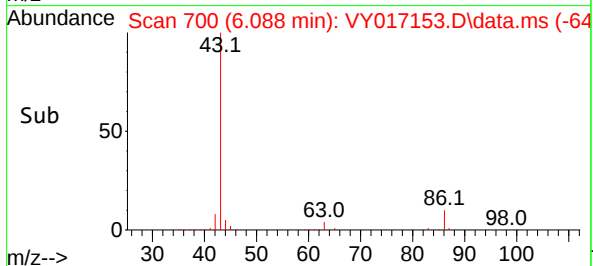
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBSD01



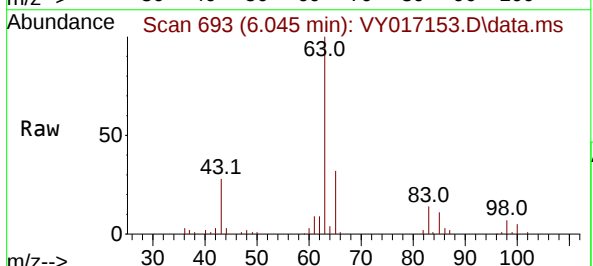
Tgt Ion: 43 Resp: 186404
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.6 13.0

Manual Integrations
 APPROVED

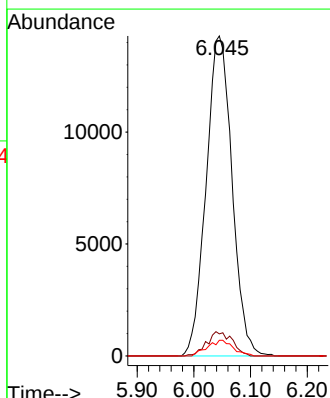
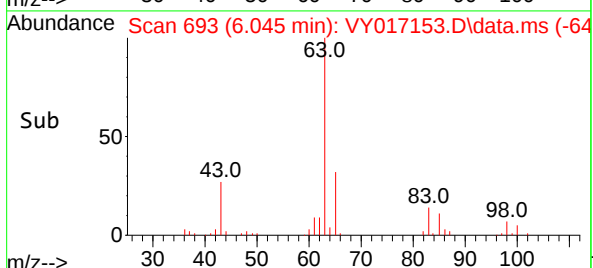
Reviewed By :Mahesh Dadoda 02/01/2024
 Supervised By :Semsettin Yesilyurt 02/01/2024

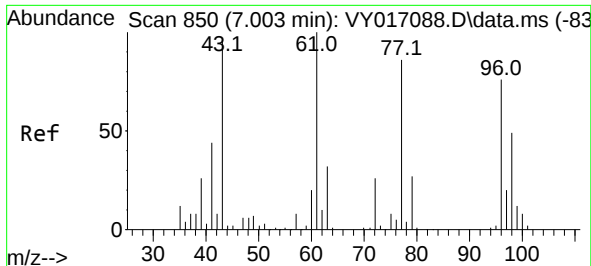


#24
 1,1-Dichloroethane
 Concen: 22.515 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.012 min
 Lab File: VY017153.D
 Acq: 31 Jan 2024 11:58



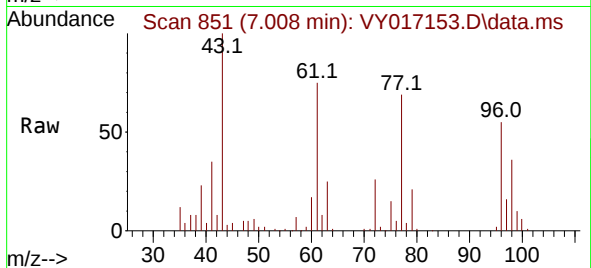
Tgt Ion: 63 Resp: 45392
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.4
 100 4.9 2.1 6.2





#25
2-Butanone
Concen: 135.773 ug/l
RT: 7.008 min Scan# 851
Delta R.T. 0.012 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

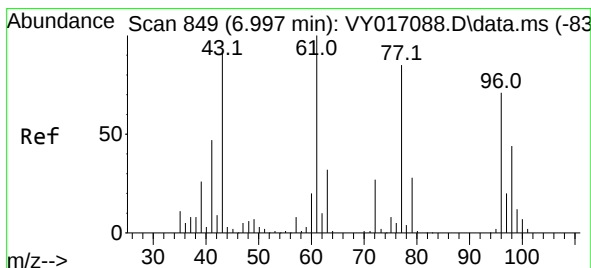
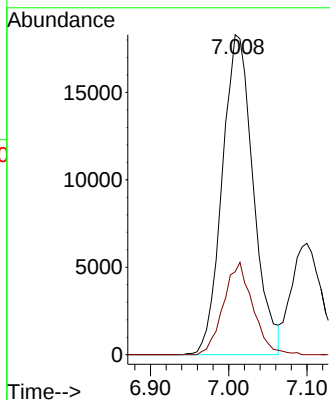
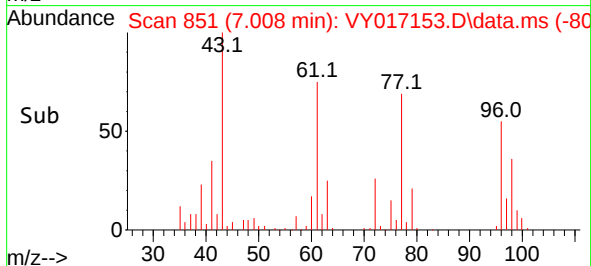
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01



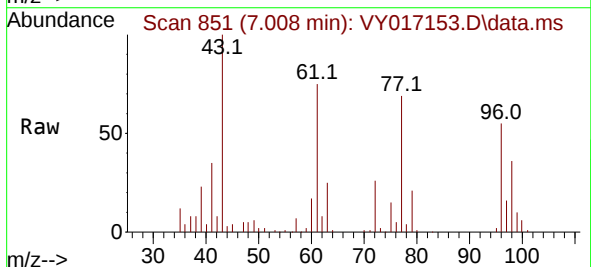
Tgt Ion: 43 Resp: 5055
Ion Ratio Lower Upper
43 100
72 25.9 21.4 32.2

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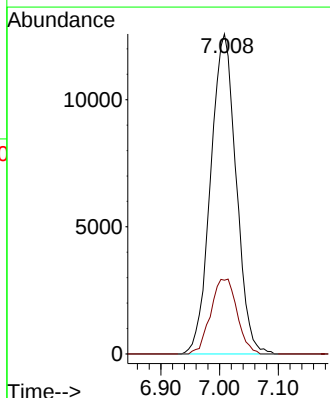
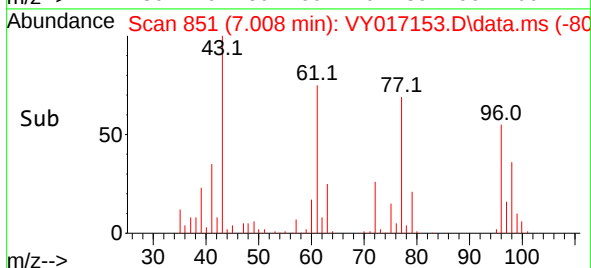
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024

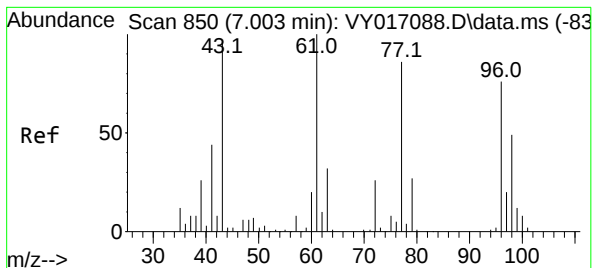


#26
2,2-Dichloropropane
Concen: 22.030 ug/l
RT: 7.008 min Scan# 851
Delta R.T. 0.012 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58



Tgt Ion: 77 Resp: 37935
Ion Ratio Lower Upper
77 100
97 24.2 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 21.763 ug/l

RT: 7.008 min Scan# 851

Delta R.T. 0.006 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBSD01

Tgt Ion: 96 Resp: 2763

Ion Ratio Lower Upper

96 100

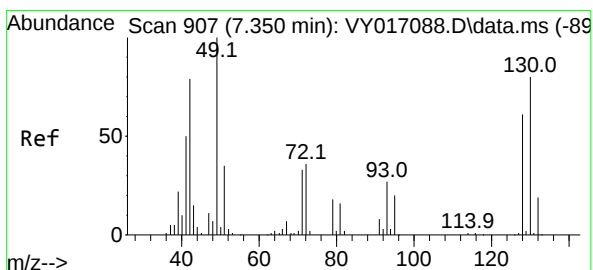
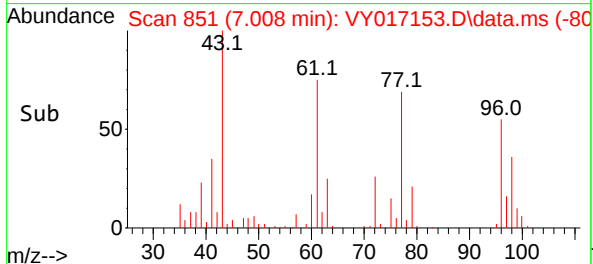
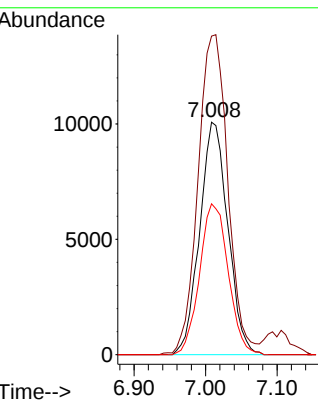
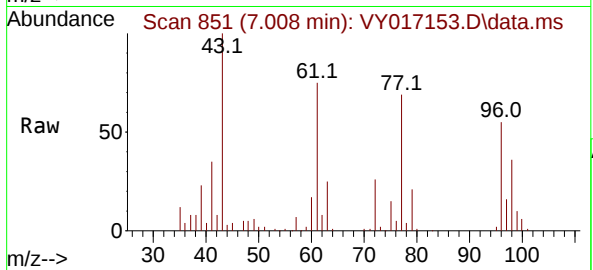
61 145.7 0.0 278.8

98 65.8 0.0 127.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#28

Bromochloromethane

Concen: 22.583 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

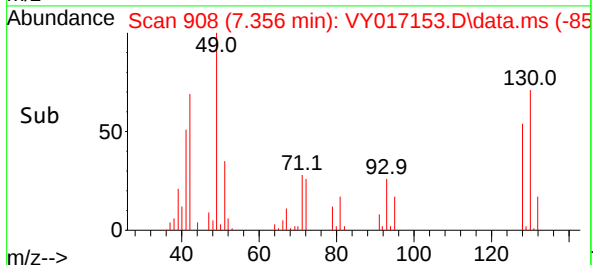
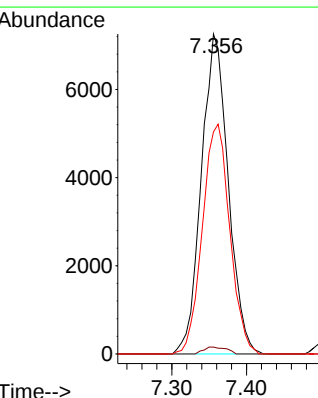
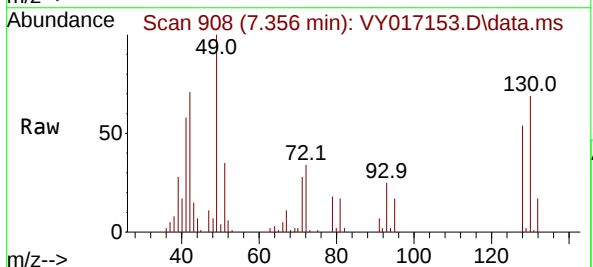
Tgt Ion: 49 Resp: 18126

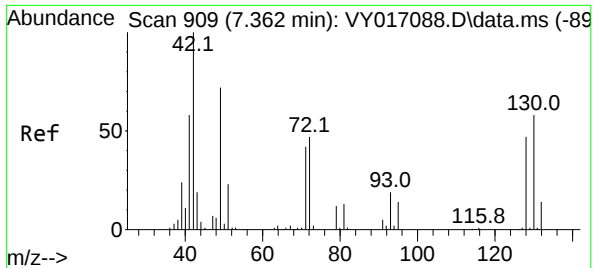
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 73.3 59.8 89.8





#29

Tetrahydrofuran

Concen: 123.328 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

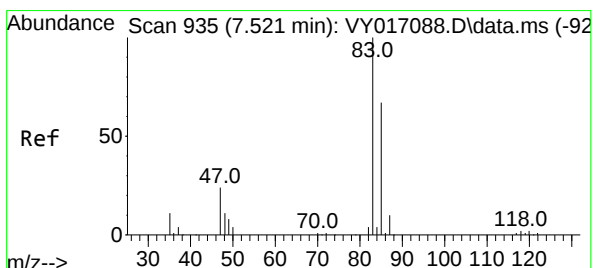
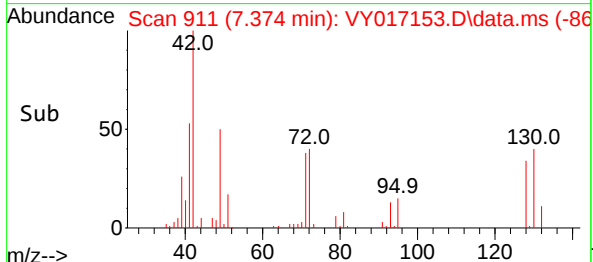
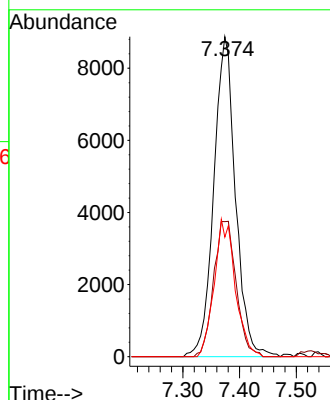
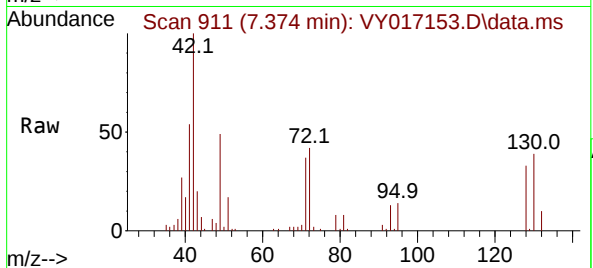
VY0131SBSD01

Tgt Ion: 42	Resp: 23570
Ion Ratio	Lower Upper
42 100	
72 44.0	36.6 54.8
71 41.7	33.8 50.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#30

Chloroform

Concen: 23.363 ug/l

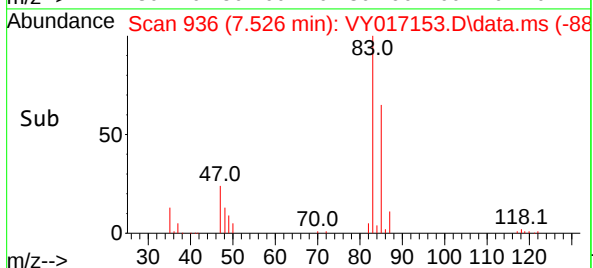
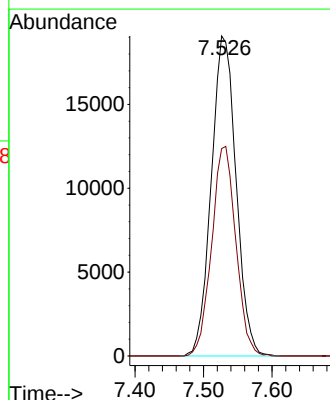
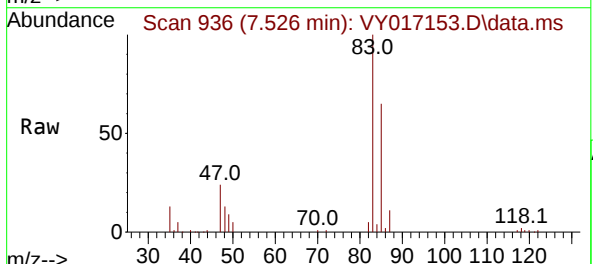
RT: 7.526 min Scan# 936

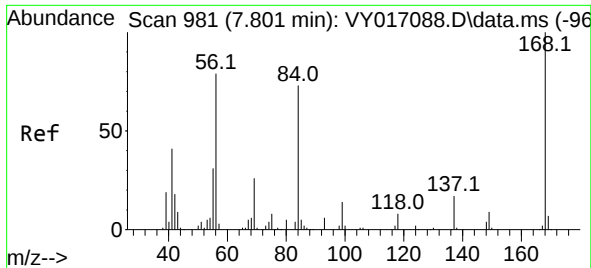
Delta R.T. 0.005 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Tgt Ion: 83	Resp: 47963
Ion Ratio	Lower Upper
83 100	
85 64.8	51.2 76.8





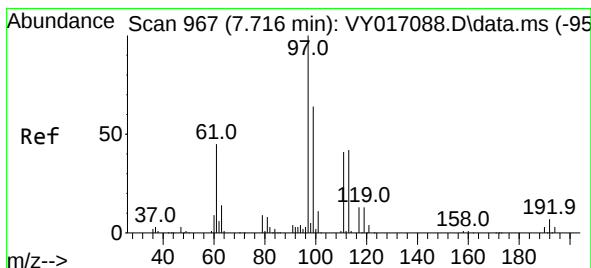
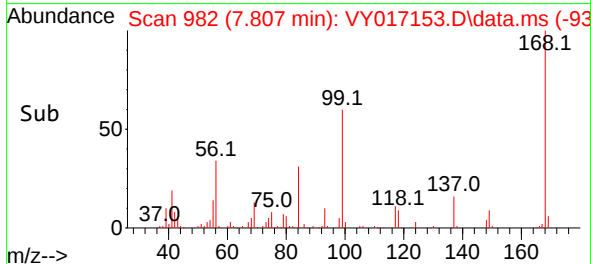
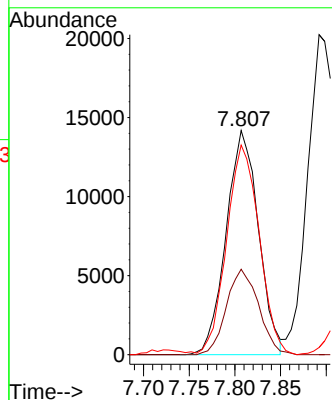
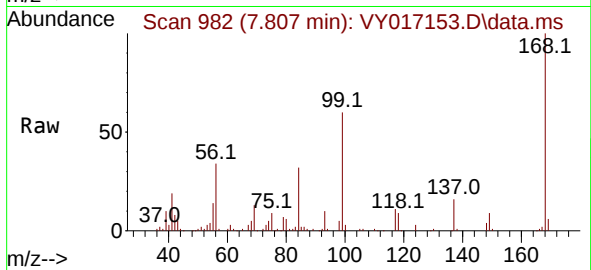
#31
Cyclohexane
Concen: 18.901 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01

Tgt Ion: 56 Resp: 3488
Ion Ratio Lower Upper
56 100
69 38.1 27.0 40.6
84 92.1 71.8 107.6

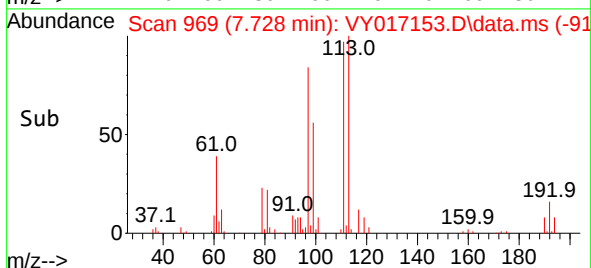
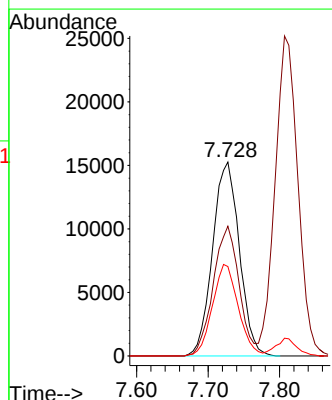
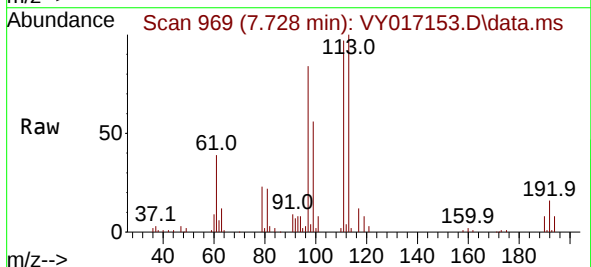
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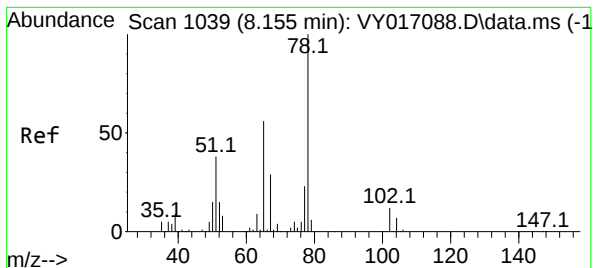
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#32
1,1,1-Trichloroethane
Concen: 22.545 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

Tgt Ion: 97 Resp: 39688
Ion Ratio Lower Upper
97 100
99 64.2 51.2 76.8
61 45.5 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 58.293 ug/l

RT: 8.167 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBS01

Tgt Ion: 65 Resp: 5495

Ion Ratio Lower Upper

65 100

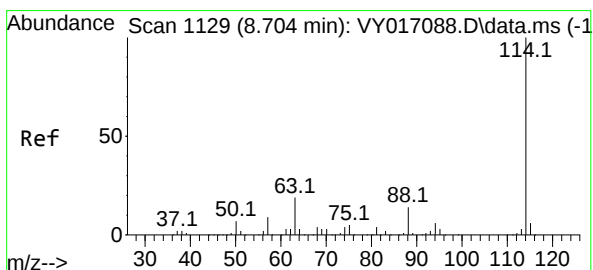
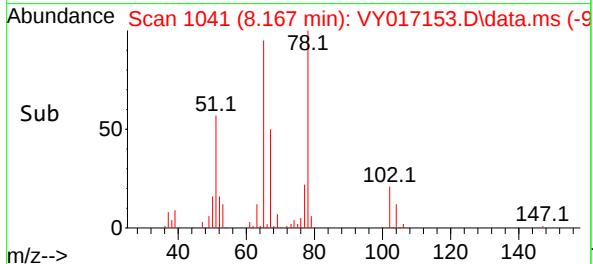
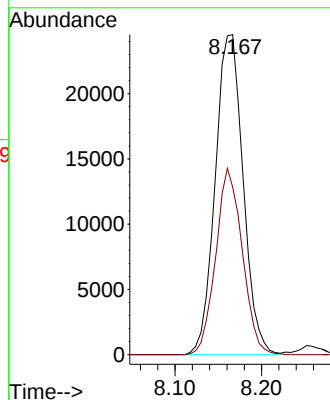
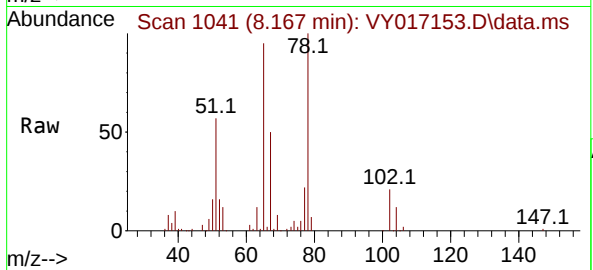
67 55.3 0.0 109.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024

Supervised By :Semsettin Yesilyurt 02/01/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

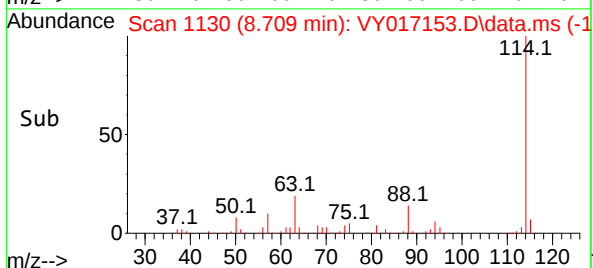
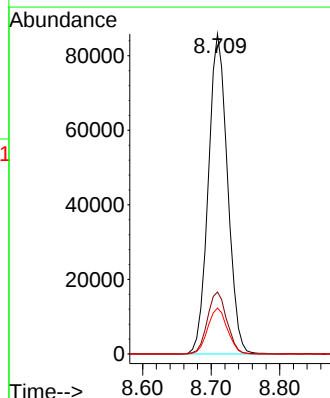
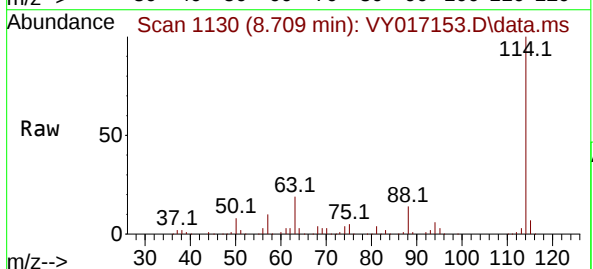
Tgt Ion:114 Resp: 166915

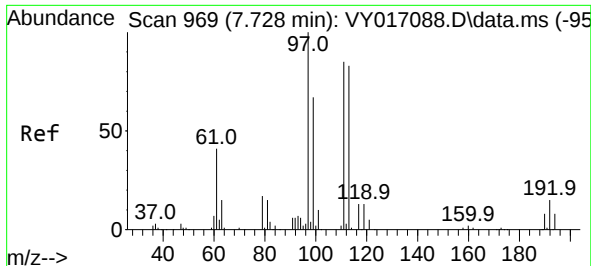
Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.4

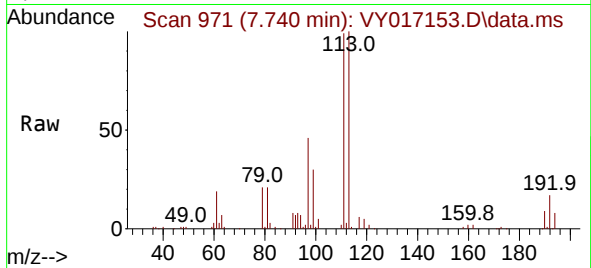
88 14.3 0.0 29.0





#35
Dibromofluoromethane
Concen: 55.772 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

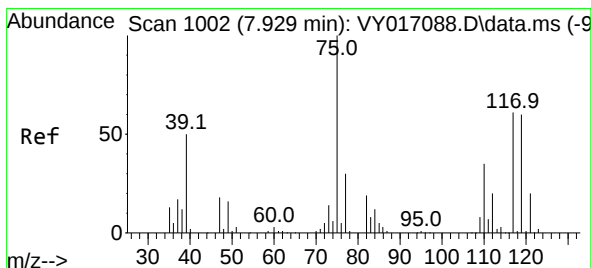
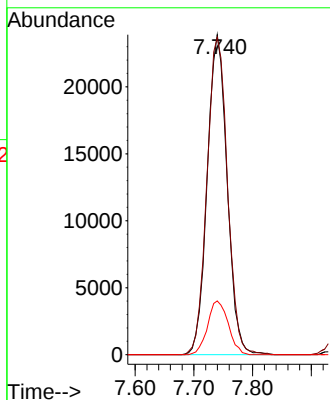
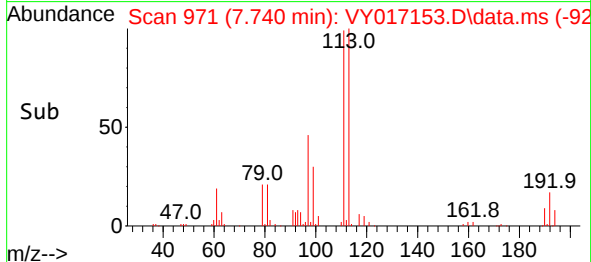
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01



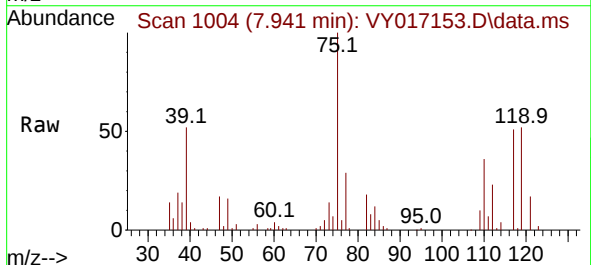
Tgt Ion:113 Resp: 5618
Ion Ratio Lower Upper
113 100
111 102.2 83.8 125.6
192 17.4 14.5 21.7

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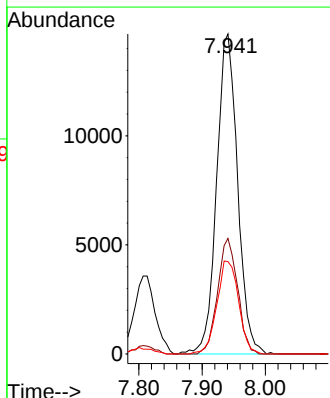
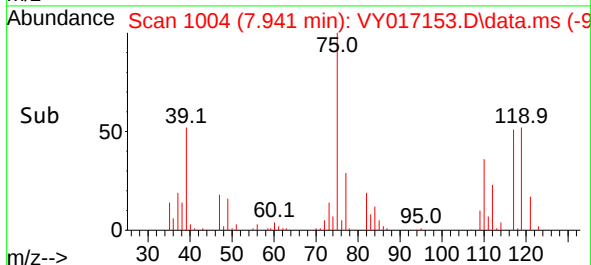
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024

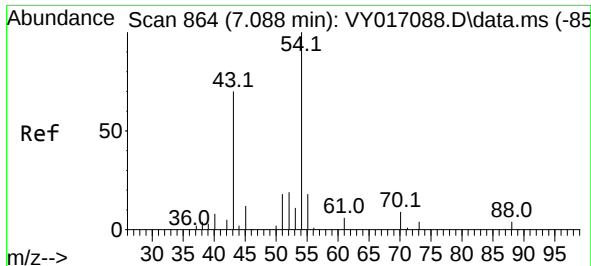


#36
1,1-Dichloropropene
Concen: 20.343 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58



Tgt Ion: 75 Resp: 33719
Ion Ratio Lower Upper
75 100
110 34.4 17.4 52.3
77 30.1 24.7 37.1





#37

Ethyl Acetate

Concen: 25.461 ug/l

RT: 7.100 min Scan# 80

Delta R.T. 0.012 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

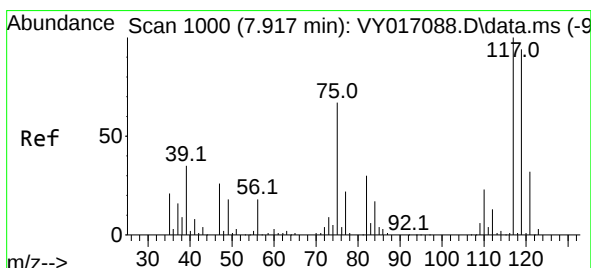
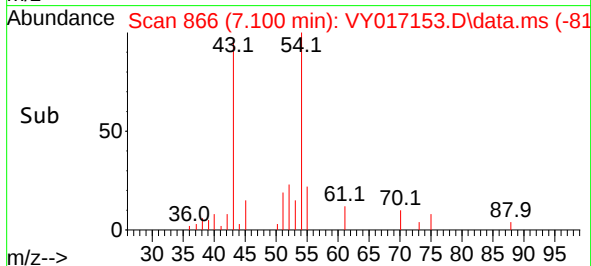
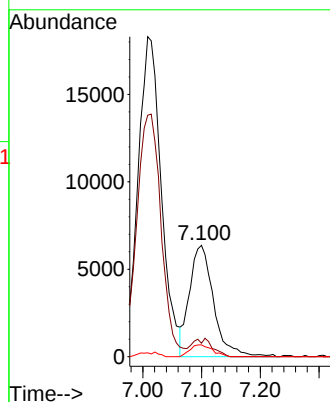
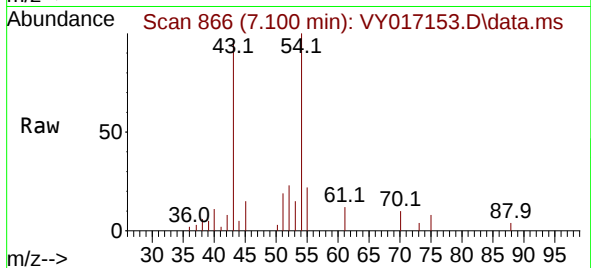
VY0131SBSD01

Tgt Ion: 43	Resp: 1814
Ion Ratio	Lower Upper
43 100	
61 13.5	11.0 16.6
70 9.9	8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#38

Carbon Tetrachloride

Concen: 21.027 ug/l

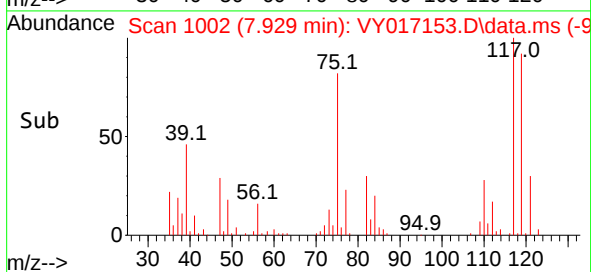
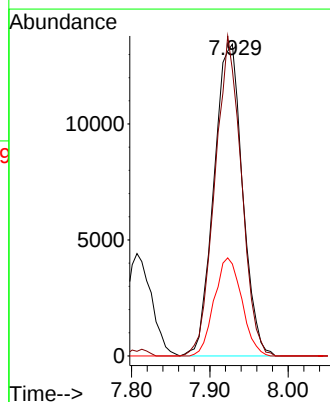
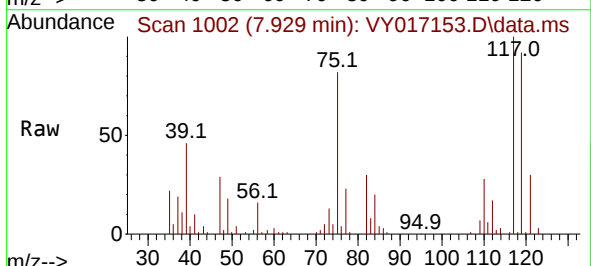
RT: 7.929 min Scan# 1002

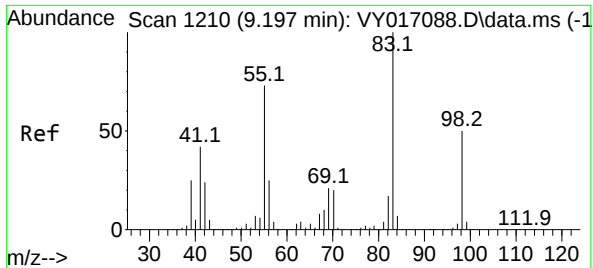
Delta R.T. 0.012 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Tgt Ion:117	Resp: 34154
Ion Ratio	Lower Upper
117 100	
119 91.8	76.0 114.0
121 29.5	24.2 36.2





#39

Methylcyclohexane

Concen: 18.188 ug/l

RT: 9.203 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBSD01

Tgt Ion: 83 Resp: 36260

Ion Ratio Lower Upper

83 100

55 76.2 59.7 89.5

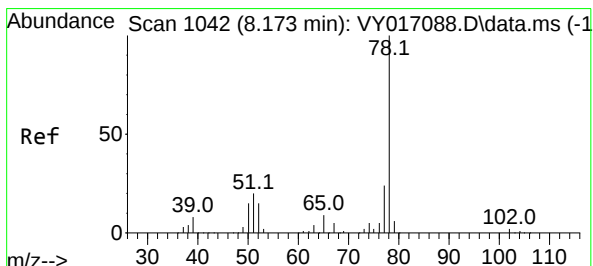
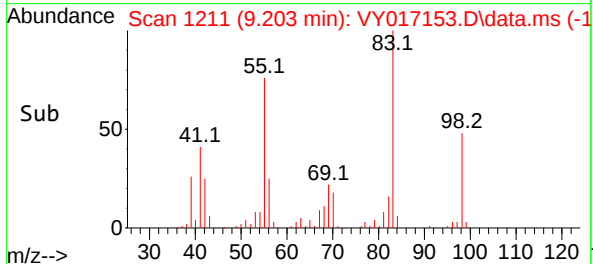
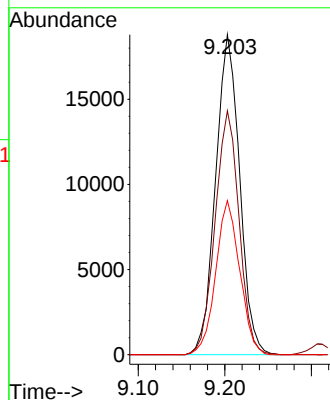
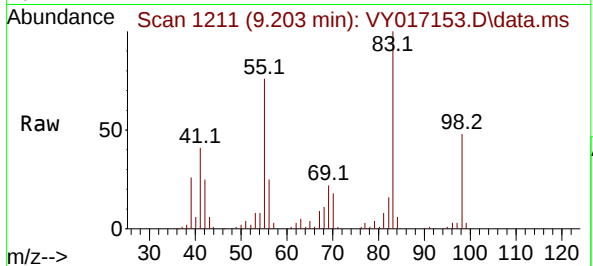
98 48.2 38.0 57.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024

Supervised By :Semsettin Yesilyurt 02/01/2024



#40

Benzene

Concen: 21.194 ug/l

RT: 8.185 min Scan# 1044

Delta R.T. 0.012 min

Lab File: VY017153.D

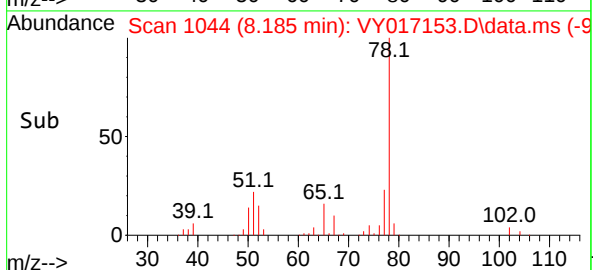
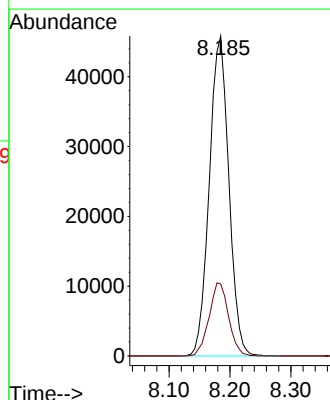
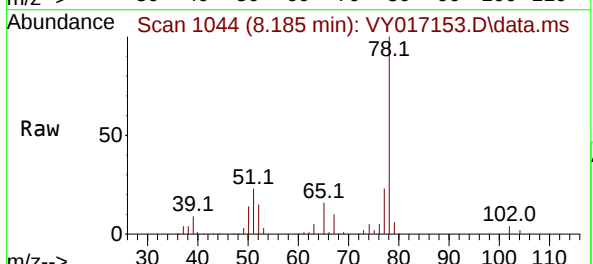
Acq: 31 Jan 2024 11:58

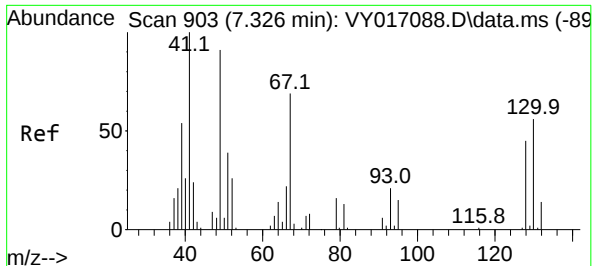
Tgt Ion: 78 Resp: 102020

Ion Ratio Lower Upper

78 100

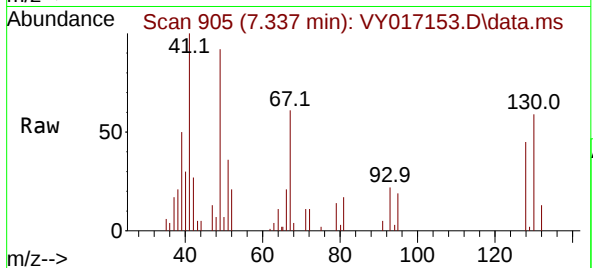
77 22.5 18.8 28.2





#41
Methacrylonitrile
Concen: 25.912 ug/l m
RT: 7.337 min Scan# 903
Delta R.T. 0.018 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

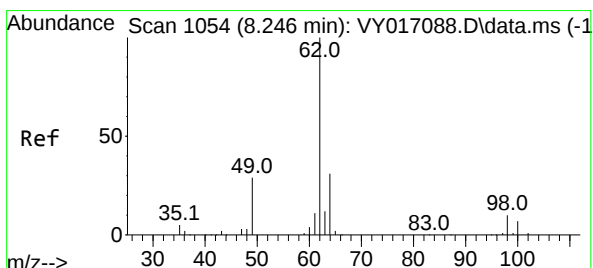
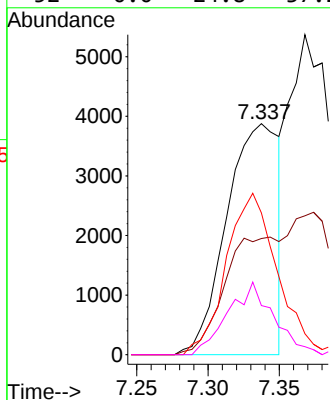
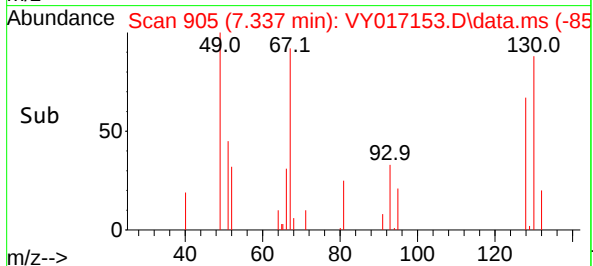
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01



Tgt Ion: 41 Resp: 987
Ion Ratio Lower Upper
41 100
39 114.9 41.9 62.9
67 0.0 59.8 89.6
52 0.0 24.8 37.2

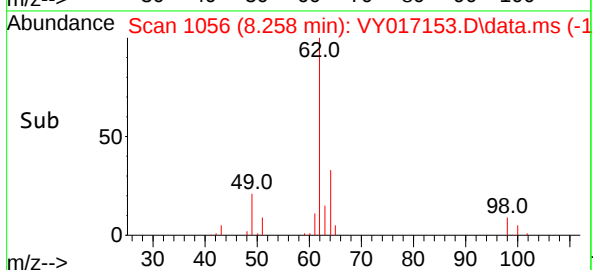
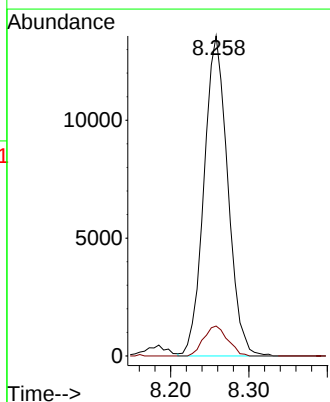
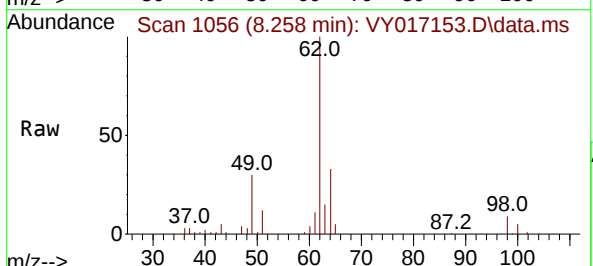
Manual Integrations
APPROVED

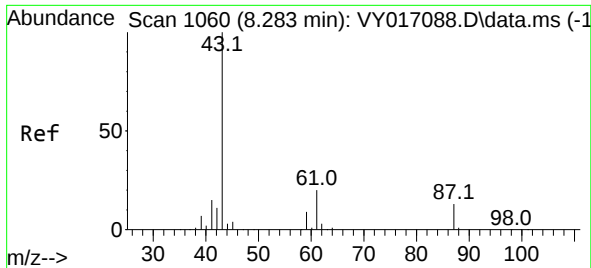
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#42
1,2-Dichloroethane
Concen: 22.918 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

Tgt Ion: 62 Resp: 28600
Ion Ratio Lower Upper
62 100
98 9.4 0.0 20.2





#43

Isopropyl Acetate

Concen: 23.096 ug/l

RT: 8.295 min Scan# 1062

Delta R.T. 0.012 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBS01

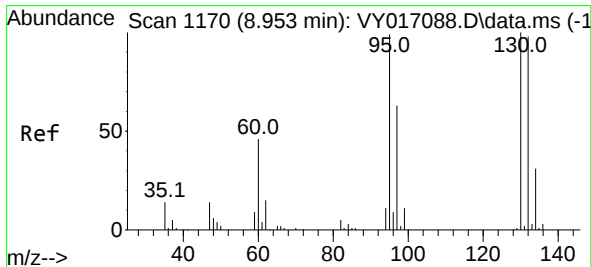
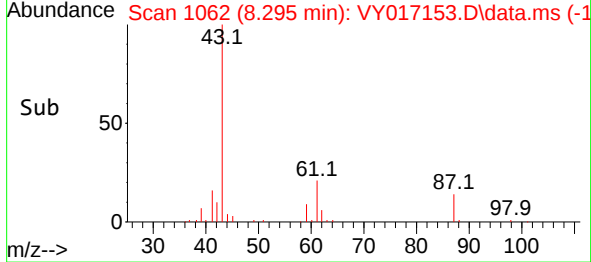
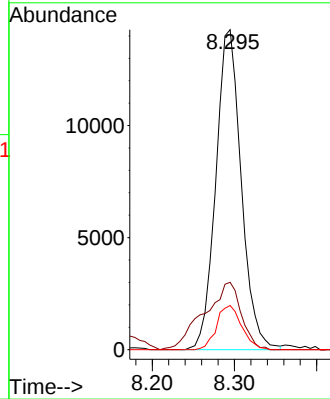
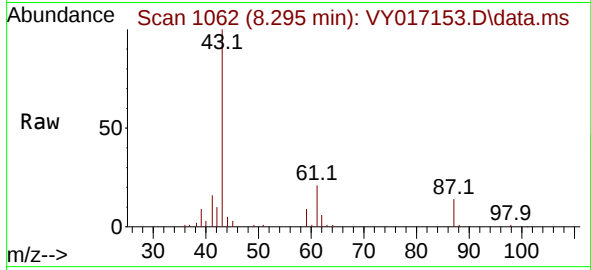
Tgt Ion: 43	Resp: 30729
Ion Ratio	Lower Upper
43	100
61	30.5 24.8 37.2
87	13.6 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024

Supervised By :Semsettin Yesilyurt 02/01/2024



#44

Trichloroethene

Concen: 21.224 ug/l

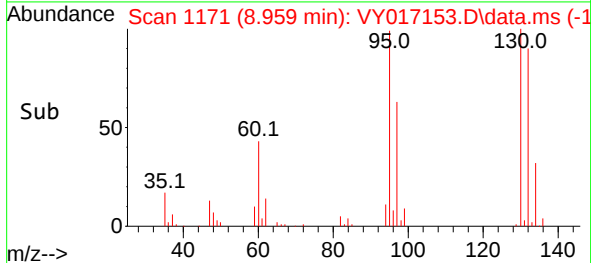
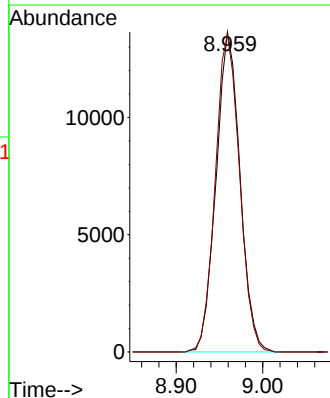
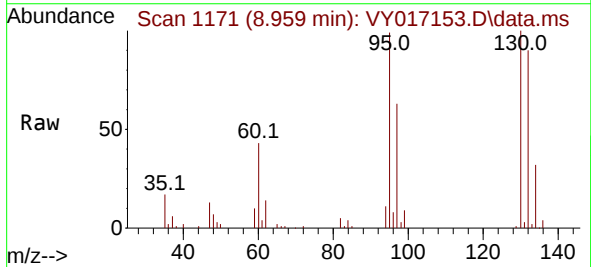
RT: 8.959 min Scan# 1171

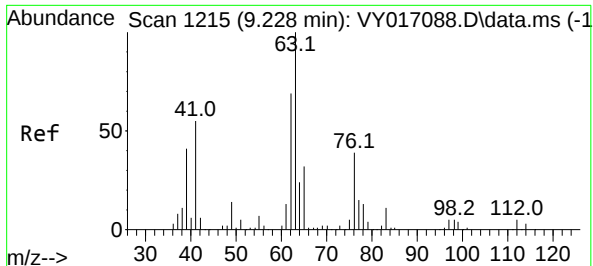
Delta R.T. 0.012 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Tgt Ion:130	Resp: 26203
Ion Ratio	Lower Upper
130	100
95	99.2 0.0 203.8





#45

1,2-Dichloropropane

Concen: 22.661 ug/l

RT: 9.233 min Scan# 1216

Delta R.T. 0.005 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBSD01

Tgt Ion: 63 Resp: 26774

Ion Ratio Lower Upper

63 100

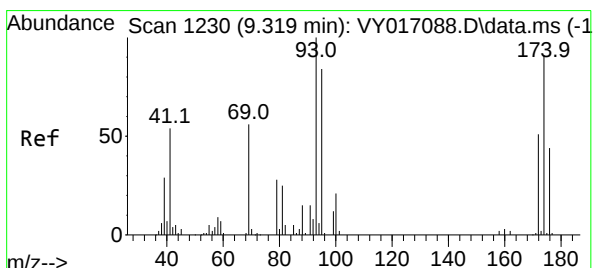
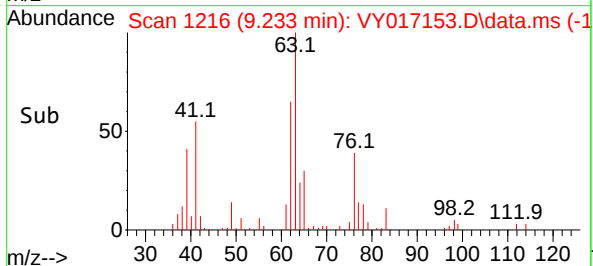
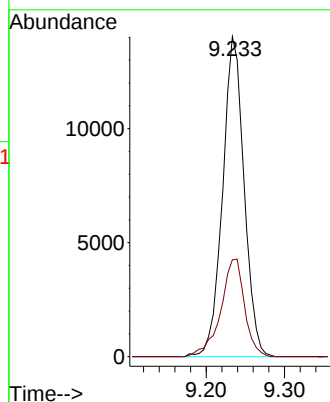
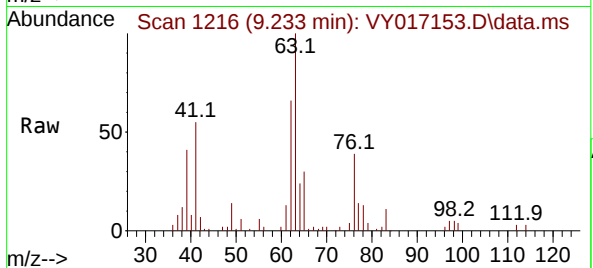
65 30.3 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024

Supervised By :Semsettin Yesilyurt 02/01/2024



#46

Dibromomethane

Concen: 22.400 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.012 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

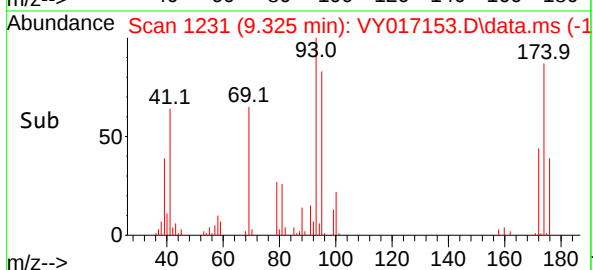
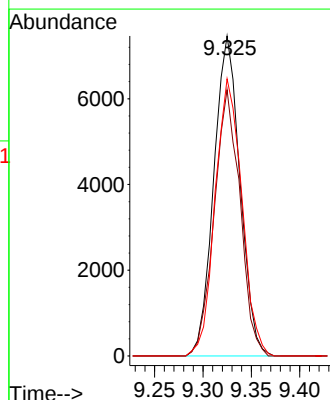
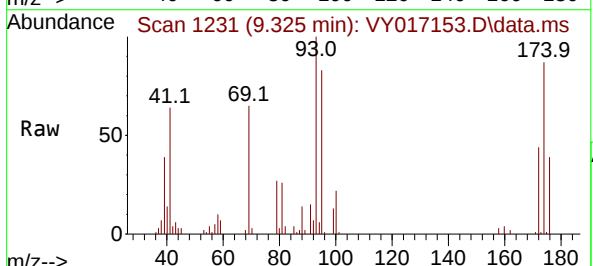
Tgt Ion: 93 Resp: 14055

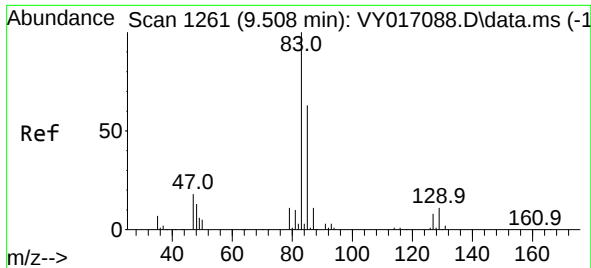
Ion Ratio Lower Upper

93 100

95 81.7 66.6 99.8

174 88.4 73.8 110.6





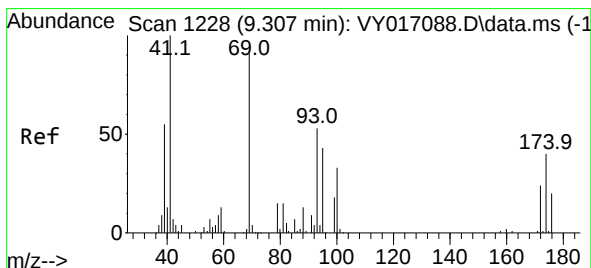
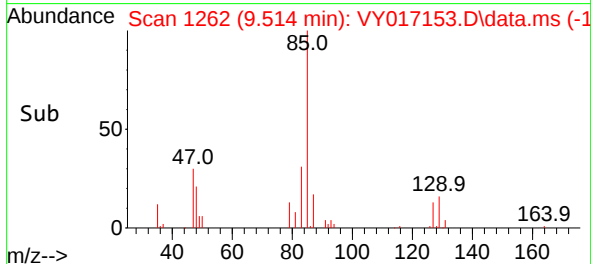
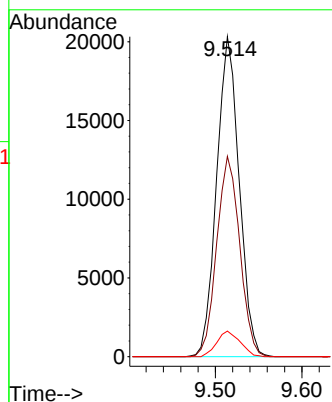
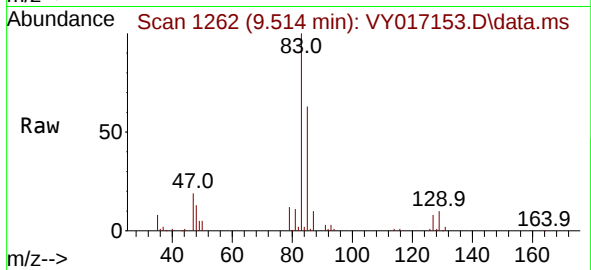
#47
Bromodichloromethane
Concen: 23.041 ug/l
RT: 9.514 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01

Tgt Ion: 83 Resp: 36780
Ion Ratio Lower Upper
83 100
85 62.6 53.2 79.8
127 8.0 6.4 9.6

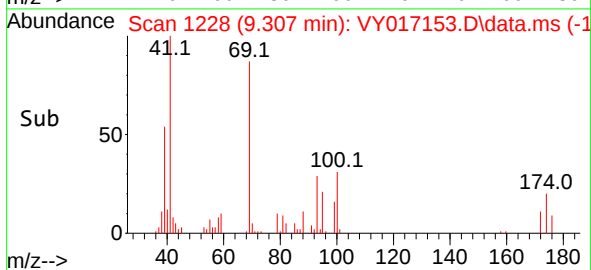
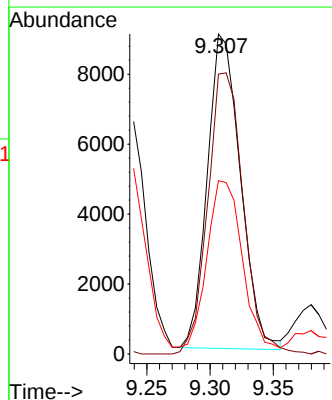
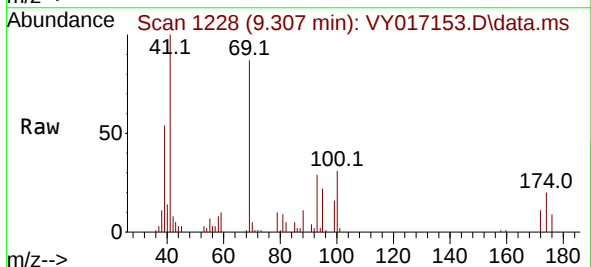
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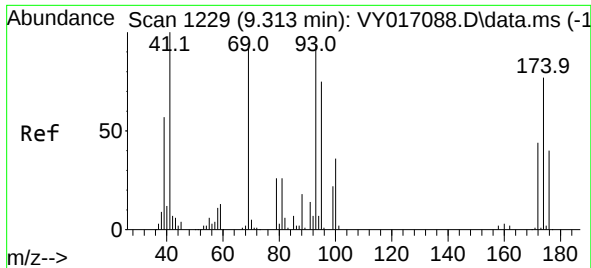
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#48
Methyl methacrylate
Concen: 22.181 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

Tgt Ion: 41 Resp: 16386
Ion Ratio Lower Upper
41 100
69 96.0 72.1 108.1
39 60.6 42.8 64.2





#49

1,4-Dioxane

Concen: 495.696 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBSD01

Tgt Ion: 88 Resp: 3059

Ion Ratio Lower Upper

88 100

43 38.7 28.2 42.4

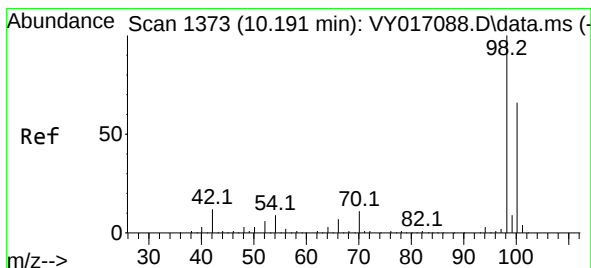
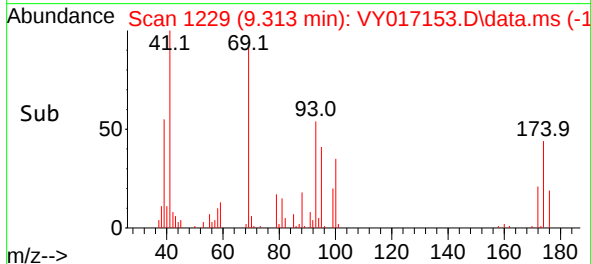
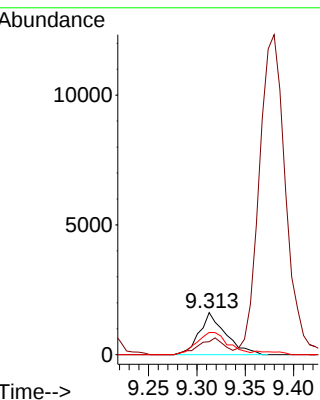
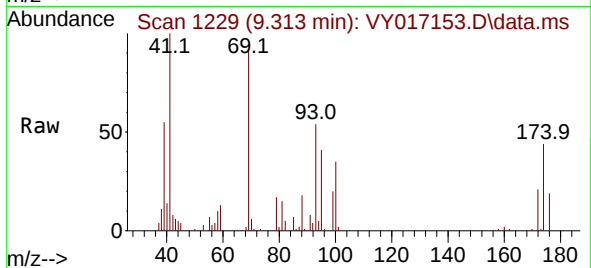
58 63.4 52.2 78.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024

Supervised By :Semsettin Yesilyurt 02/01/2024



#50

Toluene-d8

Concen: 55.136 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY017153.D

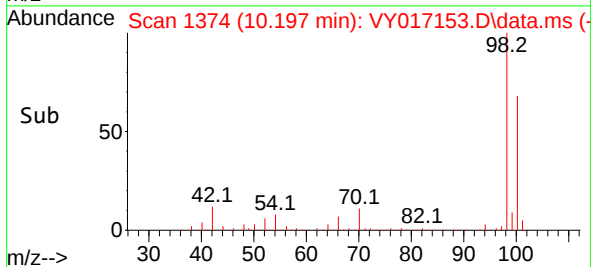
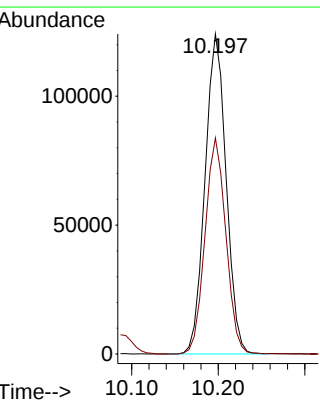
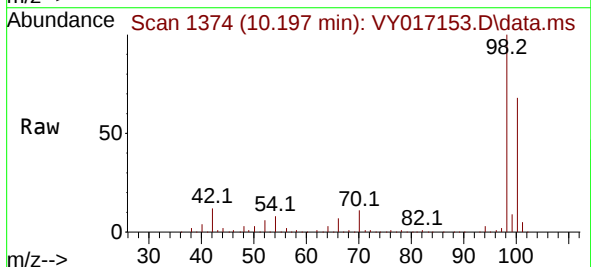
Acq: 31 Jan 2024 11:58

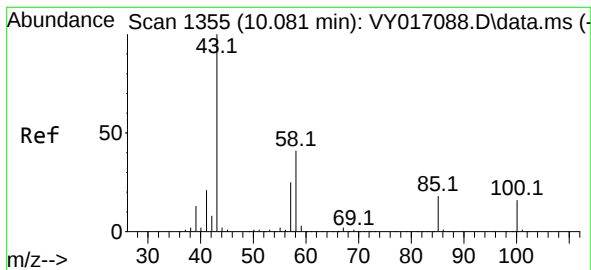
Tgt Ion: 98 Resp: 209793

Ion Ratio Lower Upper

98 100

100 66.8 52.3 78.5





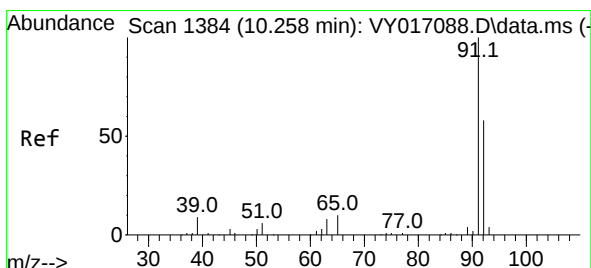
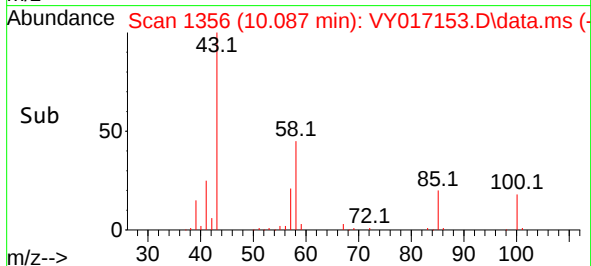
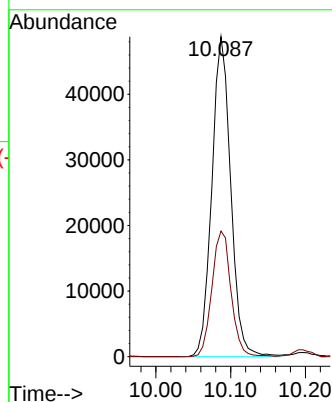
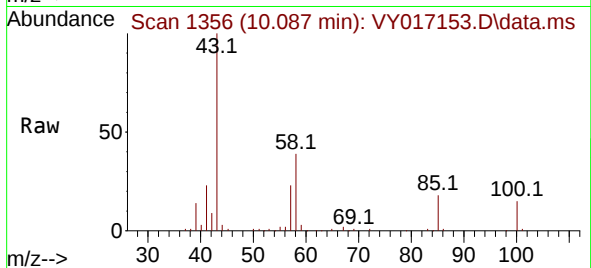
#51
4-Methyl-2-Pentanone
Concen: 121.311 ug/l
RT: 10.087 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01

Tgt Ion: 43 Resp: 85859
Ion Ratio Lower Upper
43 100
58 39.7 32.2 48.2

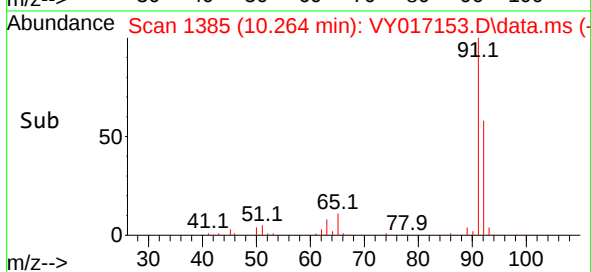
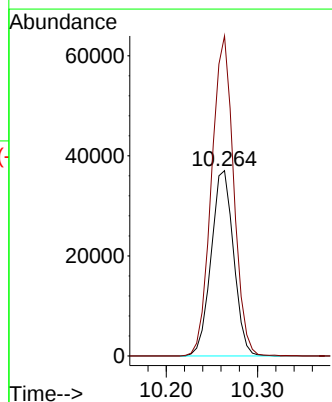
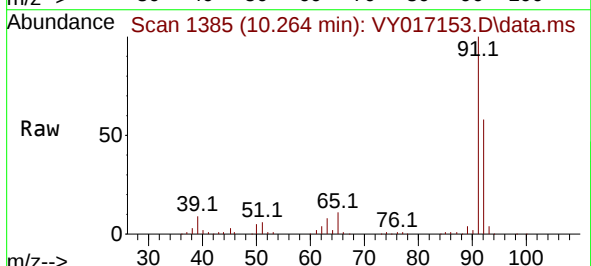
Manual Integrations
APPROVED

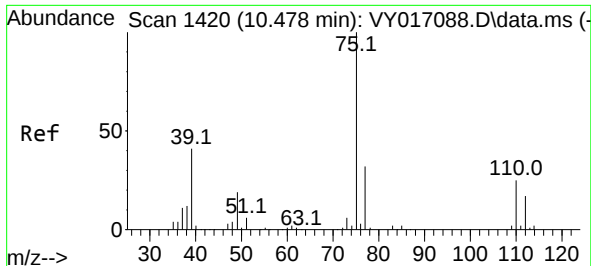
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#52
Toluene
Concen: 21.655 ug/l
RT: 10.264 min Scan# 1385
Delta R.T. 0.012 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

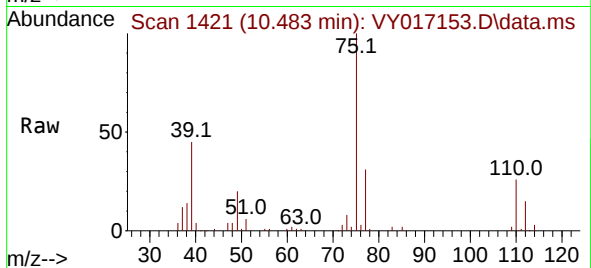
Tgt Ion: 92 Resp: 63091
Ion Ratio Lower Upper
92 100
91 170.7 137.6 206.4





#53
t-1,3-Dichloropropene
Concen: 21.916 ug/l
RT: 10.483 min Scan# 1420
Delta R.T. 0.012 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

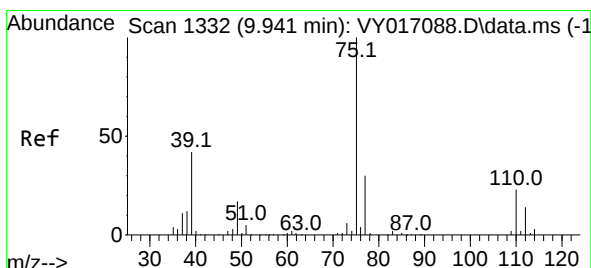
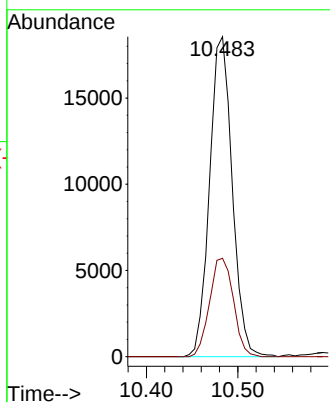
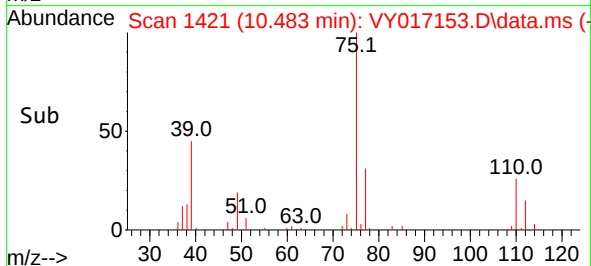
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01



Tgt Ion: 75 Resp: 31959
Ion Ratio Lower Upper
75 100
77 30.7 24.6 36.8

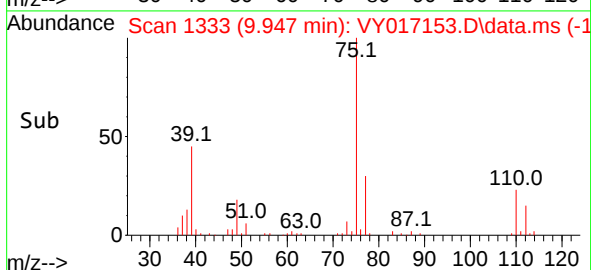
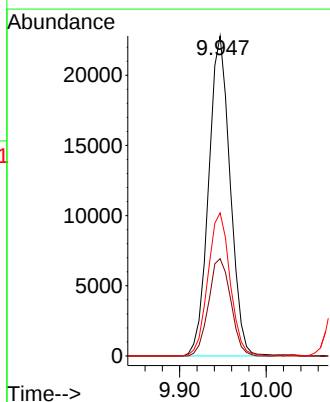
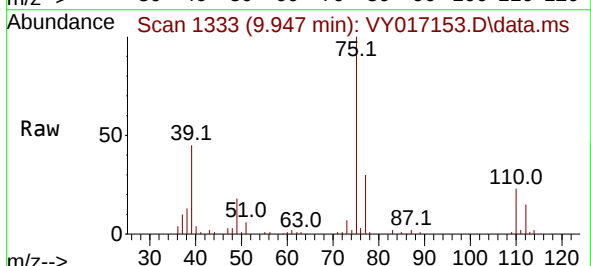
Manual Integrations
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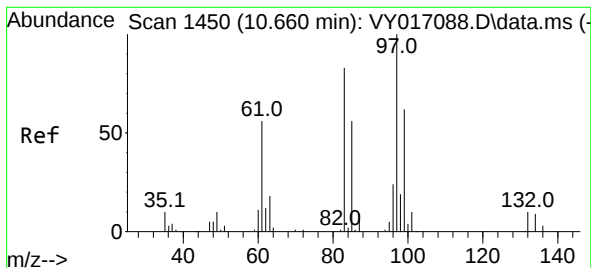
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#54
cis-1,3-Dichloropropene
Concen: 21.918 ug/l
RT: 9.947 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

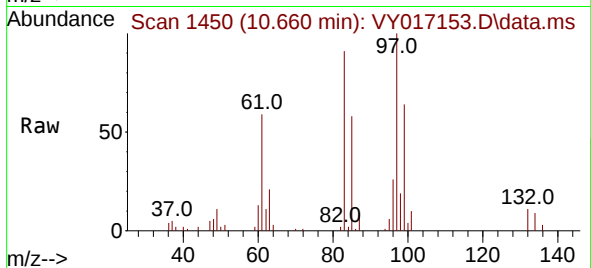
Tgt Ion: 75 Resp: 39310
Ion Ratio Lower Upper
75 100
77 30.4 24.6 36.8
39 44.7 33.6 50.4





#55
1,1,2-Trichloroethane
Concen: 23.089 ug/l
RT: 10.660 min Scan# 1450
Delta R.T. 0.006 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01

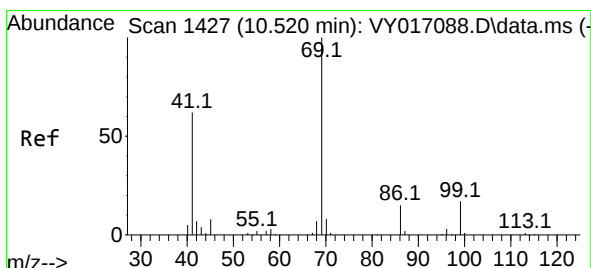
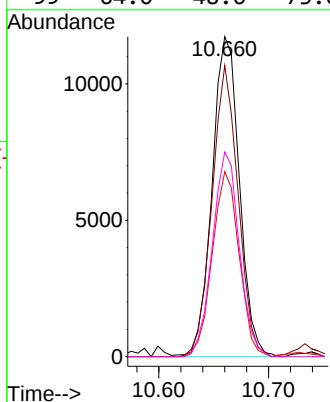
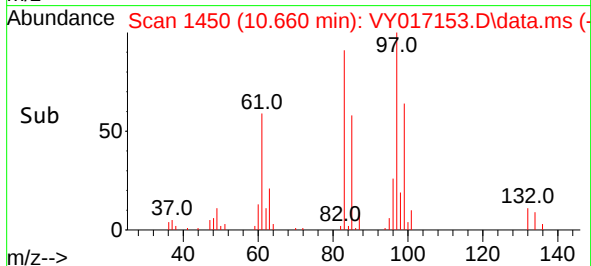


Tgt Ion: 97 Resp: 2024

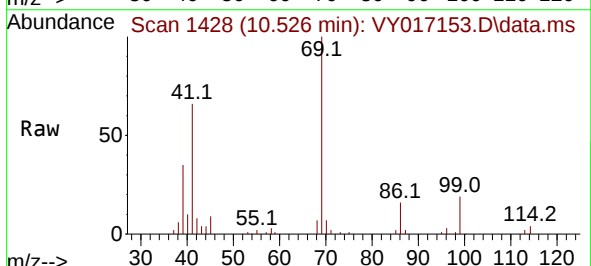
Ion	Ratio	Lower	Upper
97	100		
83	91.0	69.4	104.2
85	57.8	43.9	65.9
99	64.0	48.6	73.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024

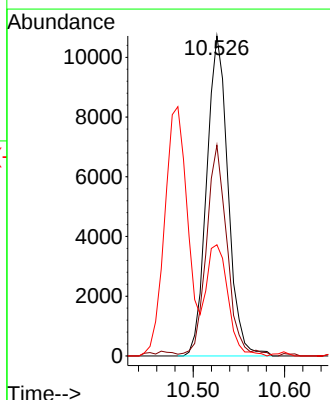
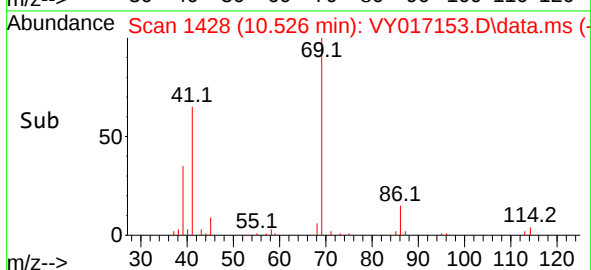


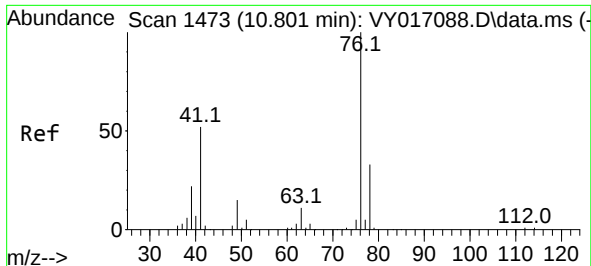
#56
Ethyl methacrylate
Concen: 22.697 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58



Tgt Ion: 69 Resp: 17406

Ion	Ratio	Lower	Upper
69	100		
41	63.8	49.2	73.8
39	34.5	26.8	40.2





#57

1,3-Dichloropropane

Concen: 22.891 ug/l

RT: 10.806 min Scan# 1473

Delta R.T. 0.006 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBSD01

Tgt Ion: 76 Resp: 33939

Ion Ratio Lower Upper

76 100

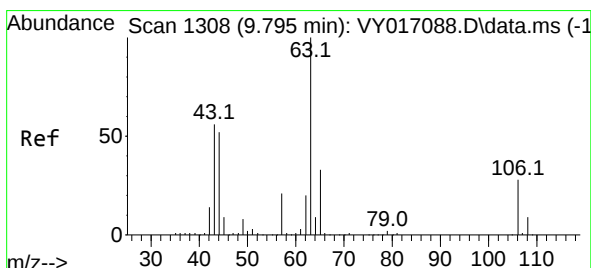
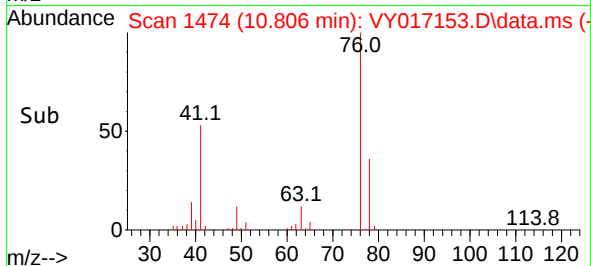
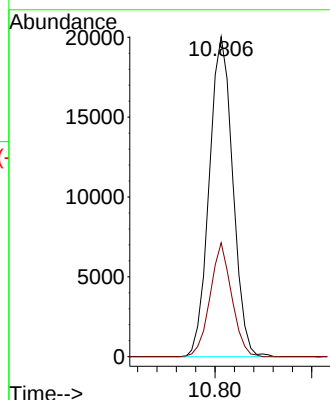
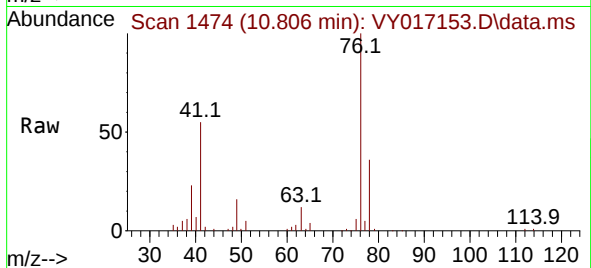
78 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024

Supervised By :Semsettin Yesilyurt 02/01/2024



#58

2-Chloroethyl Vinyl ether

Concen: 123.292 ug/l

RT: 9.800 min Scan# 1309

Delta R.T. 0.012 min

Lab File: VY017153.D

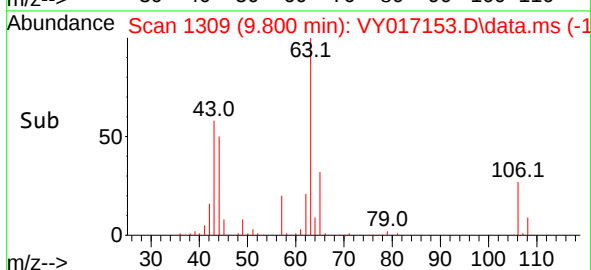
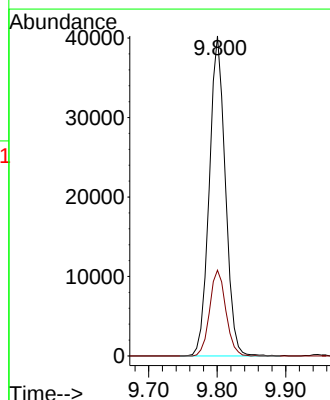
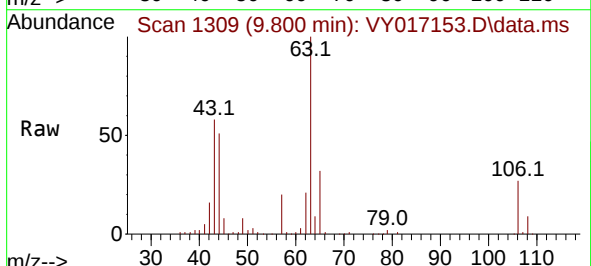
Acq: 31 Jan 2024 11:58

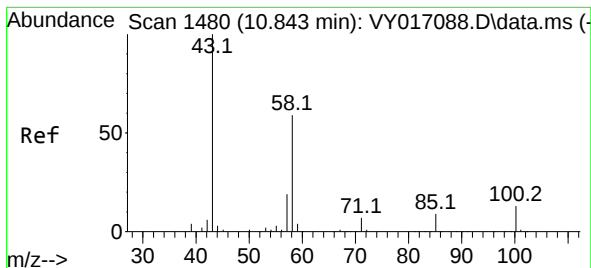
Tgt Ion: 63 Resp: 65632

Ion Ratio Lower Upper

63 100

106 27.0 22.4 33.6





#59

2-Hexanone

Concen: 130.055 ug/l

RT: 10.849 min Scan# 1480

Delta R.T. 0.006 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBSD01

Tgt Ion: 43 Resp: 70224

Ion Ratio Lower Upper

43 100

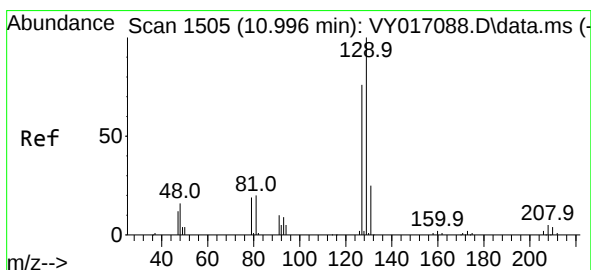
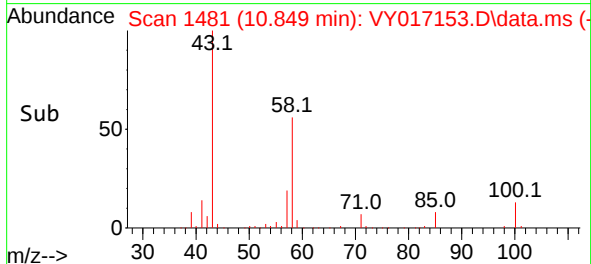
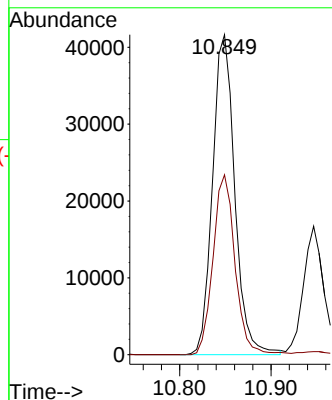
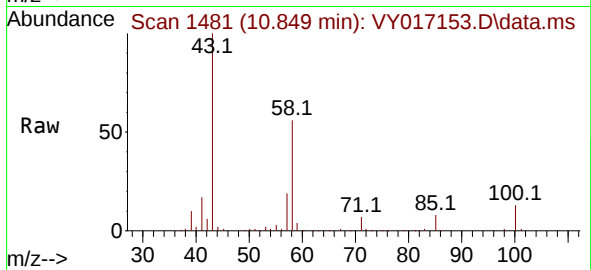
58 55.8 28.1 84.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024

Supervised By :Semsettin Yesilyurt 02/01/2024



#60

Dibromochloromethane

Concen: 23.150 ug/l

RT: 11.001 min Scan# 1506

Delta R.T. 0.005 min

Lab File: VY017153.D

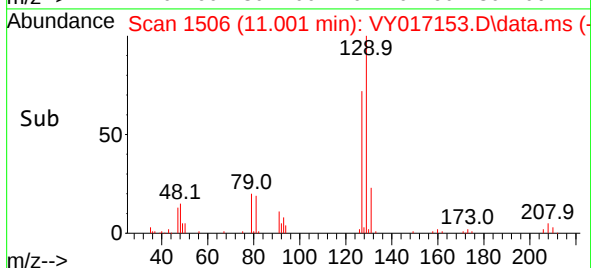
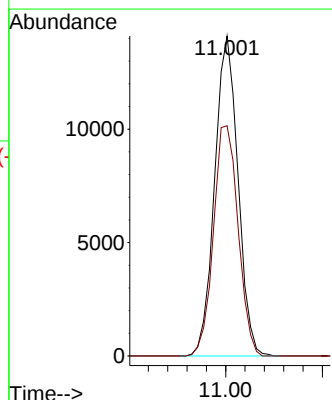
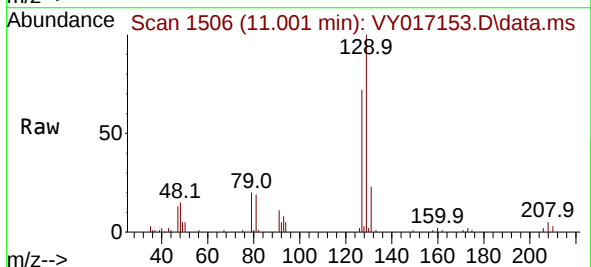
Acq: 31 Jan 2024 11:58

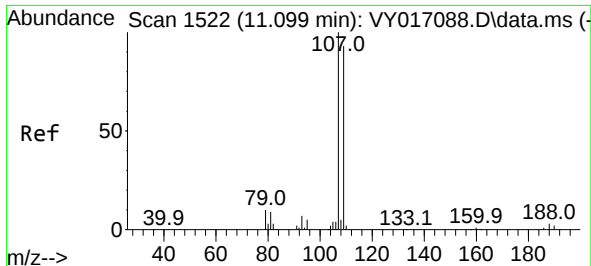
Tgt Ion:129 Resp: 23586

Ion Ratio Lower Upper

129 100

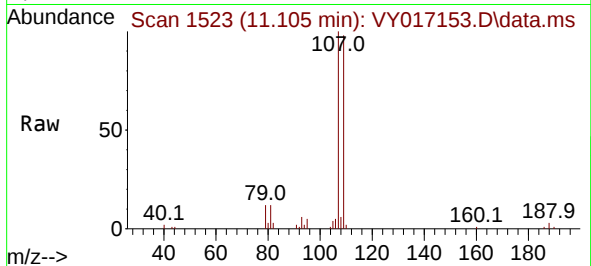
127 76.2 39.2 117.6





#61
1,2-Dibromoethane
Concen: 22.476 ug/l
RT: 11.105 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

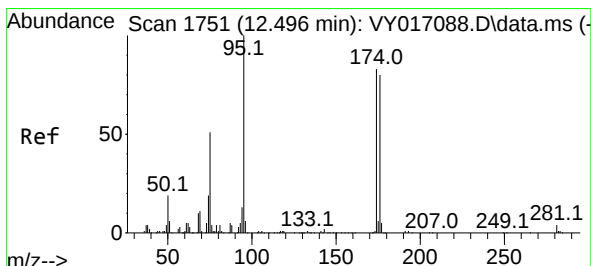
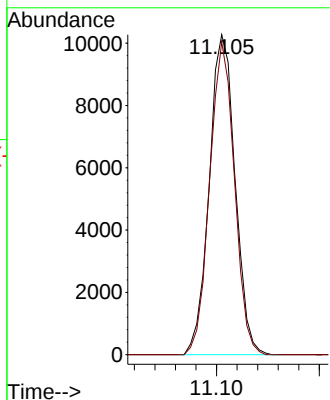
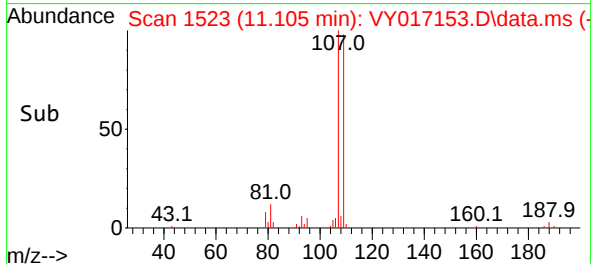
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01



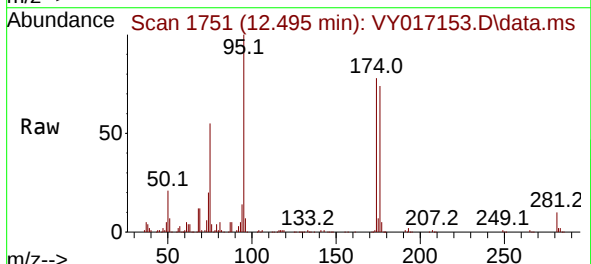
Tgt Ion:107 Resp: 17900
Ion Ratio Lower Upper
107 100
109 93.4 75.4 113.2

Manual Integrations
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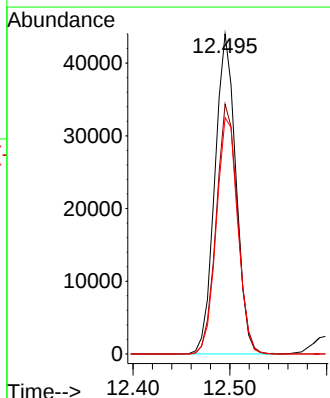
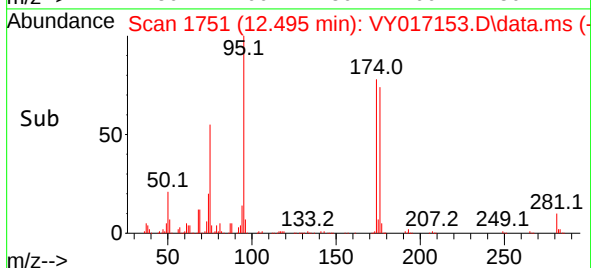
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024

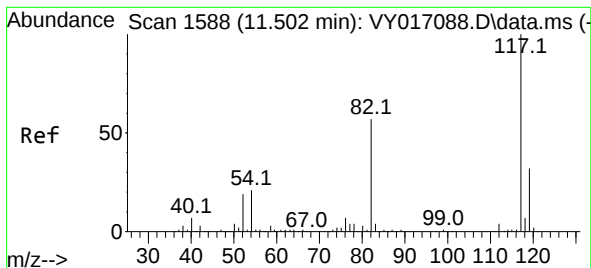


#62
4-Bromofluorobenzene
Concen: 56.708 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58



Tgt Ion: 95 Resp: 66470
Ion Ratio Lower Upper
95 100
174 78.9 0.0 160.0
176 75.3 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.507 min Scan# 11

Delta R.T. 0.005 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBSD01

Tgt Ion:117 Resp: 14440

Ion Ratio Lower Upper

117 100

82 54.9 43.8 65.8

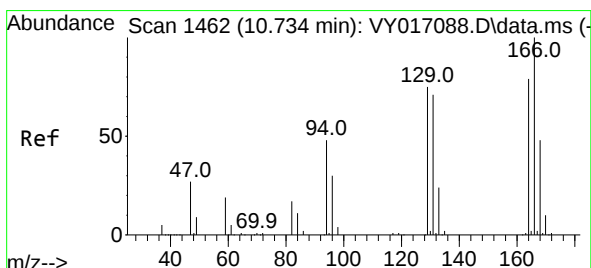
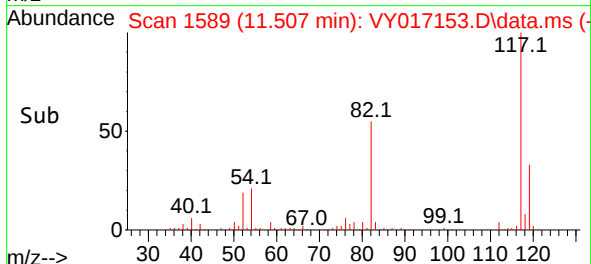
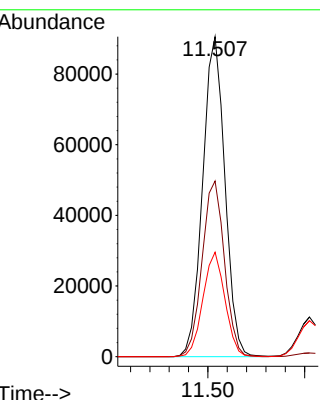
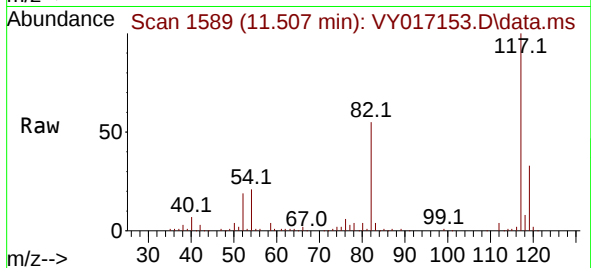
119 32.7 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024

Supervised By :Semsettin Yesilyurt 02/01/2024



#64

Tetrachloroethene

Concen: 20.658 ug/l

RT: 10.739 min Scan# 1463

Delta R.T. 0.012 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Tgt Ion:164 Resp: 20793

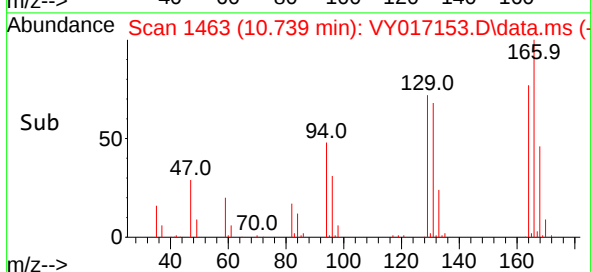
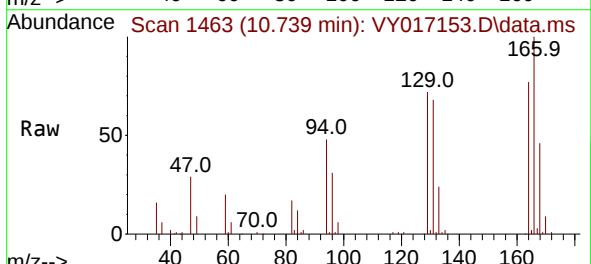
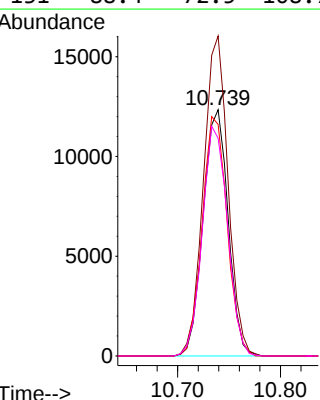
Ion Ratio Lower Upper

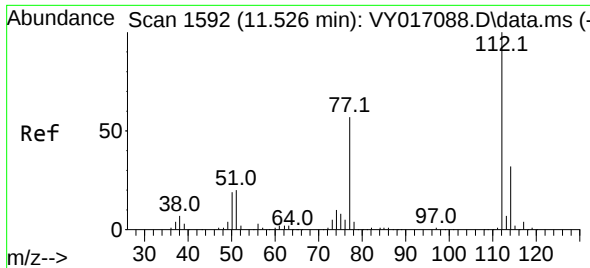
164 100

166 130.0 98.8 148.2

129 94.1 78.9 118.3

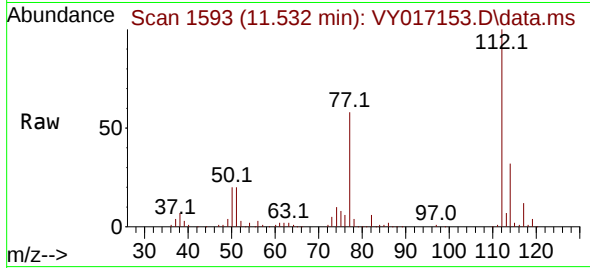
131 88.4 72.5 108.7





#65
Chlorobenzene
Concen: 21.702 ug/l
RT: 11.532 min Scan# 1153
Delta R.T. 0.006 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

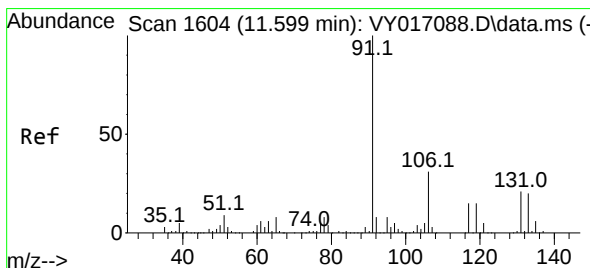
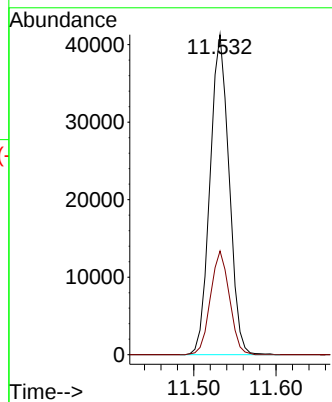
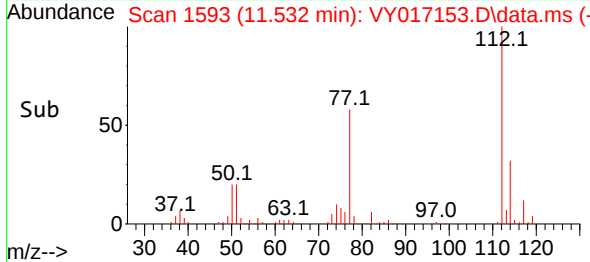
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01



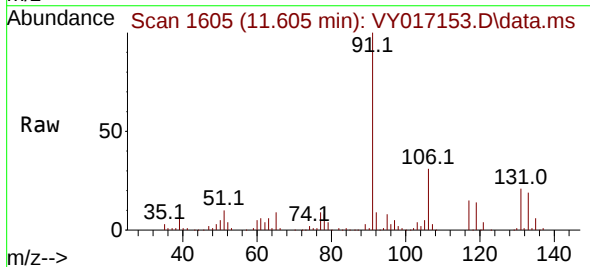
Tgt Ion:112 Resp: 6641
Ion Ratio Lower Upper
112 100
114 32.4 26.1 39.1

Manual Integrations
APPROVED

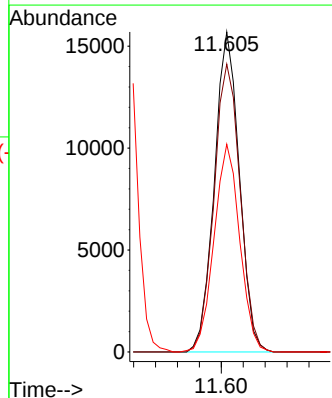
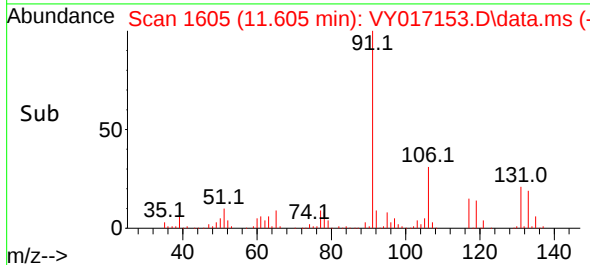
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024

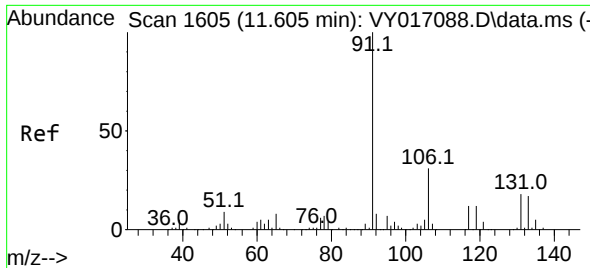


#66
1,1,1,2-Tetrachloroethane
Concen: 22.222 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58



Tgt Ion:131 Resp: 24839
Ion Ratio Lower Upper
131 100
133 94.3 47.0 141.0
119 66.7 33.3 99.9





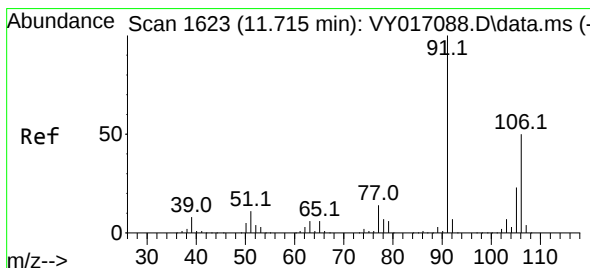
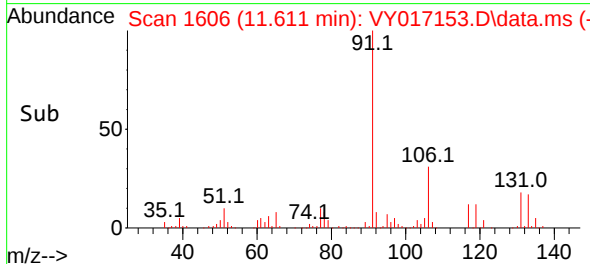
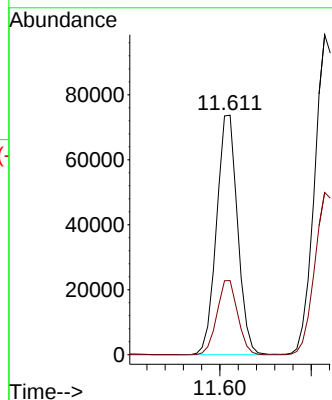
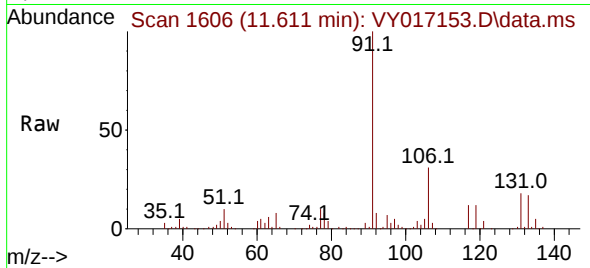
#67
Ethyl Benzene
Concen: 21.191 ug/l
RT: 11.611 min Scan# 1606
Delta R.T. 0.012 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01

Tgt Ion: 91 Resp: 11788
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.4

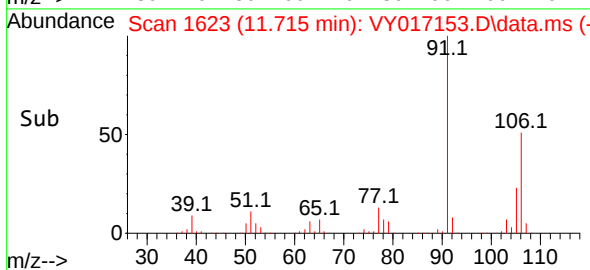
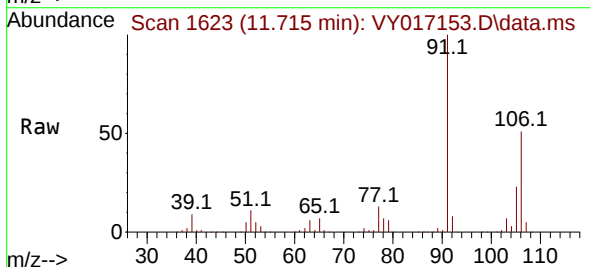
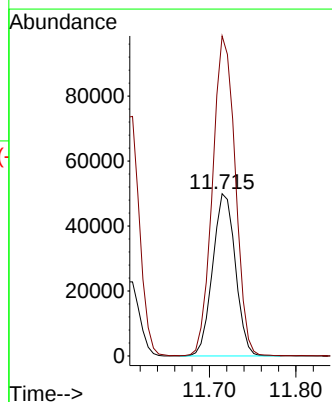
Manual Integrations
APPROVED

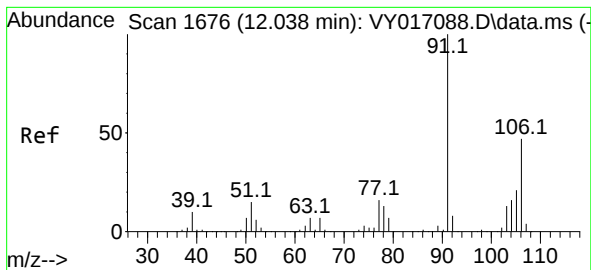
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#68
m/p-Xylenes
Concen: 43.600 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. 0.006 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

Tgt Ion:106 Resp: 91129
Ion Ratio Lower Upper
106 100
91 197.0 160.7 241.1





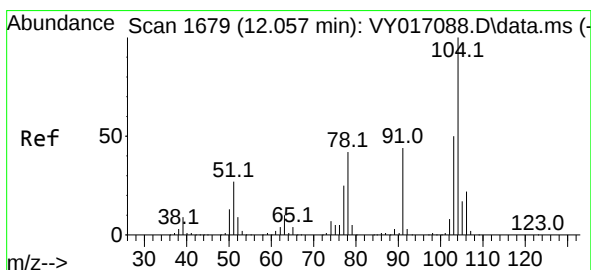
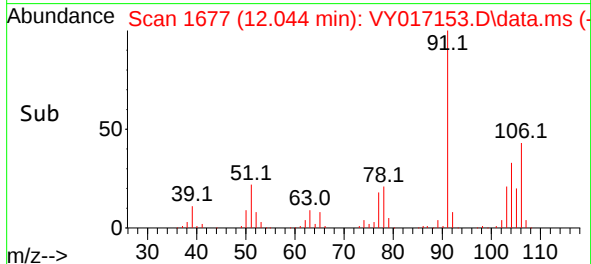
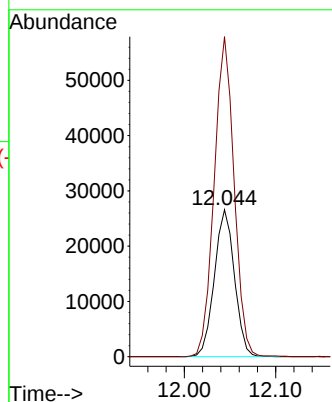
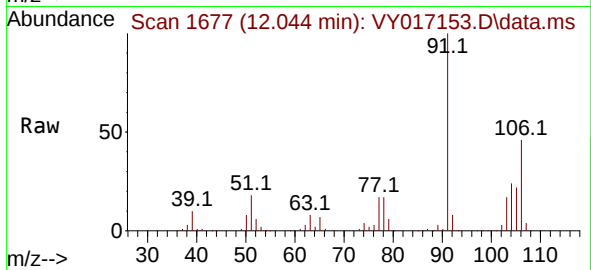
#69
o-Xylene
Concen: 21.433 ug/l
RT: 12.044 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01

Tgt Ion:106 Resp: 40692
Ion Ratio Lower Upper
106 100
91 216.1 106.5 319.5

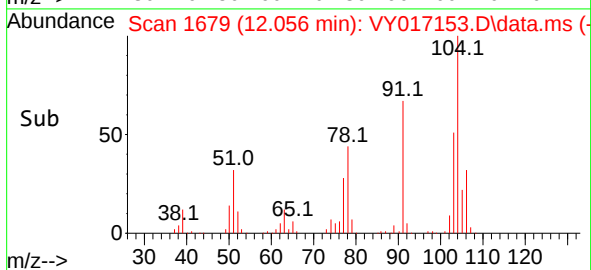
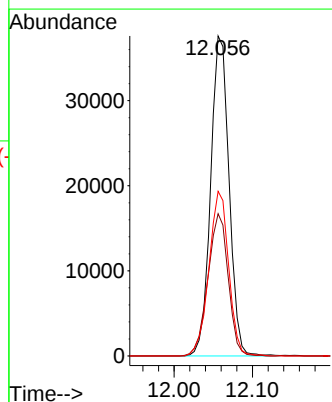
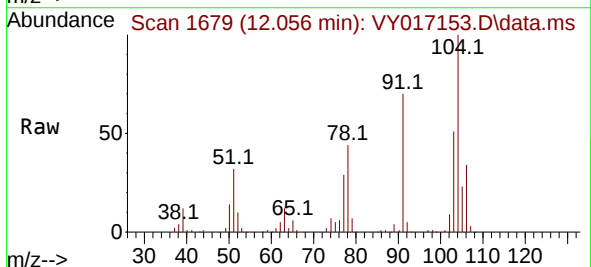
Manual Integrations
APPROVED

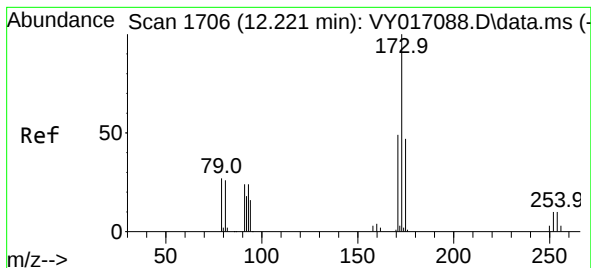
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#70
Styrene
Concen: 22.257 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

Tgt Ion:104 Resp: 61347
Ion Ratio Lower Upper
104 100
78 49.0 39.2 58.8
103 55.2 43.8 65.6





#71

Bromoform

Concen: 22.347 ug/l

RT: 12.221 min Scan# 1706

Delta R.T. 0.006 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

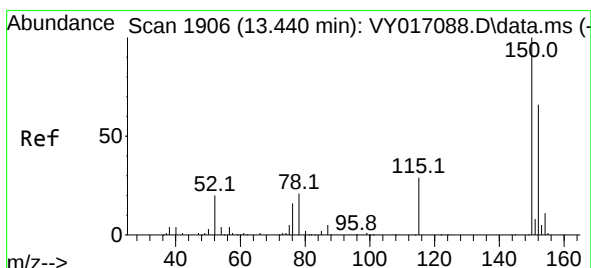
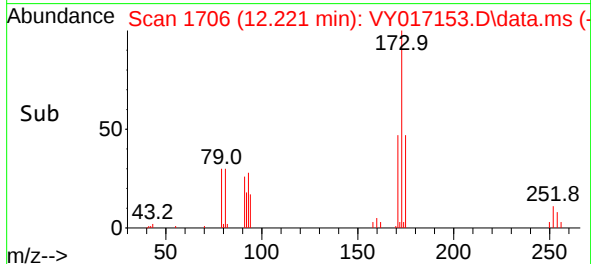
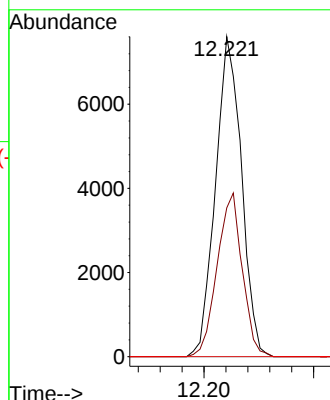
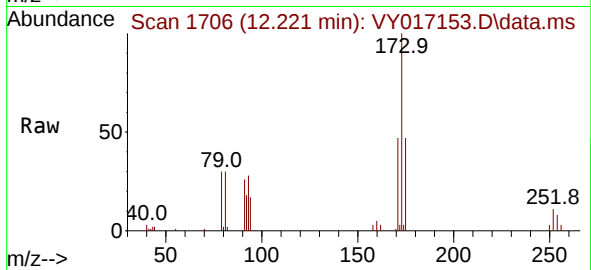
VY0131SBSD01

Tgt Ion:173 Resp: 12529
 Ion Ratio Lower Upper
 173 100
 175 49.4 23.5 70.6
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024
 Supervised By :Semsettin Yesilyurt 02/01/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

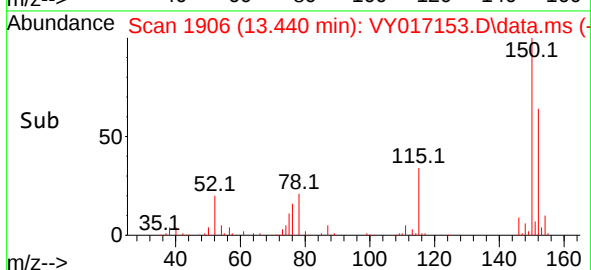
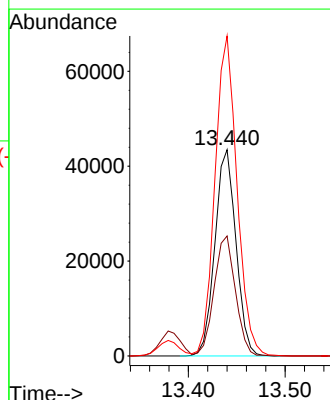
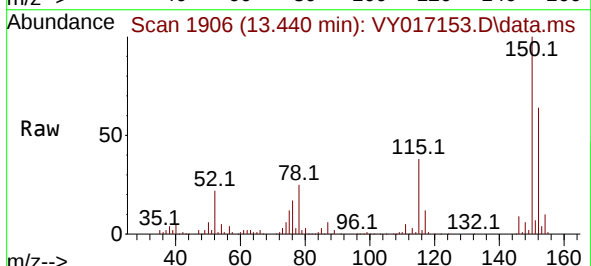
RT: 13.440 min Scan# 1906

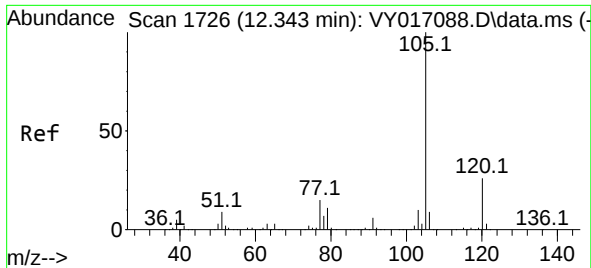
Delta R.T. 0.006 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

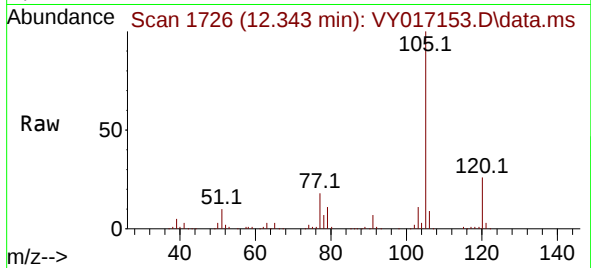
Tgt Ion:152 Resp: 65809
 Ion Ratio Lower Upper
 152 100
 115 59.1 30.0 90.0
 150 162.2 0.0 344.6





#73
Isopropylbenzene
Concen: 20.955 ug/l
RT: 12.343 min Scan# 11336
Delta R.T. 0.006 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

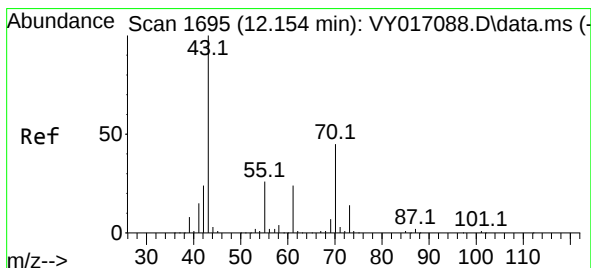
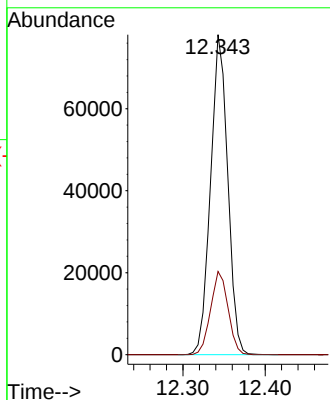
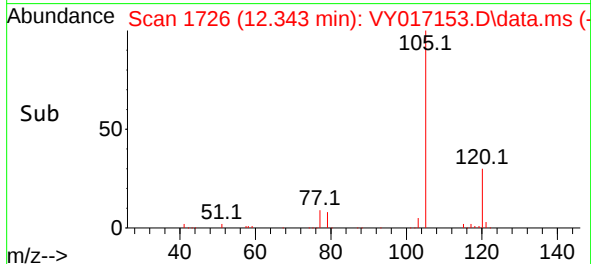
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01



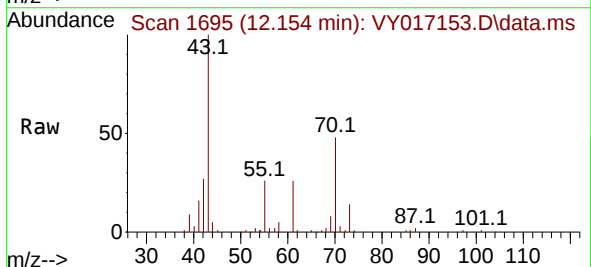
Tgt Ion:105 Resp: 11336
Ion Ratio Lower Upper
105 100
120 26.3 13.0 39.0

Manual Integrations
APPROVED

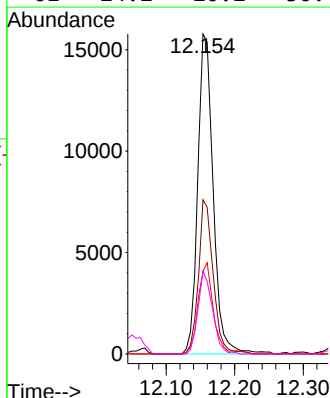
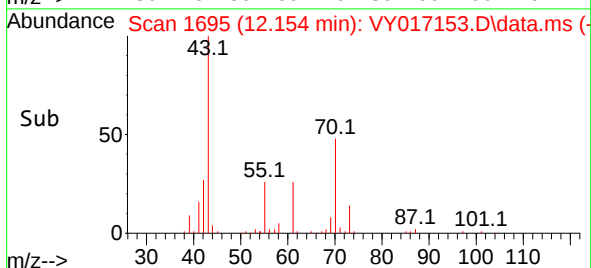
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024

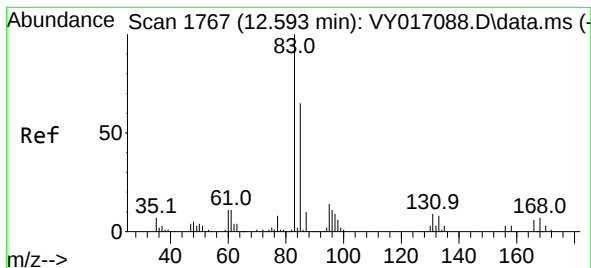


#74
N-ethyl acetate
Concen: 22.751 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58



Tgt Ion: 43 Resp: 24809
Ion Ratio Lower Upper
43 100
70 45.8 36.6 55.0
55 28.4 22.2 33.4
61 24.2 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 22.753 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. 0.006 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

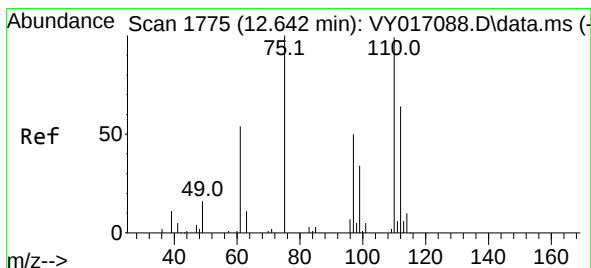
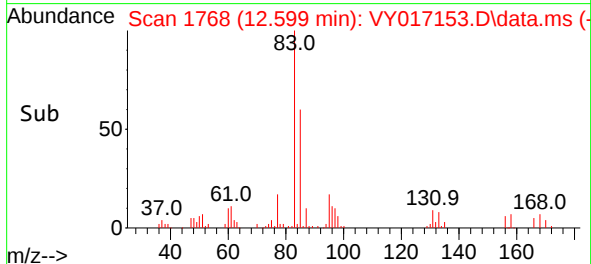
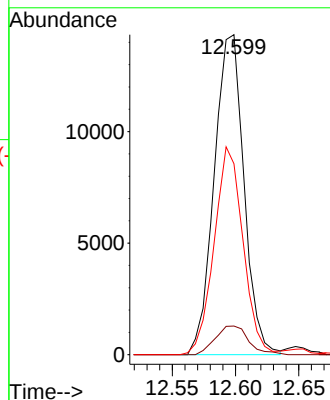
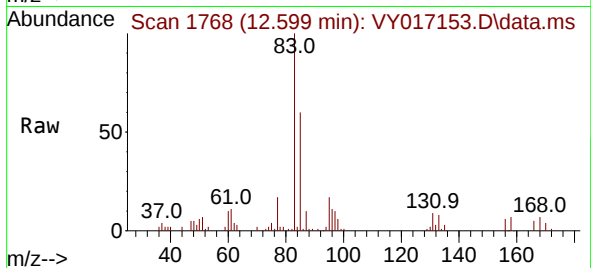
VY0131SBS01

Tgt Ion: 83 Resp: 23472
 Ion Ratio Lower Upper
 83 100
 131 10.0 4.9 14.6
 85 63.2 32.6 98.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024
 Supervised By :Semsettin Yesilyurt 02/01/2024



#76

1,2,3-Trichloropropane

Concen: 21.493 ug/l m

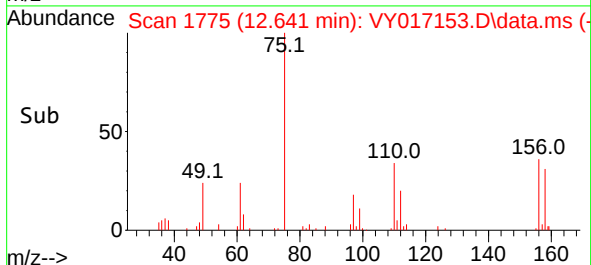
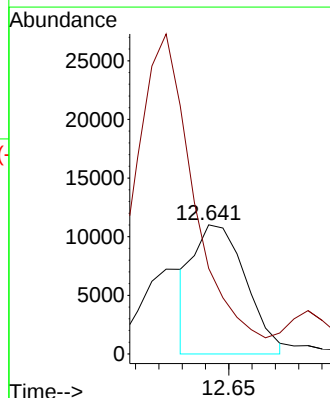
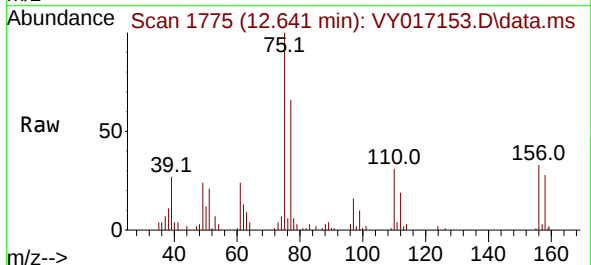
RT: 12.641 min Scan# 1775

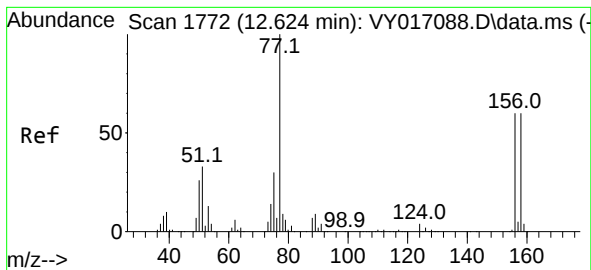
Delta R.T. -0.001 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Tgt Ion: 75 Resp: 17168
 Ion Ratio Lower Upper
 75 100
 77 281.7 0.0 0.0#





#77

Bromobenzene

Concen: 21.268 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

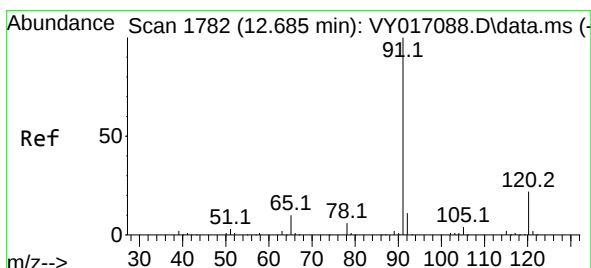
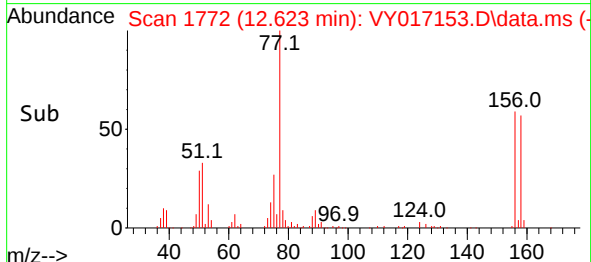
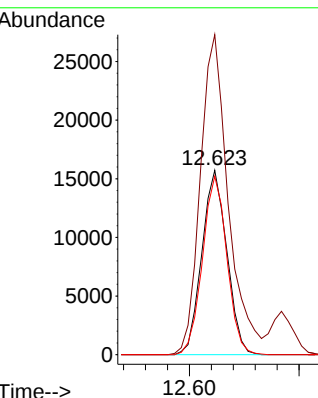
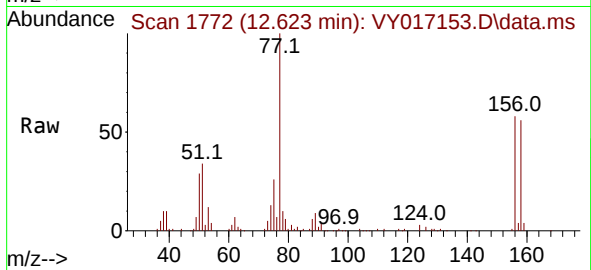
VY0131SBS01

Tgt Ion:	156	Resp:	2489
Ion Ratio	Lower	Upper	
156	100		
77	194.3	97.3	291.8
158	94.6	48.4	145.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#78

n-propylbenzene

Concen: 21.550 ug/l

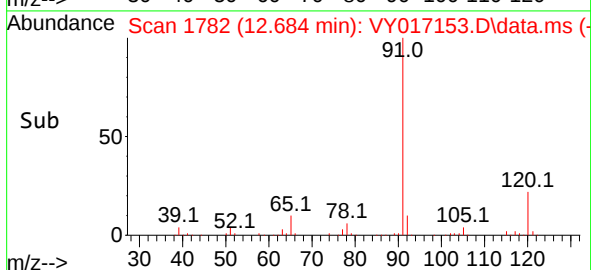
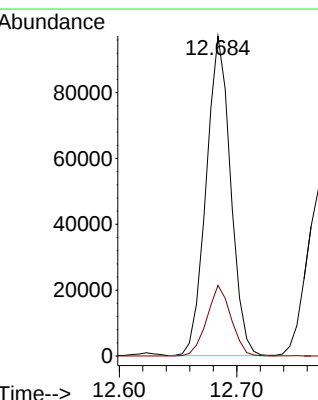
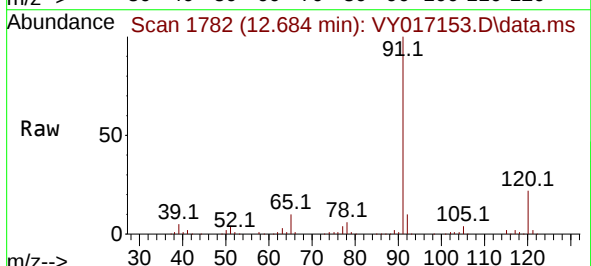
RT: 12.684 min Scan# 1782

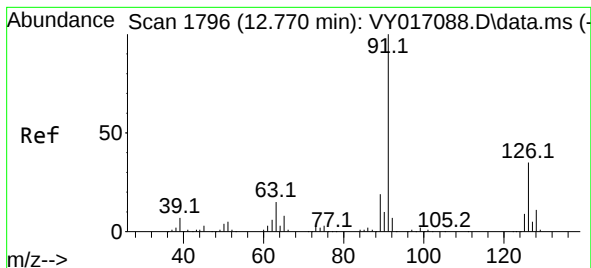
Delta R.T. 0.006 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Tgt Ion:	91	Resp:	140229
Ion Ratio	Lower	Upper	
91	100		
120	21.8	11.0	33.0





#79

2-Chlorotoluene

Concen: 21.612 ug/l

RT: 12.769 min Scan# 1796

Delta R.T. 0.006 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBSD01

Tgt Ion: 91 Resp: 77170

Ion Ratio Lower Upper

91 100

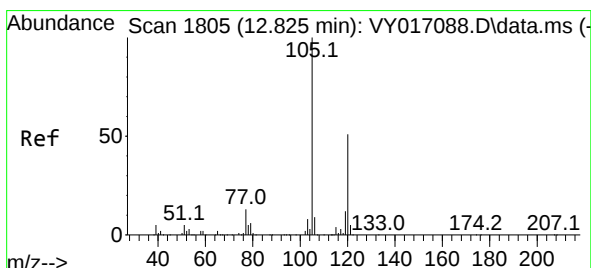
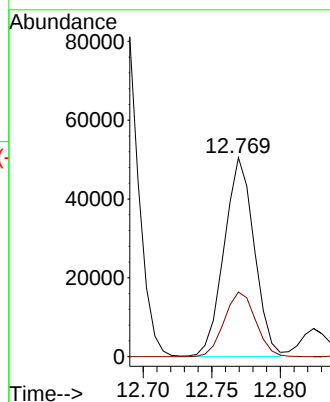
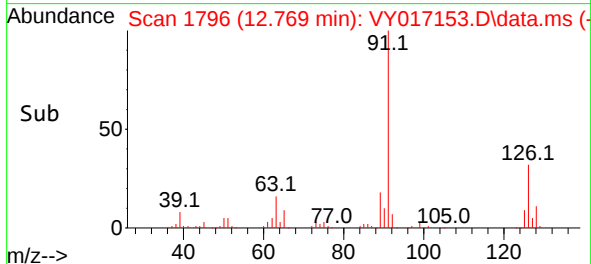
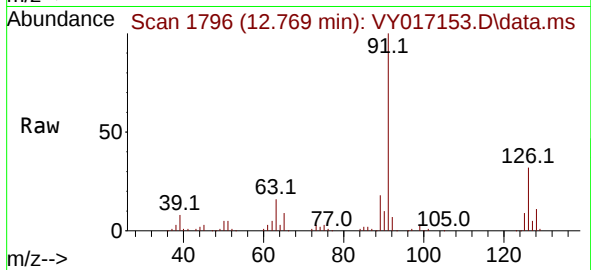
126 33.8 17.0 51.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024

Supervised By :Semsettin Yesilyurt 02/01/2024



#80

1,3,5-Trimethylbenzene

Concen: 21.464 ug/l

RT: 12.824 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VY017153.D

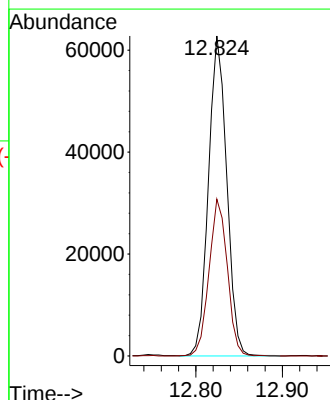
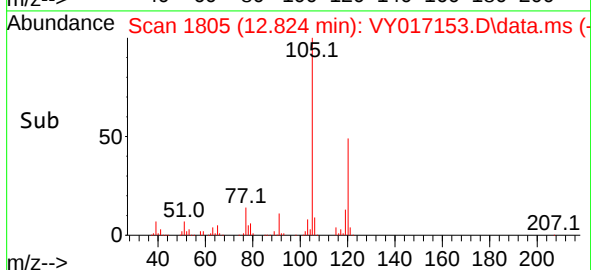
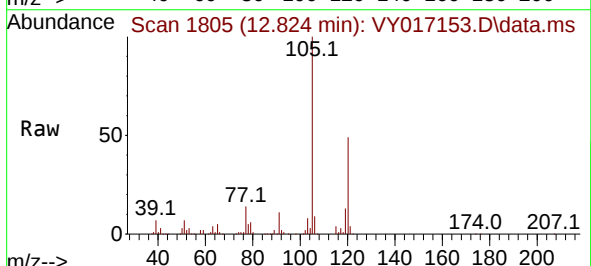
Acq: 31 Jan 2024 11:58

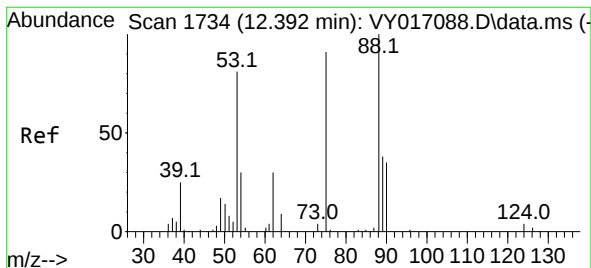
Tgt Ion:105 Resp: 91902

Ion Ratio Lower Upper

105 100

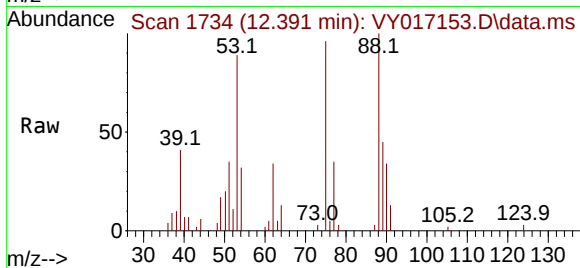
120 49.1 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 20.817 ug/l
RT: 12.391 min Scan# 1734
Delta R.T. 0.006 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

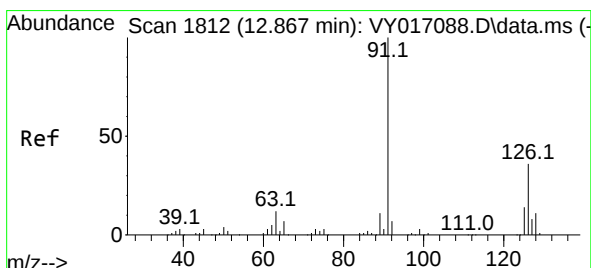
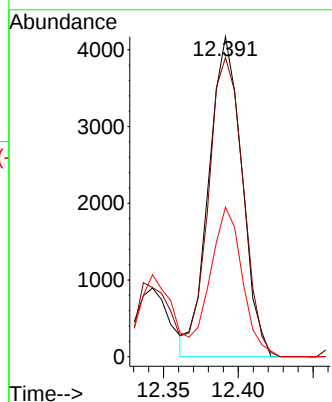
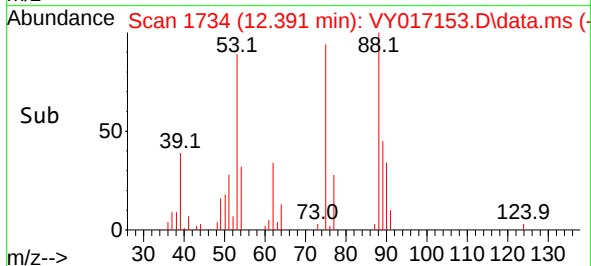
Instrument : MSVOA_Y
ClientSampleId : VY0131SBSD01



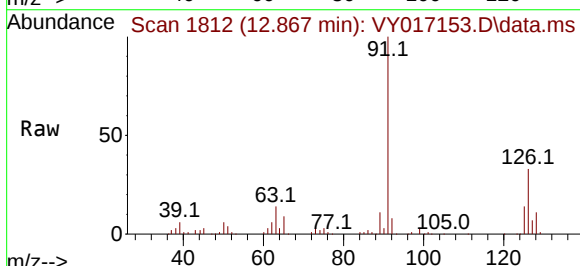
Tgt Ion: 75 Resp: 642
Ion Ratio Lower Upper
75 100
53 97.9 74.0 111.0
89 45.0 36.5 54.7

Manual Integrations
APPROVED

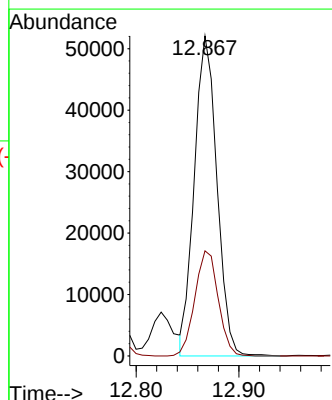
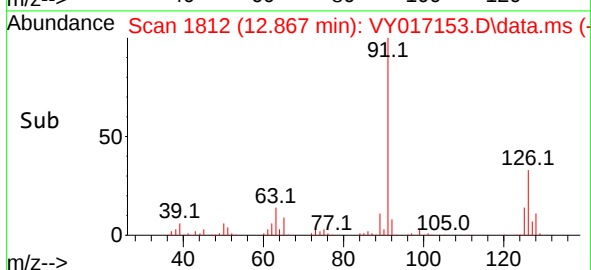
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024

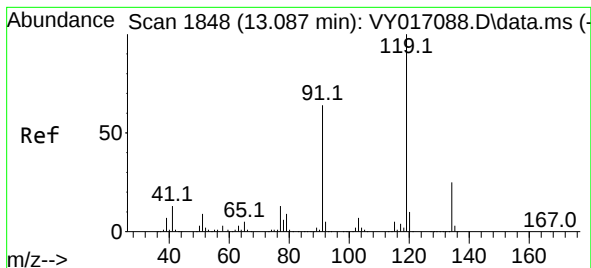


#82
4-Chlorotoluene
Concen: 21.552 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58



Tgt Ion: 91 Resp: 79759
Ion Ratio Lower Upper
91 100
126 33.9 17.1 51.2





#83

tert-Butylbenzene

Concen: 21.312 ug/l

RT: 13.086 min Scan# 1848

Delta R.T. -0.001 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

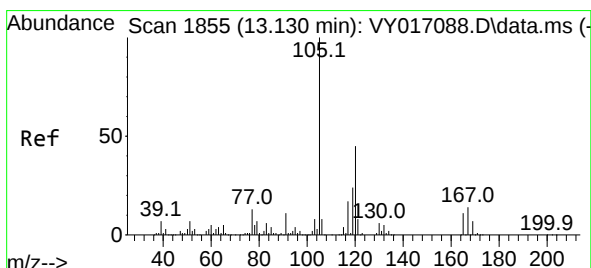
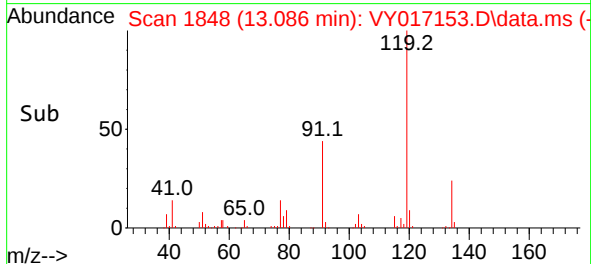
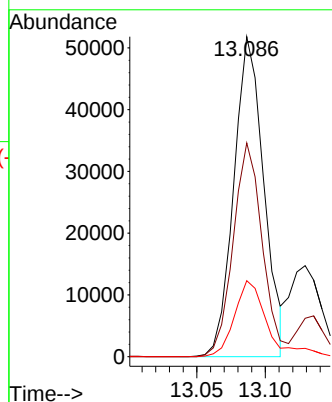
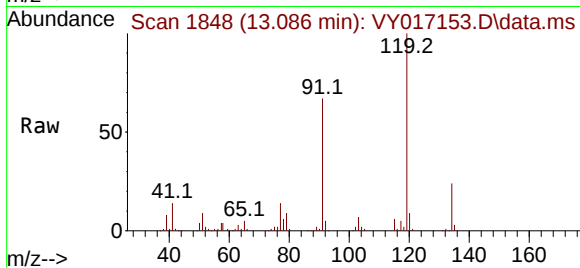
VY0131SBSD01

Tgt Ion:	119	Resp:	78929
Ion Ratio	Lower	Upper	
119	100		
91	65.1	31.5	94.5
134	25.8	13.1	39.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#84

1,2,4-Trimethylbenzene

Concen: 21.287 ug/l

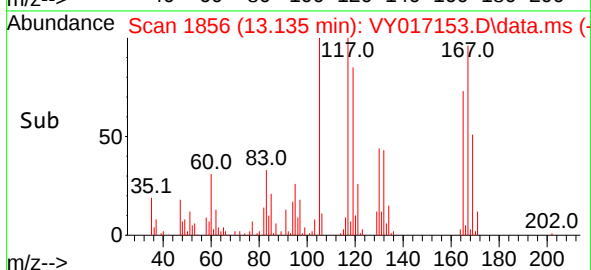
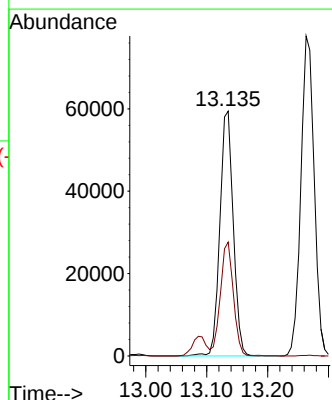
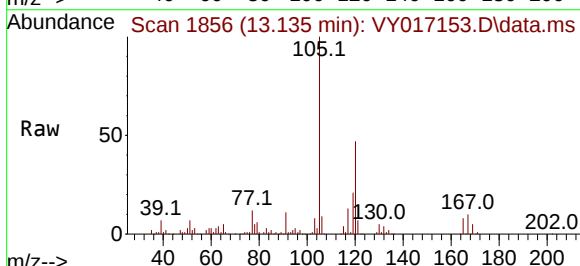
RT: 13.135 min Scan# 1856

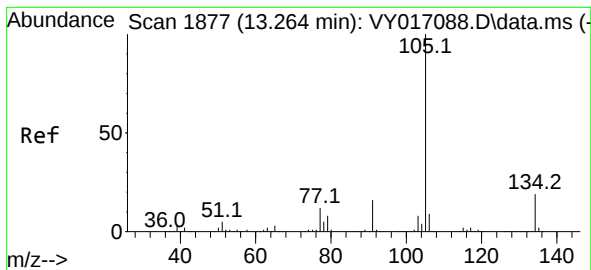
Delta R.T. 0.006 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Tgt Ion:	105	Resp:	90590
Ion Ratio	Lower	Upper	
105	100		
120	45.1	22.1	66.3





#85

sec-Butylbenzene

Concen: 21.463 ug/l

RT: 13.263 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBSD01

Tgt Ion:105 Resp: 117700

Ion Ratio Lower Upper

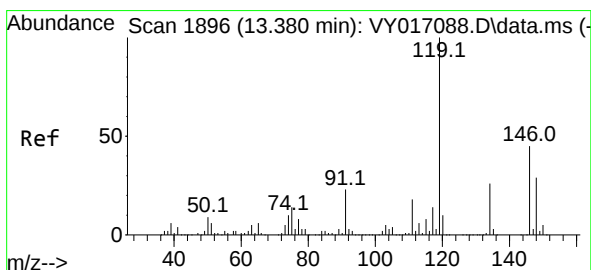
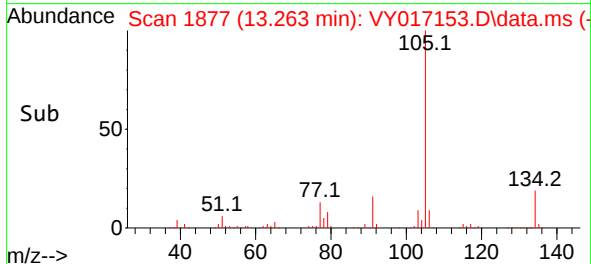
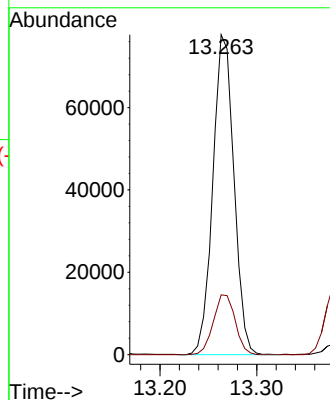
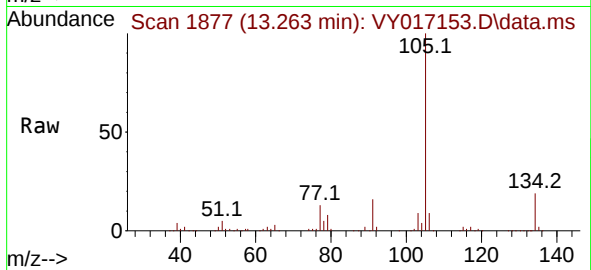
105 100

134 19.3 9.7 28.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#86

p-Isopropyltoluene

Concen: 21.134 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

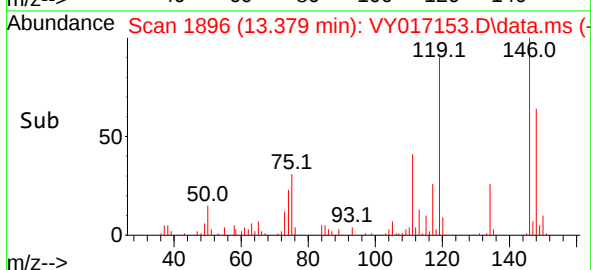
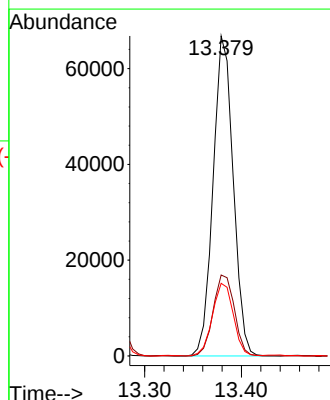
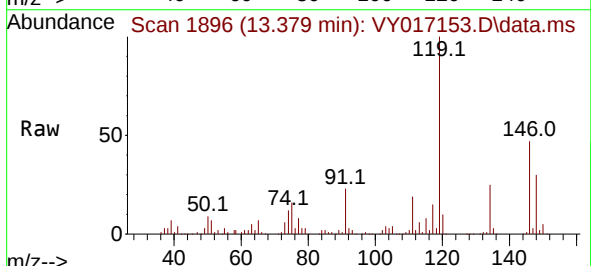
Tgt Ion:119 Resp: 96540

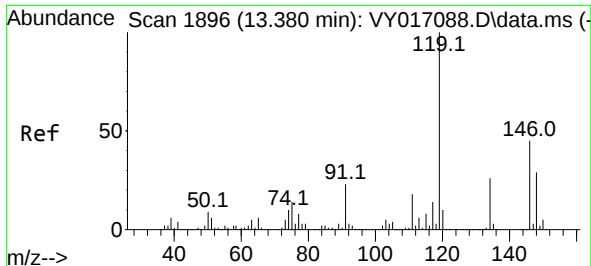
Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.1

91 23.7 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 21.076 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBS01

Tgt Ion:146 Resp: 4871

Ion Ratio Lower Upper

146 100

111 40.5 20.2 60.5

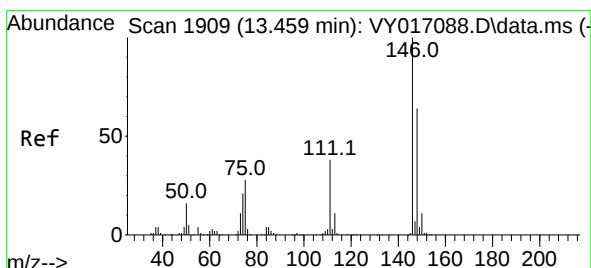
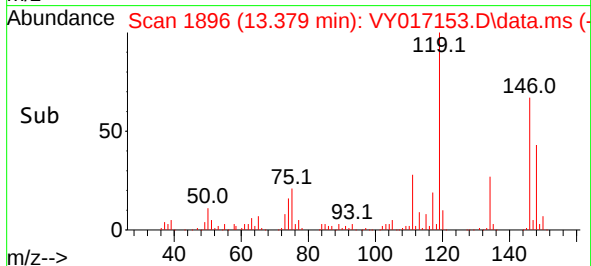
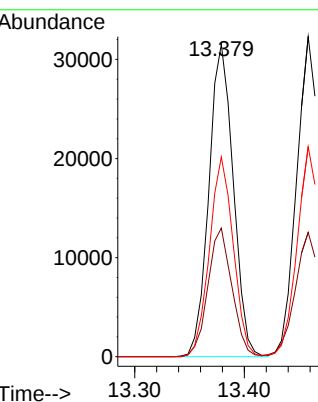
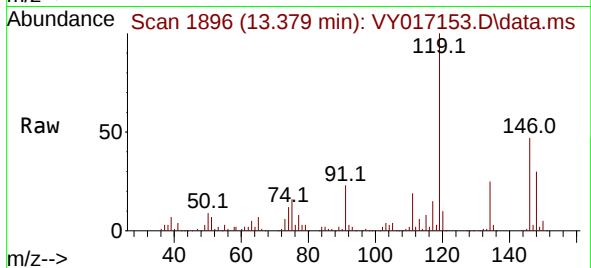
148 62.5 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024

Supervised By :Semsettin Yesilyurt 02/01/2024



#88

1,4-Dichlorobenzene

Concen: 21.290 ug/l

RT: 13.458 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

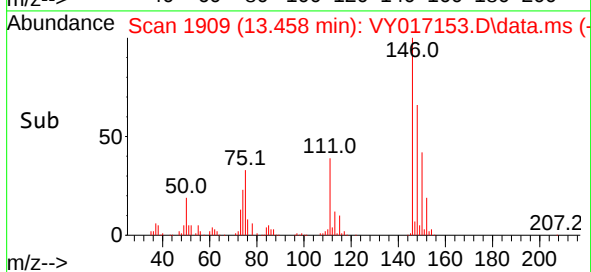
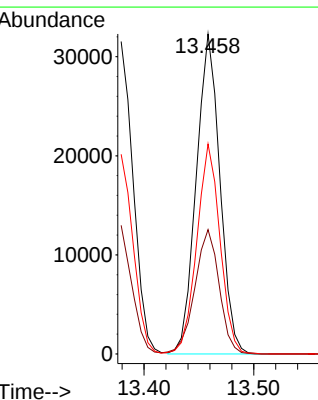
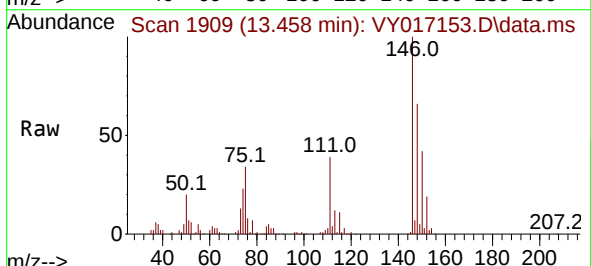
Tgt Ion:146 Resp: 48414

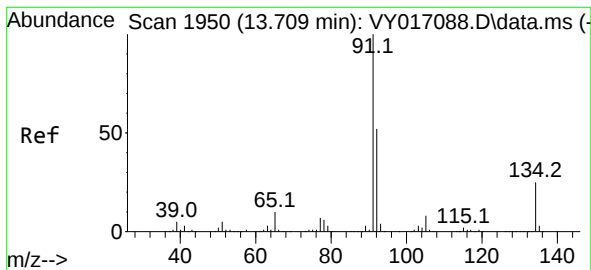
Ion Ratio Lower Upper

146 100

111 40.1 19.3 57.9

148 64.6 31.6 94.7





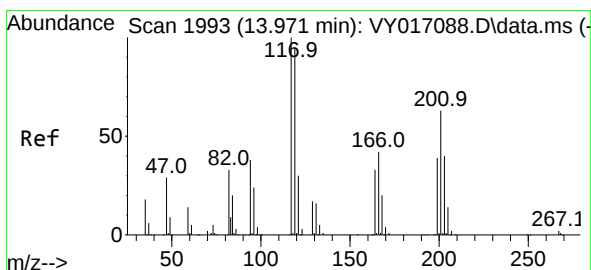
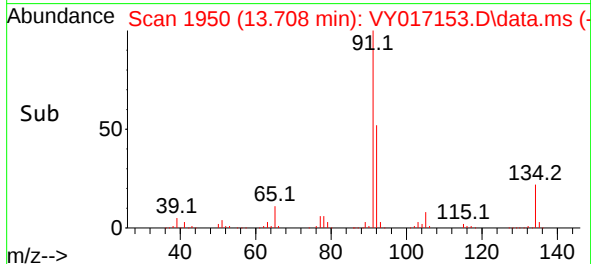
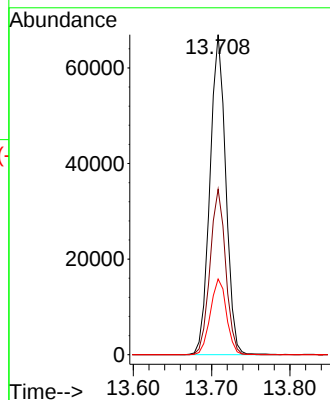
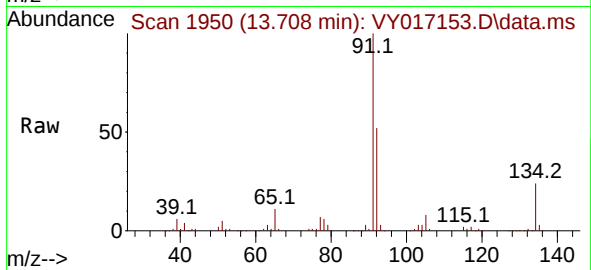
#89
n-Butylbenzene
Concen: 21.298 ug/l
RT: 13.708 min Scan# 1950
Delta R.T. 0.006 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01

Tgt Ion: 91 Resp: 9384
Ion Ratio Lower Upper
91 100
92 51.0 26.4 79.2
134 24.1 12.3 36.8

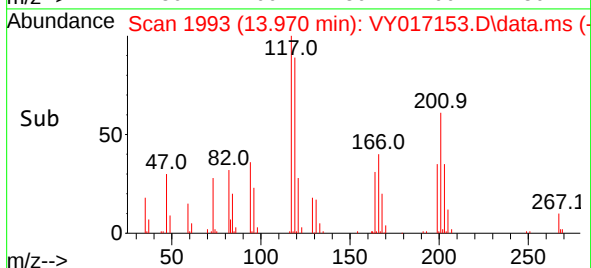
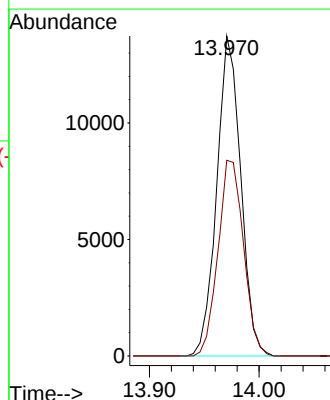
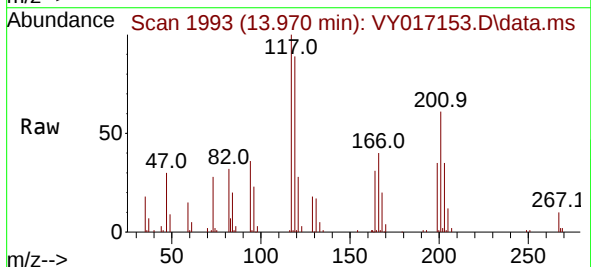
Manual Integrations
APPROVED

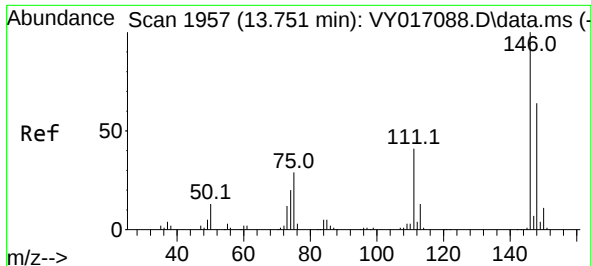
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#90
Hexachloroethane
Concen: 21.947 ug/l
RT: 13.970 min Scan# 1993
Delta R.T. -0.001 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

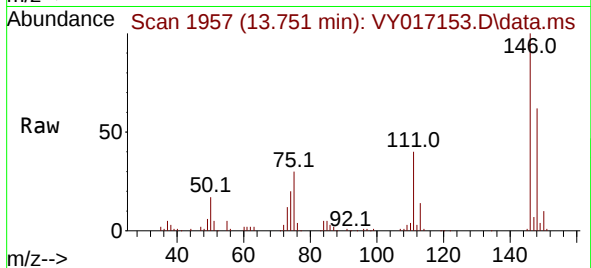
Tgt Ion:117 Resp: 20896
Ion Ratio Lower Upper
117 100
201 65.0 33.4 100.1





#91
1,2-Dichlorobenzene
Concen: 21.938 ug/l
RT: 13.751 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58

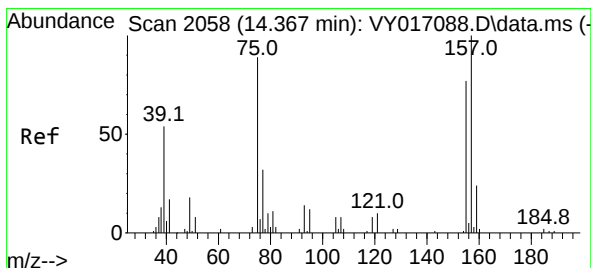
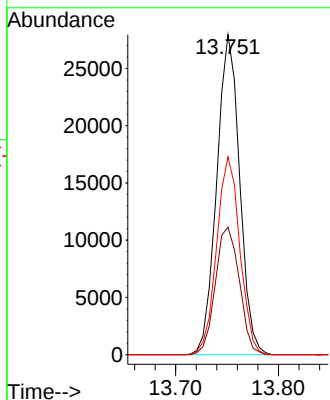
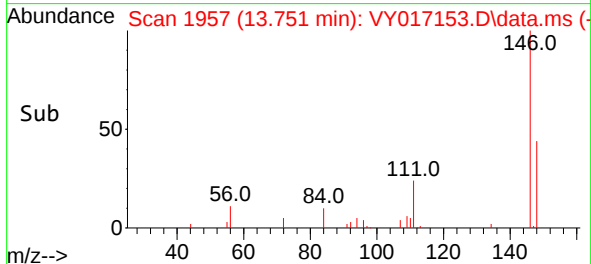
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBSD01



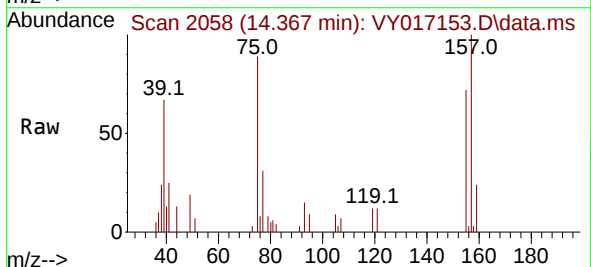
Tgt Ion:146 Resp: 43300
Ion Ratio Lower Upper
146 100
111 41.7 20.5 61.6
148 62.5 31.4 94.3

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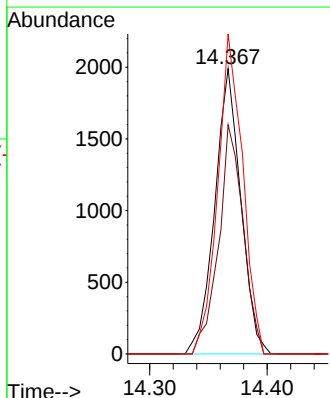
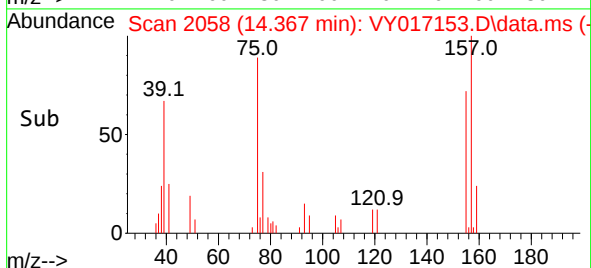
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024

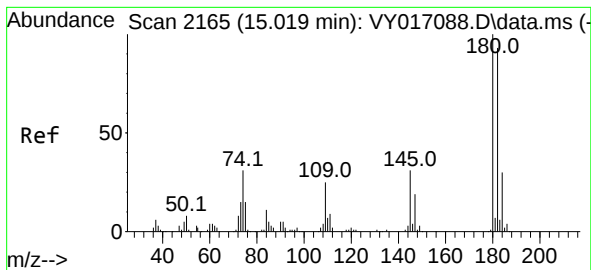


#92
1,2-Dibromo-3-Chloropropane
Concen: 23.255 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VY017153.D
Acq: 31 Jan 2024 11:58



Tgt Ion: 75 Resp: 3064
Ion Ratio Lower Upper
75 100
155 75.8 42.1 126.3
157 108.0 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 20.712 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

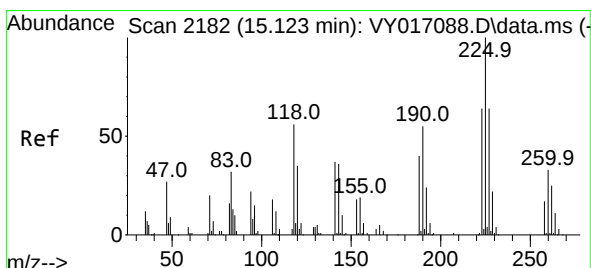
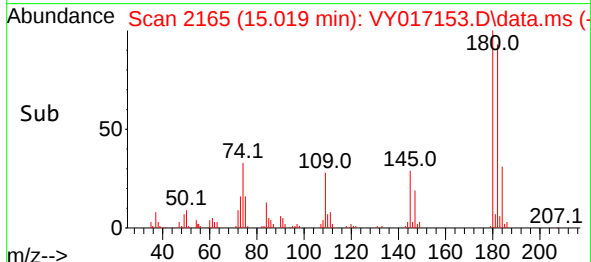
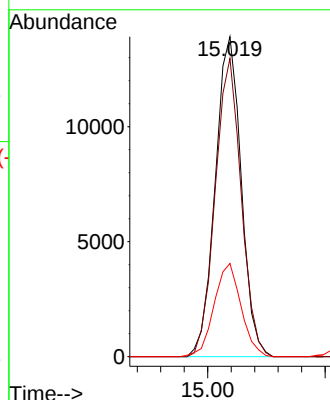
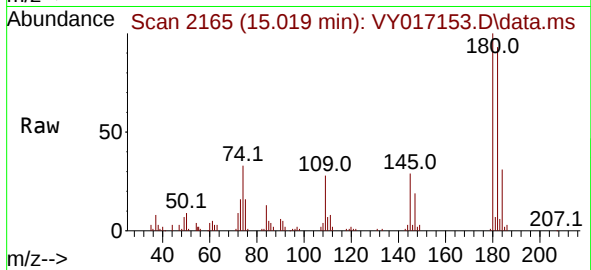
VY0131SBS01

Tgt Ion:180	Resp:	2136
Ion Ratio	Lower	Upper
180	100	
182	93.1	47.9 143.7
145	30.3	15.9 47.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#94

Hexachlorobutadiene

Concen: 20.780 ug/l

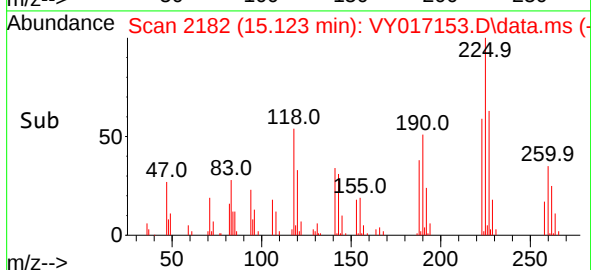
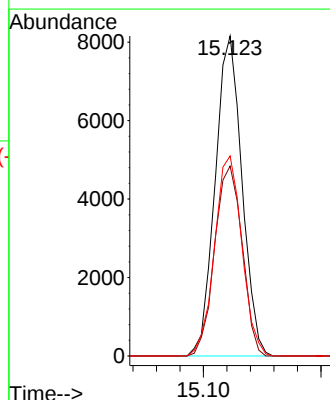
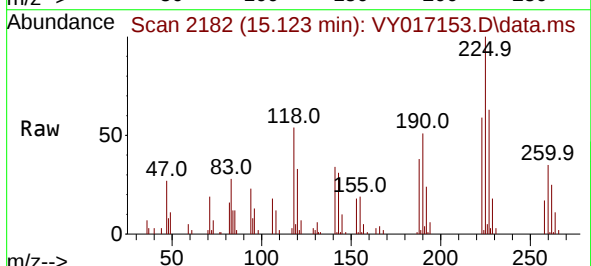
RT: 15.123 min Scan# 2182

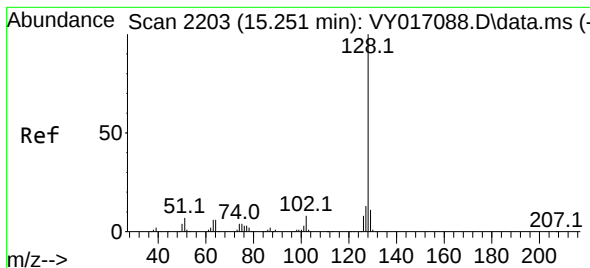
Delta R.T. -0.000 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Tgt Ion:225	Resp:	12899
Ion Ratio	Lower	Upper
225	100	
223	60.9	31.4 94.3
227	63.9	32.3 96.8





#95

Naphthalene

Concen: 20.763 ug/l

RT: 15.245 min Scan# 2203

Delta R.T. -0.000 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

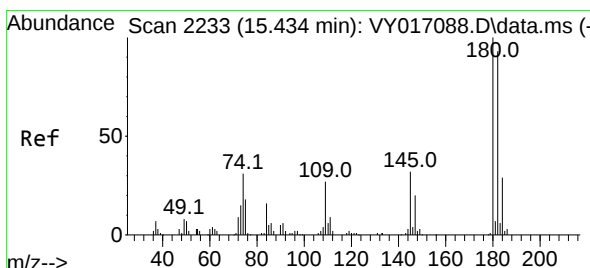
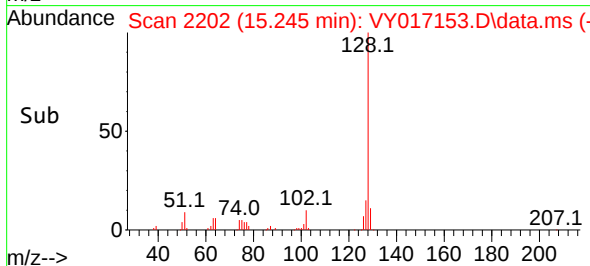
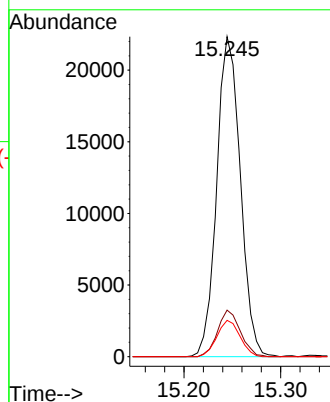
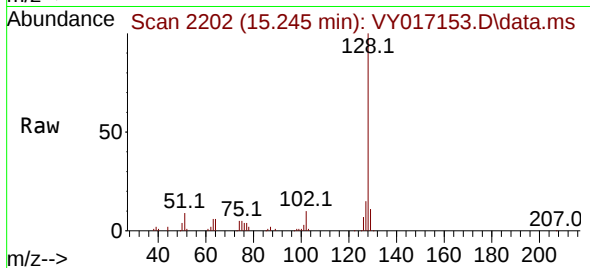
VY0131SBSD01

Tgt Ion:128	Resp:	3782
Ion Ratio	Lower	Upper
128	100	
127	14.1	10.2 15.4
129	11.1	8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#96

1,2,3-Trichlorobenzene

Concen: 21.209 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY017153.D

Acq: 31 Jan 2024 11:58

Tgt Ion:180	Resp:	18199
Ion Ratio	Lower	Upper
180	100	
182	94.6	46.3 138.8
145	32.3	16.1 48.2

