

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012224\
 Data File : VY017068.D
 Acq On : 22 Jan 2024 11:42
 Operator : SY/MD
 Sample : VY0122SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 23 01:43:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.819	168	144561	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	239532	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	202120	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	84702	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	57791	40.448	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.900%
35) Dibromofluoromethane	7.752	113	67850	44.451	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.900%
50) Toluene-d8	10.203	98	227294	43.244	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.480%
62) 4-Bromofluorobenzene	12.501	95	77044	43.445	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.900%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	19754	16.103	ug/l	97
3) Chloromethane	2.131	50	25894	15.248	ug/l	96
4) Vinyl Chloride	2.272	62	33412	16.680	ug/l	98
5) Bromomethane	2.668	94	24351	16.969	ug/l	95
6) Chloroethane	2.814	64	23336	17.222	ug/l	100
7) Trichlorofluoromethane	3.149	101	46557	18.864	ug/l	100
8) Diethyl Ether	3.558	74	13529	17.152	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.930	101	31059	19.354	ug/l	99
10) Methyl Iodide	4.131	142	22867	16.749	ug/l	99
11) Tert butyl alcohol	4.991	59	11713	91.660	ug/l #	94
12) 1,1-Dichloroethene	3.905	96	24274	17.630	ug/l	97
13) Acrolein	3.759	56	12945	77.659	ug/l	99
14) Allyl chloride	4.521	41	38496	17.685	ug/l	98
15) Acrylonitrile	5.204	53	33065	89.623	ug/l	100
16) Acetone	3.979	43	41601	104.044	ug/l	90
17) Carbon Disulfide	4.235	76	42322	12.864	ug/l	99
18) Methyl Acetate	4.515	43	23582	15.405	ug/l	99
19) Methyl tert-butyl Ether	5.259	73	65969	18.416	ug/l	99
20) Methylene Chloride	4.759	84	34032	12.778	ug/l	99
21) trans-1,2-Dichloroethene	5.259	96	27769	17.609	ug/l	98
22) Diisopropyl ether	6.155	45	96838	19.243	ug/l	96
23) Vinyl Acetate	6.100	43	214687	93.041	ug/l	99
24) 1,1-Dichloroethane	6.057	63	58565	19.366	ug/l	98
25) 2-Butanone	7.021	43	49562	95.661	ug/l	96
26) 2,2-Dichloropropane	7.021	77	52095	19.868	ug/l	98
27) cis-1,2-Dichloroethene	7.021	96	35644	19.282	ug/l	99
28) Bromochloromethane	7.368	49	18275	16.097	ug/l	96
29) Tetrahydrofuran	7.380	42	23973	82.900	ug/l	99
30) Chloroform	7.539	83	60597	19.445	ug/l	95
31) Cyclohexane	7.819	56	42125	17.178	ug/l	95
32) 1,1,1-Trichloroethane	7.740	97	52611	19.910	ug/l	99
36) 1,1-Dichloropropene	7.953	75	40904	18.388	ug/l	99
37) Ethyl Acetate	7.112	43	18194	17.998	ug/l	98
38) Carbon Tetrachloride	7.935	117	45177	19.989	ug/l	96
39) Methylcyclohexane	9.215	83	43908	17.558	ug/l	97
40) Benzene	8.191	78	125224	18.766	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	8187	15.377	ug/l #	69
42) 1,2-Dichloroethane	8.270	62	32850	18.543	ug/l	100
43) Isopropyl Acetate	8.301	43	33783	17.451	ug/l	99
44) Trichloroethene	8.972	130	32597	19.197	ug/l	93
45) 1,2-Dichloropropane	9.246	63	33436	19.449	ug/l	95
46) Dibromomethane	9.337	93	16238	18.520	ug/l	98
47) Bromodichloromethane	9.526	83	46042	19.556	ug/l	99
48) Methyl methacrylate	9.319	41	17252	16.513	ug/l	91
49) 1,4-Dioxane	9.325	88	3225	355.248	ug/l	98
51) 4-Methyl-2-Pentanone	10.093	43	90029	87.447	ug/l	100
52) Toluene	10.270	92	78689	19.539	ug/l	100
53) t-1,3-Dichloropropene	10.490	75	38976	18.482	ug/l	98
54) cis-1,3-Dichloropropene	9.953	75	48383	19.104	ug/l	97
55) 1,1,2-Trichloroethane	10.672	97	24708	19.290	ug/l	97
56) Ethyl methacrylate	10.532	69	18890	17.412	ug/l	98
57) 1,3-Dichloropropane	10.813	76	39610	18.522	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.807	63	35043	65.188	ug/l	100
59) 2-Hexanone	10.855	43	68150	89.900	ug/l	100
60) Dibromochloromethane	11.008	129	29124	19.717	ug/l	97
61) 1,2-Dibromoethane	11.118	107	20712	18.611	ug/l	95
64) Tetrachloroethene	10.746	164	25970	19.819	ug/l	98
65) Chlorobenzene	11.538	112	84598	20.092	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.611	131	33294	20.801	ug/l	99
67) Ethyl Benzene	11.617	91	151631	20.003	ug/l	99
68) m/p-Xylenes	11.727	106	111628	40.118	ug/l	100
69) o-Xylene	12.050	106	51674	19.810	ug/l	99
70) Styrene	12.069	104	77201	20.335	ug/l	99
71) Bromoform	12.233	173	15215	19.309	ug/l #	95
73) Isopropylbenzene	12.349	105	147122	21.270	ug/l	99
74) N-amyl acetate	12.166	43	25971	18.688	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.599	83	26958	19.128	ug/l	97
76) 1,2,3-Trichloropropane	12.654	75	32022	34.838	ug/l #	100
77) Bromobenzene	12.629	156	30319	19.909	ug/l	98
78) n-propylbenzene	12.690	91	178036	21.172	ug/l	100
79) 2-Chlorotoluene	12.776	91	97656	20.943	ug/l	100
80) 1,3,5-Trimethylbenzene	12.831	105	116846	21.360	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.398	75	7548	18.647	ug/l	96
82) 4-Chlorotoluene	12.873	91	98945	20.770	ug/l	100
83) tert-Butylbenzene	13.093	119	104541	21.697	ug/l	98
84) 1,2,4-Trimethylbenzene	13.142	105	113368	21.044	ug/l	97
85) sec-Butylbenzene	13.276	105	157108	22.006	ug/l	100
86) p-Isopropyltoluene	13.392	119	126713	21.506	ug/l	99
87) 1,3-Dichlorobenzene	13.385	146	61135	20.469	ug/l	100
88) 1,4-Dichlorobenzene	13.465	146	60561	20.731	ug/l	99
89) n-Butylbenzene	13.715	91	120768	21.318	ug/l	100
90) Hexachloroethane	13.983	117	26462	20.900	ug/l	100
91) 1,2-Dichlorobenzene	13.757	146	53169	20.600	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.379	75	2886	16.330	ug/l	94
93) 1,2,4-Trichlorobenzene	15.025	180	25335	19.767	ug/l	98
94) Hexachlorobutadiene	15.129	225	16664	20.754	ug/l	99
95) Naphthalene	15.257	128	41458	19.392	ug/l	99
96) 1,2,3-Trichlorobenzene	15.446	180	20864	19.171	ug/l	99

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ClientSampleId :

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Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration

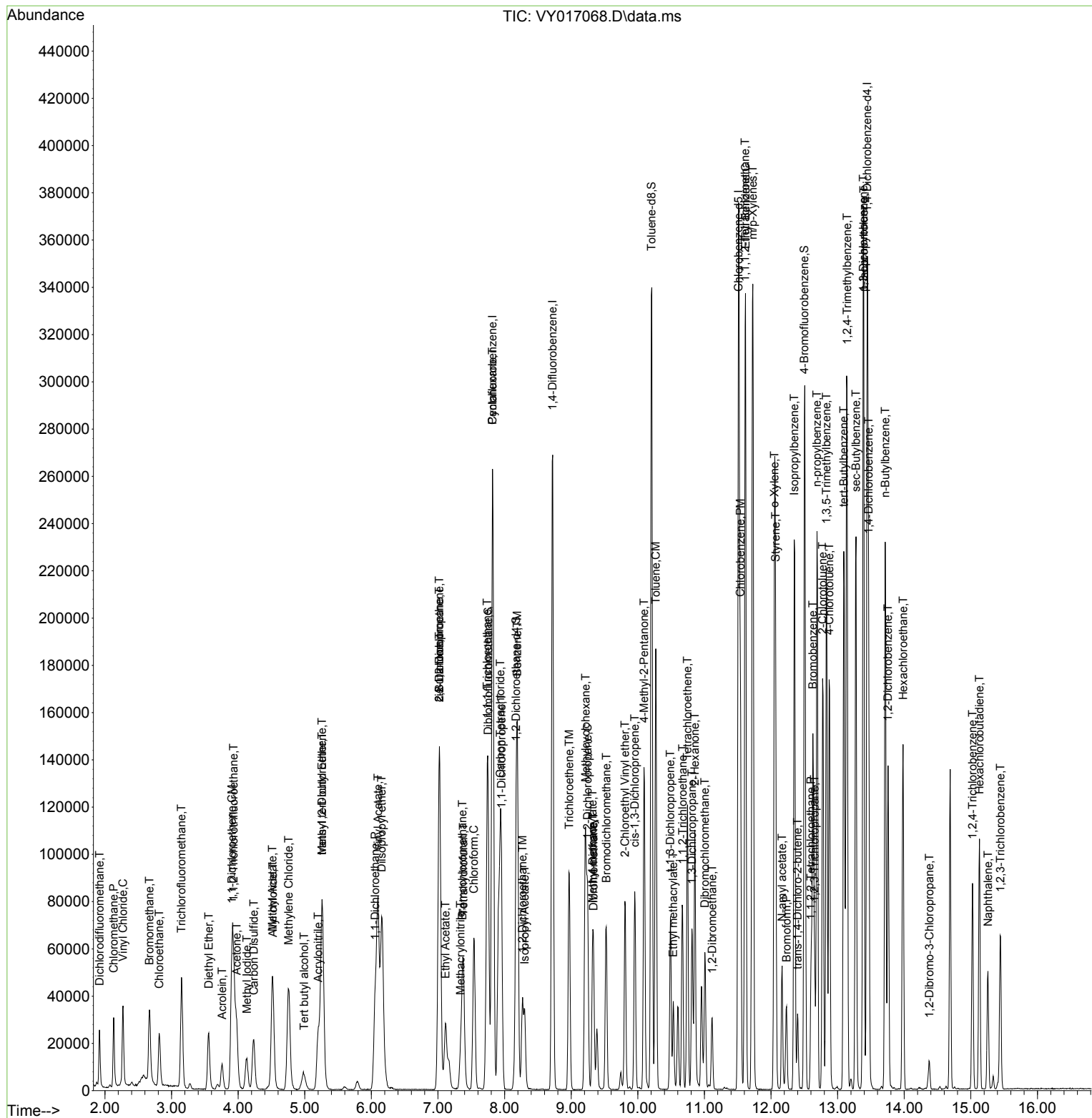
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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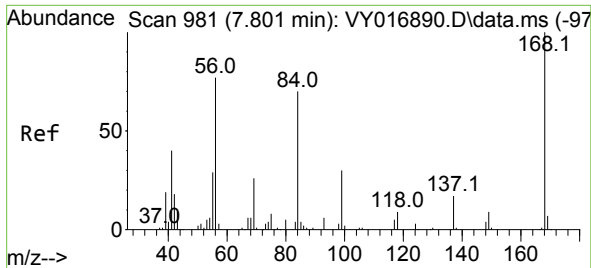
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Sample : VY0122SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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 Quant Title : SW846 8260
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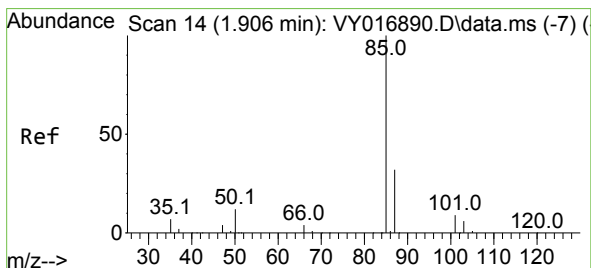
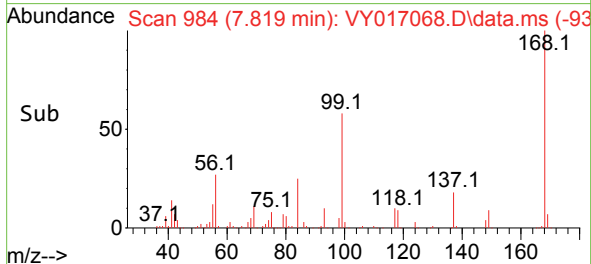
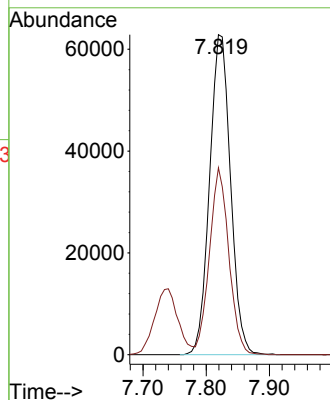
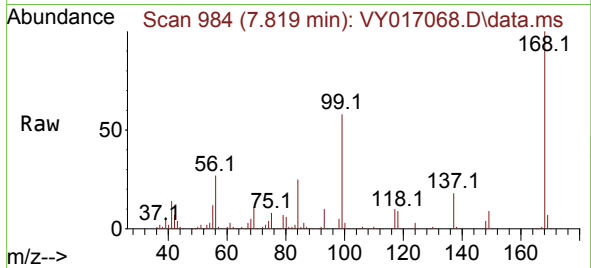




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
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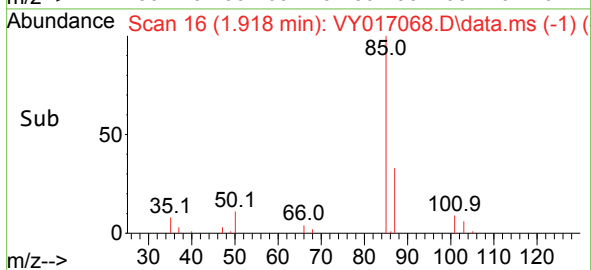
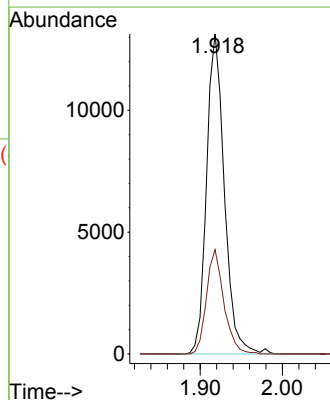
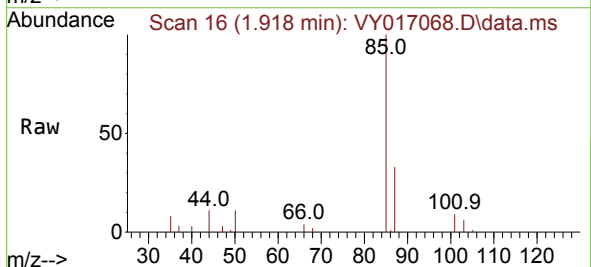
Instrument :
MSVOA_Y
ClientSampleId :

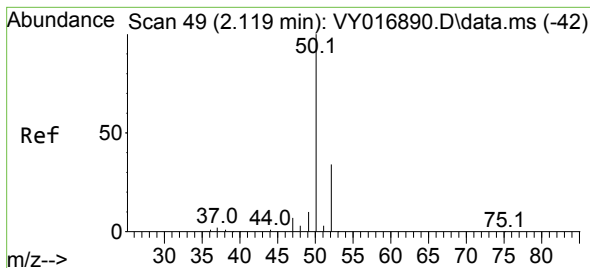
Tgt Ion:168 Resp: 144561
Ion Ratio Lower Upper
168 100
99 58.4 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 16.103 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.006 min
Lab File: VY017068.D
Acq: 22 Jan 2024 11:42

Tgt Ion: 85 Resp: 19754
Ion Ratio Lower Upper
85 100
87 32.6 17.1 51.3





#3

Chloromethane

Concen: 15.248 ug/l

RT: 2.131 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY017068.D

Acq: 22 Jan 2024 11:42

Instrument :

MSVOA_Y

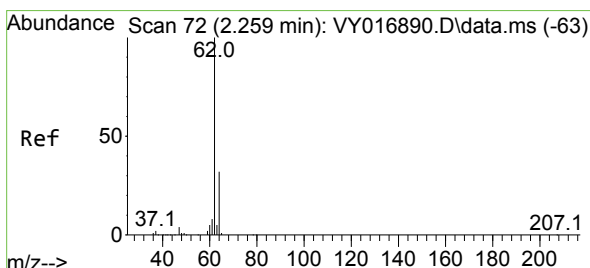
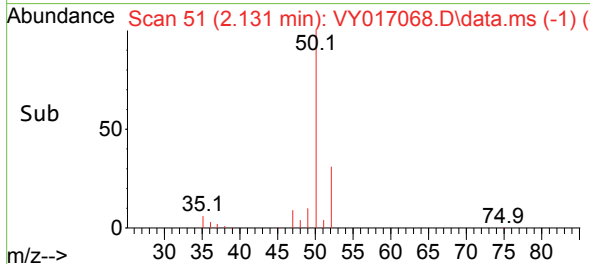
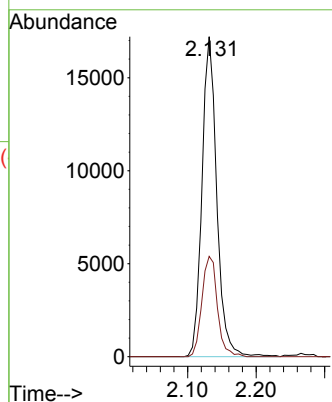
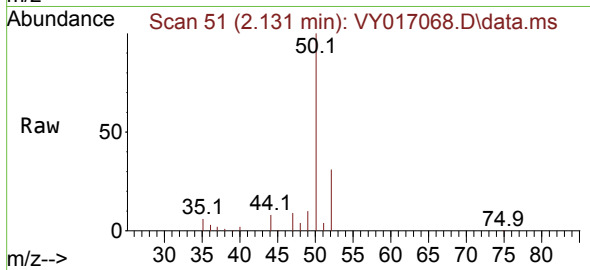
ClientSampleId :

Tgt Ion: 50 Resp: 25894

Ion Ratio Lower Upper

50 100

52 31.4 26.7 40.1



#4

Vinyl Chloride

Concen: 16.680 ug/l

RT: 2.272 min Scan# 74

Delta R.T. 0.013 min

Lab File: VY017068.D

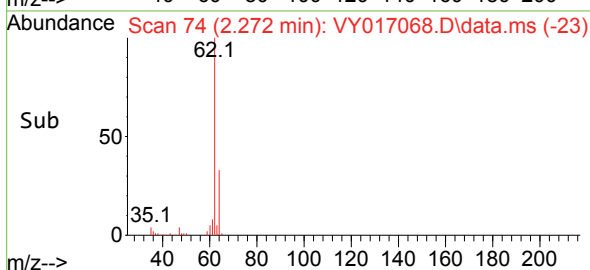
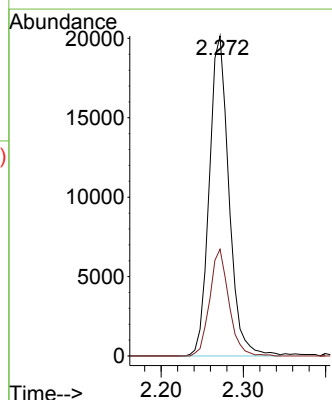
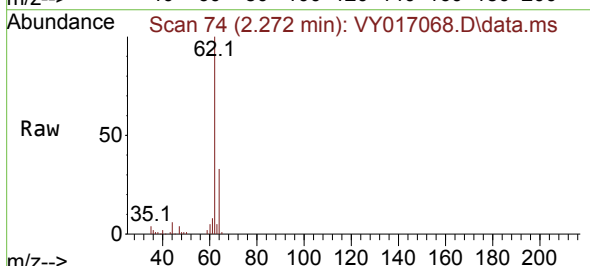
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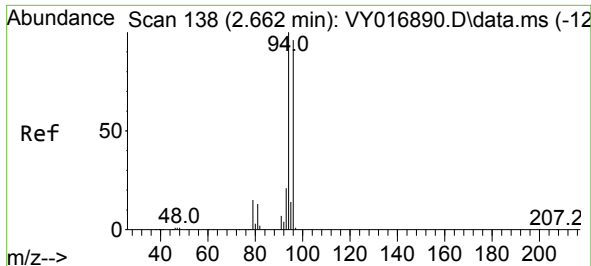
Tgt Ion: 62 Resp: 33412

Ion Ratio Lower Upper

62 100

64 33.4 25.7 38.5

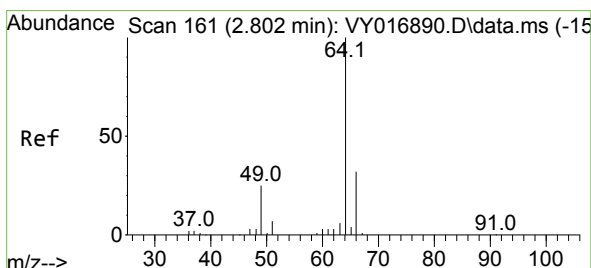
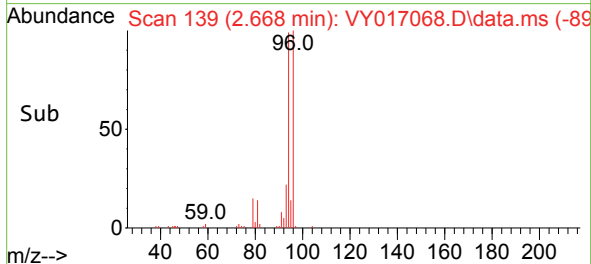
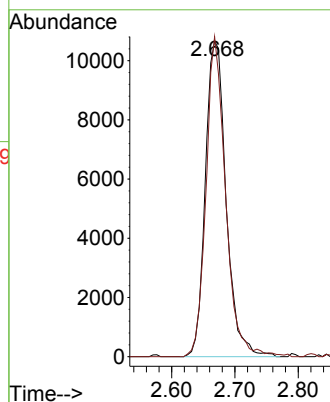
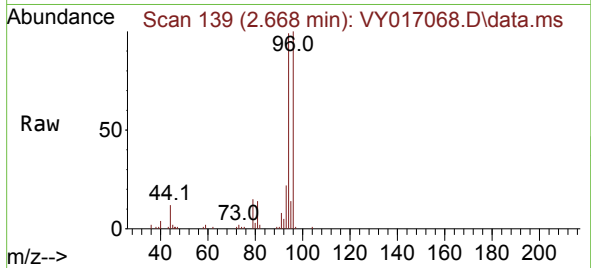




#5
Bromomethane
Concen: 16.969 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017068.D
Acq: 22 Jan 2024 11:42

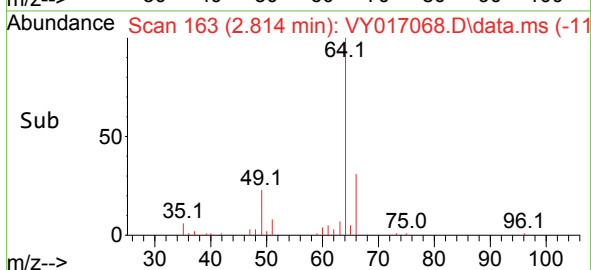
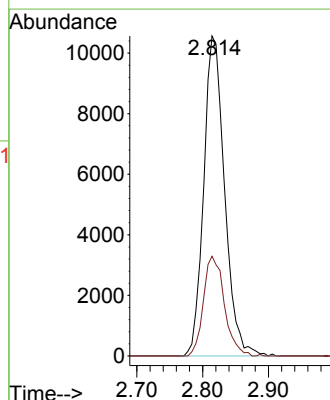
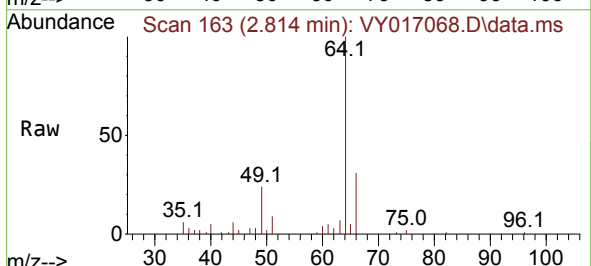
Instrument :
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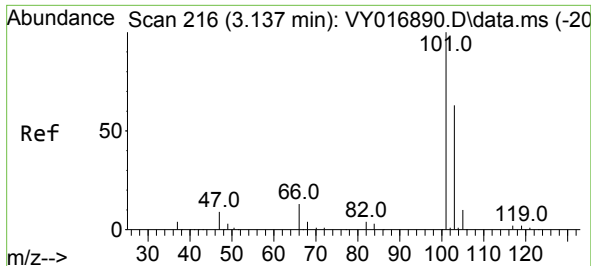
Tgt Ion: 94 Resp: 24351
Ion Ratio Lower Upper
94 100
96 101.5 77.3 115.9



#6
Chloroethane
Concen: 17.222 ug/l
RT: 2.814 min Scan# 163
Delta R.T. 0.006 min
Lab File: VY017068.D
Acq: 22 Jan 2024 11:42

Tgt Ion: 64 Resp: 23336
Ion Ratio Lower Upper
64 100
66 31.1 25.1 37.7

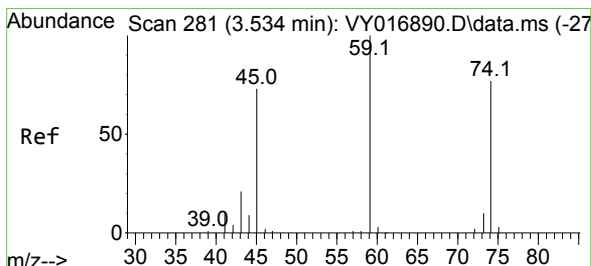
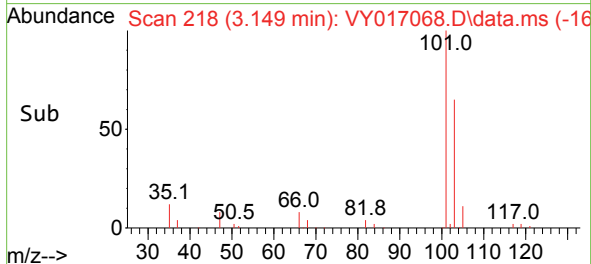
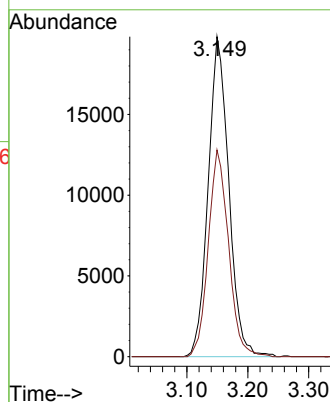
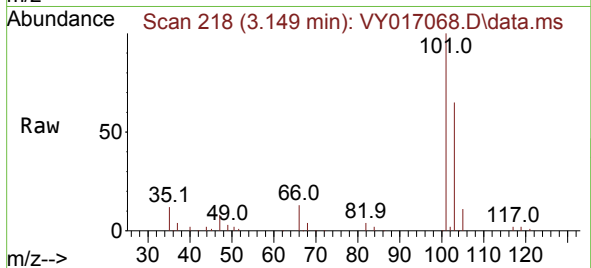




#7
 Trichlorofluoromethane
 Concen: 18.864 ug/l
 RT: 3.149 min Scan# 216
 Delta R.T. 0.012 min
 Lab File: VY017068.D
 Acq: 22 Jan 2024 11:42

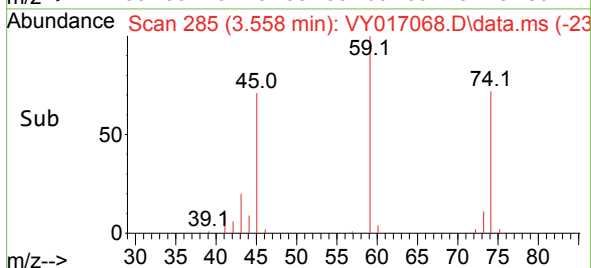
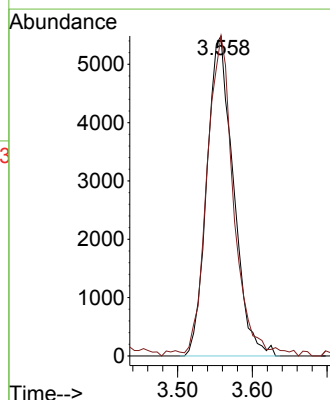
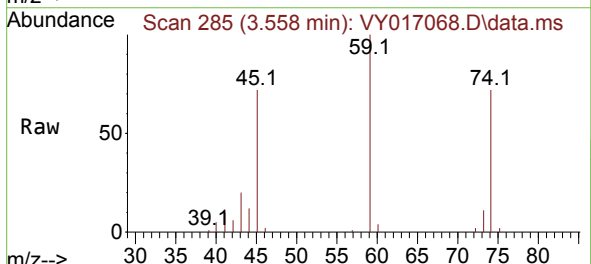
Instrument :
 MSVOA_Y
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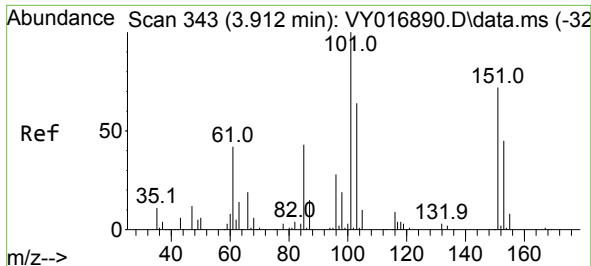
Tgt Ion:101 Resp: 46557
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.9 77.9



#8
 Diethyl Ether
 Concen: 17.152 ug/l
 RT: 3.558 min Scan# 285
 Delta R.T. 0.018 min
 Lab File: VY017068.D
 Acq: 22 Jan 2024 11:42

Tgt Ion: 74 Resp: 13529
 Ion Ratio Lower Upper
 74 100
 45 100.6 47.9 143.7

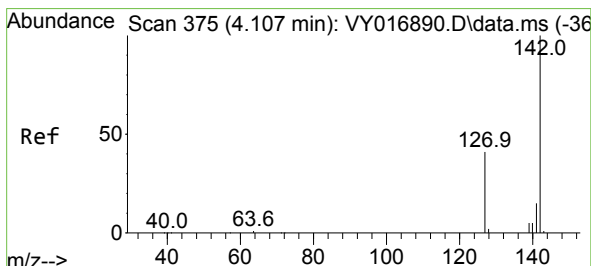
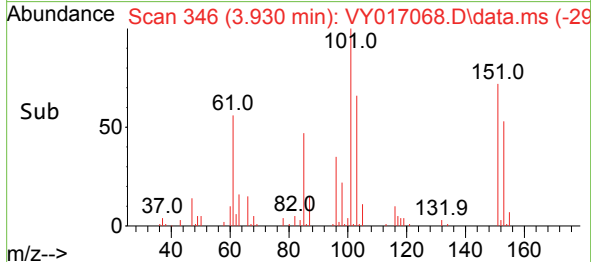
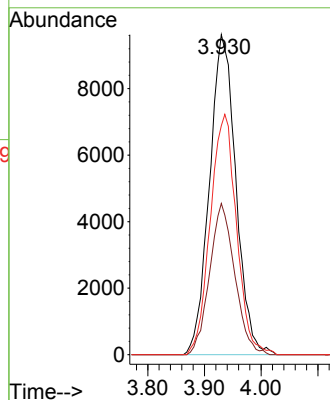
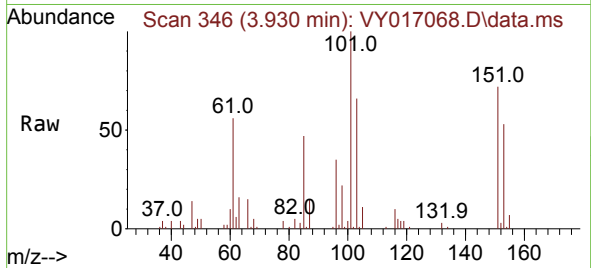




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.354 ug/l
RT: 3.930 min Scan# 343
Delta R.T. 0.019 min
Lab File: VY017068.D
Acq: 22 Jan 2024 11:42

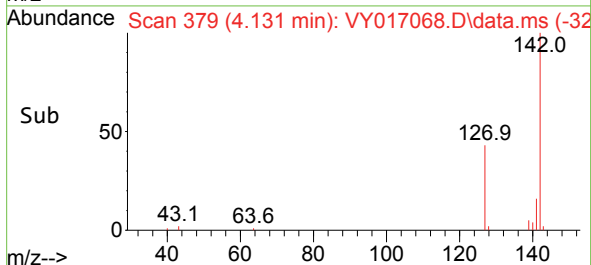
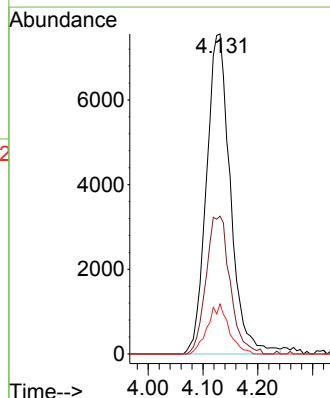
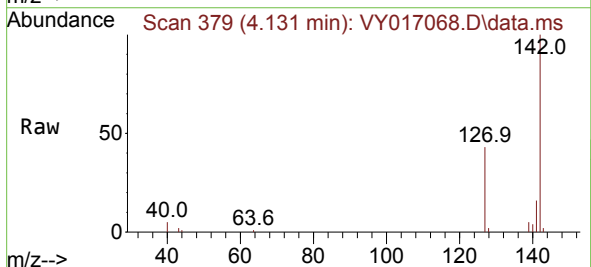
Instrument :
MSVOA_Y
ClientSampleId :

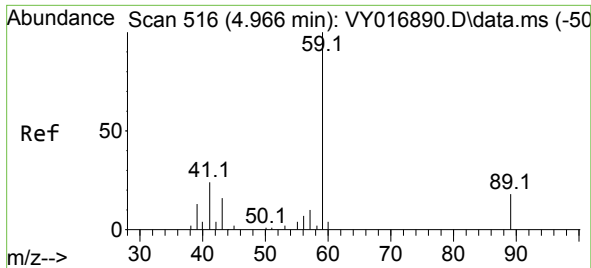
Tgt Ion:101 Resp: 31059
Ion Ratio Lower Upper
101 100
85 45.0 35.8 53.6
151 74.7 58.6 88.0



#10
Methyl Iodide
Concen: 16.749 ug/l
RT: 4.131 min Scan# 379
Delta R.T. 0.025 min
Lab File: VY017068.D
Acq: 22 Jan 2024 11:42

Tgt Ion:142 Resp: 22867
Ion Ratio Lower Upper
142 100
127 43.3 35.1 52.7
141 13.9 11.8 17.6

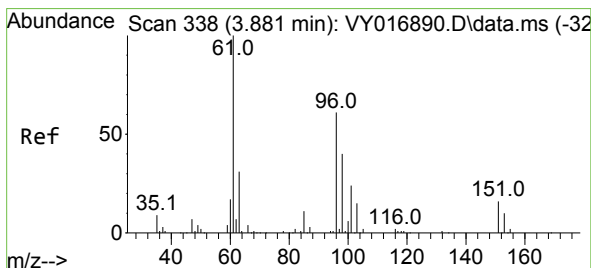
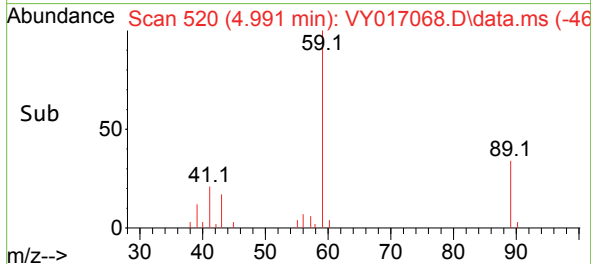
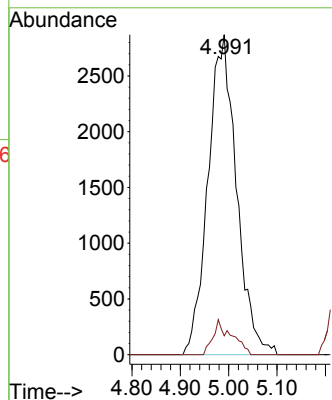
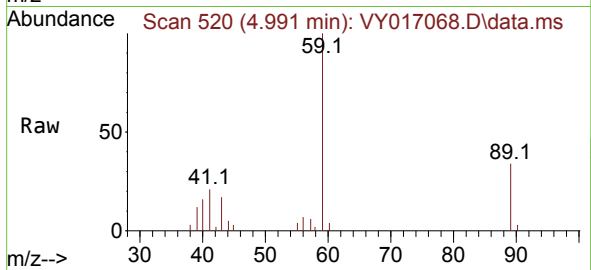




#11
Tert butyl alcohol
Concen: 91.660 ug/l
RT: 4.991 min Scan# 516
Delta R.T. 0.025 min
Lab File: VY017068.D
Acq: 22 Jan 2024 11:42

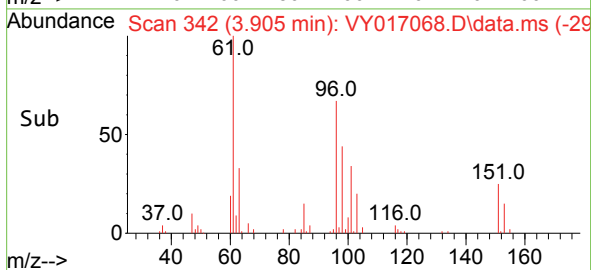
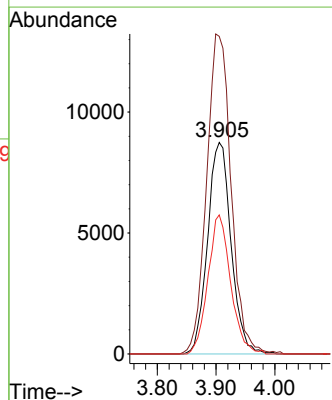
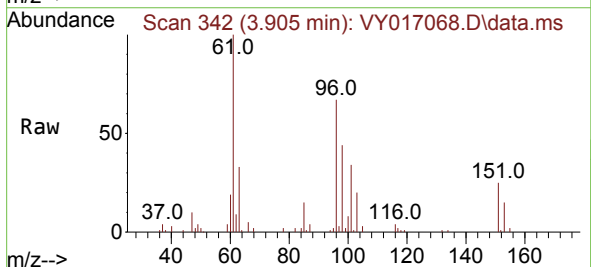
Instrument :
MSVOA_Y
ClientSampleId :

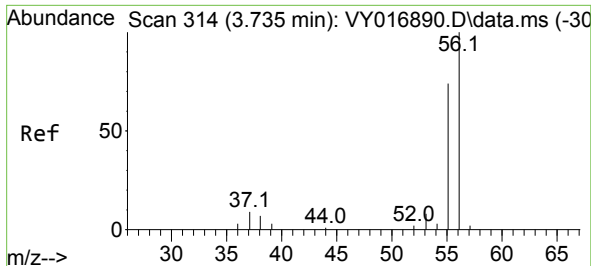
Tgt Ion: 59 Resp: 11713
Ion Ratio Lower Upper
59 100
57 7.2 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 17.630 ug/l
RT: 3.905 min Scan# 342
Delta R.T. 0.018 min
Lab File: VY017068.D
Acq: 22 Jan 2024 11:42

Tgt Ion: 96 Resp: 24274
Ion Ratio Lower Upper
96 100
61 150.1 124.2 186.2
98 65.7 52.6 79.0





#13

Acrolein

Concen: 77.659 ug/l

RT: 3.759 min Scan# 314

Delta R.T. 0.018 min

Lab File: VY017068.D

Acq: 22 Jan 2024 11:42

Instrument :

MSVOA_Y

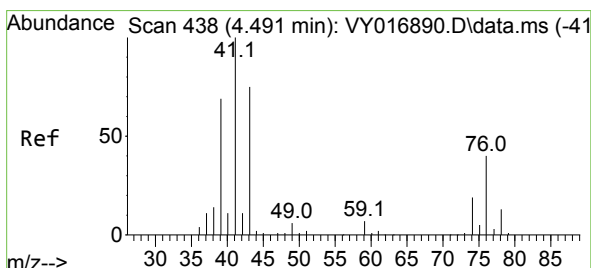
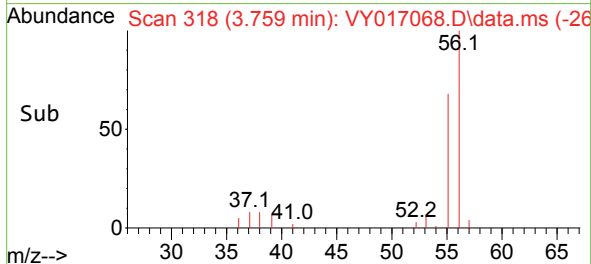
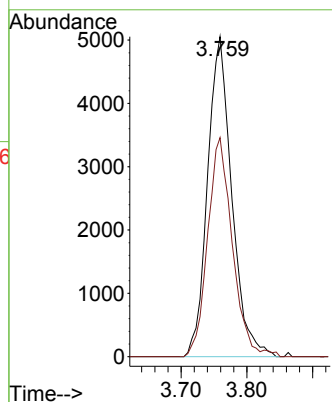
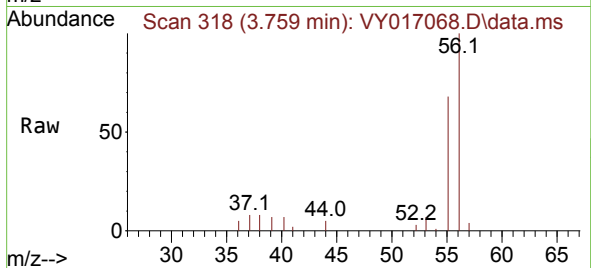
ClientSampleId :

Tgt Ion: 56 Resp: 12945

Ion Ratio Lower Upper

56 100

55 69.9 55.4 83.0



#14

Allyl chloride

Concen: 17.685 ug/l

RT: 4.521 min Scan# 443

Delta R.T. 0.024 min

Lab File: VY017068.D

Acq: 22 Jan 2024 11:42

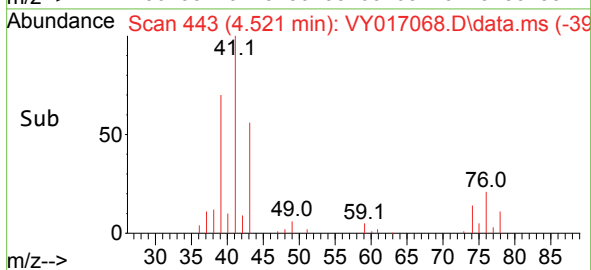
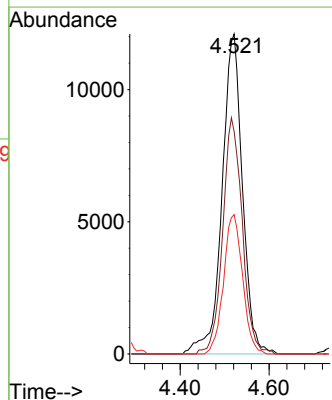
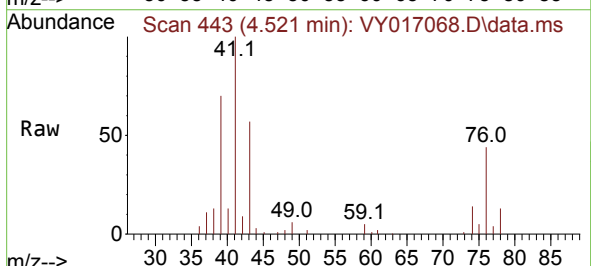
Tgt Ion: 41 Resp: 38496

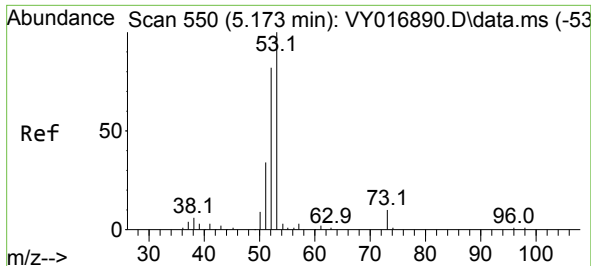
Ion Ratio Lower Upper

41 100

39 70.6 54.7 82.1

76 40.6 31.8 47.6





#15

Acrylonitrile

Concen: 89.623 ug/l

RT: 5.204 min Scan# 51

Delta R.T. 0.025 min

Lab File: VY017068.D

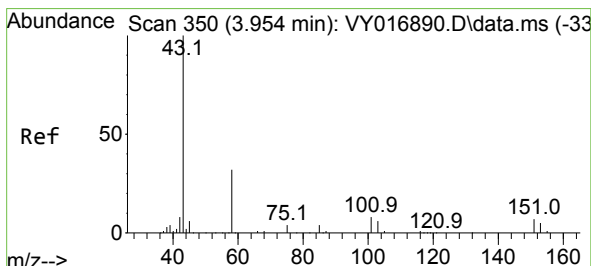
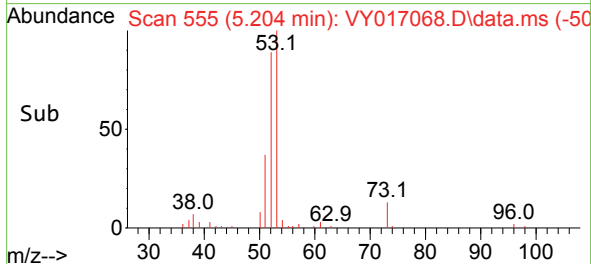
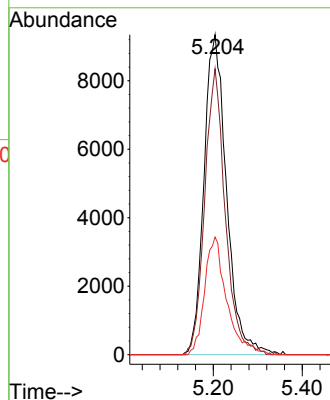
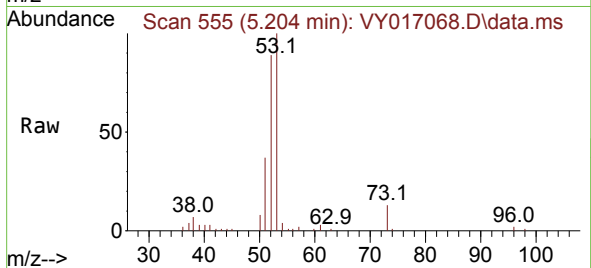
Acq: 22 Jan 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 53	Resp: 33065
Ion Ratio	Lower Upper
53	100
52	81.1 65.1 97.7
51	36.0 29.0 43.4



#16

Acetone

Concen: 104.044 ug/l

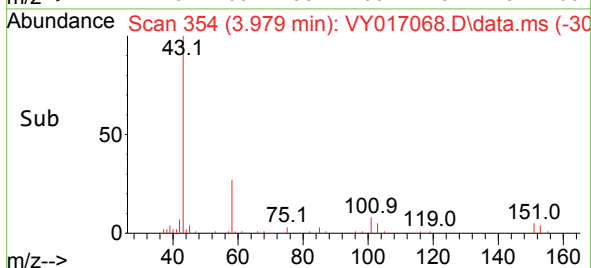
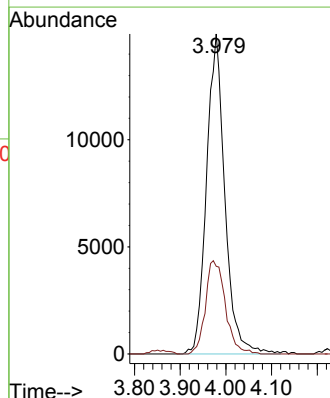
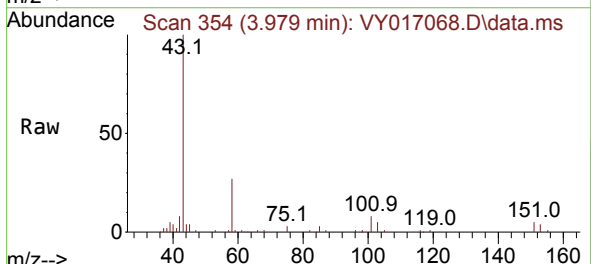
RT: 3.979 min Scan# 354

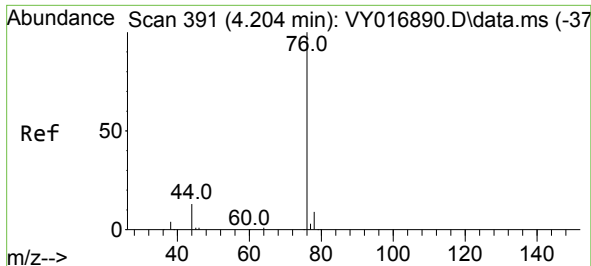
Delta R.T. 0.019 min

Lab File: VY017068.D

Acq: 22 Jan 2024 11:42

Tgt Ion: 43	Resp: 41601
Ion Ratio	Lower Upper
43	100
58	27.4 26.6 39.8

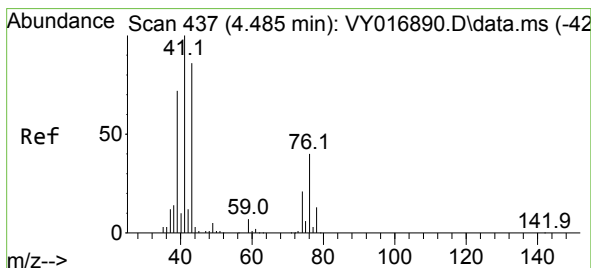
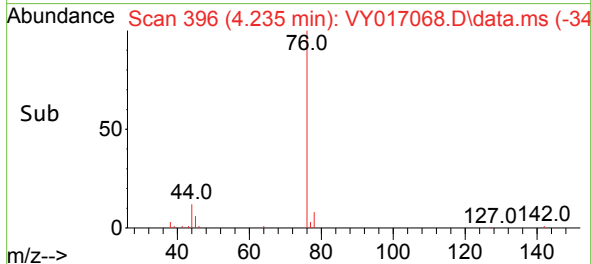
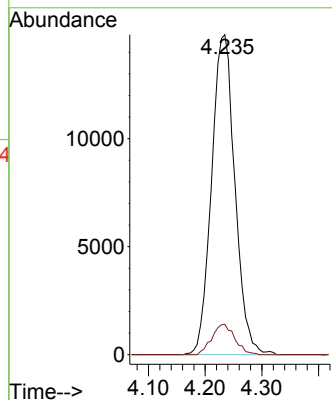
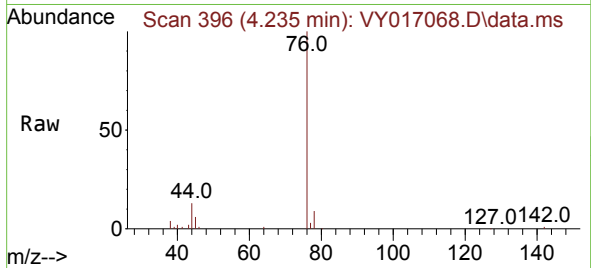




#17
Carbon Disulfide
Concen: 12.864 ug/l
RT: 4.235 min Scan# 391
Delta R.T. 0.025 min
Lab File: VY017068.D
Acq: 22 Jan 2024 11:42

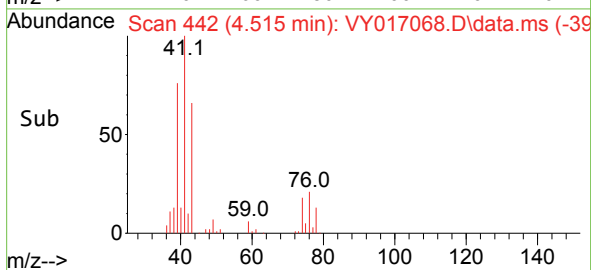
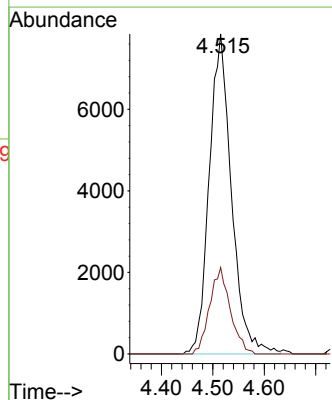
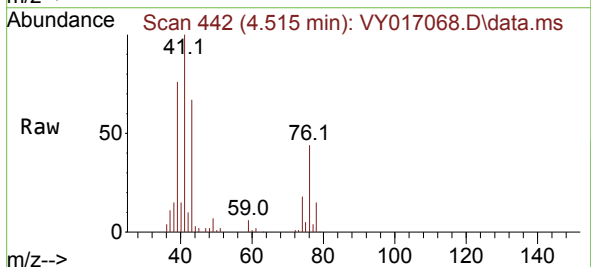
Instrument :
MSVOA_Y
ClientSampleId :

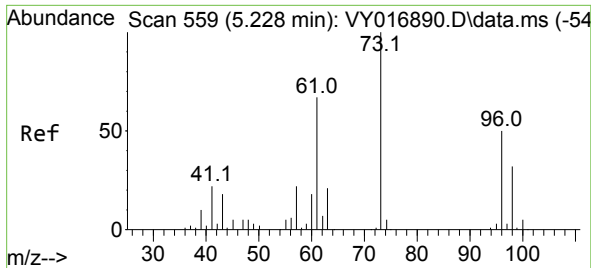
Tgt Ion: 76 Resp: 42322
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 15.405 ug/l
RT: 4.515 min Scan# 442
Delta R.T. 0.018 min
Lab File: VY017068.D
Acq: 22 Jan 2024 11:42

Tgt Ion: 43 Resp: 23582
Ion Ratio Lower Upper
43 100
74 25.0 19.8 29.6

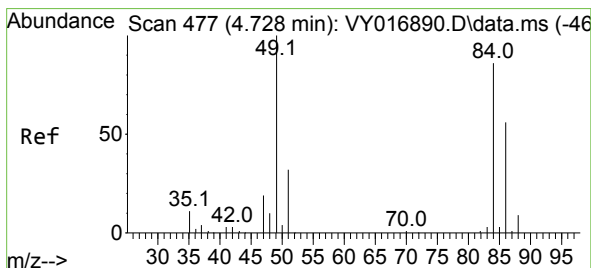
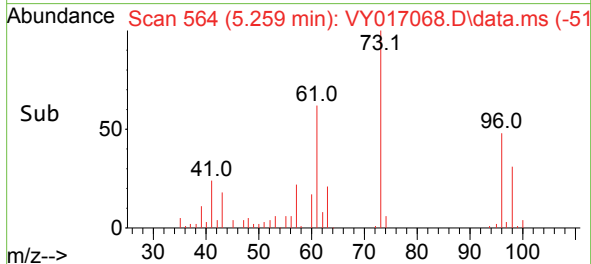
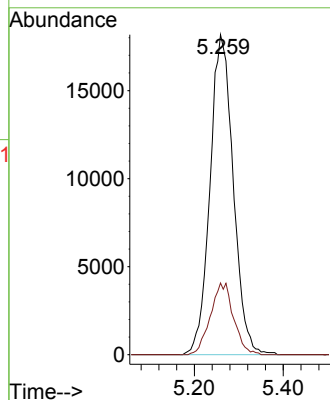
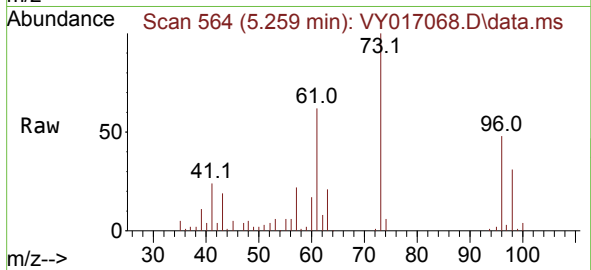




#19
Methyl tert-butyl Ether
Concen: 18.416 ug/l
RT: 5.259 min Scan# 51
Delta R.T. 0.025 min
Lab File: VY017068.D
Acq: 22 Jan 2024 11:42

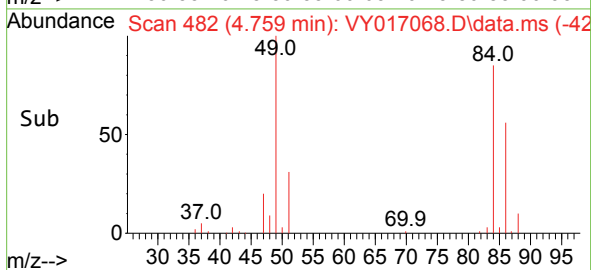
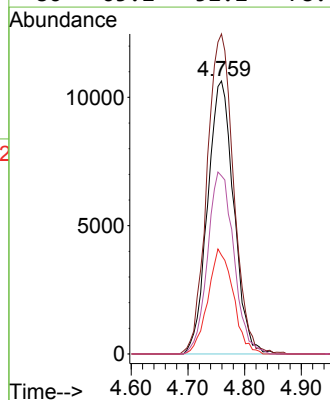
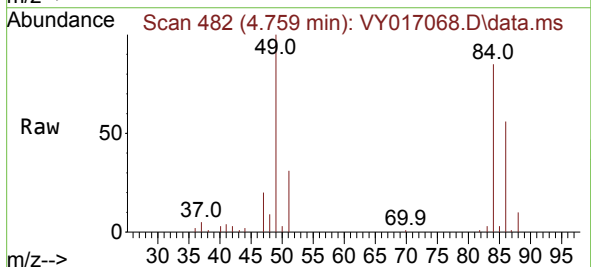
Instrument :
MSVOA_Y
ClientSampleId :

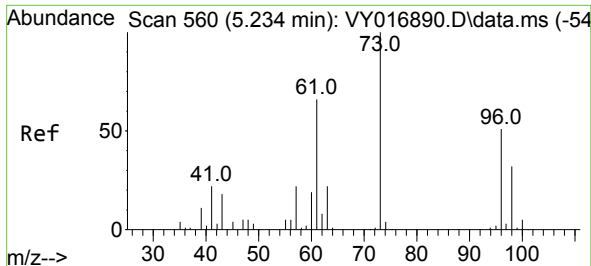
Tgt Ion: 73 Resp: 65969
Ion Ratio Lower Upper
73 100
57 22.4 17.7 26.5



#20
Methylene Chloride
Concen: 12.778 ug/l
RT: 4.759 min Scan# 482
Delta R.T. 0.025 min
Lab File: VY017068.D
Acq: 22 Jan 2024 11:42

Tgt Ion: 84 Resp: 34032
Ion Ratio Lower Upper
84 100
49 117.2 95.2 142.8
51 36.2 29.9 44.9
86 65.2 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 17.609 ug/l

RT: 5.259 min Scan# 5

Delta R.T. 0.019 min

Lab File: VY017068.D

Acq: 22 Jan 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

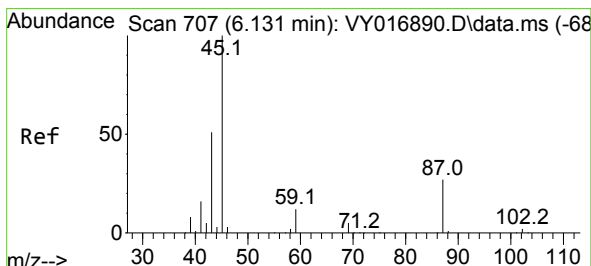
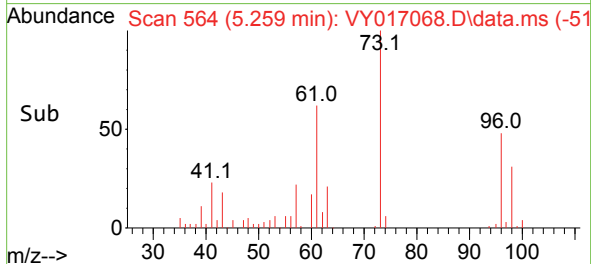
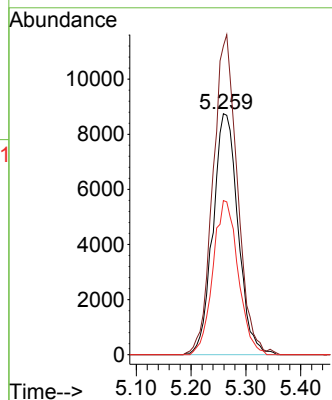
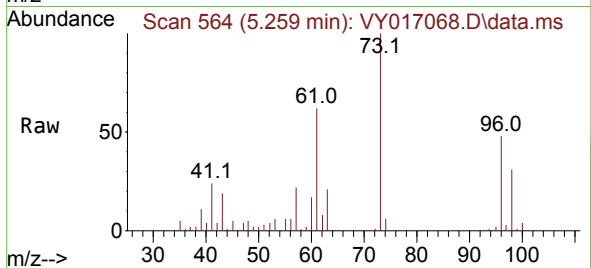
Tgt Ion: 96 Resp: 27769

Ion Ratio Lower Upper

96 100

61 128.1 104.6 156.8

98 63.9 50.9 76.3



#22

Diisopropyl ether

Concen: 19.243 ug/l

RT: 6.155 min Scan# 711

Delta R.T. 0.024 min

Lab File: VY017068.D

Acq: 22 Jan 2024 11:42

Tgt Ion: 45 Resp: 96838

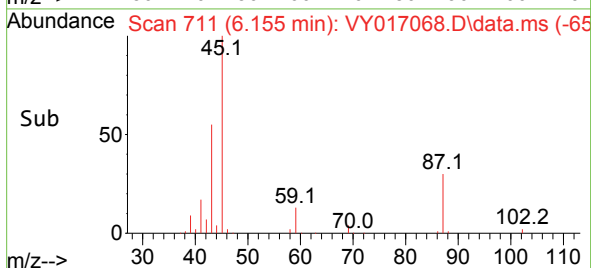
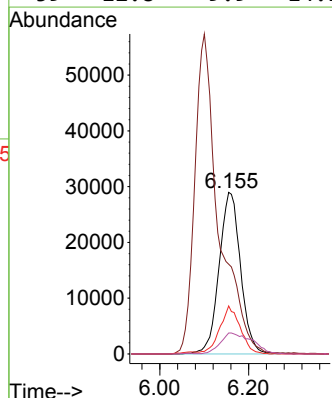
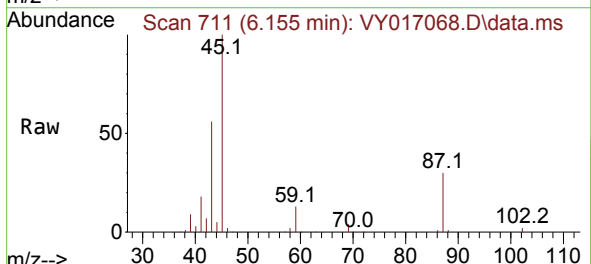
Ion Ratio Lower Upper

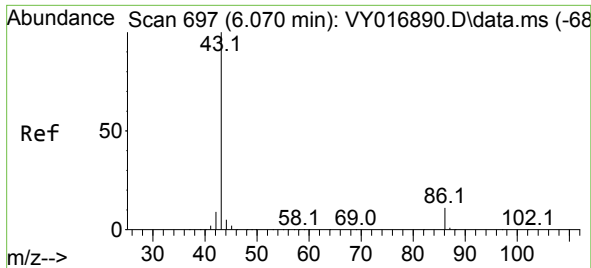
45 100

43 55.0 46.8 70.2

87 29.7 22.2 33.2

59 12.8 9.9 14.9

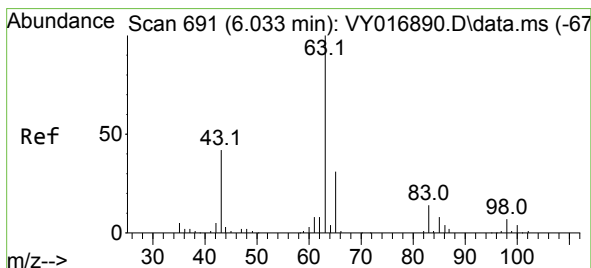
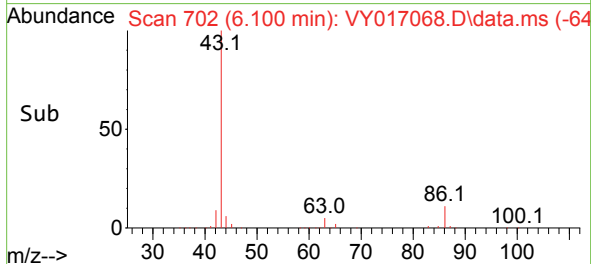
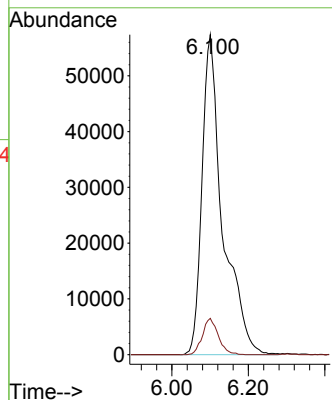
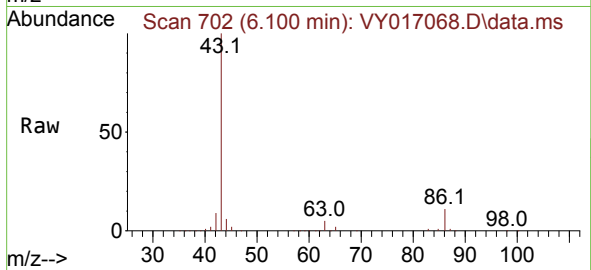




#23
 Vinyl Acetate
 Concen: 93.041 ug/l
 RT: 6.100 min Scan# 702
 Delta R.T. 0.024 min
 Lab File: VY017068.D
 Acq: 22 Jan 2024 11:42

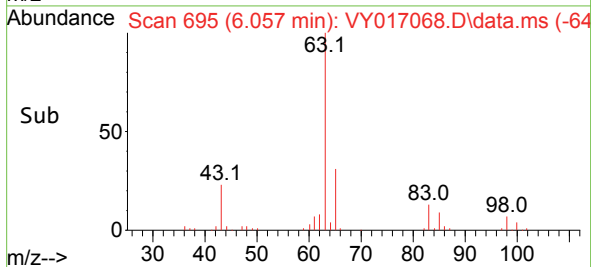
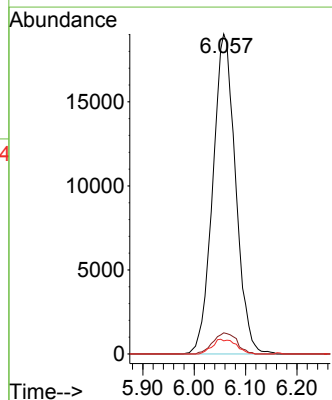
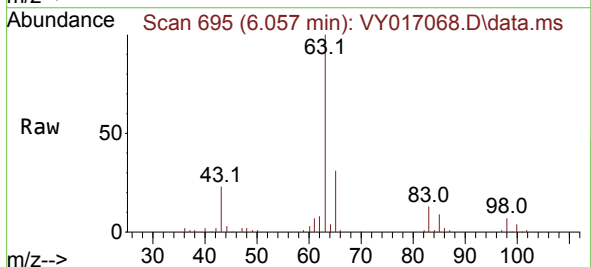
Instrument :
 MSVOA_Y
 ClientSampleId :

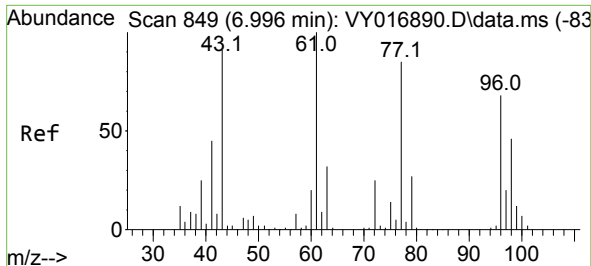
Tgt Ion: 43 Resp: 214687
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 19.366 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.024 min
 Lab File: VY017068.D
 Acq: 22 Jan 2024 11:42

Tgt Ion: 63 Resp: 58565
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.8 11.4
 100 4.1 2.1 6.2





#25

2-Butanone

Concen: 95.661 ug/l

RT: 7.021 min Scan# 853

Delta R.T. 0.025 min

Lab File: VY017068.D

Acq: 22 Jan 2024 11:42

Instrument :

MSVOA_Y

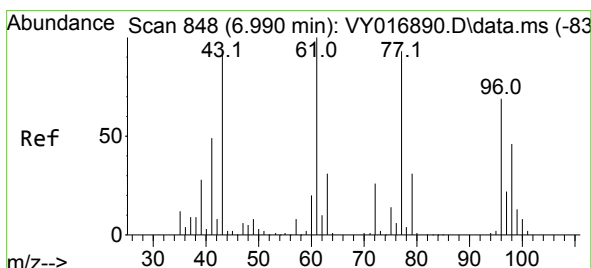
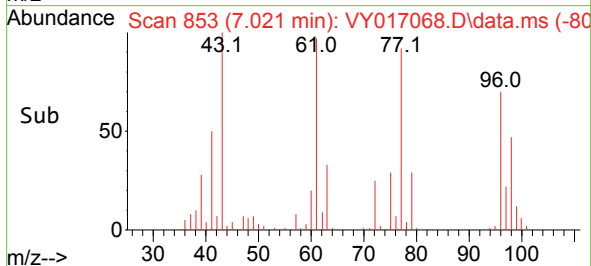
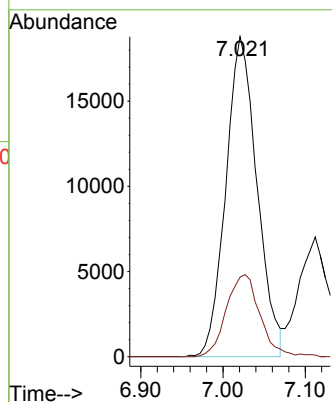
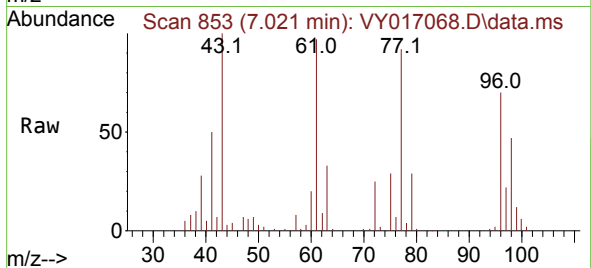
ClientSampleId :

Tgt Ion: 43 Resp: 49562

Ion Ratio Lower Upper

43 100

72 24.9 21.4 32.2



#26

2,2-Dichloropropane

Concen: 19.868 ug/l

RT: 7.021 min Scan# 853

Delta R.T. 0.025 min

Lab File: VY017068.D

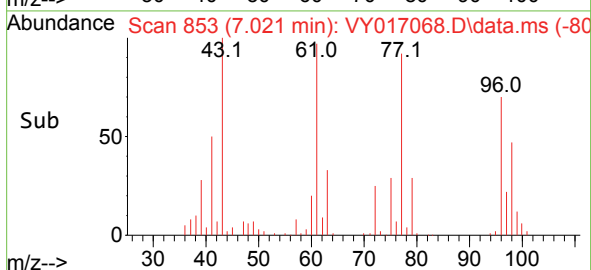
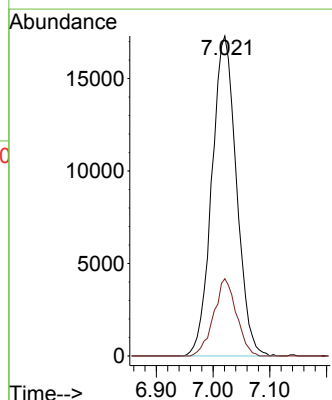
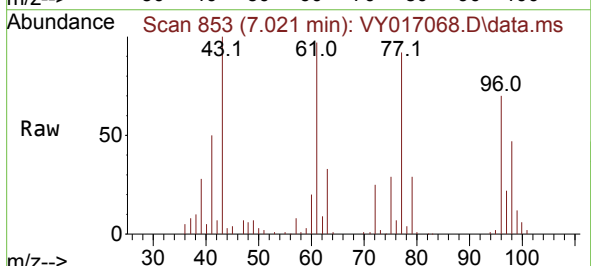
Acq: 22 Jan 2024 11:42

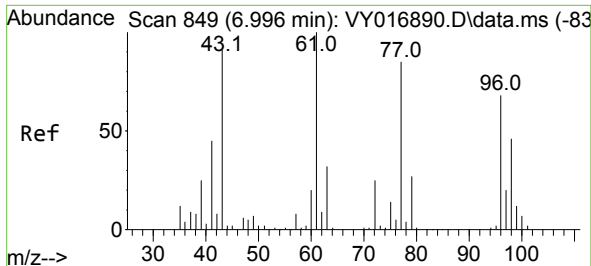
Tgt Ion: 77 Resp: 52095

Ion Ratio Lower Upper

77 100

97 22.4 11.7 35.0

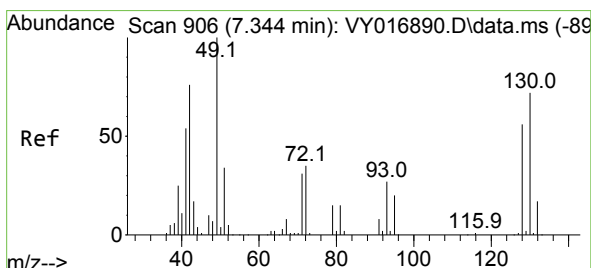
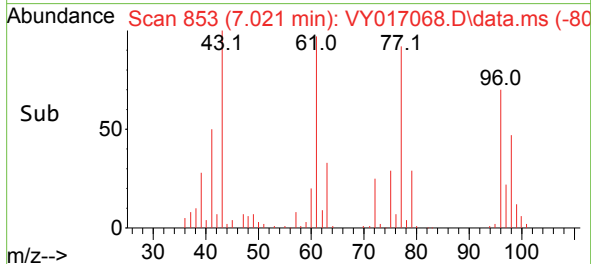
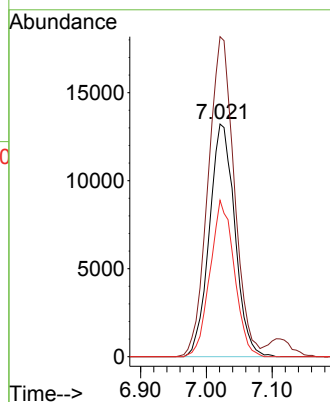
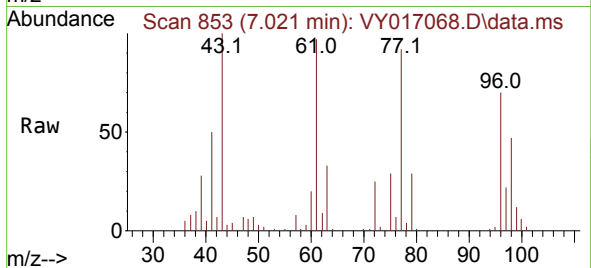




#27
cis-1,2-Dichloroethene
Concen: 19.282 ug/l
RT: 7.021 min Scan# 849
Delta R.T. 0.019 min
Lab File: VY017068.D
Acq: 22 Jan 2024 11:42

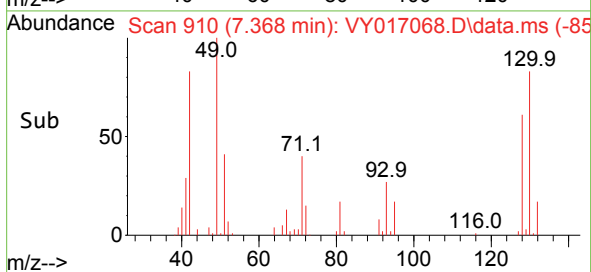
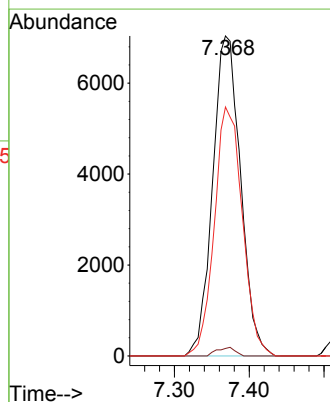
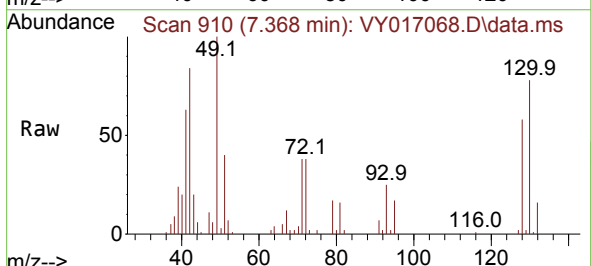
Instrument :
MSVOA_Y
ClientSampleId :

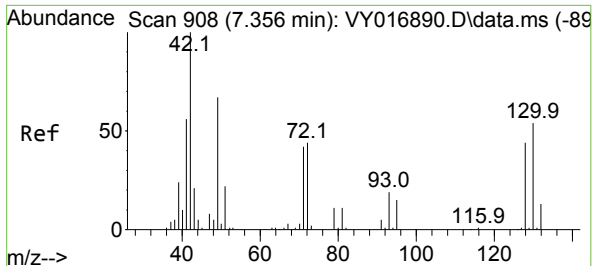
Tgt Ion: 96 Resp: 35644
Ion Ratio Lower Upper
96 100
61 141.2 0.0 278.8
98 63.9 0.0 127.0



#28
Bromochloromethane
Concen: 16.097 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.018 min
Lab File: VY017068.D
Acq: 22 Jan 2024 11:42

Tgt Ion: 49 Resp: 18275
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.8
130 78.1 59.8 89.8





#29

Tetrahydrofuran

Concen: 82.900 ug/l

RT: 7.380 min Scan# 912

Delta R.T. 0.018 min

Lab File: VY017068.D

Acq: 22 Jan 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

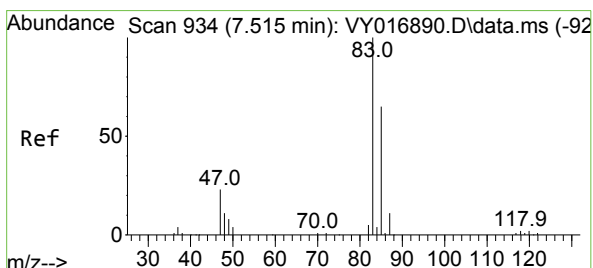
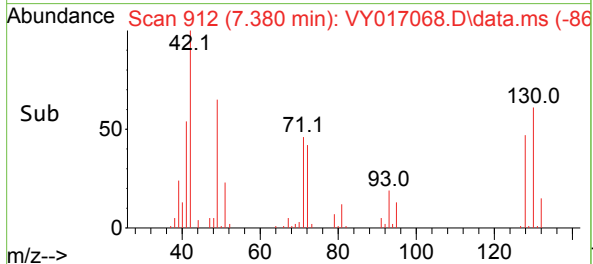
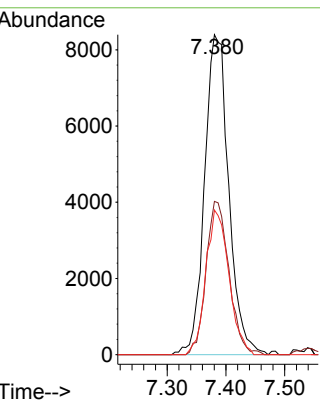
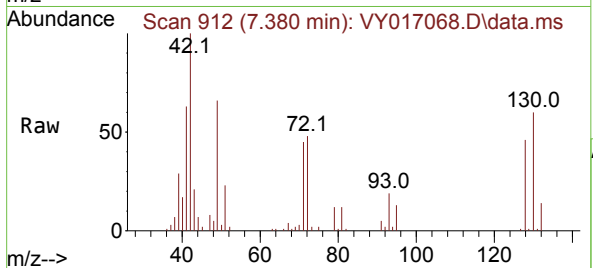
Tgt Ion: 42 Resp: 23973

Ion Ratio Lower Upper

42 100

72 45.6 36.6 54.8

71 43.3 33.8 50.6



#30

Chloroform

Concen: 19.445 ug/l

RT: 7.539 min Scan# 938

Delta R.T. 0.018 min

Lab File: VY017068.D

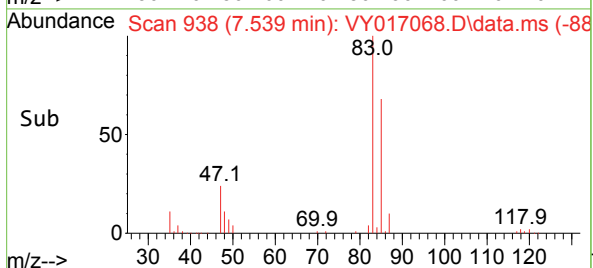
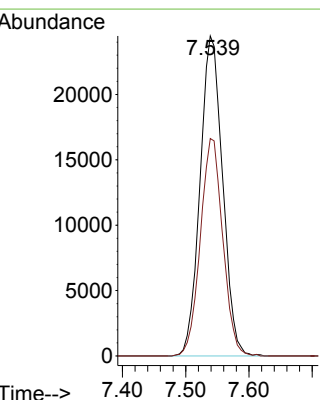
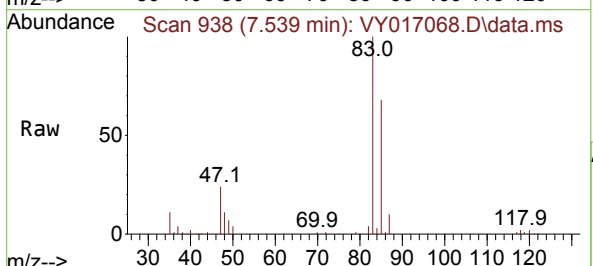
Acq: 22 Jan 2024 11:42

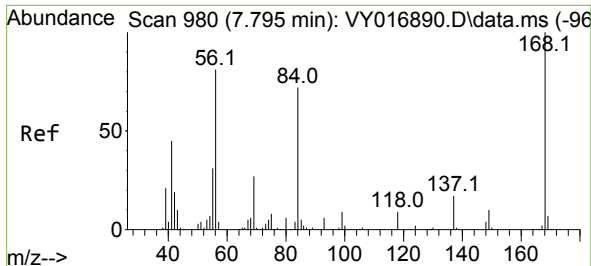
Tgt Ion: 83 Resp: 60597

Ion Ratio Lower Upper

83 100

85 68.0 51.2 76.8

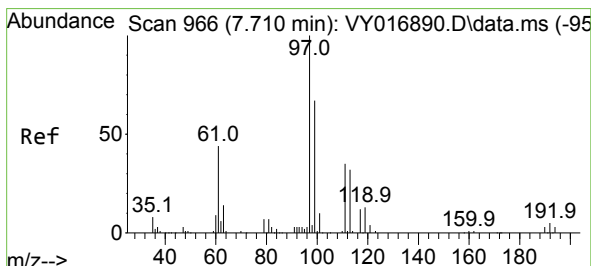
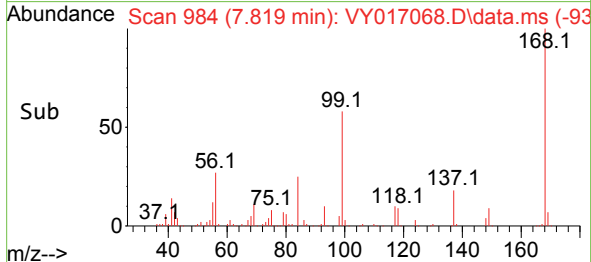
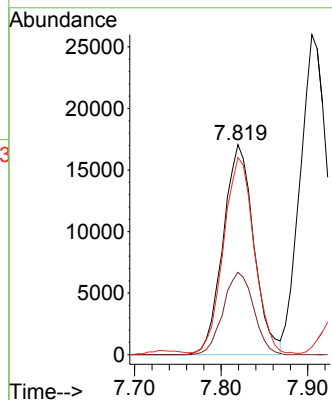
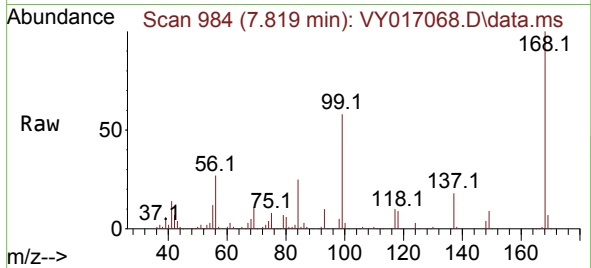




#31
Cyclohexane
Concen: 17.178 ug/l
RT: 7.819 min Scan# 911
Delta R.T. 0.018 min
Lab File: VY017068.D
Acq: 22 Jan 2024 11:42

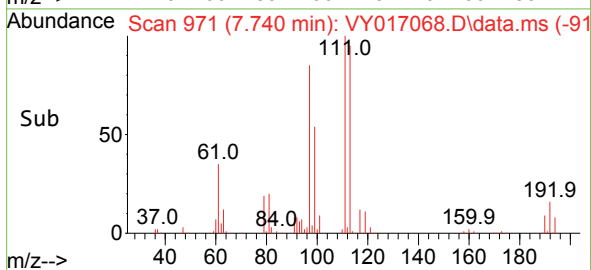
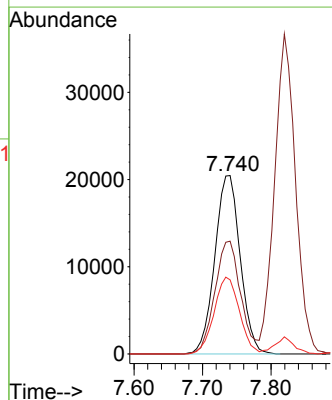
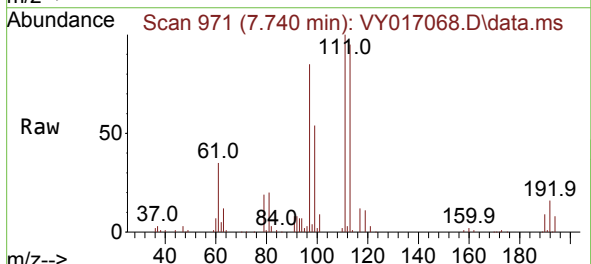
Instrument :
MSVOA_Y
ClientSampleId :

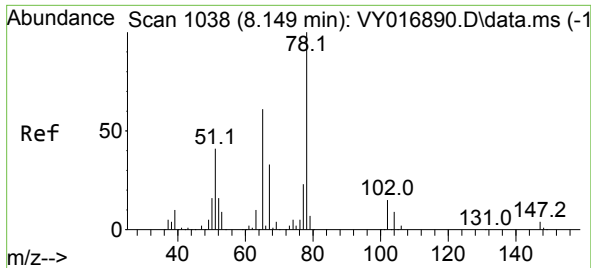
Tgt Ion: 56 Resp: 42125
Ion Ratio Lower Upper
56 100
69 39.2 27.0 40.6
84 92.5 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 19.910 ug/l
RT: 7.740 min Scan# 971
Delta R.T. 0.024 min
Lab File: VY017068.D
Acq: 22 Jan 2024 11:42

Tgt Ion: 97 Resp: 52611
Ion Ratio Lower Upper
97 100
99 64.7 51.2 76.8
61 42.8 35.0 52.6

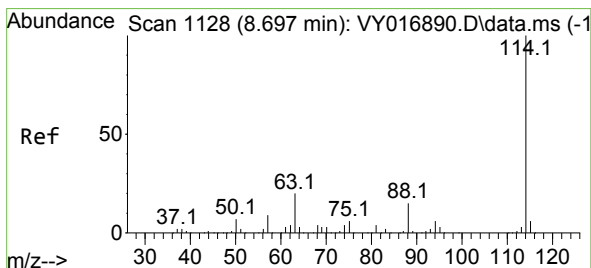
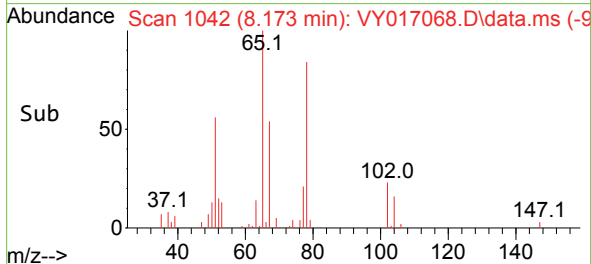
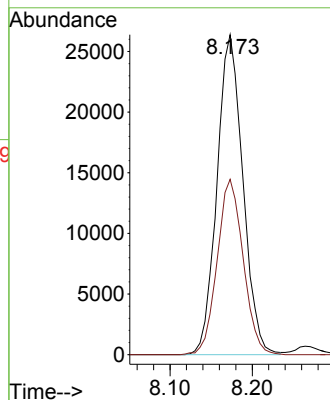
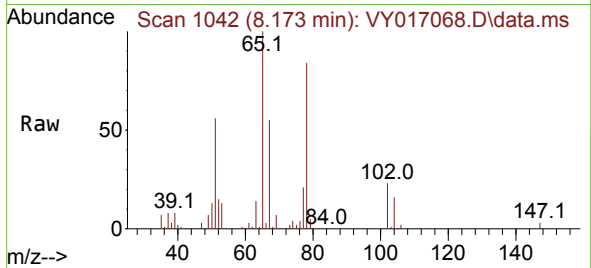




#33
 1,2-Dichloroethane-d4
 Concen: 40.448 ug/l
 RT: 8.173 min Scan# 110
 Delta R.T. 0.018 min
 Lab File: VY017068.D
 Acq: 22 Jan 2024 11:42

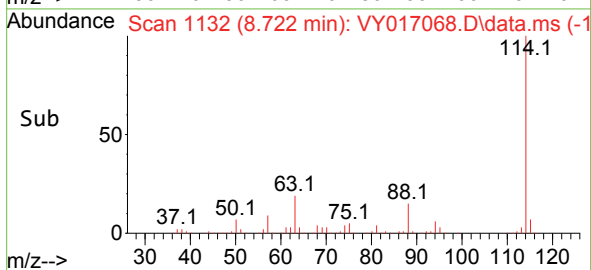
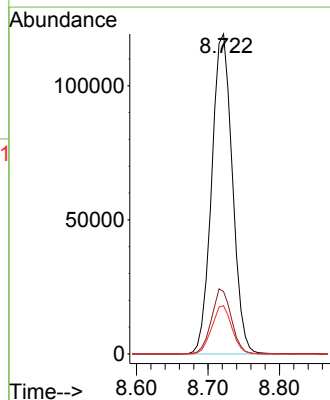
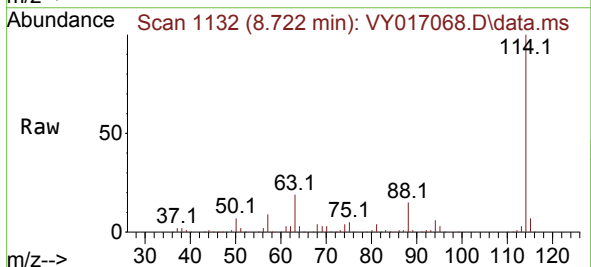
Instrument :
 MSVOA_Y
 ClientSampleId :

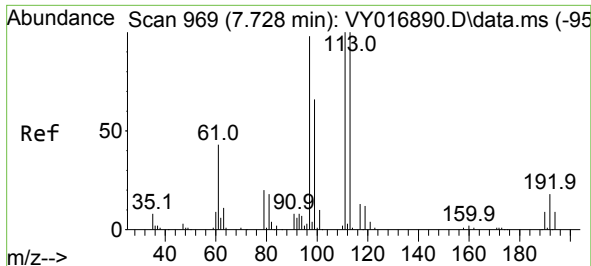
Tgt Ion: 65 Resp: 57791
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.722 min Scan# 1132
 Delta R.T. 0.019 min
 Lab File: VY017068.D
 Acq: 22 Jan 2024 11:42

Tgt Ion:114 Resp: 239532
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 37.4
 88 15.0 0.0 29.0

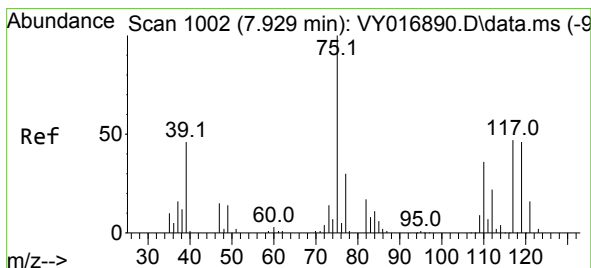
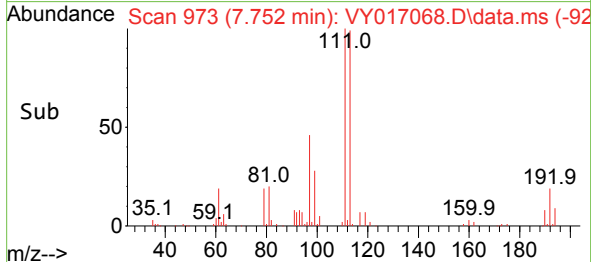
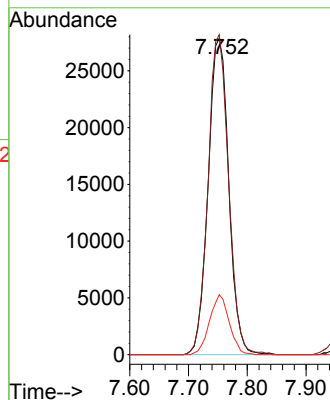
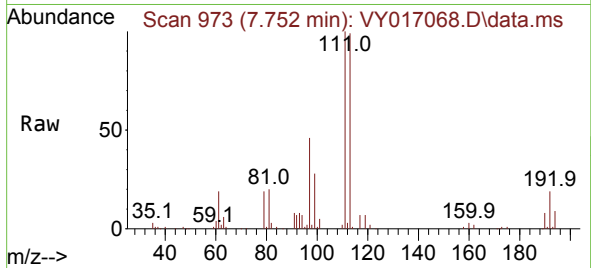




#35
Dibromofluoromethane
Concen: 44.451 ug/l
RT: 7.752 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY017068.D
Acq: 22 Jan 2024 11:42

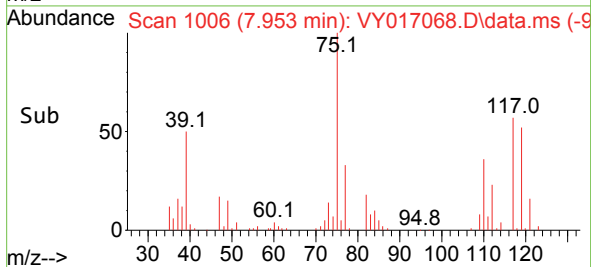
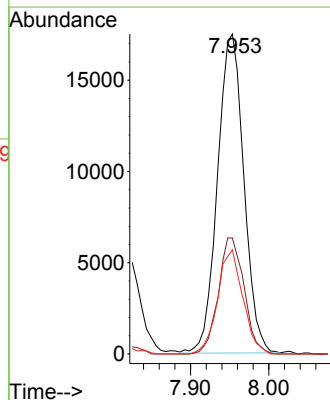
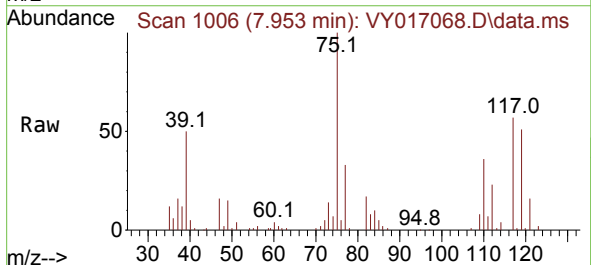
Instrument :
MSVOA_Y
ClientSampleId :

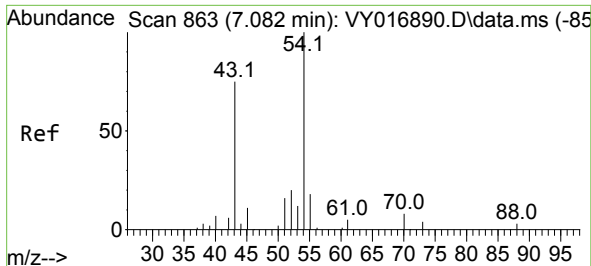
Tgt Ion:113 Resp: 67850
Ion Ratio Lower Upper
113 100
111 100.8 83.8 125.6
192 18.1 14.5 21.7



#36
1,1-Dichloropropene
Concen: 18.388 ug/l
RT: 7.953 min Scan# 1006
Delta R.T. 0.024 min
Lab File: VY017068.D
Acq: 22 Jan 2024 11:42

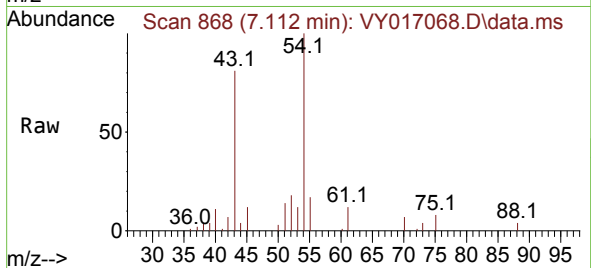
Tgt Ion: 75 Resp: 40904
Ion Ratio Lower Upper
75 100
110 35.5 17.4 52.3
77 31.3 24.7 37.1



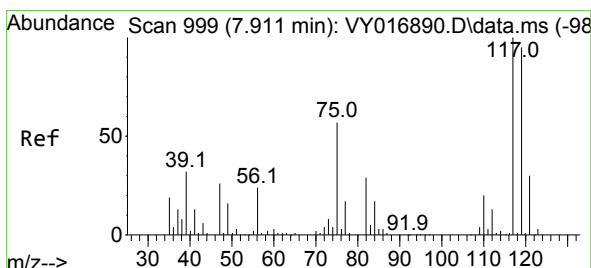
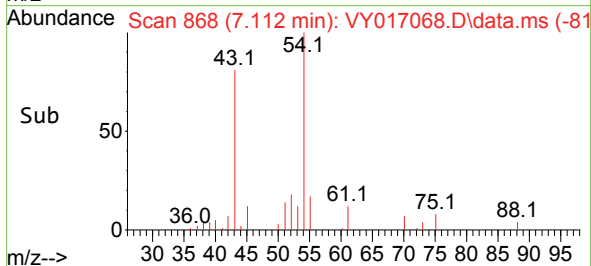
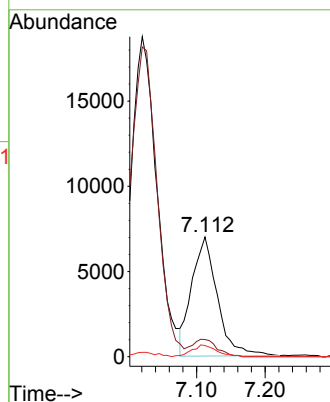


#37
Ethyl Acetate
Concen: 17.998 ug/l
RT: 7.112 min Scan# 80
Delta R.T. 0.024 min
Lab File: VY017068.D
Acq: 22 Jan 2024 11:42

Instrument :
MSVOA_Y
ClientSampleId :

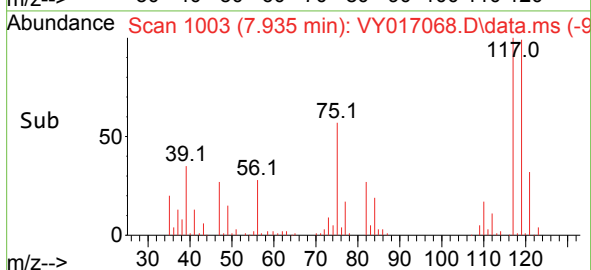
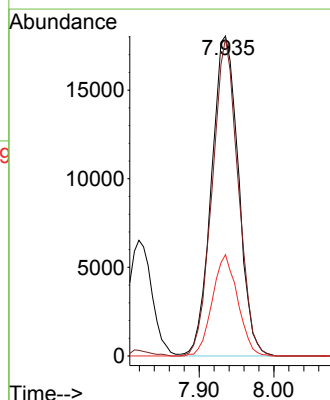
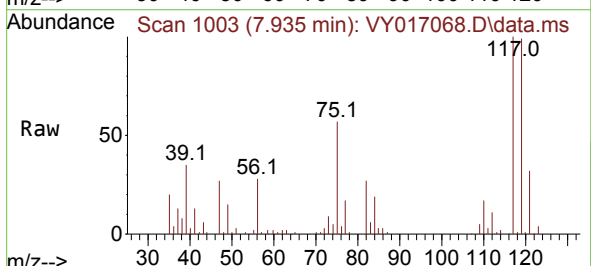


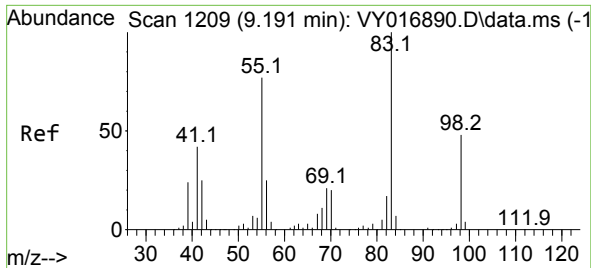
Tgt Ion: 43 Resp: 18194
Ion Ratio Lower Upper
43 100
61 13.3 11.0 16.6
70 9.4 8.1 12.1



#38
Carbon Tetrachloride
Concen: 19.989 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.018 min
Lab File: VY017068.D
Acq: 22 Jan 2024 11:42

Tgt Ion: 117 Resp: 45177
Ion Ratio Lower Upper
117 100
119 99.2 76.0 114.0
121 31.6 24.2 36.2





#39

Methylcyclohexane

Concen: 17.558 ug/l

RT: 9.215 min Scan# 11

Delta R.T. 0.024 min

Lab File: VY017068.D

Acq: 22 Jan 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

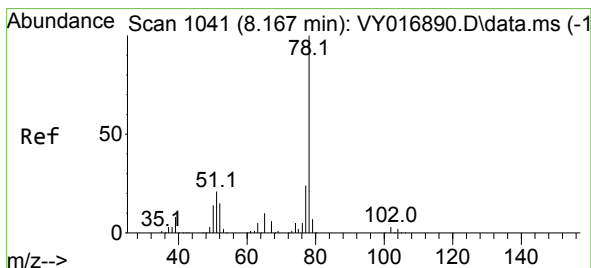
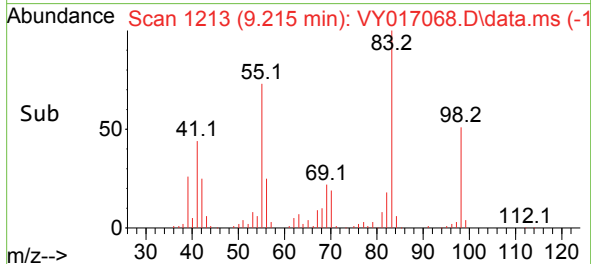
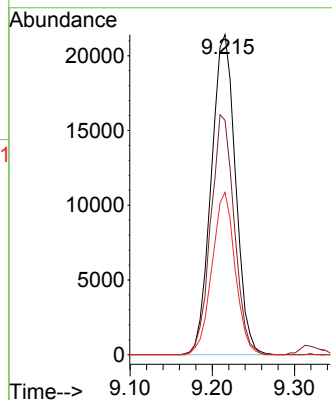
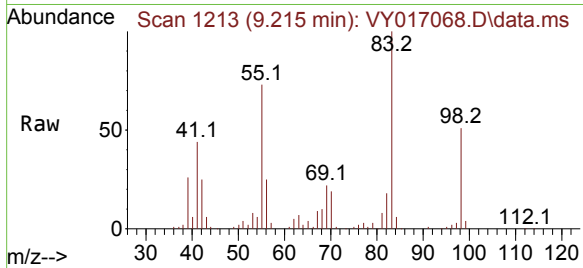
Tgt Ion: 83 Resp: 43908

Ion Ratio Lower Upper

83 100

55 73.3 59.7 89.5

98 50.7 38.0 57.0



#40

Benzene

Concen: 18.766 ug/l

RT: 8.191 min Scan# 1045

Delta R.T. 0.018 min

Lab File: VY017068.D

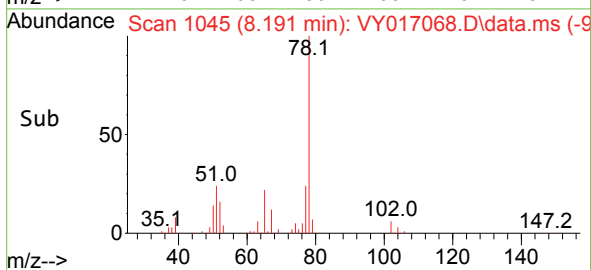
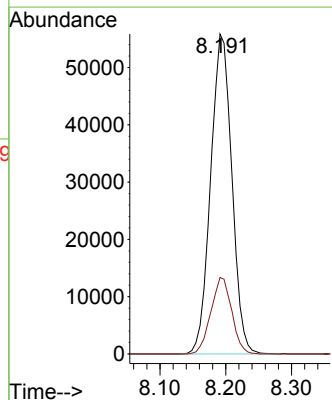
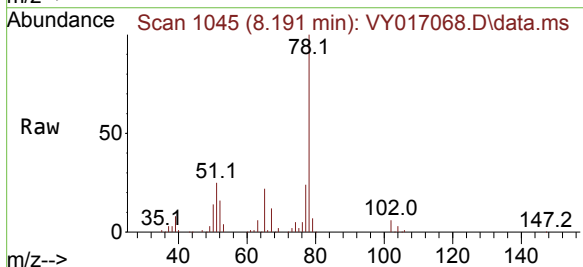
Acq: 22 Jan 2024 11:42

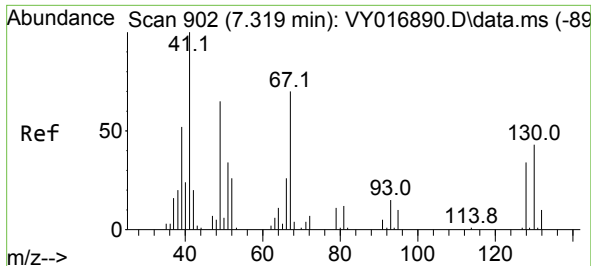
Tgt Ion: 78 Resp: 125224

Ion Ratio Lower Upper

78 100

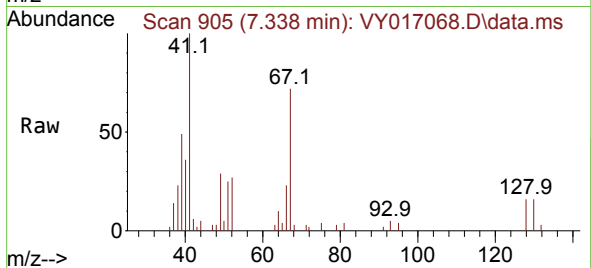
77 23.9 18.8 28.2



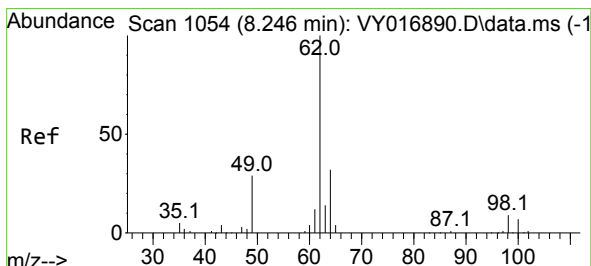
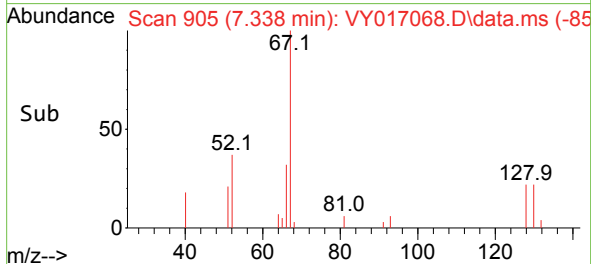
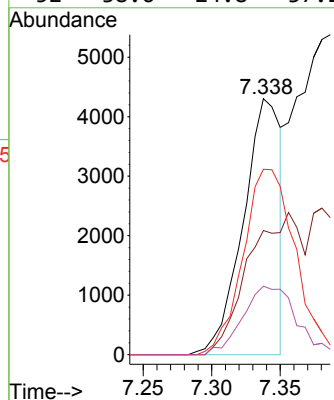


#41
Methacrylonitrile
Concen: 15.377 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.019 min
Lab File: VY017068.D
Acq: 22 Jan 2024 11:42

Instrument :
MSVOA_Y
ClientSampleId :

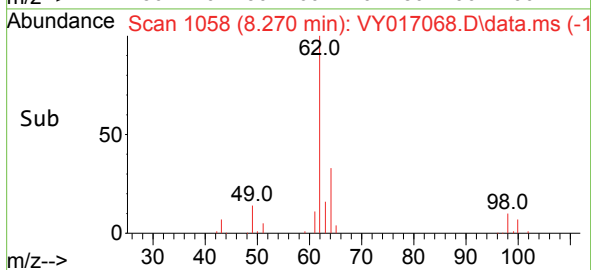
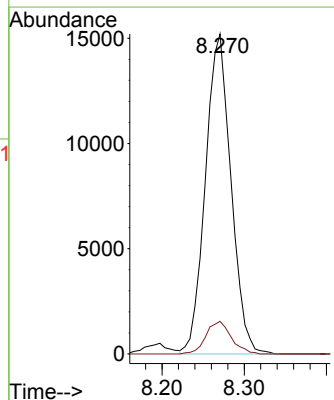
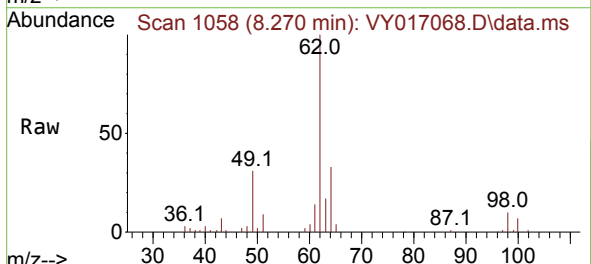


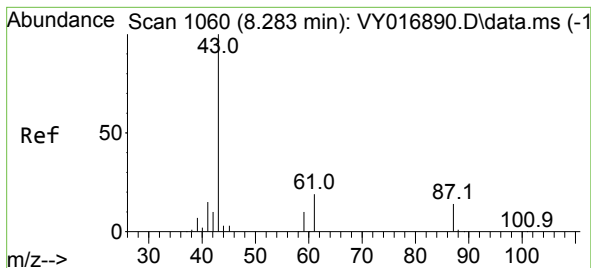
Tgt Ion:	41	Resp:	8187
Ion	Ratio	Lower	Upper
41	100		
39	79.6	41.9	62.9#
67	101.8	59.8	89.6#
52	38.6	24.8	37.2#



#42
1,2-Dichloroethane
Concen: 18.543 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. 0.018 min
Lab File: VY017068.D
Acq: 22 Jan 2024 11:42

Tgt Ion:	62	Resp:	32850
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.2





#43

Isopropyl Acetate

Concen: 17.451 ug/l

RT: 8.301 min Scan# 1107

Delta R.T. 0.018 min

Lab File: VY017068.D

Acq: 22 Jan 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

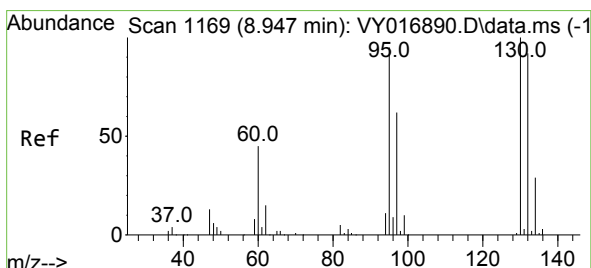
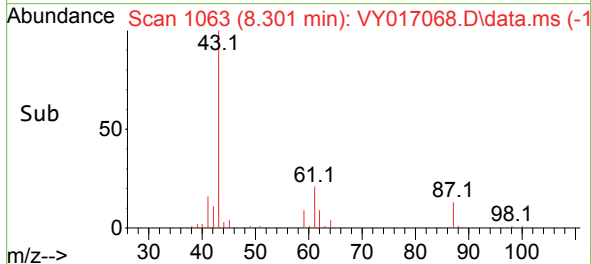
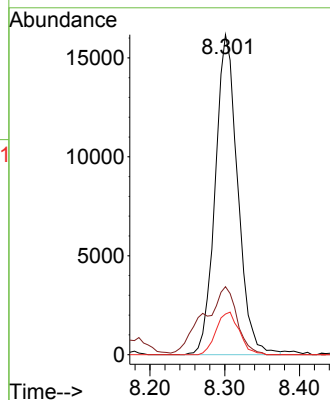
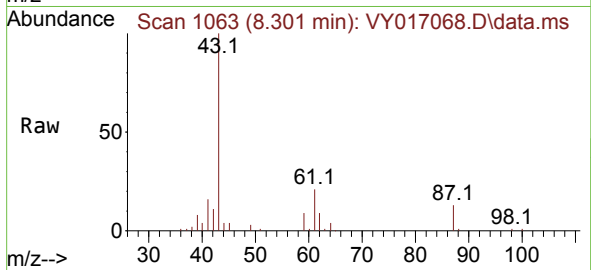
Tgt Ion: 43 Resp: 33783

Ion Ratio Lower Upper

43 100

61 31.5 24.8 37.2

87 13.7 10.7 16.1



#44

Trichloroethene

Concen: 19.197 ug/l

RT: 8.972 min Scan# 1173

Delta R.T. 0.025 min

Lab File: VY017068.D

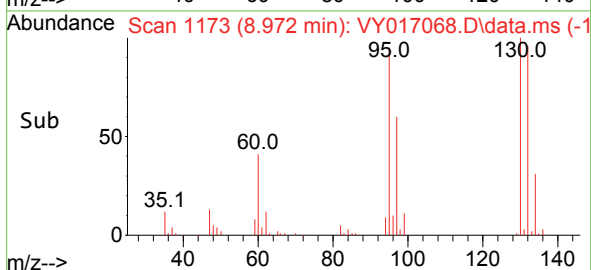
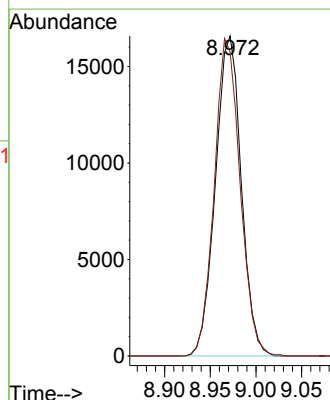
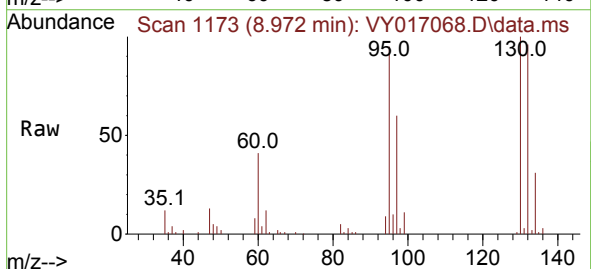
Acq: 22 Jan 2024 11:42

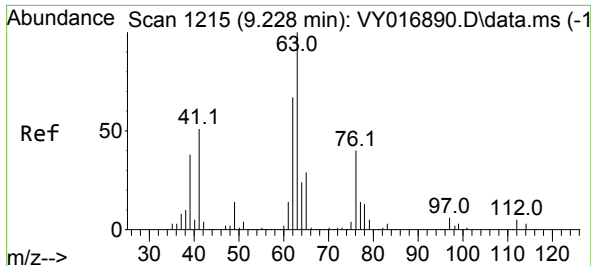
Tgt Ion:130 Resp: 32597

Ion Ratio Lower Upper

130 100

95 95.0 0.0 203.8





#45

1,2-Dichloropropane

Concen: 19.449 ug/l

RT: 9.246 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY017068.D

Acq: 22 Jan 2024 11:42

Instrument :

MSVOA_Y

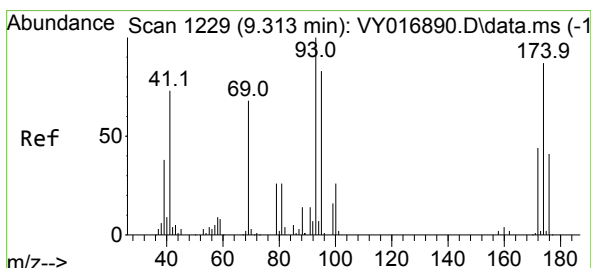
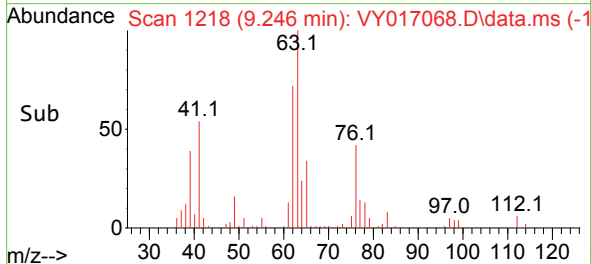
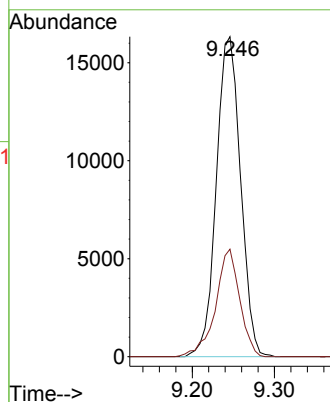
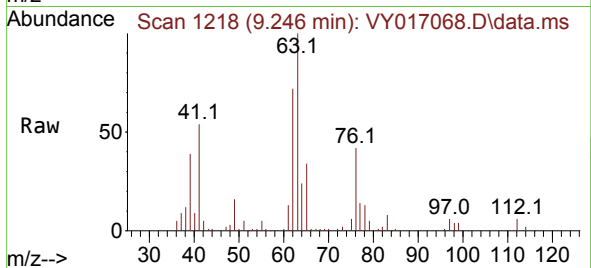
ClientSampleId :

Tgt Ion: 63 Resp: 33436

Ion Ratio Lower Upper

63 100

65 33.6 24.6 36.8



#46

Dibromomethane

Concen: 18.520 ug/l

RT: 9.337 min Scan# 1233

Delta R.T. 0.024 min

Lab File: VY017068.D

Acq: 22 Jan 2024 11:42

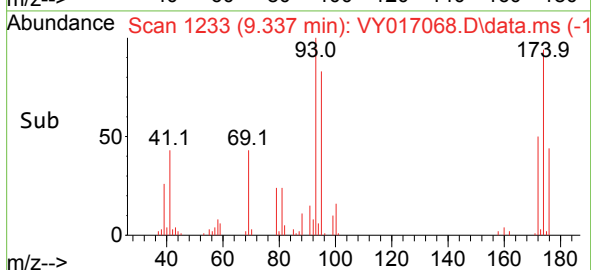
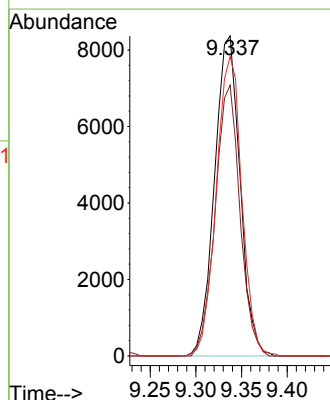
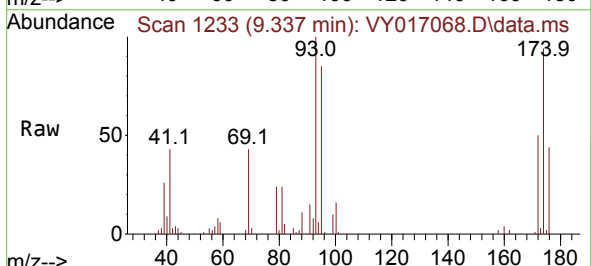
Tgt Ion: 93 Resp: 16238

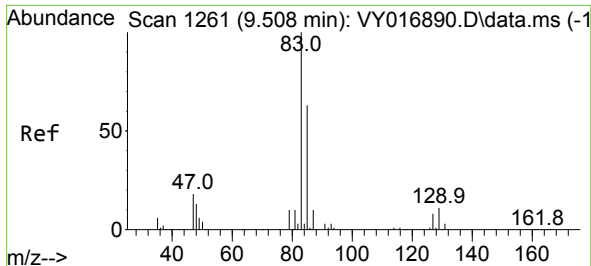
Ion Ratio Lower Upper

93 100

95 82.1 66.6 99.8

174 94.0 73.8 110.6

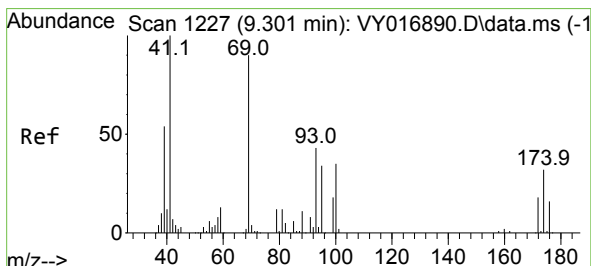
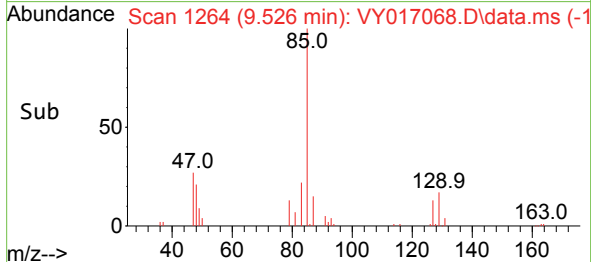
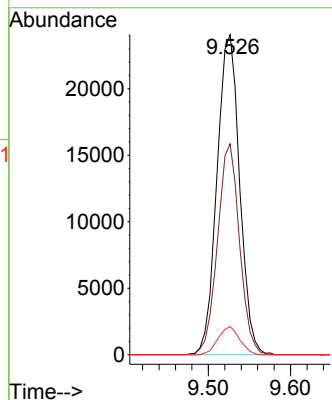
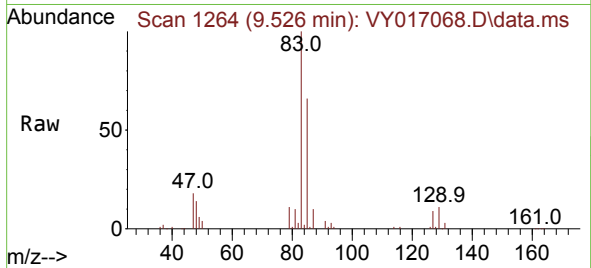




#47
Bromodichloromethane
Concen: 19.556 ug/l
RT: 9.526 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017068.D
Acq: 22 Jan 2024 11:42

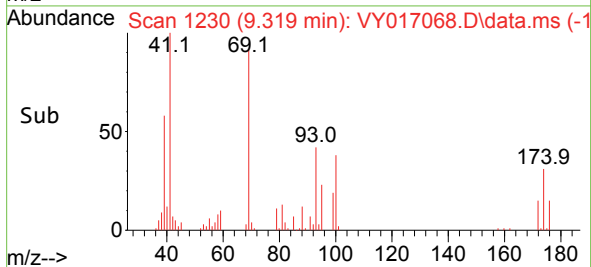
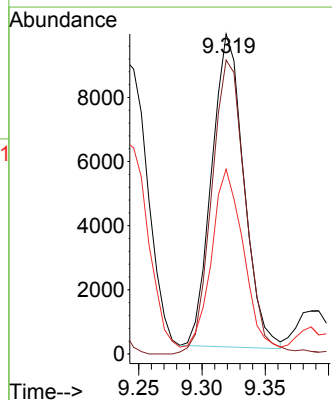
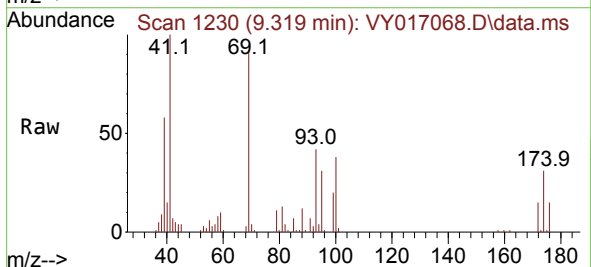
Instrument :
MSVOA_Y
ClientSampleId :

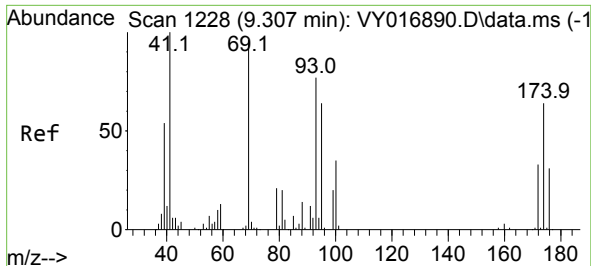
Tgt Ion: 83 Resp: 46042
Ion Ratio Lower Upper
83 100
85 65.9 53.2 79.8
127 8.8 6.4 9.6



#48
Methyl methacrylate
Concen: 16.513 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.018 min
Lab File: VY017068.D
Acq: 22 Jan 2024 11:42

Tgt Ion: 41 Resp: 17252
Ion Ratio Lower Upper
41 100
69 98.7 72.1 108.1
39 60.5 42.8 64.2





#49

1,4-Dioxane

Concen: 355.248 ug/l

RT: 9.325 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY017068.D

Acq: 22 Jan 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

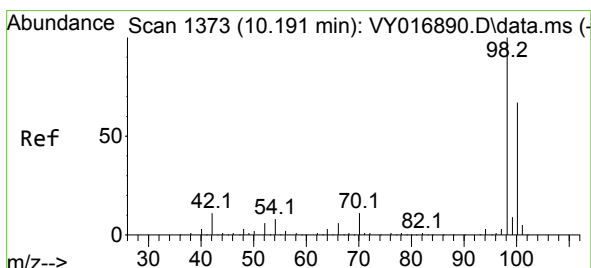
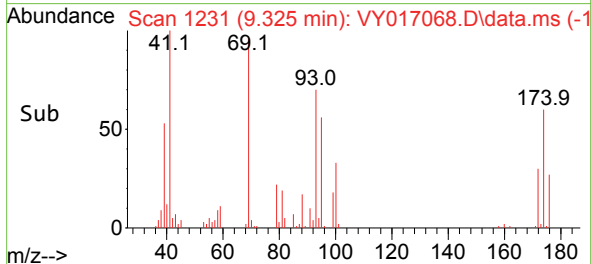
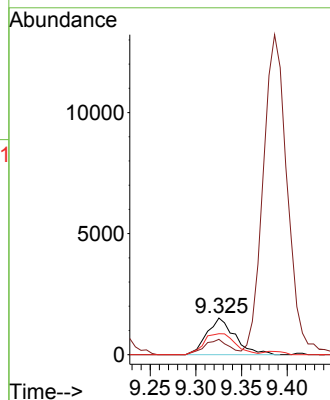
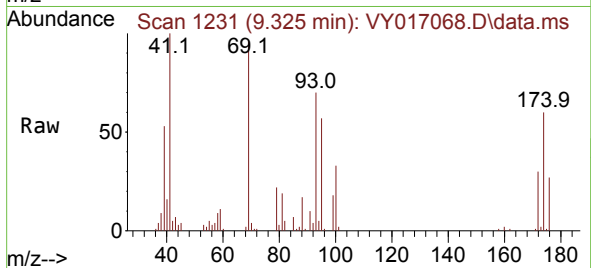
Tgt Ion: 88 Resp: 3225

Ion Ratio Lower Upper

88 100

43 37.0 28.2 42.4

58 64.2 52.2 78.2



#50

Toluene-d8

Concen: 43.244 ug/l

RT: 10.203 min Scan# 1375

Delta R.T. 0.012 min

Lab File: VY017068.D

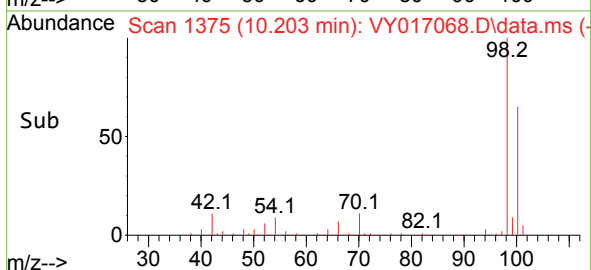
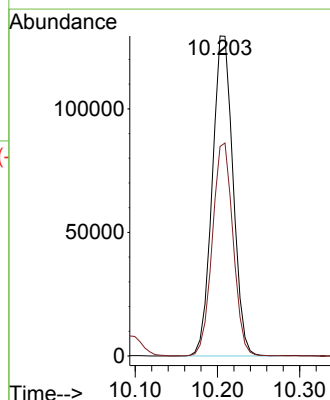
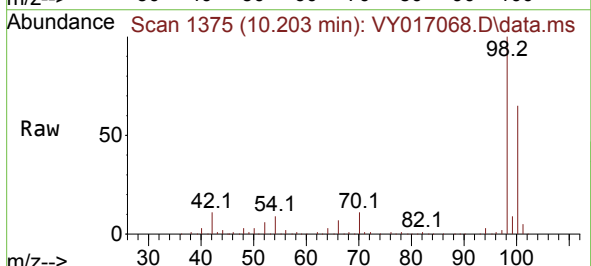
Acq: 22 Jan 2024 11:42

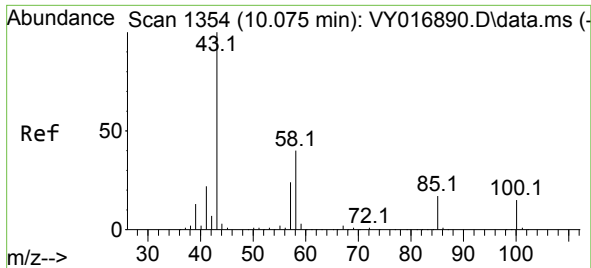
Tgt Ion: 98 Resp: 227294

Ion Ratio Lower Upper

98 100

100 66.2 52.3 78.5

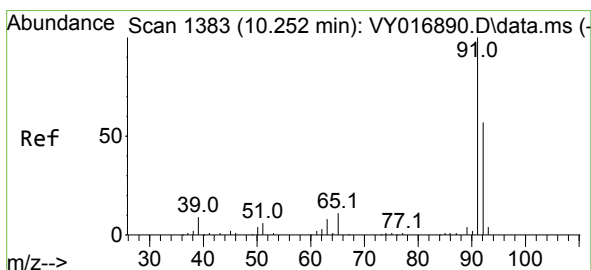
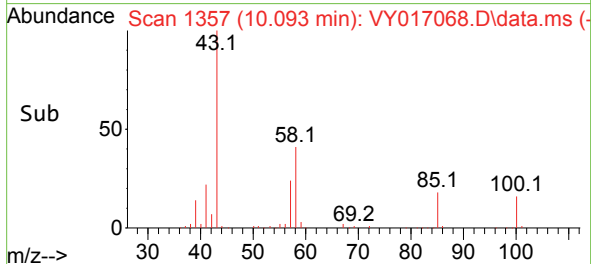
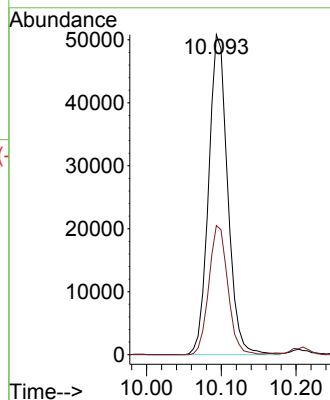
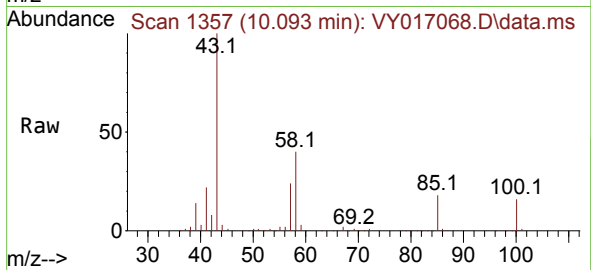




#51
4-Methyl-2-Pentanone
Concen: 87.447 ug/l
RT: 10.093 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017068.D
Acq: 22 Jan 2024 11:42

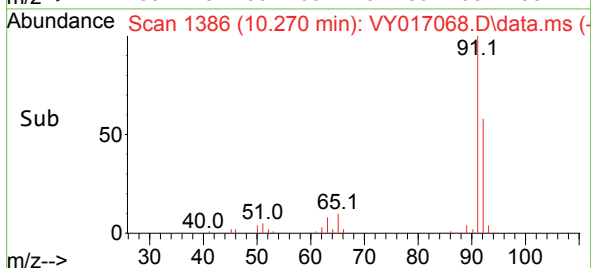
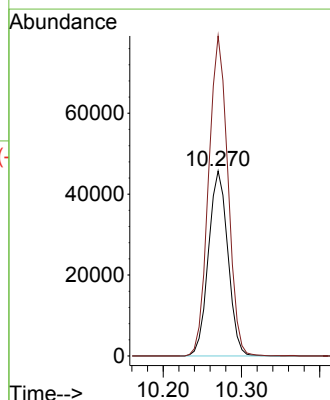
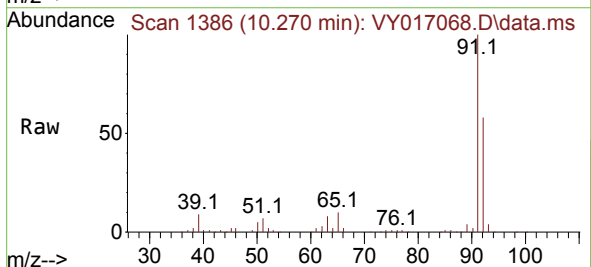
Instrument :
MSVOA_Y
ClientSampleId :

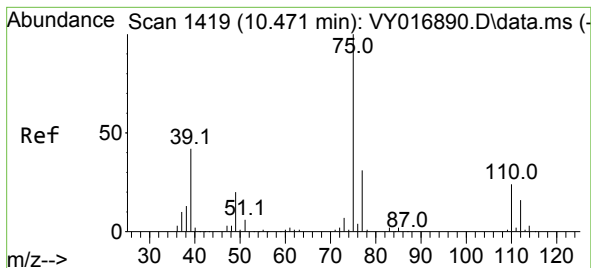
Tgt Ion: 43 Resp: 90029
Ion Ratio Lower Upper
43 100
58 40.2 32.2 48.2



#52
Toluene
Concen: 19.539 ug/l
RT: 10.270 min Scan# 1386
Delta R.T. 0.018 min
Lab File: VY017068.D
Acq: 22 Jan 2024 11:42

Tgt Ion: 92 Resp: 78689
Ion Ratio Lower Upper
92 100
91 171.8 137.6 206.4

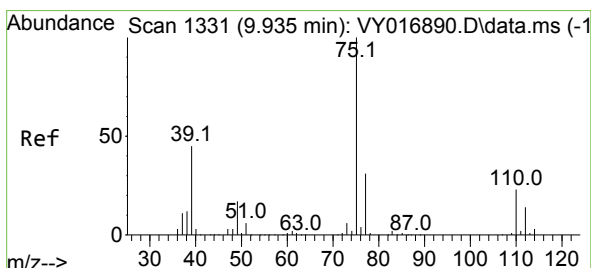
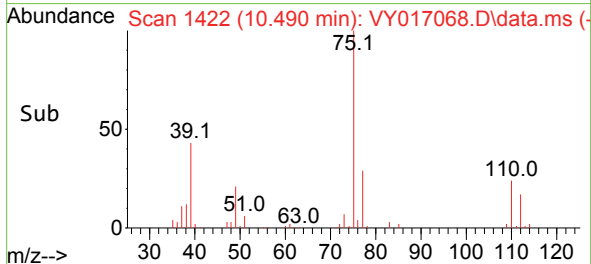
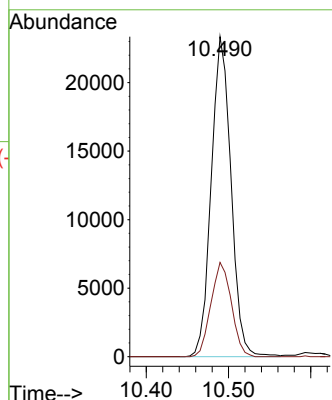
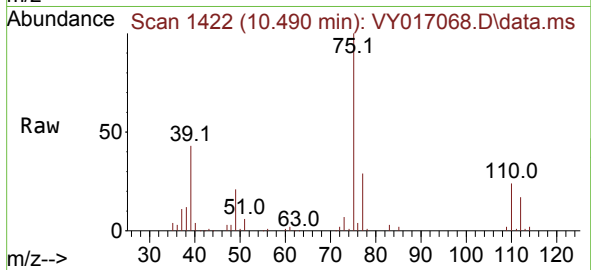




#53
 t-1,3-Dichloropropene
 Concen: 18.482 ug/l
 RT: 10.490 min Scan# 1419
 Delta R.T. 0.019 min
 Lab File: VY017068.D
 Acq: 22 Jan 2024 11:42

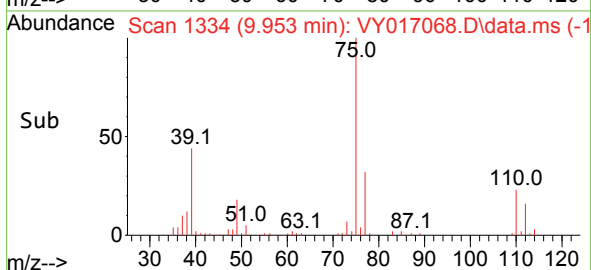
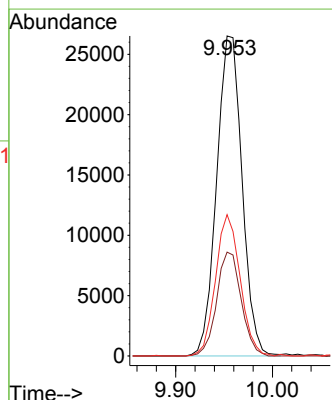
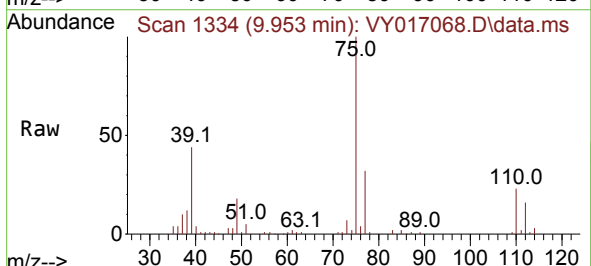
Instrument :
 MSVOA_Y
 ClientSampleId :

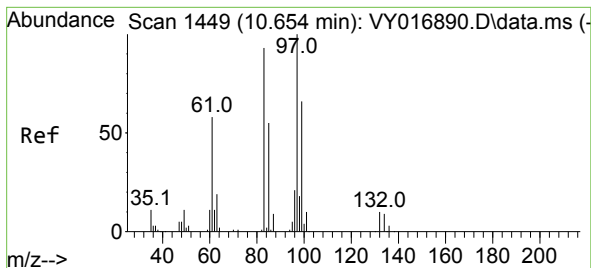
Tgt Ion: 75 Resp: 38976
 Ion Ratio Lower Upper
 75 100
 77 29.5 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 19.104 ug/l
 RT: 9.953 min Scan# 1334
 Delta R.T. 0.012 min
 Lab File: VY017068.D
 Acq: 22 Jan 2024 11:42

Tgt Ion: 75 Resp: 48383
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.6 36.8
 39 44.2 33.6 50.4

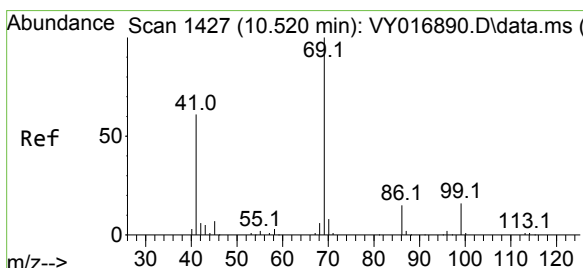
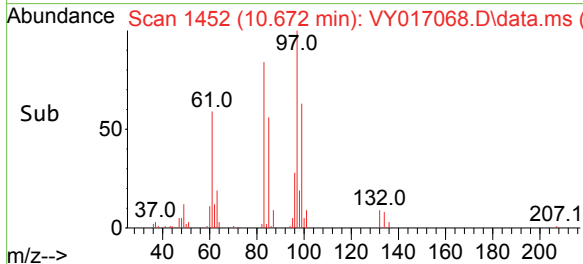
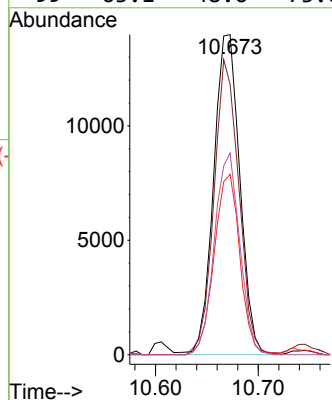
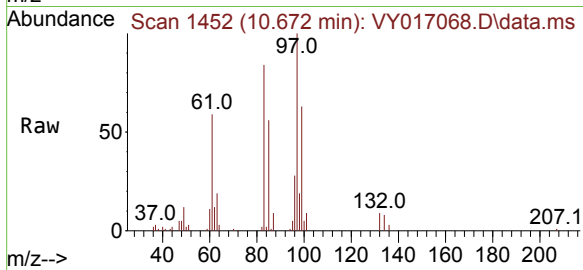




#55
1,1,2-Trichloroethane
Concen: 19.290 ug/l
RT: 10.672 min Scan# 1449
Delta R.T. 0.018 min
Lab File: VY017068.D
Acq: 22 Jan 2024 11:42

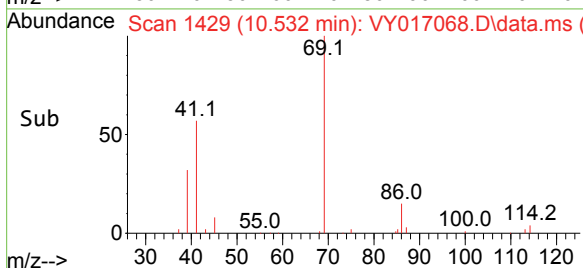
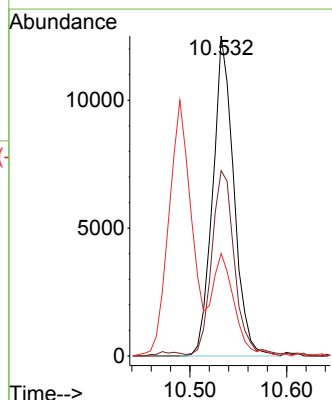
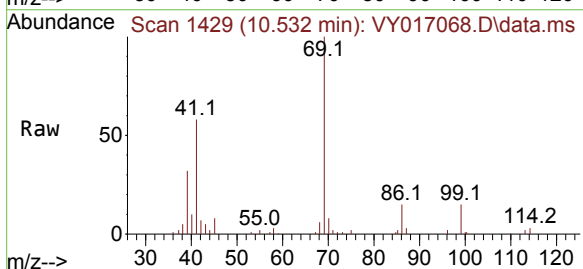
Instrument :
MSVOA_Y
ClientSampleId :

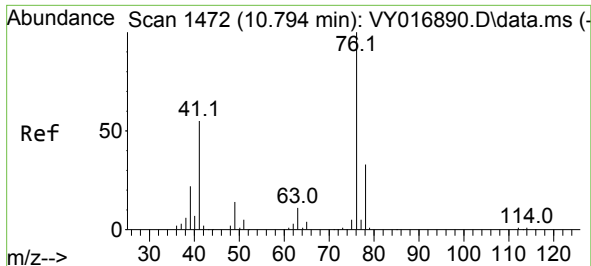
Tgt Ion: 97	Resp: 24708
Ion Ratio	Lower Upper
97 100	
83 84.5	69.4 104.2
85 56.4	43.9 65.9
99 63.1	48.6 73.0



#56
Ethyl methacrylate
Concen: 17.412 ug/l
RT: 10.532 min Scan# 1429
Delta R.T. 0.012 min
Lab File: VY017068.D
Acq: 22 Jan 2024 11:42

Tgt Ion: 69	Resp: 18890
Ion Ratio	Lower Upper
69 100	
41 63.8	49.2 73.8
39 34.2	26.8 40.2





#57

1,3-Dichloropropane

Concen: 18.522 ug/l

RT: 10.813 min Scan# 1472

Delta R.T. 0.013 min

Lab File: VY017068.D

Acq: 22 Jan 2024 11:42

Instrument :

MSVOA_Y

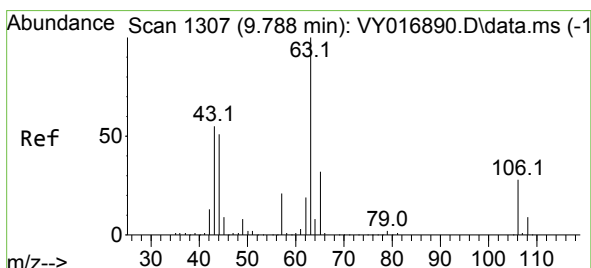
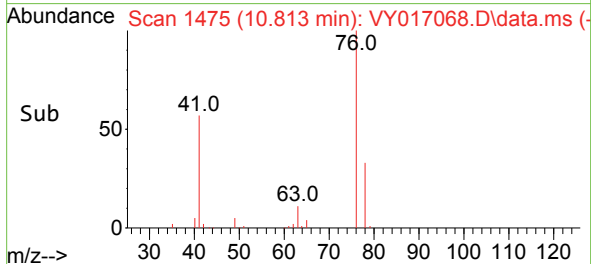
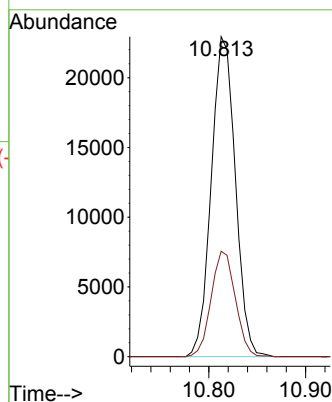
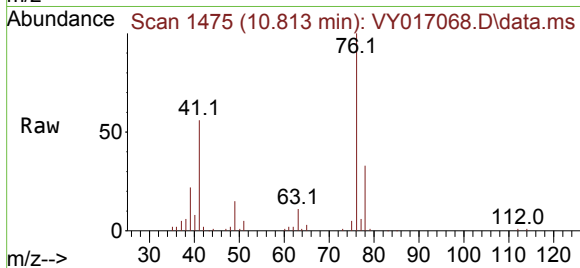
ClientSampleId :

Tgt Ion: 76 Resp: 39610

Ion Ratio Lower Upper

76 100

78 33.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 65.188 ug/l

RT: 9.807 min Scan# 1310

Delta R.T. 0.019 min

Lab File: VY017068.D

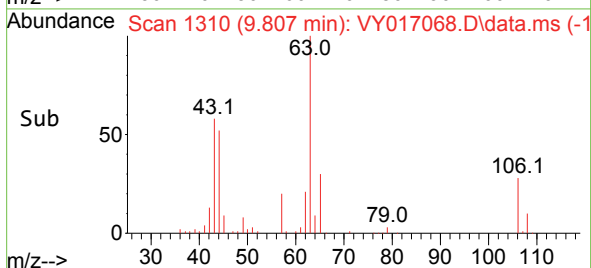
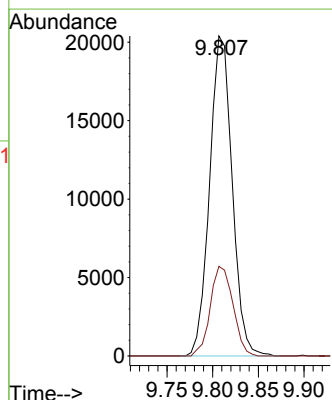
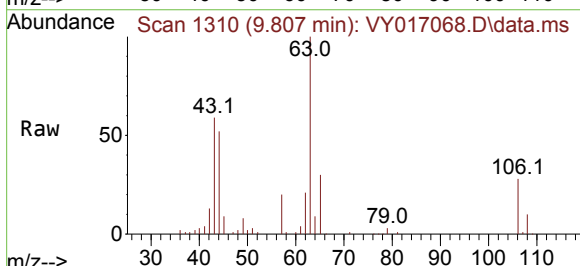
Acq: 22 Jan 2024 11:42

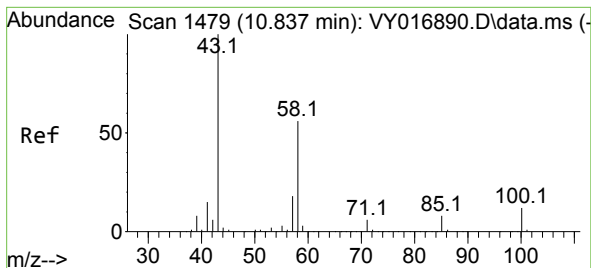
Tgt Ion: 63 Resp: 35043

Ion Ratio Lower Upper

63 100

106 28.1 22.4 33.6





#59

2-Hexanone

Concen: 89.900 ug/l

RT: 10.855 min Scan# 14

Delta R.T. 0.012 min

Lab File: VY017068.D

Acq: 22 Jan 2024 11:42

Instrument :

MSVOA_Y

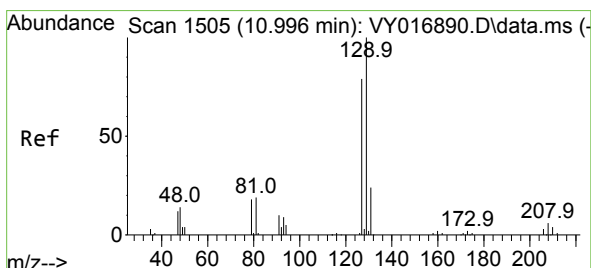
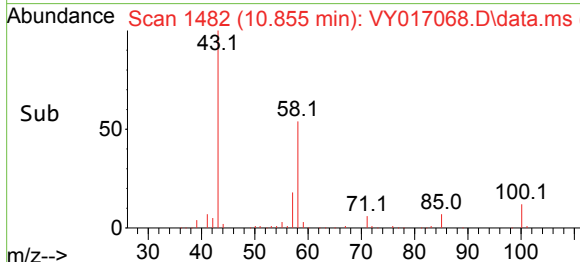
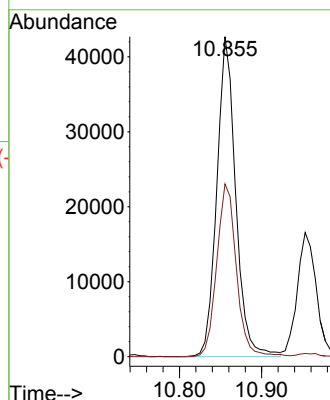
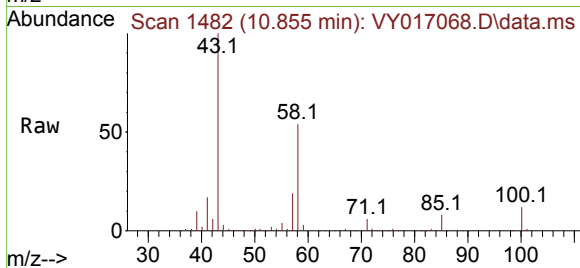
ClientSampleId :

Tgt Ion: 43 Resp: 68150

Ion Ratio Lower Upper

43 100

58 56.2 28.1 84.3



#60

Dibromochloromethane

Concen: 19.717 ug/l

RT: 11.008 min Scan# 1507

Delta R.T. 0.012 min

Lab File: VY017068.D

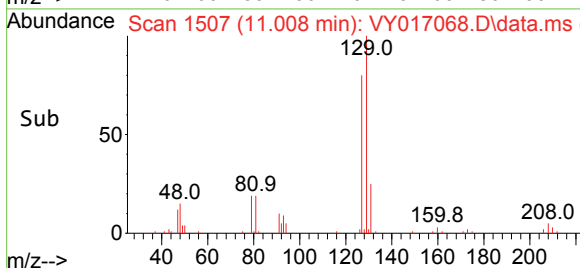
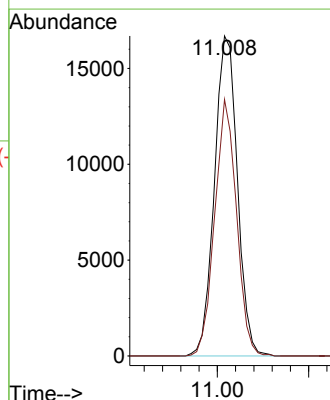
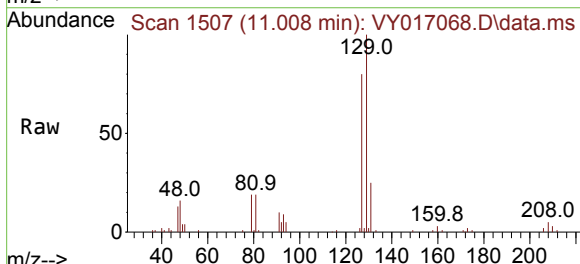
Acq: 22 Jan 2024 11:42

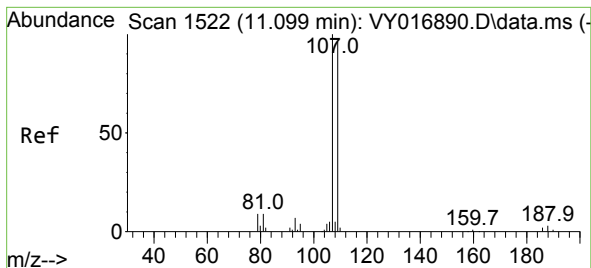
Tgt Ion:129 Resp: 29124

Ion Ratio Lower Upper

129 100

127 76.2 39.2 117.6





#61

1,2-Dibromoethane

Concen: 18.611 ug/l

RT: 11.118 min Scan# 1

Delta R.T. 0.019 min

Lab File: VY017068.D

Acq: 22 Jan 2024 11:42

Instrument :

MSVOA_Y

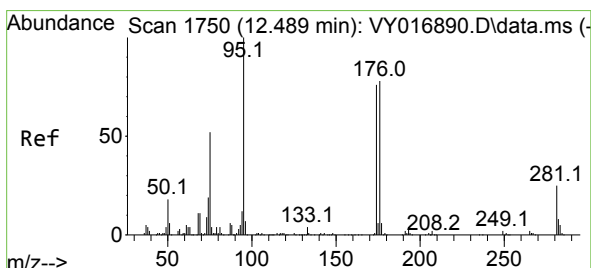
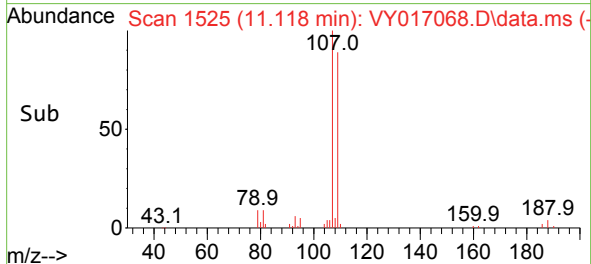
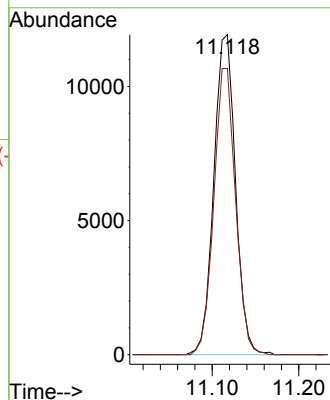
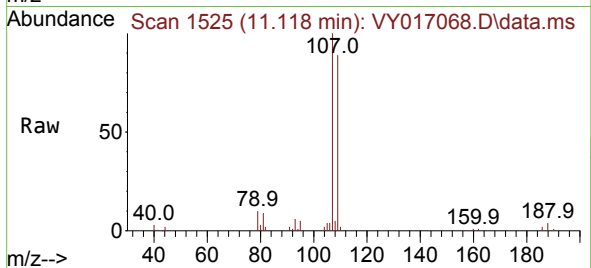
ClientSampleId :

Tgt Ion:107 Resp: 20712

Ion Ratio Lower Upper

107 100

109 89.7 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 43.445 ug/l

RT: 12.501 min Scan# 1752

Delta R.T. 0.012 min

Lab File: VY017068.D

Acq: 22 Jan 2024 11:42

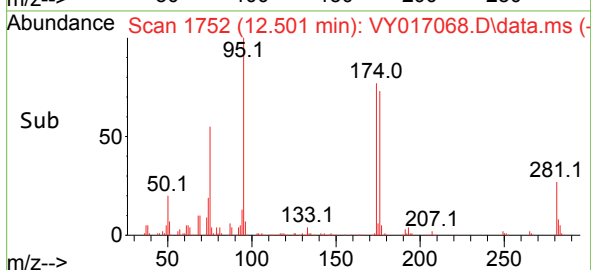
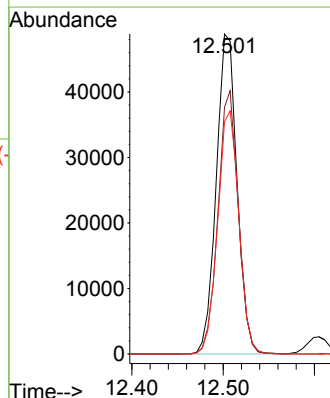
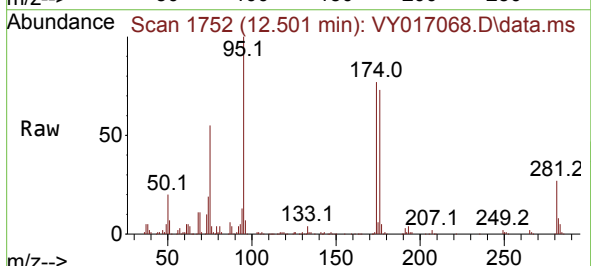
Tgt Ion: 95 Resp: 77044

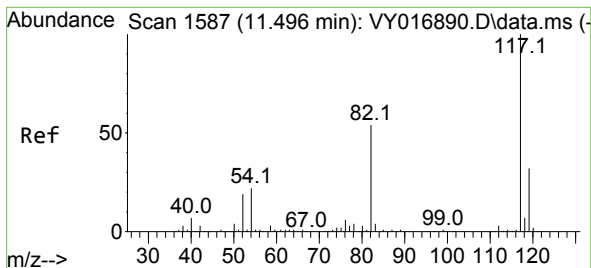
Ion Ratio Lower Upper

95 100

174 80.7 0.0 160.0

176 77.4 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017068.D

Acq: 22 Jan 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

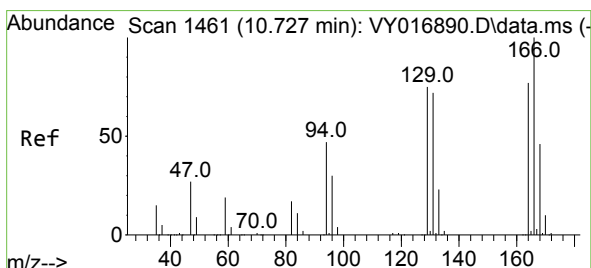
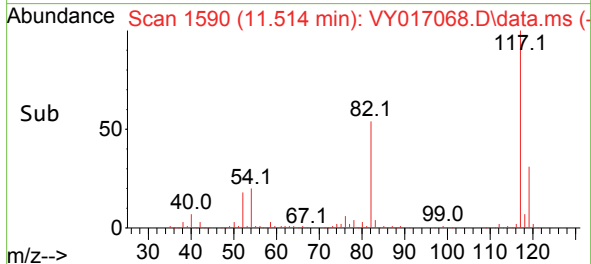
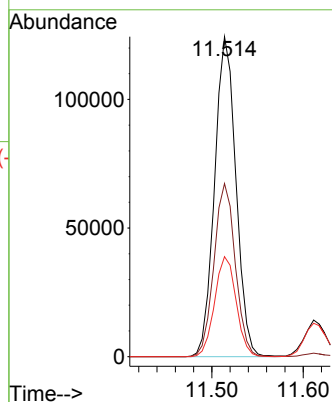
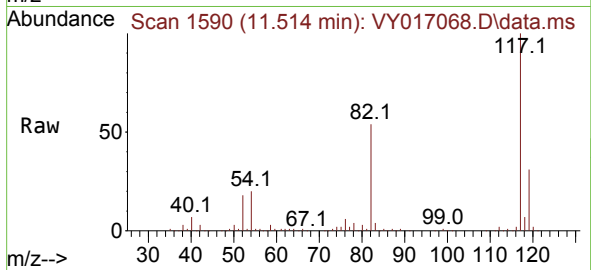
Tgt Ion:117 Resp: 202120

Ion Ratio Lower Upper

117 100

82 54.1 43.8 65.8

119 31.3 26.5 39.7



#64

Tetrachloroethene

Concen: 19.819 ug/l

RT: 10.746 min Scan# 1464

Delta R.T. 0.019 min

Lab File: VY017068.D

Acq: 22 Jan 2024 11:42

Tgt Ion:164 Resp: 25970

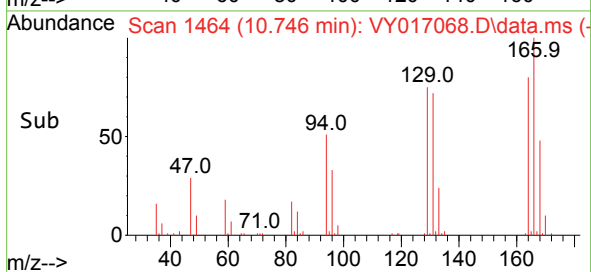
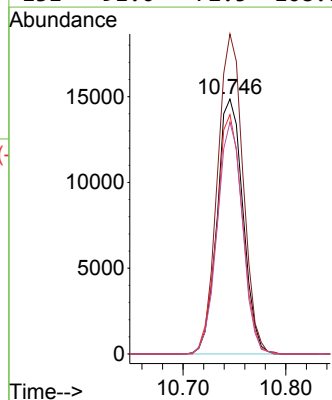
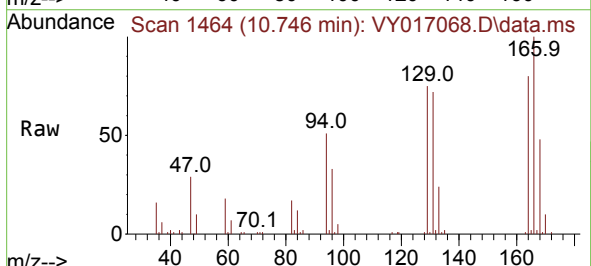
Ion Ratio Lower Upper

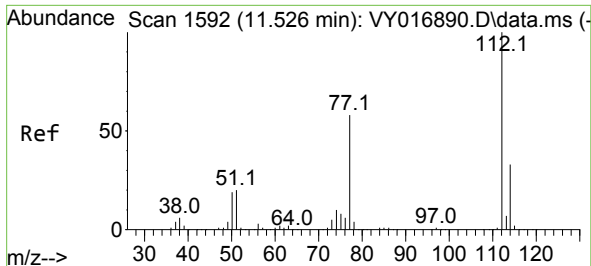
164 100

166 125.6 98.8 148.2

129 93.9 78.9 118.3

131 91.0 72.5 108.7





#65

Chlorobenzene

Concen: 20.092 ug/l

RT: 11.538 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017068.D

Acq: 22 Jan 2024 11:42

Instrument :

MSVOA_Y

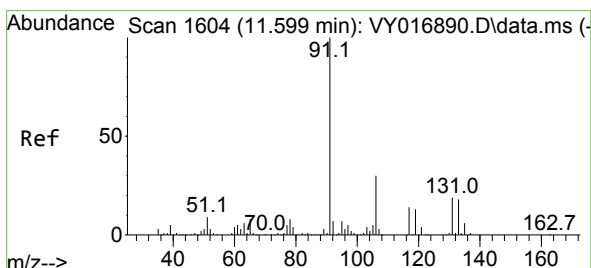
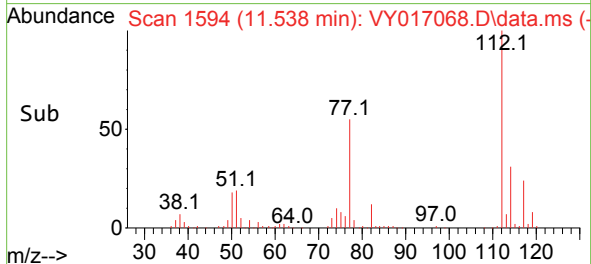
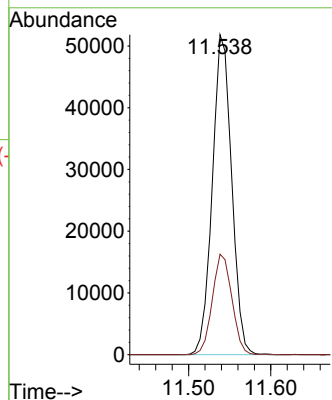
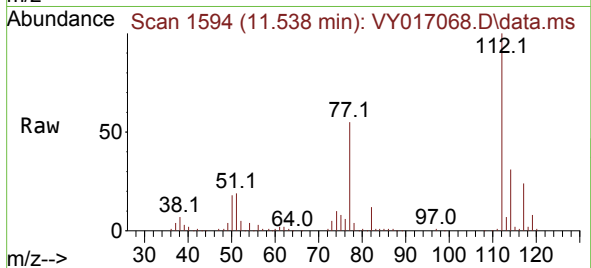
ClientSampleId :

Tgt Ion:112 Resp: 84598

Ion Ratio Lower Upper

112 100

114 31.4 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 20.801 ug/l

RT: 11.611 min Scan# 1606

Delta R.T. 0.012 min

Lab File: VY017068.D

Acq: 22 Jan 2024 11:42

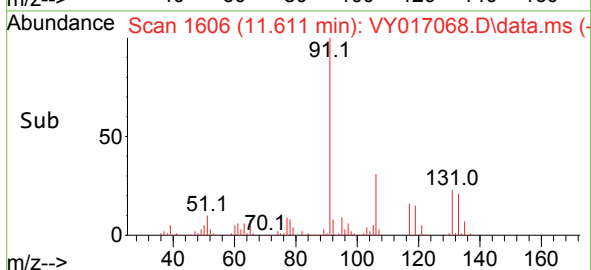
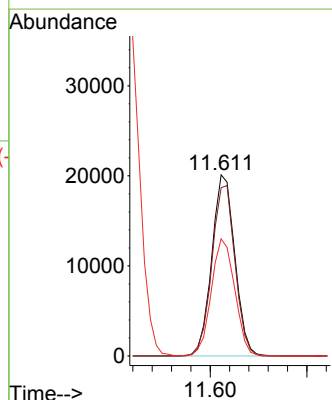
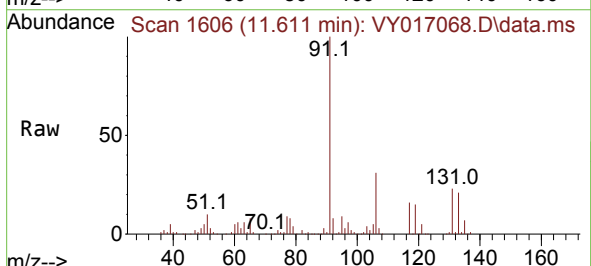
Tgt Ion:131 Resp: 33294

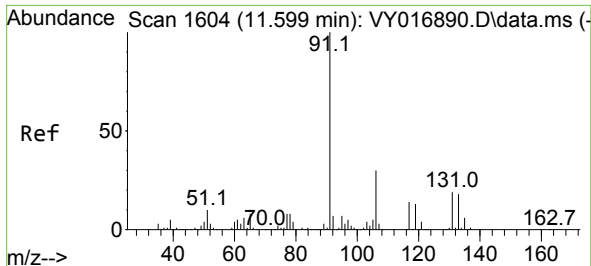
Ion Ratio Lower Upper

131 100

133 94.3 47.0 141.0

119 65.8 33.3 99.9





#67

Ethyl Benzene

Concen: 20.003 ug/l

RT: 11.617 min Scan# 1

Delta R.T. 0.018 min

Lab File: VY017068.D

Acq: 22 Jan 2024 11:42

Instrument :

MSVOA_Y

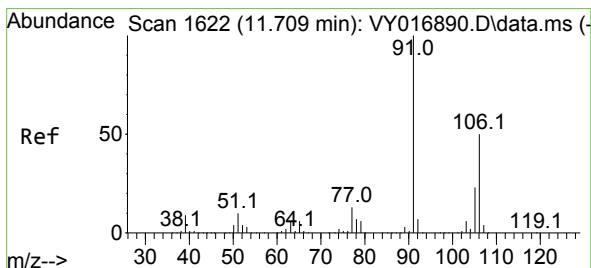
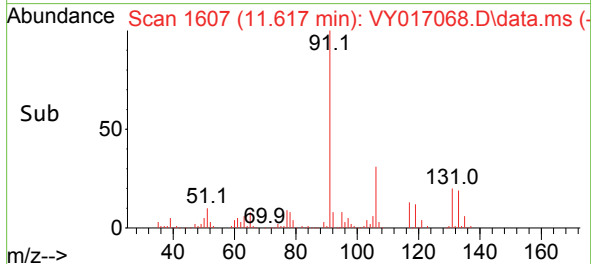
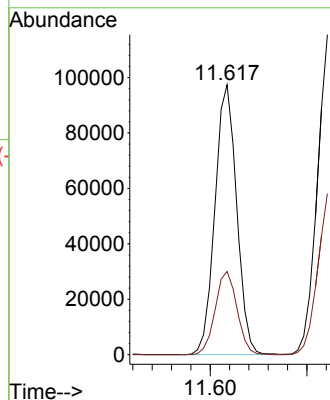
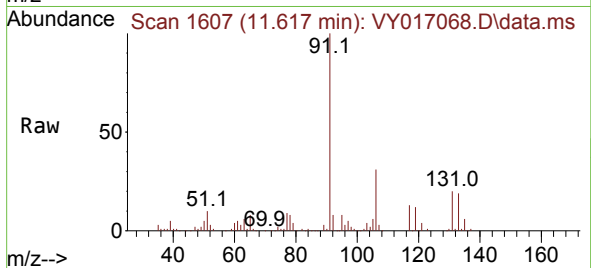
ClientSampleId :

Tgt Ion: 91 Resp: 151631

Ion Ratio Lower Upper

91 100

106 30.8 25.0 37.4



#68

m/p-Xylenes

Concen: 40.118 ug/l

RT: 11.727 min Scan# 1625

Delta R.T. 0.018 min

Lab File: VY017068.D

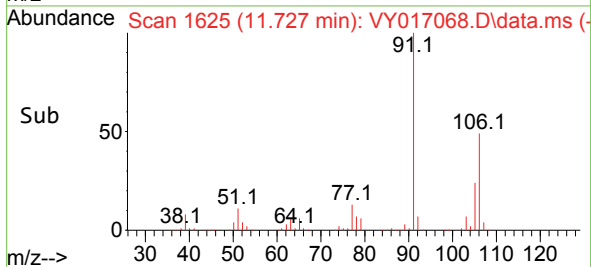
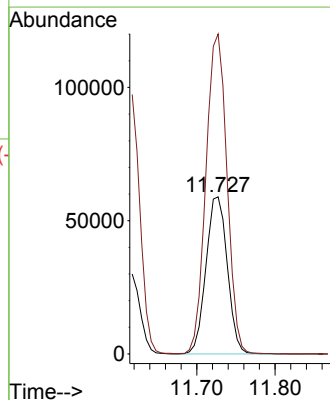
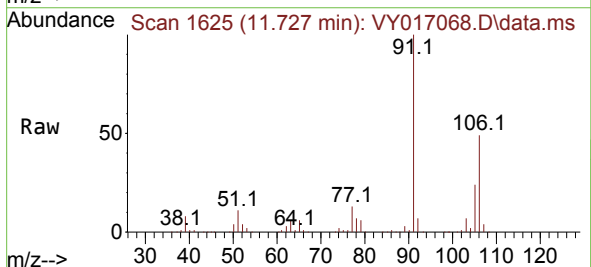
Acq: 22 Jan 2024 11:42

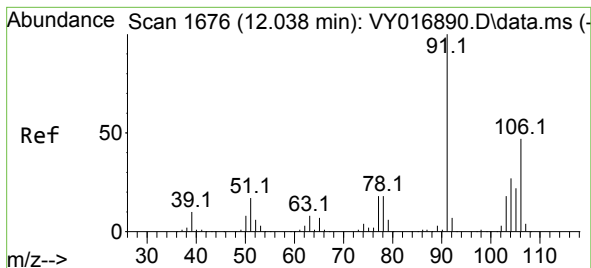
Tgt Ion:106 Resp: 111628

Ion Ratio Lower Upper

106 100

91 200.9 160.7 241.1





#69

o-Xylene

Concen: 19.810 ug/l

RT: 12.050 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017068.D

Acq: 22 Jan 2024 11:42

Instrument :

MSVOA_Y

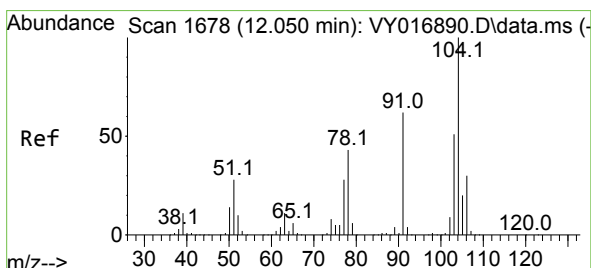
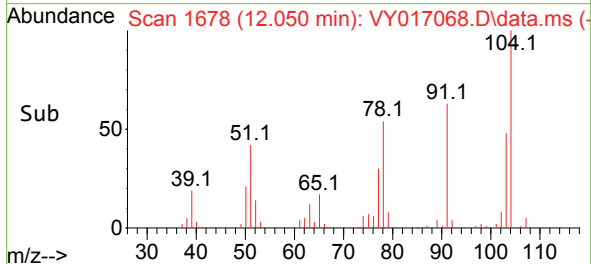
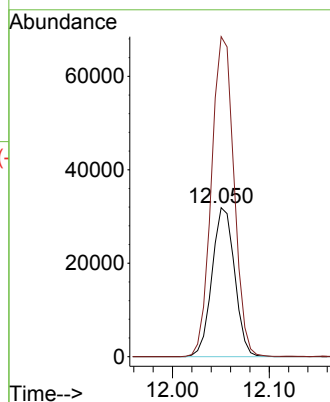
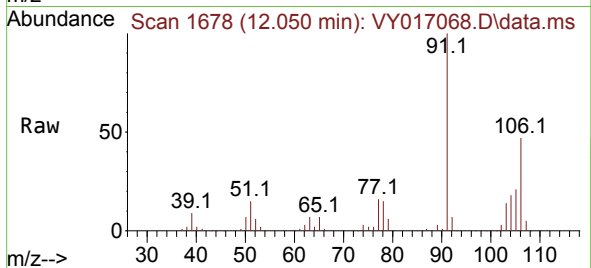
ClientSampleId :

Tgt Ion:106 Resp: 51674

Ion Ratio Lower Upper

106 100

91 214.3 106.5 319.5



#70

Styrene

Concen: 20.335 ug/l

RT: 12.069 min Scan# 1681

Delta R.T. 0.019 min

Lab File: VY017068.D

Acq: 22 Jan 2024 11:42

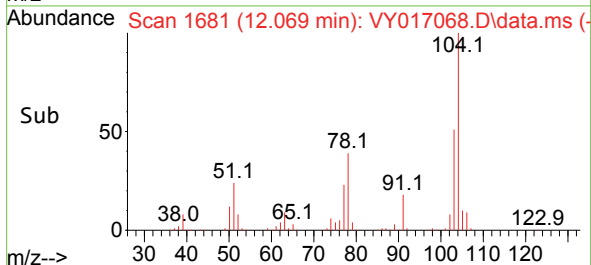
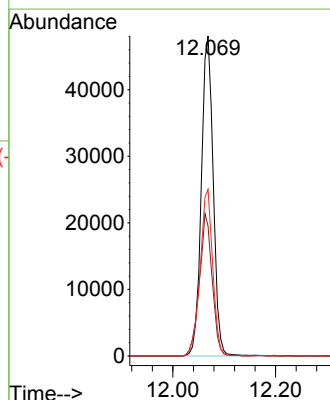
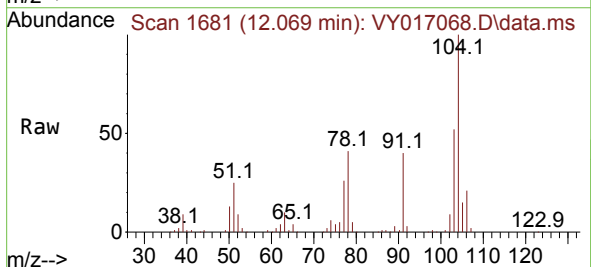
Tgt Ion:104 Resp: 77201

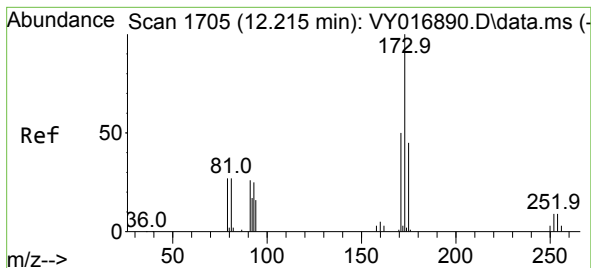
Ion Ratio Lower Upper

104 100

78 47.8 39.2 58.8

103 55.4 43.8 65.6





#71

Bromoform

Concen: 19.309 ug/l

RT: 12.233 min Scan# 11

Delta R.T. 0.018 min

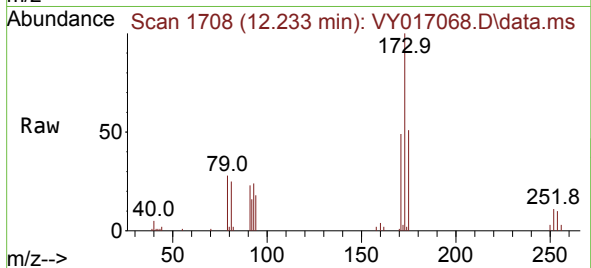
Lab File: VY017068.D

Acq: 22 Jan 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :



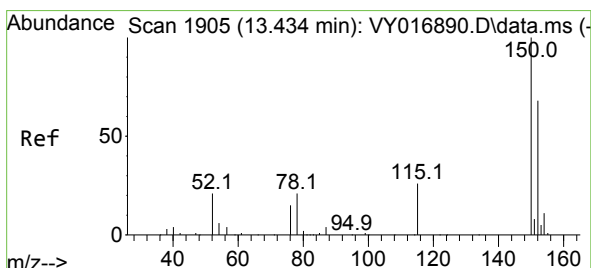
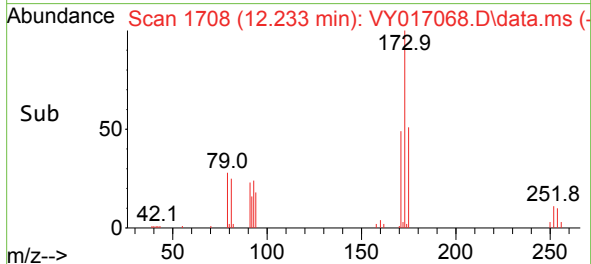
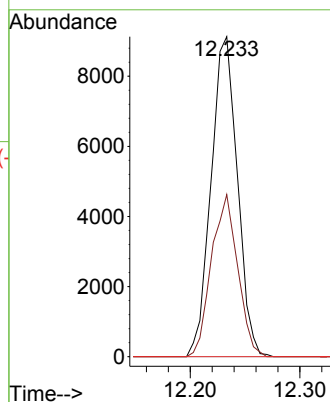
Tgt Ion:173 Resp: 15215

Ion Ratio Lower Upper

173 100

175 50.6 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY017068.D

Acq: 22 Jan 2024 11:42

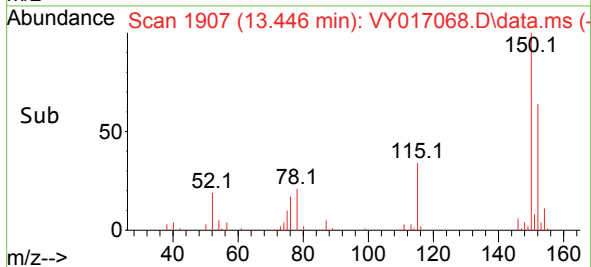
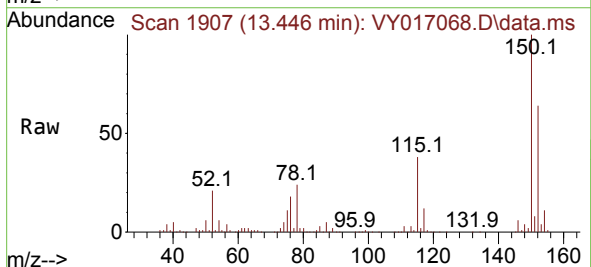
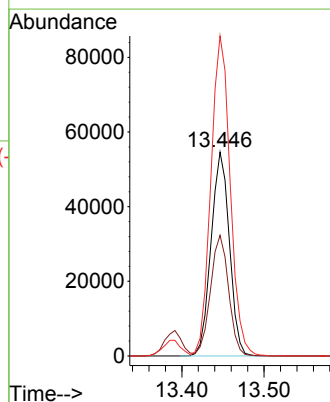
Tgt Ion:152 Resp: 84702

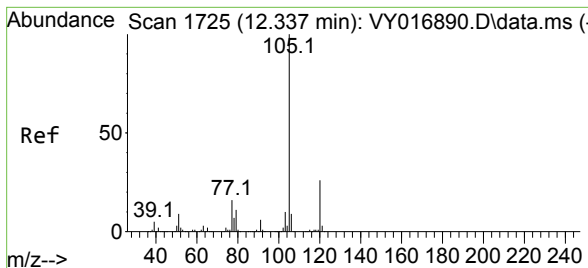
Ion Ratio Lower Upper

152 100

115 58.4 30.0 90.0

150 165.3 0.0 344.6





#73

Isopropylbenzene

Concen: 21.270 ug/l

RT: 12.349 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017068.D

Acq: 22 Jan 2024 11:42

Instrument :

MSVOA_Y

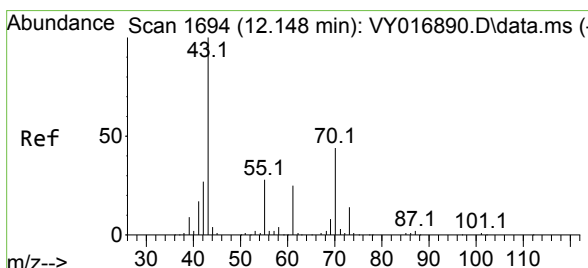
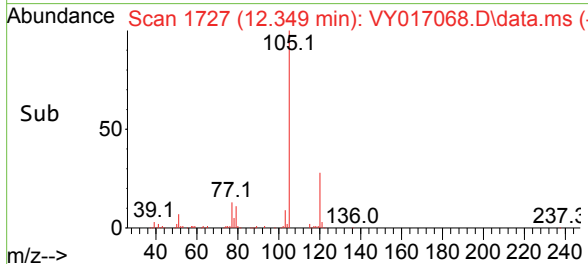
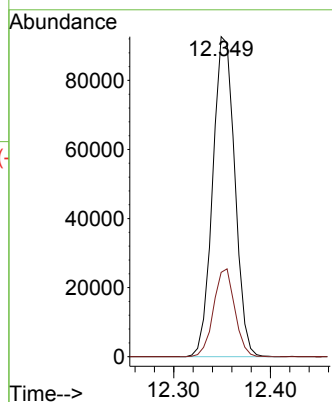
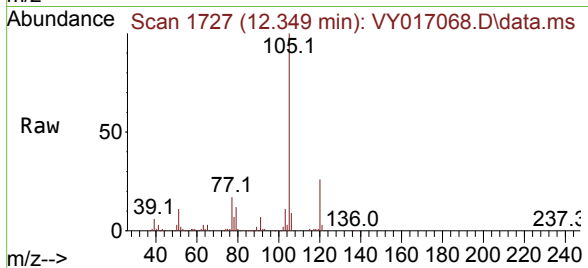
ClientSampleId :

Tgt Ion:105 Resp: 147122

Ion Ratio Lower Upper

105 100

120 26.3 13.0 39.0



#74

N-ethyl acetate

Concen: 18.688 ug/l

RT: 12.166 min Scan# 1697

Delta R.T. 0.012 min

Lab File: VY017068.D

Acq: 22 Jan 2024 11:42

Tgt Ion: 43 Resp: 25971

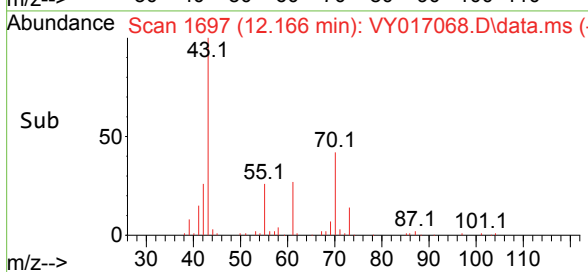
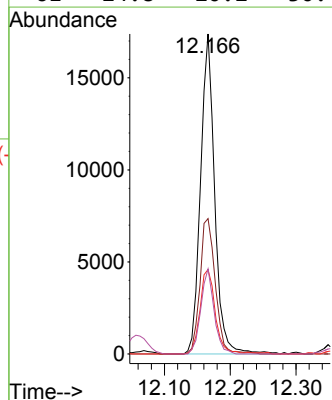
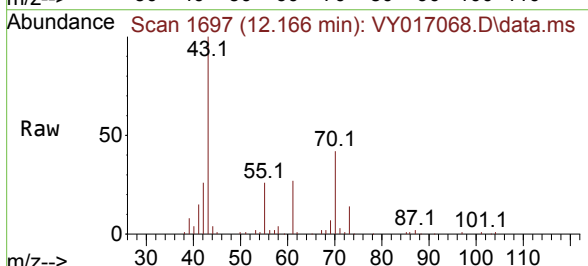
Ion Ratio Lower Upper

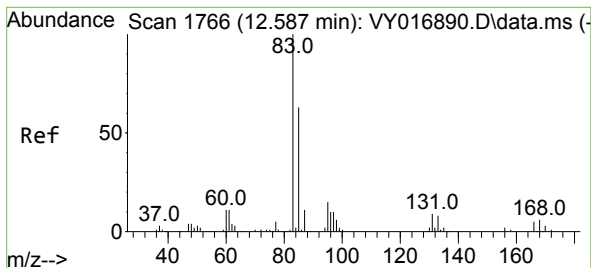
43 100

70 45.8 36.6 55.0

55 28.2 22.2 33.4

61 24.8 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.128 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. 0.006 min

Lab File: VY017068.D

Acq: 22 Jan 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

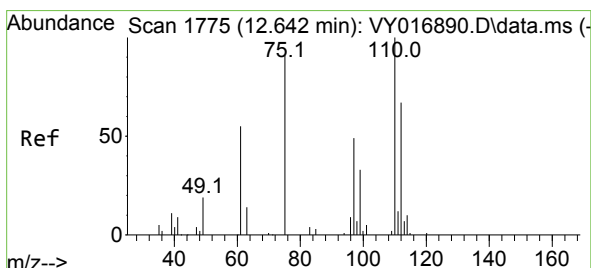
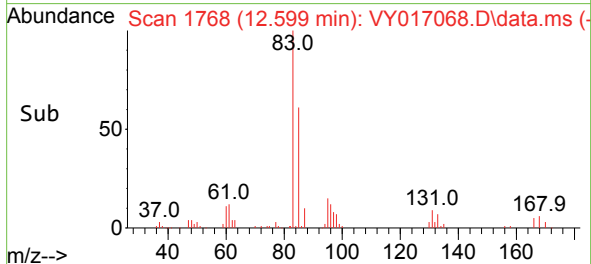
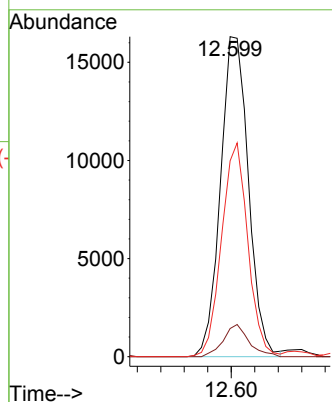
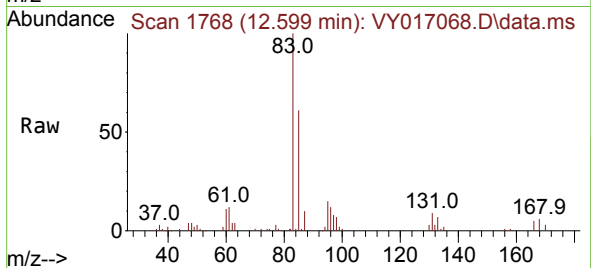
Tgt Ion: 83 Resp: 26958

Ion Ratio Lower Upper

83 100

131 9.2 4.9 14.6

85 62.8 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 34.838 ug/l

RT: 12.654 min Scan# 1777

Delta R.T. 0.012 min

Lab File: VY017068.D

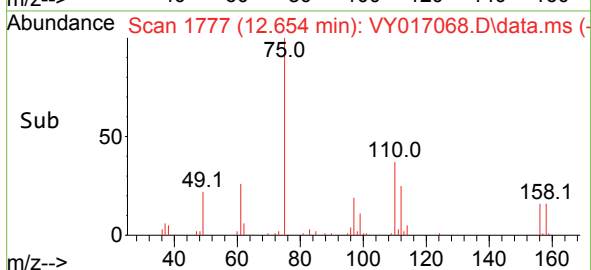
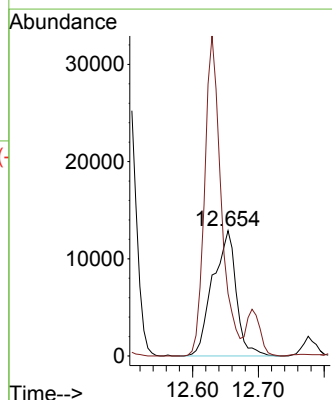
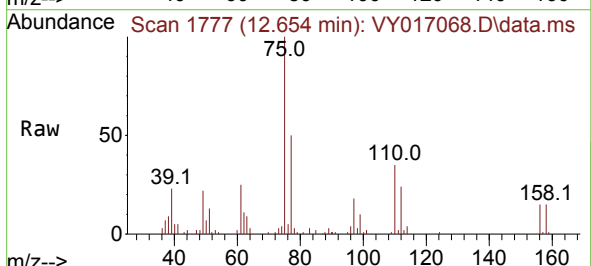
Acq: 22 Jan 2024 11:42

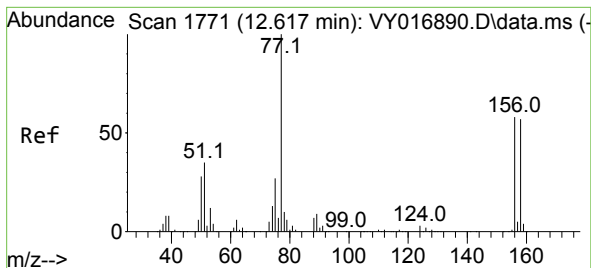
Tgt Ion: 75 Resp: 32022

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.909 ug/l

RT: 12.629 min Scan# 1771

Delta R.T. 0.012 min

Lab File: VY017068.D

Acq: 22 Jan 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

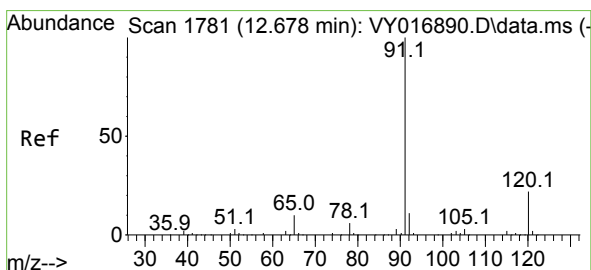
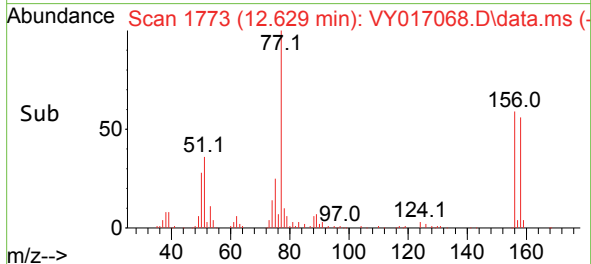
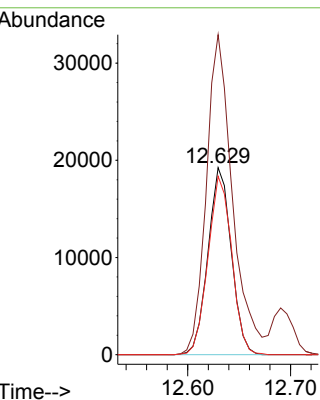
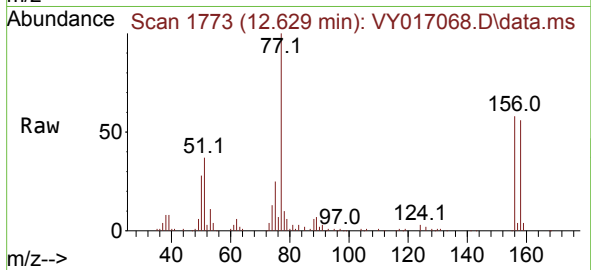
Tgt Ion:156 Resp: 30319

Ion Ratio Lower Upper

156 100

77 190.6 97.3 291.8

158 96.9 48.4 145.0



#78

n-propylbenzene

Concen: 21.172 ug/l

RT: 12.690 min Scan# 1783

Delta R.T. 0.012 min

Lab File: VY017068.D

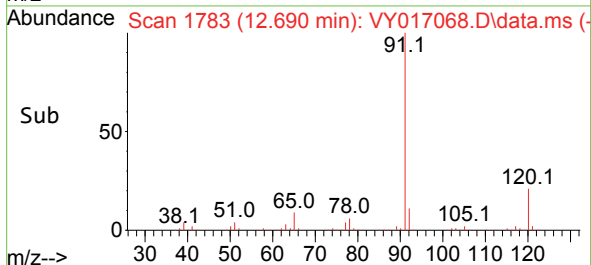
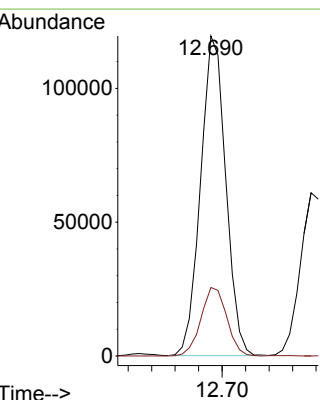
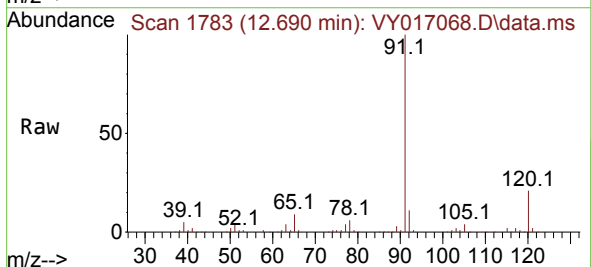
Acq: 22 Jan 2024 11:42

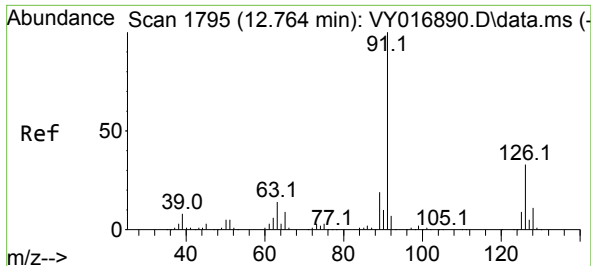
Tgt Ion: 91 Resp: 178036

Ion Ratio Lower Upper

91 100

120 22.0 11.0 33.0





#79

2-Chlorotoluene

Concen: 20.943 ug/l

RT: 12.776 min Scan# 1

Delta R.T. 0.013 min

Lab File: VY017068.D

Acq: 22 Jan 2024 11:42

Instrument :

MSVOA_Y

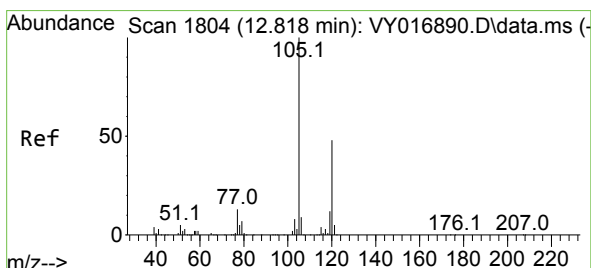
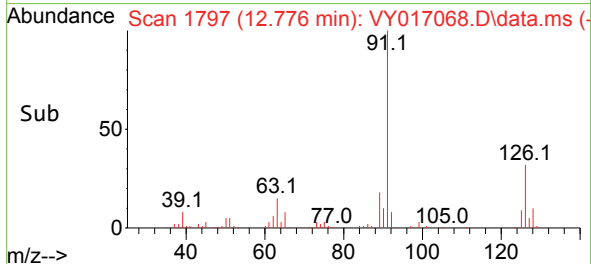
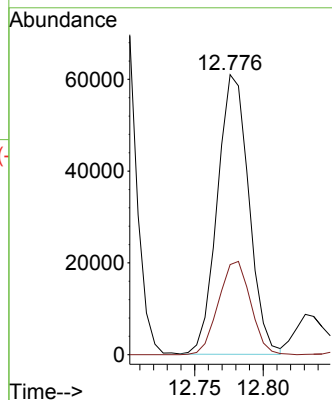
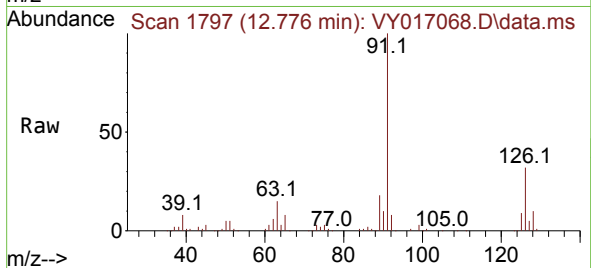
ClientSampleId :

Tgt Ion: 91 Resp: 97656

Ion Ratio Lower Upper

91 100

126 33.9 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 21.360 ug/l

RT: 12.831 min Scan# 1806

Delta R.T. 0.013 min

Lab File: VY017068.D

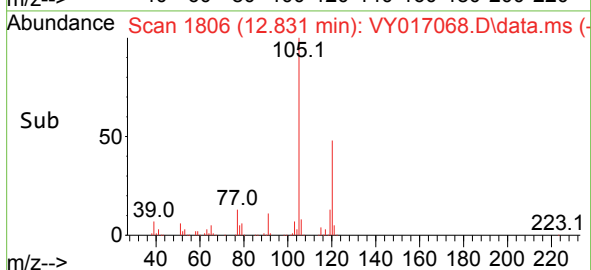
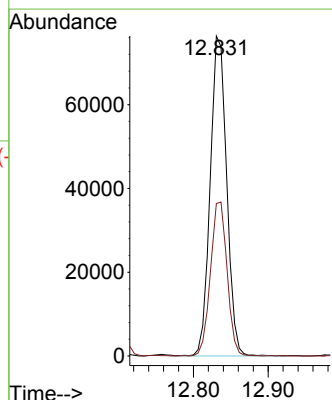
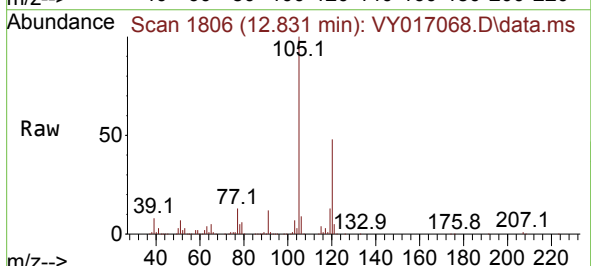
Acq: 22 Jan 2024 11:42

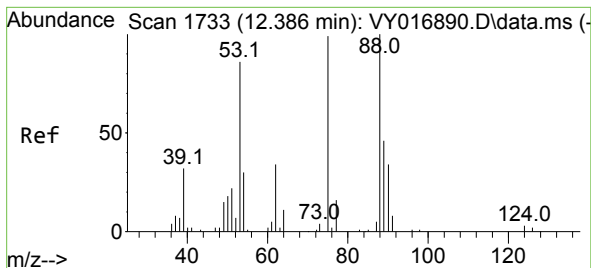
Tgt Ion:105 Resp: 116846

Ion Ratio Lower Upper

105 100

120 48.5 24.3 72.8

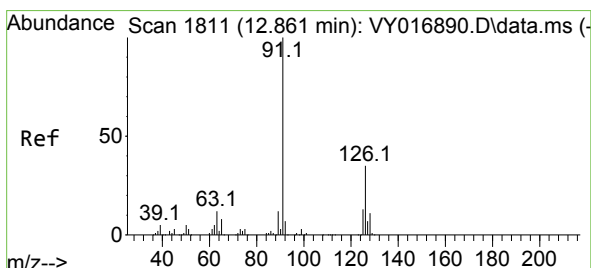
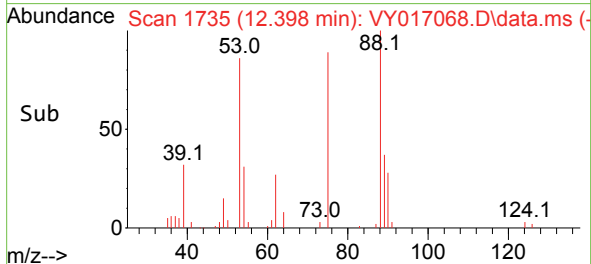
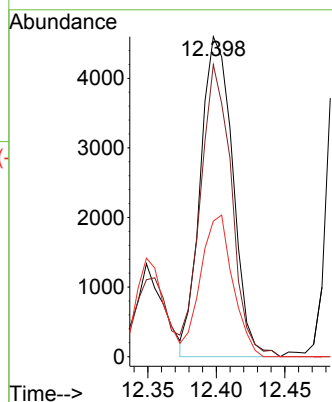
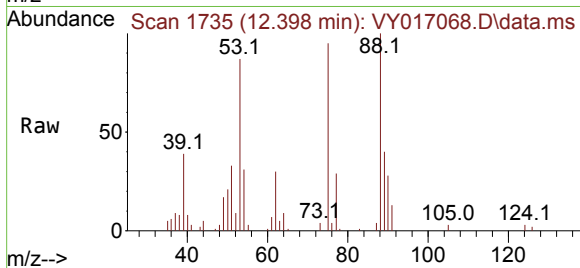




#81
trans-1,4-Dichloro-2-butene
Concen: 18.647 ug/l
RT: 12.398 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY017068.D
Acq: 22 Jan 2024 11:42

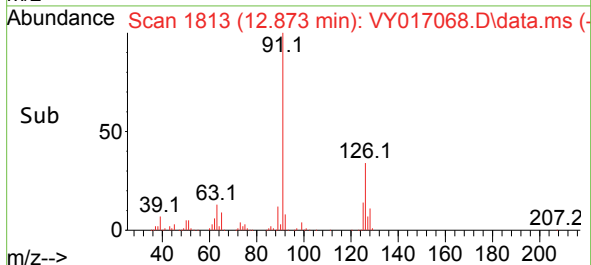
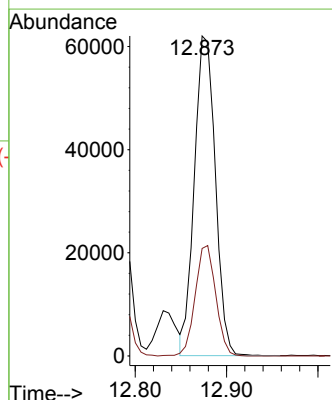
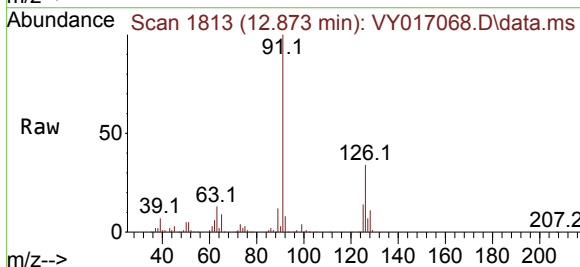
Instrument :
MSVOA_Y
ClientSampleId :

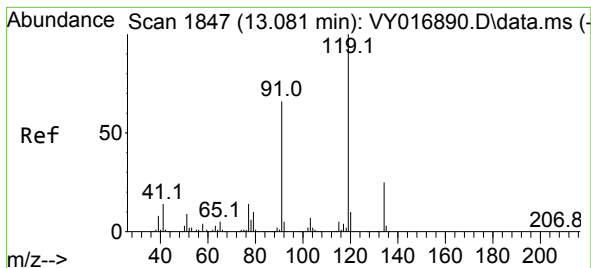
Tgt Ion: 75 Resp: 7548
Ion Ratio Lower Upper
75 100
53 87.3 74.0 111.0
89 44.2 36.5 54.7



#82
4-Chlorotoluene
Concen: 20.770 ug/l
RT: 12.873 min Scan# 1813
Delta R.T. 0.012 min
Lab File: VY017068.D
Acq: 22 Jan 2024 11:42

Tgt Ion: 91 Resp: 98945
Ion Ratio Lower Upper
91 100
126 33.9 17.1 51.2





#83

tert-Butylbenzene

Concen: 21.697 ug/l

RT: 13.093 min Scan# 1849

Delta R.T. 0.006 min

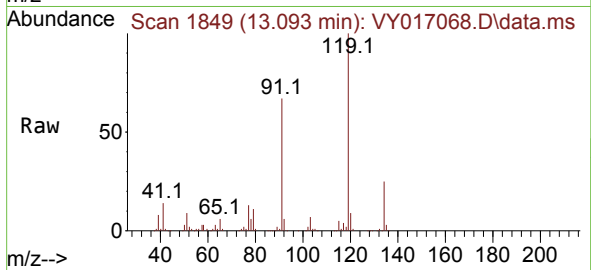
Lab File: VY017068.D

Acq: 22 Jan 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :



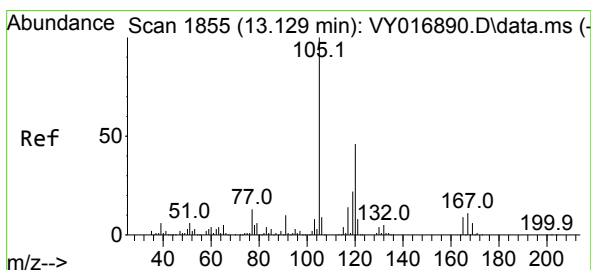
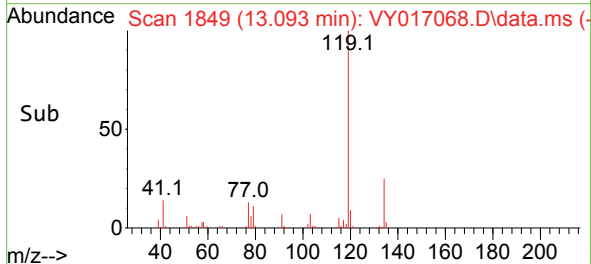
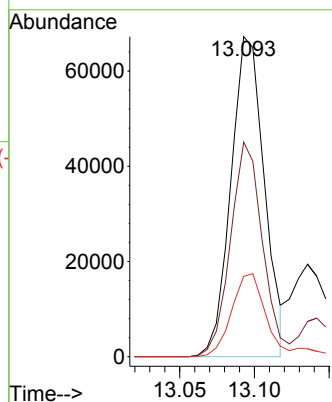
Tgt Ion:119 Resp: 104541

Ion Ratio Lower Upper

119 100

91 64.4 31.5 94.5

134 27.9 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 21.044 ug/l

RT: 13.142 min Scan# 1857

Delta R.T. 0.013 min

Lab File: VY017068.D

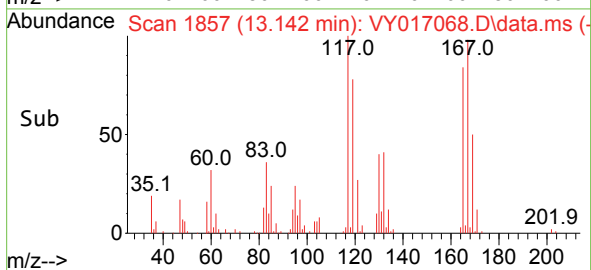
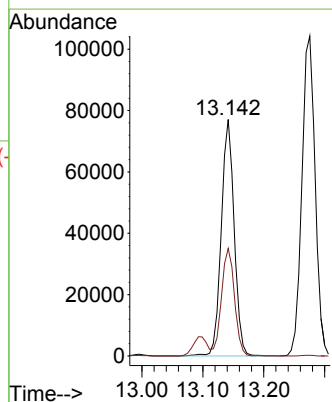
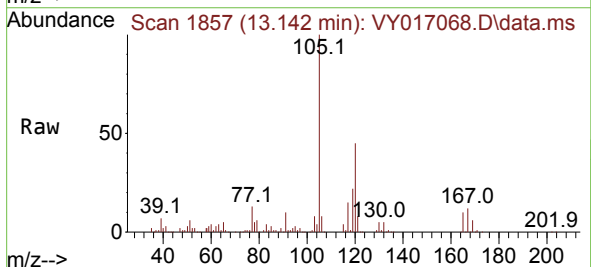
Acq: 22 Jan 2024 11:42

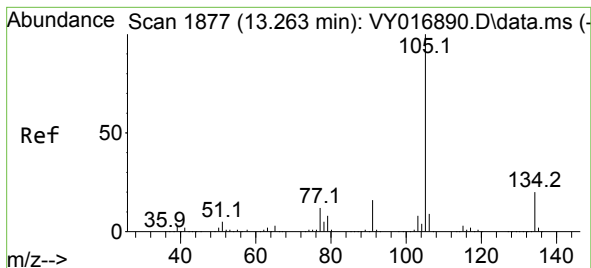
Tgt Ion:105 Resp: 113368

Ion Ratio Lower Upper

105 100

120 46.0 22.1 66.3





#85

sec-Butylbenzene

Concen: 22.006 ug/l

RT: 13.276 min Scan# 1879

Delta R.T. 0.013 min

Lab File: VY017068.D

Acq: 22 Jan 2024 11:42

Instrument :

MSVOA_Y

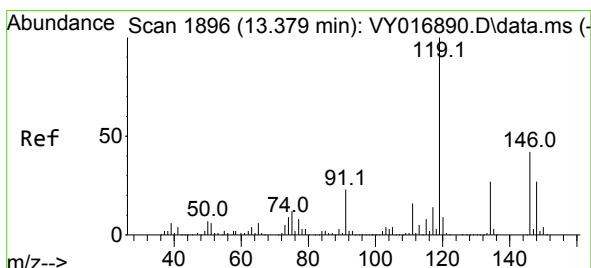
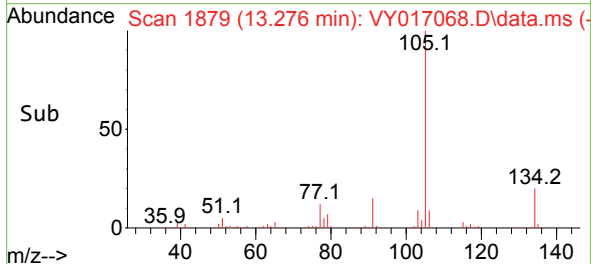
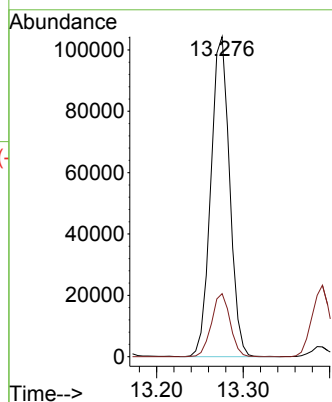
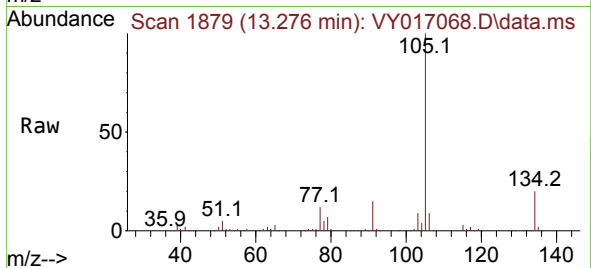
ClientSampleId :

Tgt Ion:105 Resp: 157108

Ion Ratio Lower Upper

105 100

134 19.5 9.7 28.9



#86

p-Isopropyltoluene

Concen: 21.506 ug/l

RT: 13.392 min Scan# 1898

Delta R.T. 0.013 min

Lab File: VY017068.D

Acq: 22 Jan 2024 11:42

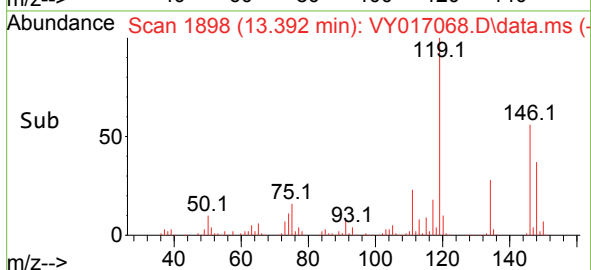
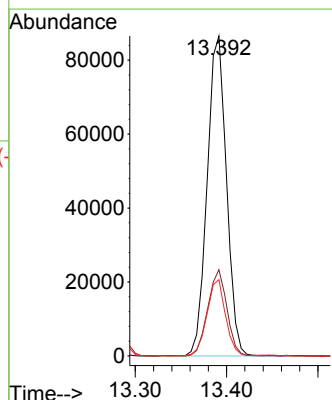
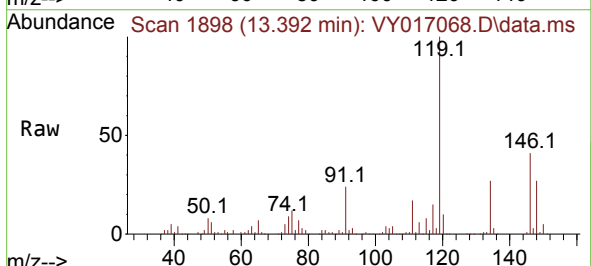
Tgt Ion:119 Resp: 126713

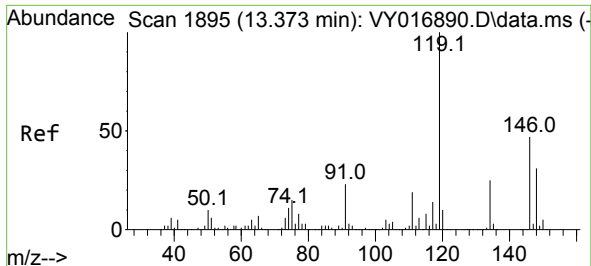
Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.1

91 22.9 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 20.469 ug/l

RT: 13.385 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017068.D

Acq: 22 Jan 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

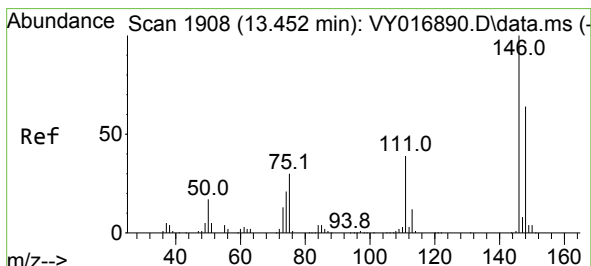
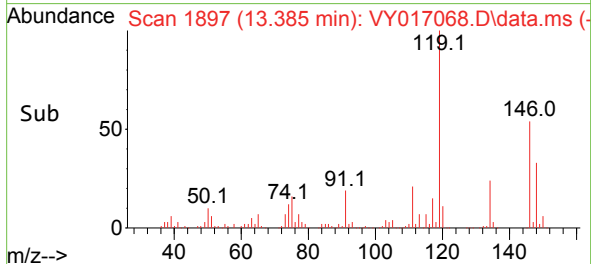
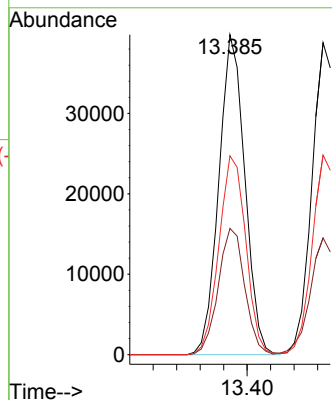
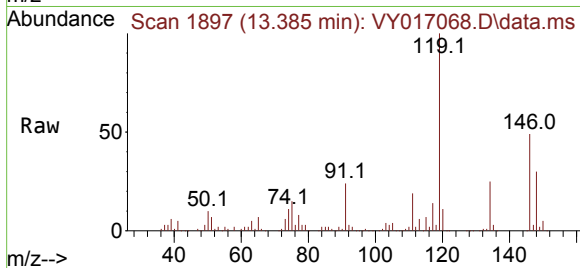
Tgt Ion:146 Resp: 61135

Ion Ratio Lower Upper

146 100

111 40.2 20.2 60.5

148 64.4 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 20.731 ug/l

RT: 13.465 min Scan# 1910

Delta R.T. 0.013 min

Lab File: VY017068.D

Acq: 22 Jan 2024 11:42

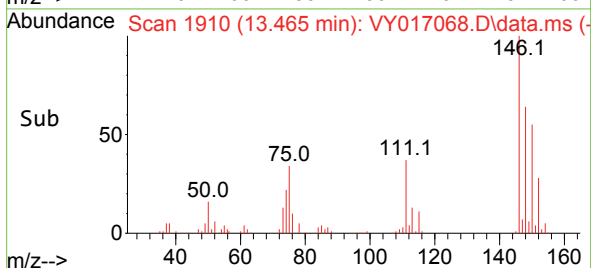
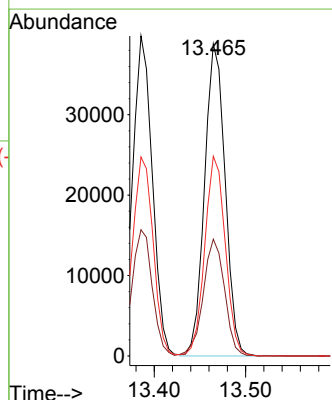
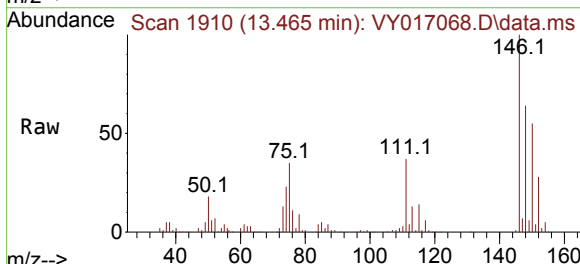
Tgt Ion:146 Resp: 60561

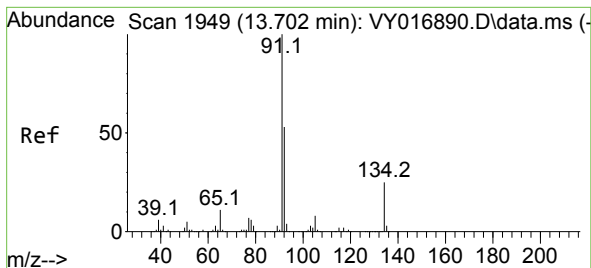
Ion Ratio Lower Upper

146 100

111 38.9 19.3 57.9

148 64.0 31.6 94.7





#89

n-Butylbenzene

Concen: 21.318 ug/l

RT: 13.715 min Scan# 1949

Delta R.T. 0.013 min

Lab File: VY017068.D

Acq: 22 Jan 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

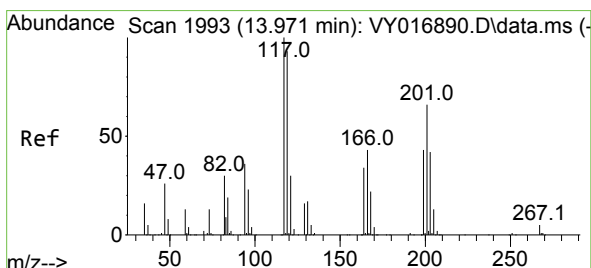
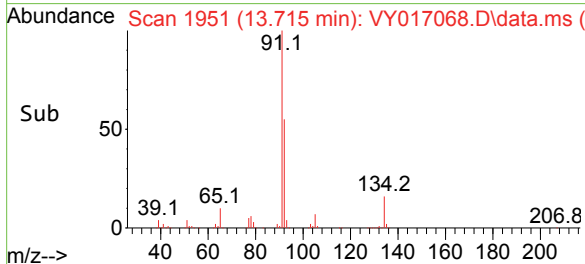
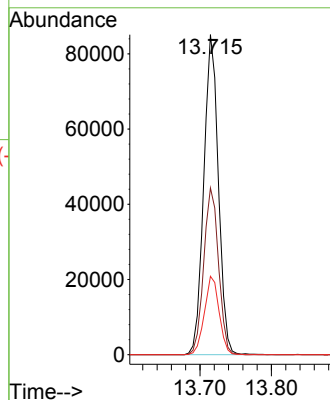
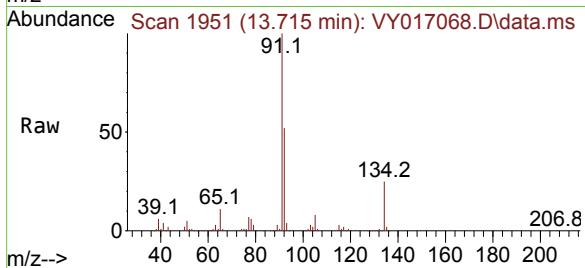
Tgt Ion: 91 Resp: 120768

Ion Ratio Lower Upper

91 100

92 52.8 26.4 79.2

134 24.7 12.3 36.8



#90

Hexachloroethane

Concen: 20.900 ug/l

RT: 13.983 min Scan# 1995

Delta R.T. 0.012 min

Lab File: VY017068.D

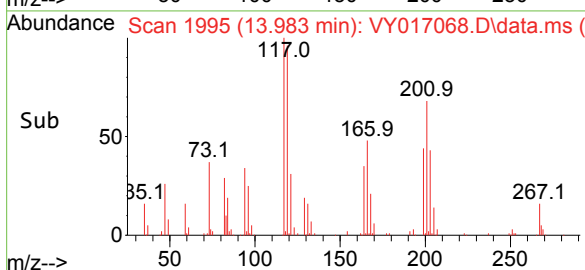
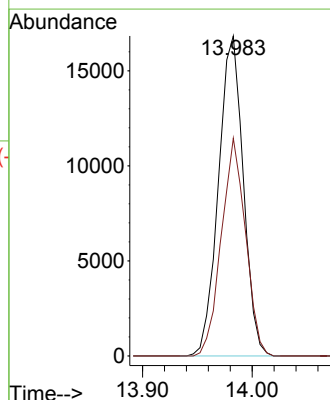
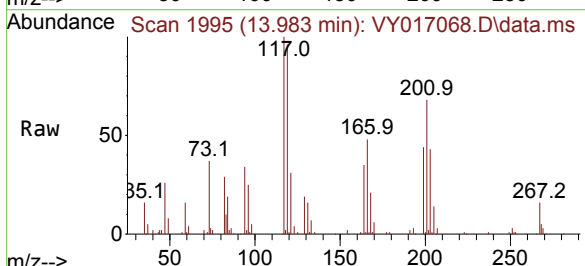
Acq: 22 Jan 2024 11:42

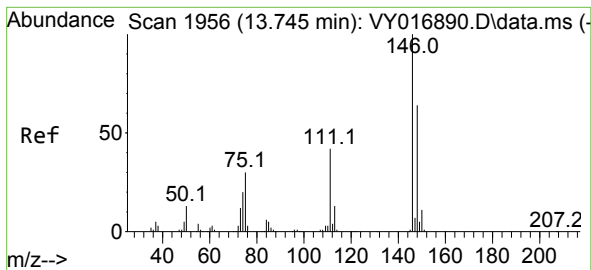
Tgt Ion: 117 Resp: 26462

Ion Ratio Lower Upper

117 100

201 66.4 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 20.600 ug/l

RT: 13.757 min Scan# 1956

Delta R.T. 0.006 min

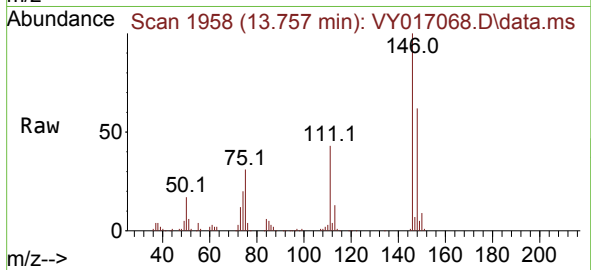
Lab File: VY017068.D

Acq: 22 Jan 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :



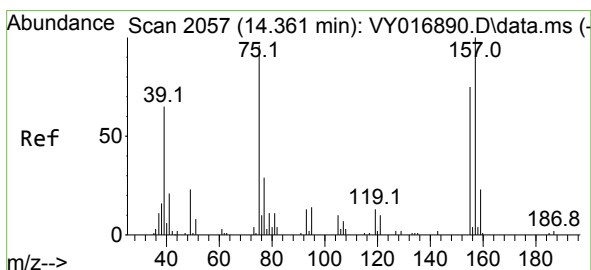
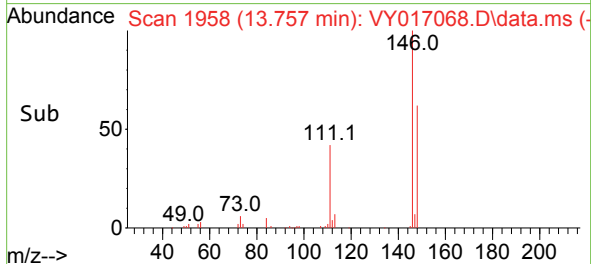
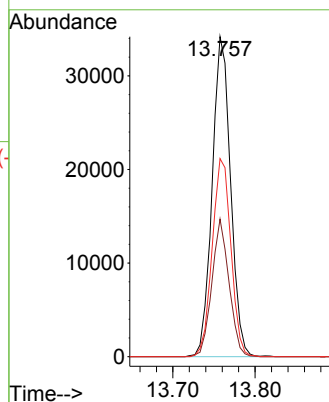
Tgt Ion:146 Resp: 53169

Ion Ratio Lower Upper

146 100

111 40.2 20.5 61.6

148 62.9 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.330 ug/l

RT: 14.379 min Scan# 2060

Delta R.T. 0.012 min

Lab File: VY017068.D

Acq: 22 Jan 2024 11:42

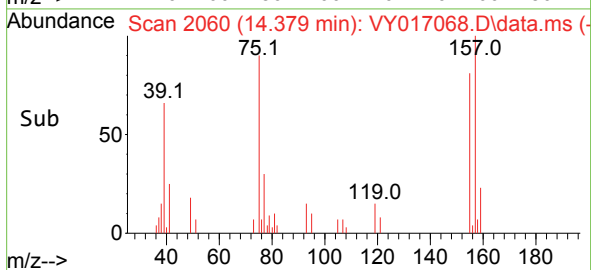
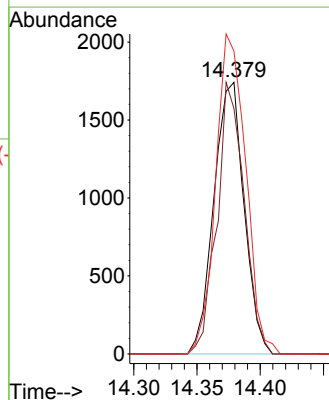
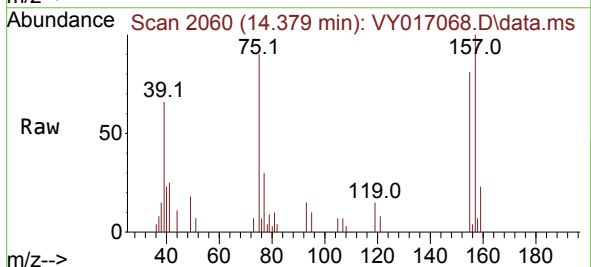
Tgt Ion: 75 Resp: 2886

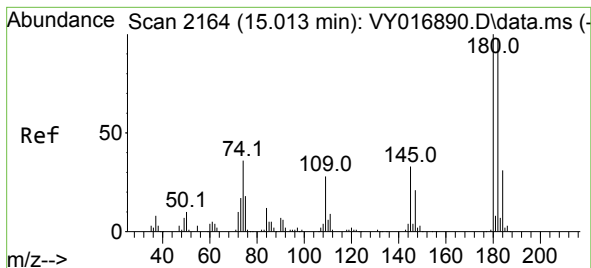
Ion Ratio Lower Upper

75 100

155 90.1 42.1 126.3

157 116.9 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 19.767 ug/l

RT: 15.025 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY017068.D

Acq: 22 Jan 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

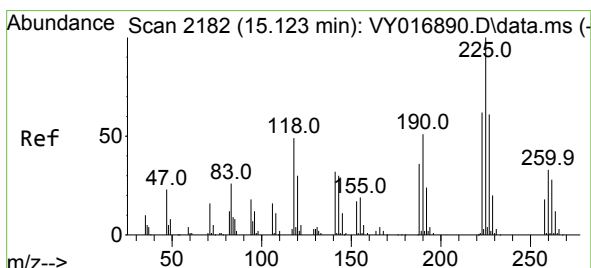
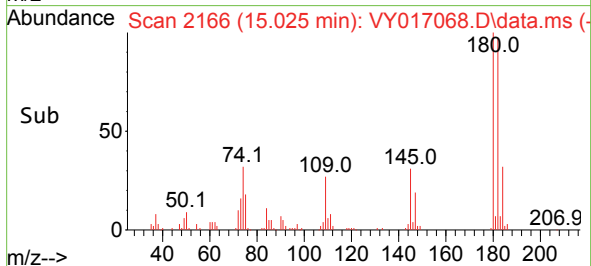
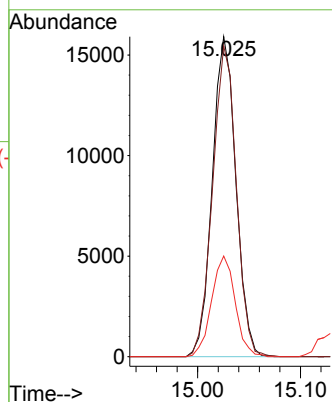
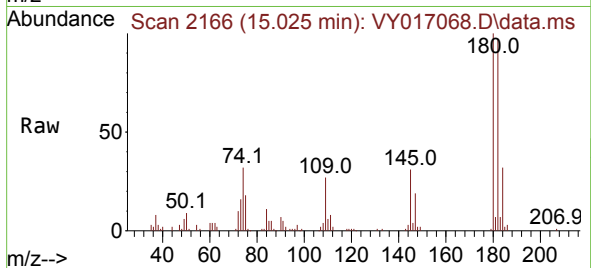
Tgt Ion:180 Resp: 25335

Ion Ratio Lower Upper

180 100

182 97.6 47.9 143.7

145 31.5 15.9 47.7



#94

Hexachlorobutadiene

Concen: 20.754 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY017068.D

Acq: 22 Jan 2024 11:42

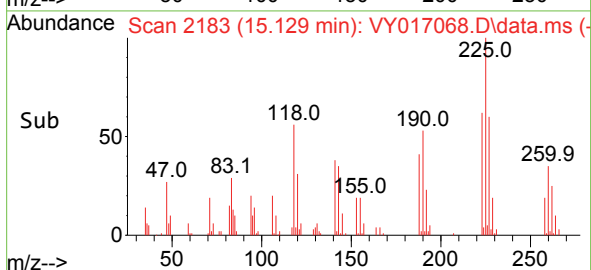
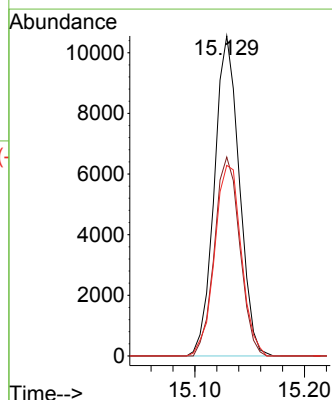
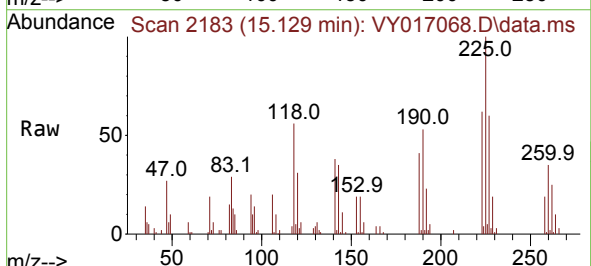
Tgt Ion:225 Resp: 16664

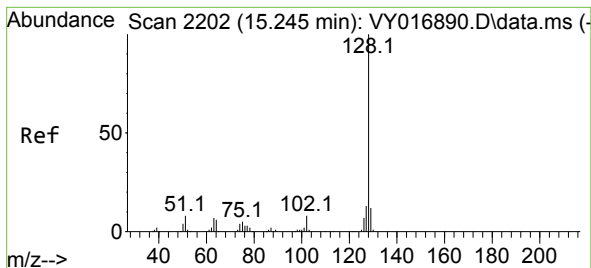
Ion Ratio Lower Upper

225 100

223 63.1 31.4 94.3

227 63.8 32.3 96.8





#95

Naphthalene

Concen: 19.392 ug/l

RT: 15.257 min Scan# 2204

Delta R.T. 0.012 min

Lab File: VY017068.D

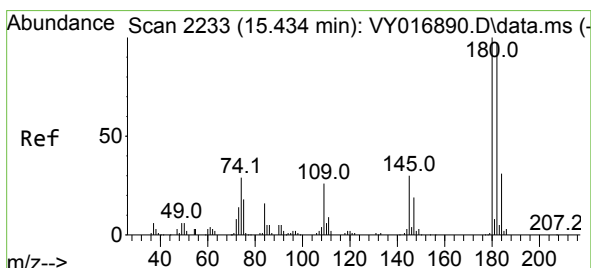
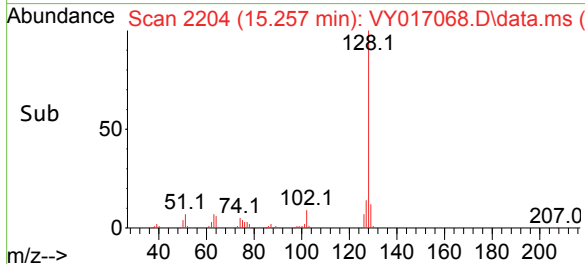
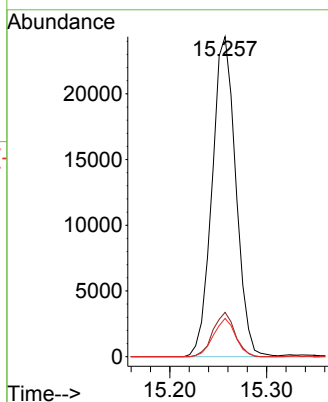
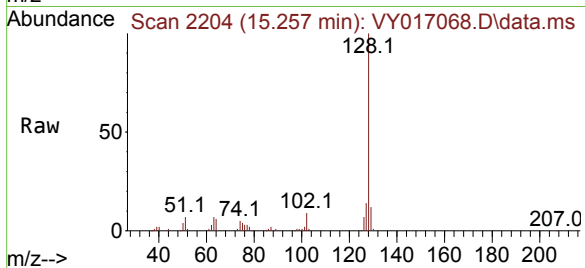
Acq: 22 Jan 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	41458
Ion Ratio	Lower	Upper
128	100	
127	12.9	10.2 15.4
129	11.1	8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 19.171 ug/l

RT: 15.446 min Scan# 2235

Delta R.T. 0.012 min

Lab File: VY017068.D

Acq: 22 Jan 2024 11:42

Tgt Ion:180	Resp:	20864
Ion Ratio	Lower	Upper
180	100	
182	93.8	46.3 138.8
145	32.5	16.1 48.2

