

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012224\
 Data File : VY017067.D
 Acq On : 22 Jan 2024 11:19
 Operator : SY/MD
 Sample : VY0122SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 23 01:42:44 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	149327	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	249689	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	211947	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.447	152	92415	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	66136	44.811	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.620%
35) Dibromofluoromethane	7.752	113	74768	46.991	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.980%
50) Toluene-d8	10.203	98	249817	45.595	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.200%
62) 4-Bromofluorobenzene	12.502	95	85816	46.423	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.840%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.924	85	20610	16.290	ug/l	97
3) Chloromethane	2.131	50	26364	15.029	ug/l	100
4) Vinyl Chloride	2.272	62	33442	16.162	ug/l	98
5) Bromomethane	2.668	94	26904	18.150	ug/l	99
6) Chloroethane	2.820	64	23980	17.133	ug/l	99
7) Trichlorofluoromethane	3.156	101	48590	19.059	ug/l	97
8) Diethyl Ether	3.558	74	15076	18.504	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.936	101	32641	19.691	ug/l	98
10) Methyl Iodide	4.131	142	21608	15.322	ug/l	99
11) Tert butyl alcohol	4.991	59	13522	106.941	ug/l #	86
12) 1,1-Dichloroethene	3.906	96	25444	17.890	ug/l	98
13) Acrolein	3.759	56	14980	87.976	ug/l	97
14) Allyl chloride	4.521	41	40058	17.816	ug/l	100
15) Acrylonitrile	5.204	53	38224	100.299	ug/l	98
16) Acetone	3.979	43	49563	124.099	ug/l	99
17) Carbon Disulfide	4.235	76	44195	13.005	ug/l	99
18) Methyl Acetate	4.515	43	27410	17.335	ug/l	99
19) Methyl tert-butyl Ether	5.265	73	74557	20.149	ug/l	98
20) Methylene Chloride	4.759	84	34683	12.499	ug/l	99
21) trans-1,2-Dichloroethene	5.259	96	28161	17.288	ug/l	98
22) Diisopropyl ether	6.161	45	104603	20.123	ug/l	97
23) Vinyl Acetate	6.100	43	241296	101.235	ug/l	99
24) 1,1-Dichloroethane	6.058	63	60598	19.399	ug/l	99
25) 2-Butanone	7.027	43	60170	114.198	ug/l	98
26) 2,2-Dichloropropane	7.015	77	52843	19.510	ug/l	99
27) cis-1,2-Dichloroethene	7.021	96	36712	19.226	ug/l	97
28) Bromochloromethane	7.368	49	20207	17.231	ug/l	99
29) Tetrahydrofuran	7.393	42	28923	96.825	ug/l	99
30) Chloroform	7.539	83	64206	19.945	ug/l	97
31) Cyclohexane	7.819	56	43770	17.279	ug/l	97
32) 1,1,1-Trichloroethane	7.740	97	53163	19.477	ug/l	99
36) 1,1-Dichloropropene	7.954	75	43223	18.640	ug/l	100
37) Ethyl Acetate	7.112	43	21487	20.391	ug/l	98
38) Carbon Tetrachloride	7.935	117	46715	19.829	ug/l	98
39) Methylcyclohexane	9.216	83	46775	17.944	ug/l	95
40) Benzene	8.191	78	130705	18.790	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	10930	19.694	ug/l #	85
42) 1,2-Dichloroethane	8.271	62	35685	19.324	ug/l	99
43) Isopropyl Acetate	8.301	43	39695	19.671	ug/l	97
44) Trichloroethene	8.972	130	34170	19.305	ug/l	93
45) 1,2-Dichloropropane	9.246	63	34601	19.308	ug/l	96
46) Dibromomethane	9.337	93	17714	19.382	ug/l	100
47) Bromodichloromethane	9.526	83	48718	19.851	ug/l	97
48) Methyl methacrylate	9.319	41	20836	19.133	ug/l	95
49) 1,4-Dioxane	9.331	88	3979	420.475	ug/l	97
51) 4-Methyl-2-Pentanone	10.093	43	111184	103.603	ug/l	99
52) Toluene	10.270	92	82206	19.582	ug/l	100
53) t-1,3-Dichloropropene	10.490	75	42891	19.511	ug/l	97
54) cis-1,3-Dichloropropene	9.953	75	51673	19.573	ug/l	99
55) 1,1,2-Trichloroethane	10.667	97	27384	20.509	ug/l	99
56) Ethyl methacrylate	10.532	69	22578	19.964	ug/l	98
57) 1,3-Dichloropropane	10.813	76	44370	19.904	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.807	63	50860	83.921	ug/l	100
59) 2-Hexanone	10.856	43	86615	109.610	ug/l	100
60) Dibromochloromethane	11.008	129	31811	20.660	ug/l	97
61) 1,2-Dibromoethane	11.112	107	23445	20.210	ug/l	98
64) Tetrachloroethene	10.746	164	27066	19.697	ug/l	98
65) Chlorobenzene	11.538	112	88786	20.109	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.611	131	34388	20.488	ug/l	98
67) Ethyl Benzene	11.618	91	160883	20.240	ug/l	100
68) m/p-Xylenes	11.721	106	118650	40.665	ug/l	100
69) o-Xylene	12.050	106	54684	19.992	ug/l	98
70) Styrene	12.069	104	82268	20.665	ug/l	99
71) Bromoform	12.233	173	16888	20.439	ug/l #	95
73) Isopropylbenzene	12.349	105	157356	20.851	ug/l	99
74) N-amyl acetate	12.166	43	32024	21.121	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.605	83	31204	20.293	ug/l	99
76) 1,2,3-Trichloropropane	12.654	75	36195	36.091	ug/l #	100
77) Bromobenzene	12.630	156	33188	19.974	ug/l	99
78) n-propylbenzene	12.691	91	193284	21.067	ug/l	100
79) 2-Chlorotoluene	12.776	91	103951	20.433	ug/l	100
80) 1,3,5-Trimethylbenzene	12.831	105	125370	21.005	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.398	75	8594	19.459	ug/l	99
82) 4-Chlorotoluene	12.873	91	107489	20.681	ug/l	100
83) tert-Butylbenzene	13.099	119	113554	21.601	ug/l	100
84) 1,2,4-Trimethylbenzene	13.142	105	124836	21.239	ug/l	98
85) sec-Butylbenzene	13.276	105	167997	21.567	ug/l	100
86) p-Isopropyltoluene	13.392	119	138887	21.604	ug/l	99
87) 1,3-Dichlorobenzene	13.386	146	66735	20.479	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	66380	20.827	ug/l	99
89) n-Butylbenzene	13.715	91	136082	22.016	ug/l	99
90) Hexachloroethane	13.983	117	28744	20.808	ug/l	99
91) 1,2-Dichlorobenzene	13.764	146	58572	20.799	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.379	75	3774	19.573	ug/l	99
93) 1,2,4-Trichlorobenzene	15.032	180	30259	21.638	ug/l	99
94) Hexachlorobutadiene	15.129	225	19203	21.920	ug/l	99
95) Naphthalene	15.257	128	49295	21.005	ug/l	98
96) 1,2,3-Trichlorobenzene	15.446	180	25039	21.087	ug/l	99

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QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration

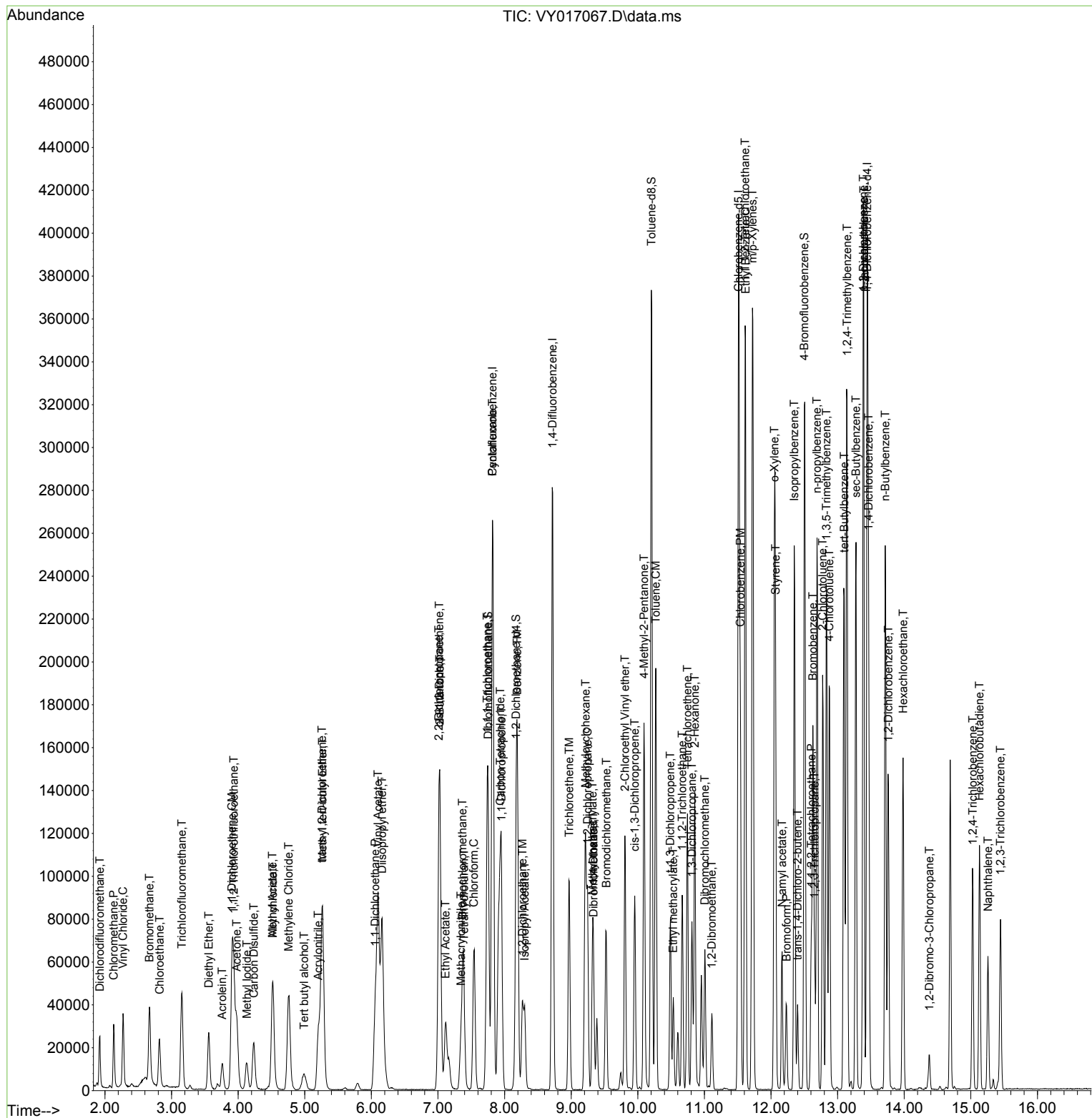
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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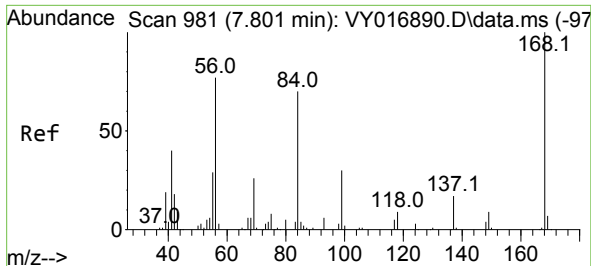
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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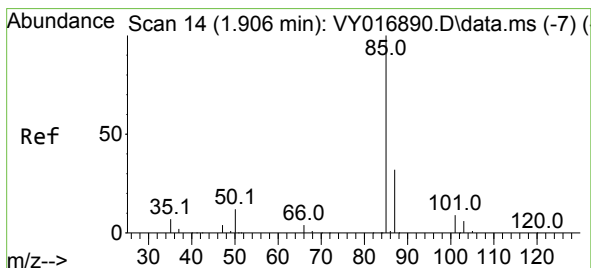
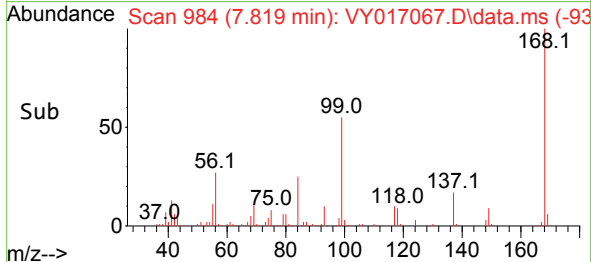
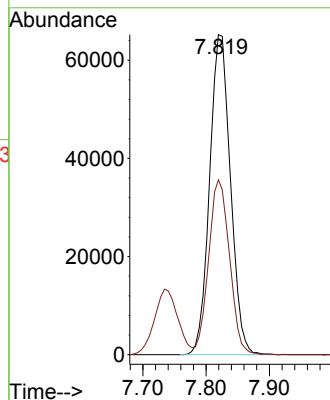
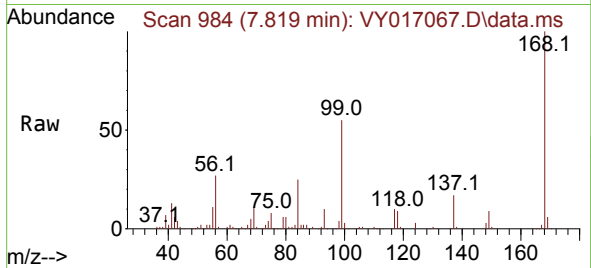




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
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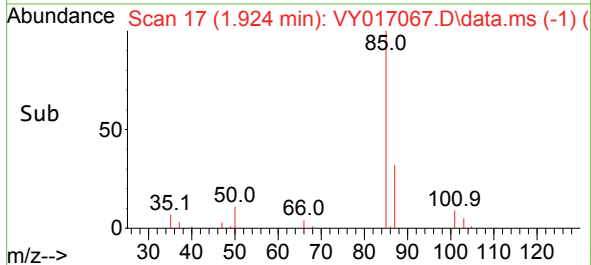
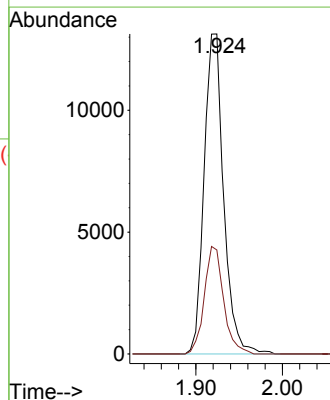
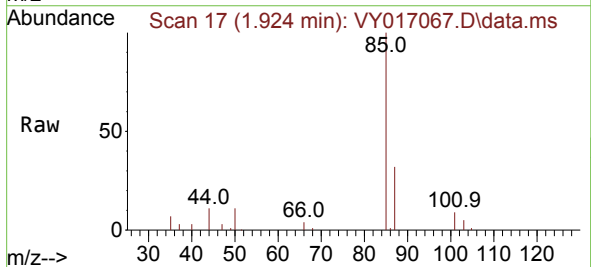
Instrument :
MSVOA_Y
ClientSampleId :

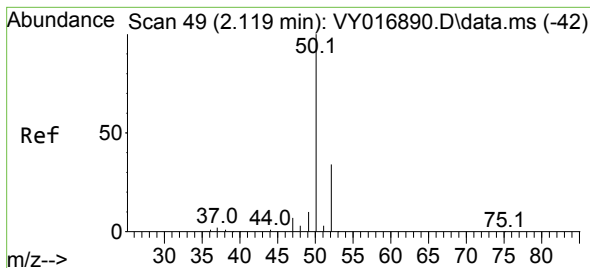
Tgt Ion:168 Resp: 149327
Ion Ratio Lower Upper
168 100
99 54.7 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 16.290 ug/l
RT: 1.924 min Scan# 17
Delta R.T. 0.012 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19

Tgt Ion: 85 Resp: 20610
Ion Ratio Lower Upper
85 100
87 32.5 17.1 51.3





#3

Chloromethane

Concen: 15.029 ug/l

RT: 2.131 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY017067.D

Acq: 22 Jan 2024 11:19

Instrument :

MSVOA_Y

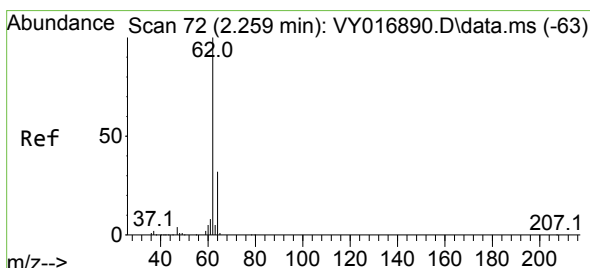
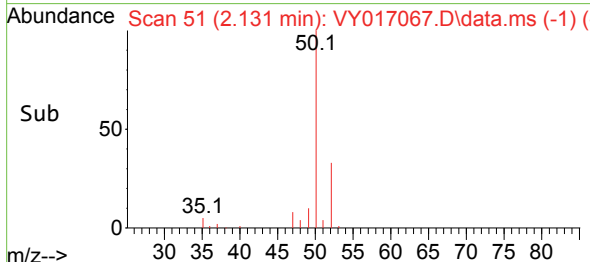
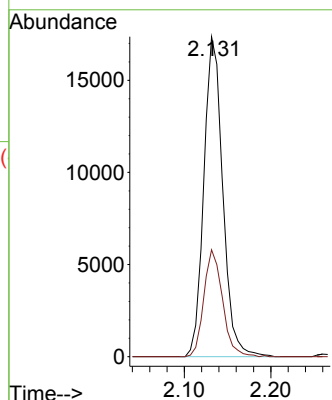
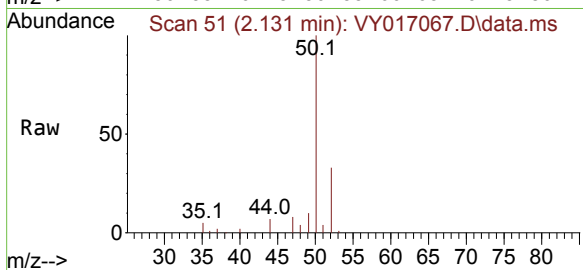
ClientSampleId :

Tgt Ion: 50 Resp: 26364

Ion Ratio Lower Upper

50 100

52 33.4 26.7 40.1



#4

Vinyl Chloride

Concen: 16.162 ug/l

RT: 2.272 min Scan# 74

Delta R.T. 0.013 min

Lab File: VY017067.D

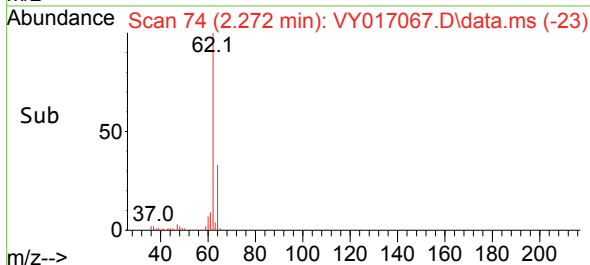
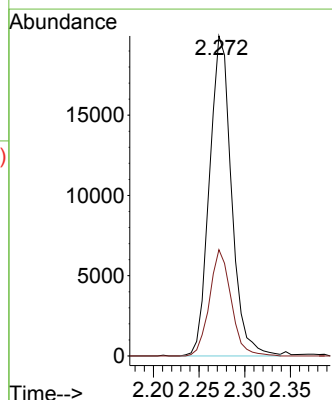
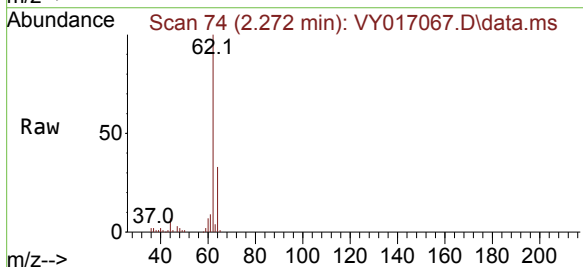
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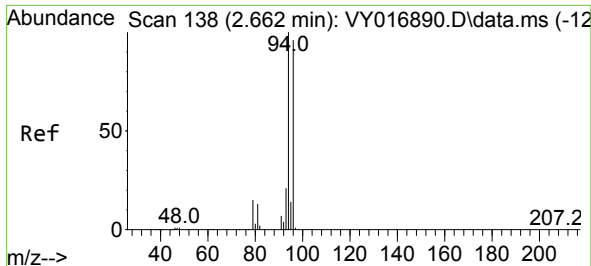
Tgt Ion: 62 Resp: 33442

Ion Ratio Lower Upper

62 100

64 33.2 25.7 38.5

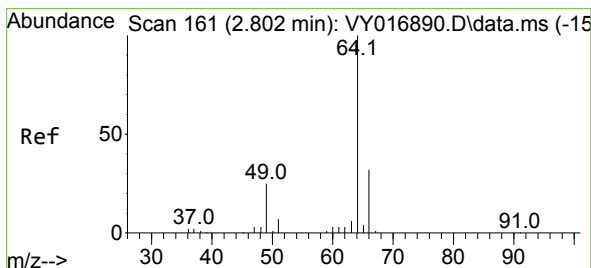
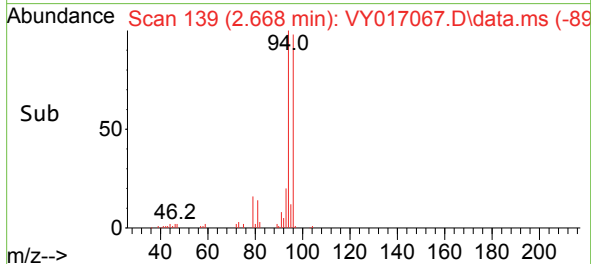
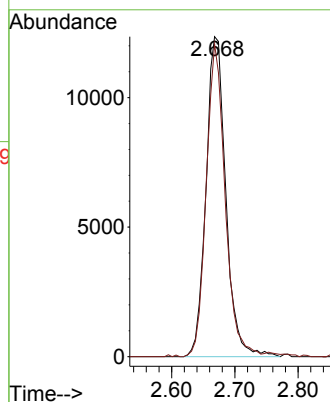
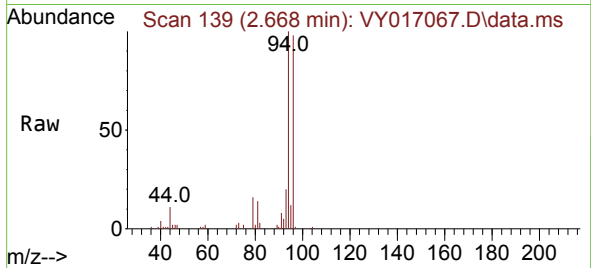




#5
Bromomethane
Concen: 18.150 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19

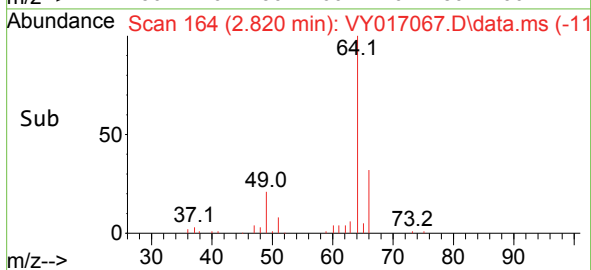
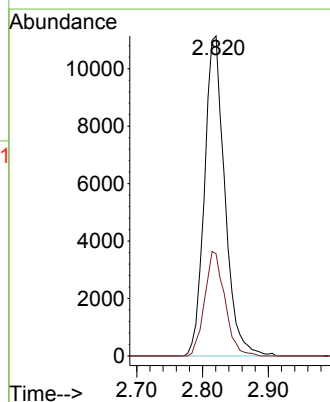
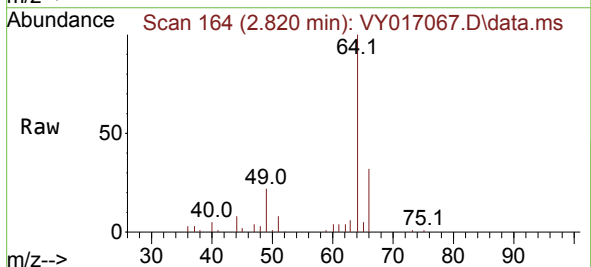
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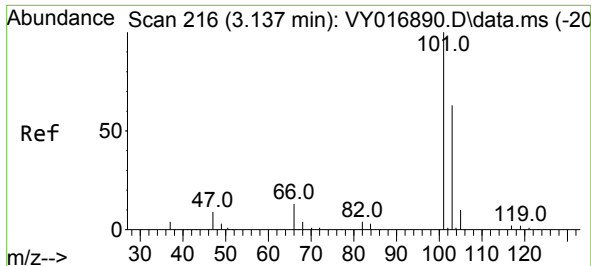
Tgt Ion: 94 Resp: 26904
Ion Ratio Lower Upper
94 100
96 97.6 77.3 115.9



#6
Chloroethane
Concen: 17.133 ug/l
RT: 2.820 min Scan# 164
Delta R.T. 0.012 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19

Tgt Ion: 64 Resp: 23980
Ion Ratio Lower Upper
64 100
66 32.0 25.1 37.7

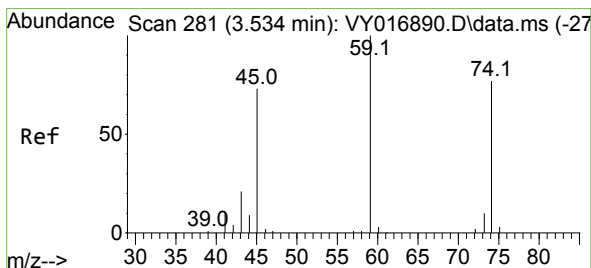
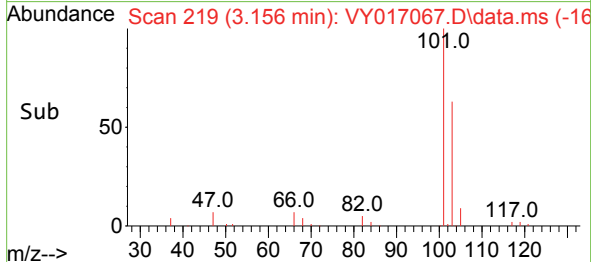
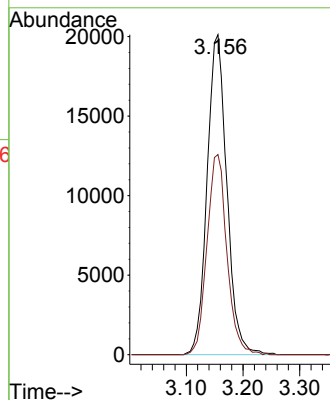
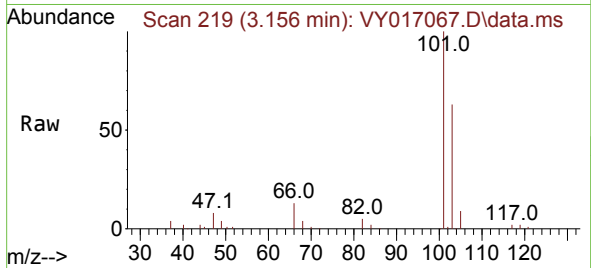




#7
 Trichlorofluoromethane
 Concen: 19.059 ug/l
 RT: 3.156 min Scan# 216
 Delta R.T. 0.019 min
 Lab File: VY017067.D
 Acq: 22 Jan 2024 11:19

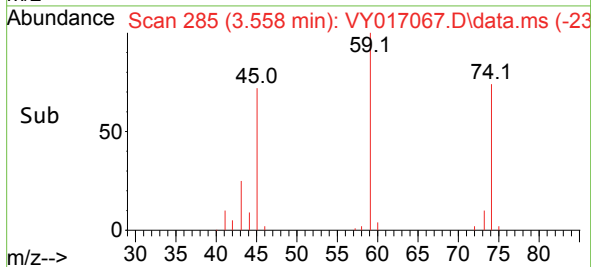
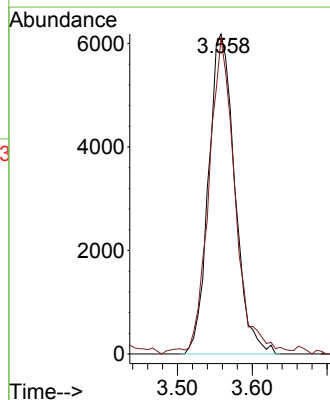
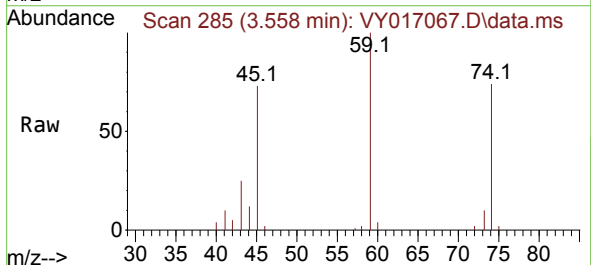
Instrument :
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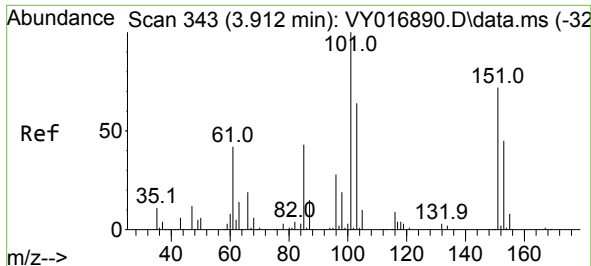
Tgt Ion:101 Resp: 48590
 Ion Ratio Lower Upper
 101 100
 103 62.5 51.9 77.9



#8
 Diethyl Ether
 Concen: 18.504 ug/l
 RT: 3.558 min Scan# 285
 Delta R.T. 0.018 min
 Lab File: VY017067.D
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Tgt Ion: 74 Resp: 15076
 Ion Ratio Lower Upper
 74 100
 45 99.6 47.9 143.7

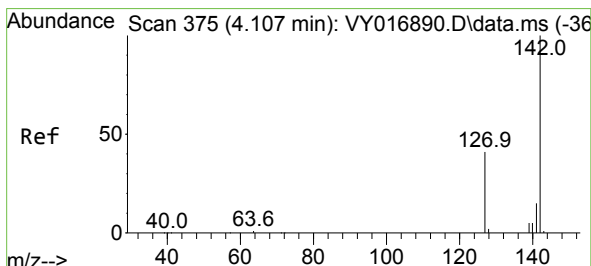
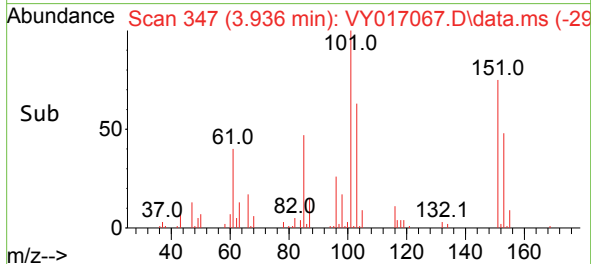
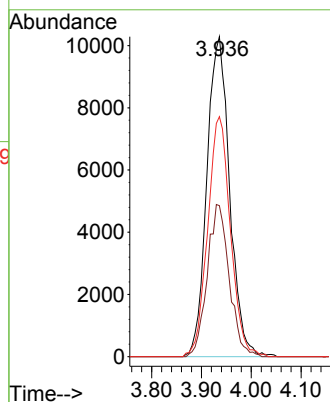
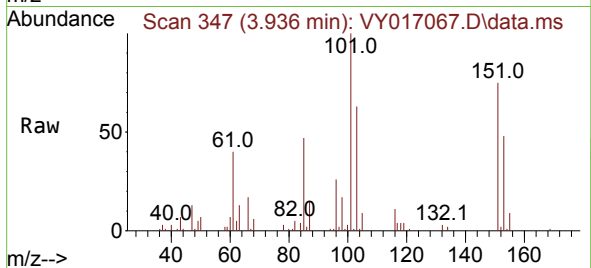




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.691 ug/l
RT: 3.936 min Scan# 34
Delta R.T. 0.025 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19

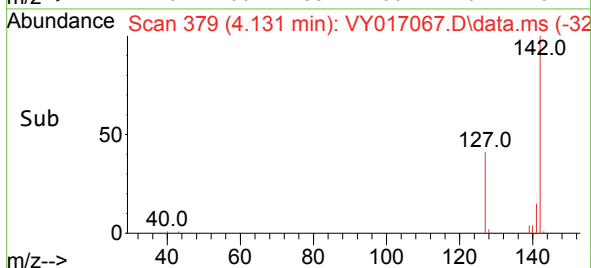
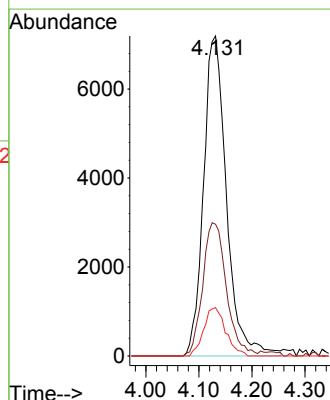
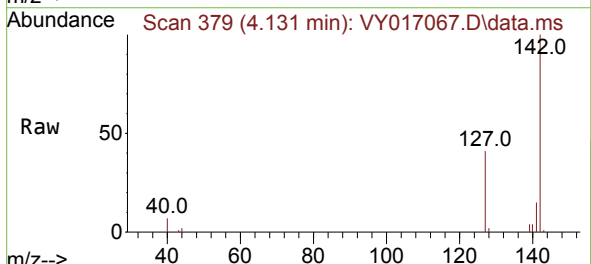
Instrument :
MSVOA_Y
ClientSampleId :

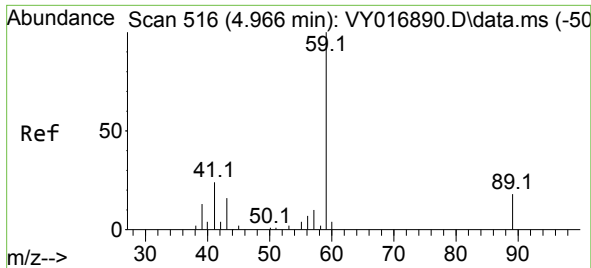
Tgt Ion:101 Resp: 32641
Ion Ratio Lower Upper
101 100
85 45.9 35.8 53.6
151 75.0 58.6 88.0



#10
Methyl Iodide
Concen: 15.322 ug/l
RT: 4.131 min Scan# 379
Delta R.T. 0.025 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19

Tgt Ion:142 Resp: 21608
Ion Ratio Lower Upper
142 100
127 43.0 35.1 52.7
141 14.5 11.8 17.6

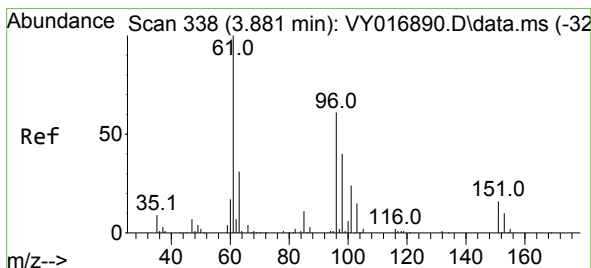
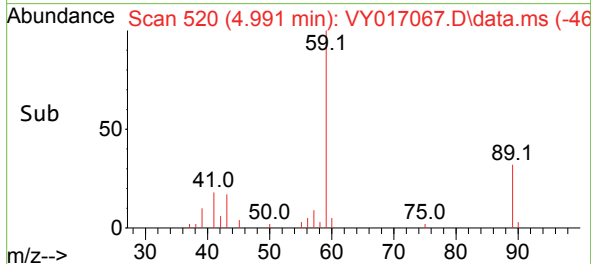
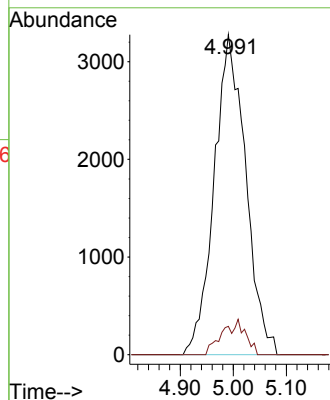
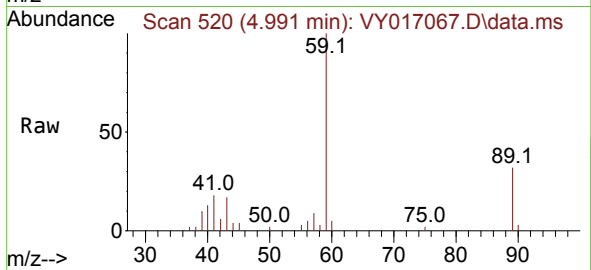




#11
Tert butyl alcohol
Concen: 106.941 ug/l
RT: 4.991 min Scan# 516
Delta R.T. 0.025 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19

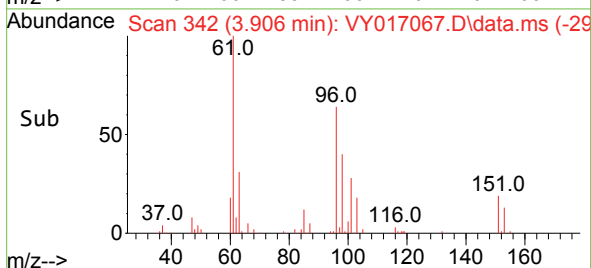
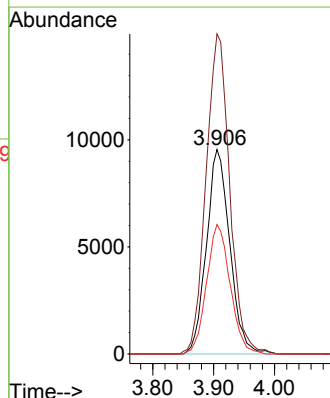
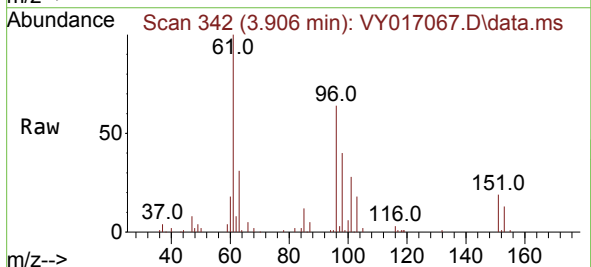
Instrument :
MSVOA_Y
ClientSampleId :

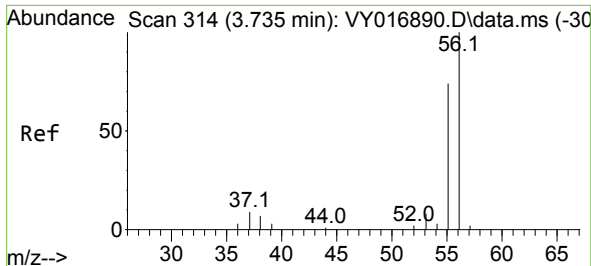
Tgt Ion: 59 Resp: 13522
Ion Ratio Lower Upper
59 100
57 4.1 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 17.890 ug/l
RT: 3.906 min Scan# 342
Delta R.T. 0.019 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19

Tgt Ion: 96 Resp: 25444
Ion Ratio Lower Upper
96 100
61 156.5 124.2 186.2
98 63.3 52.6 79.0





#13

Acrolein

Concen: 87.976 ug/l

RT: 3.759 min Scan# 314

Delta R.T. 0.018 min

Lab File: VY017067.D

Acq: 22 Jan 2024 11:19

Instrument :

MSVOA_Y

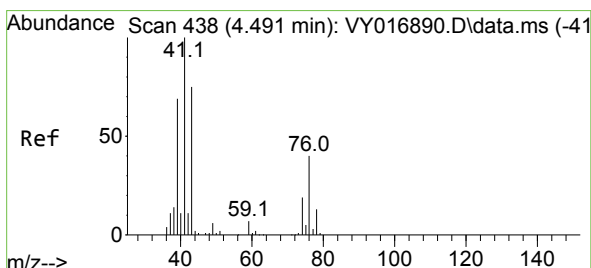
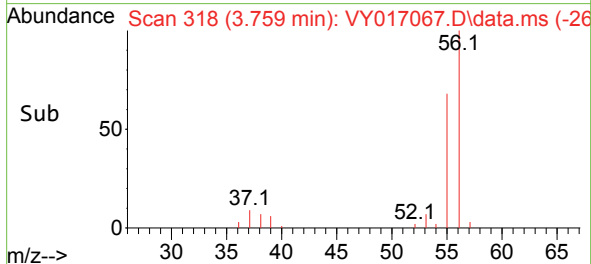
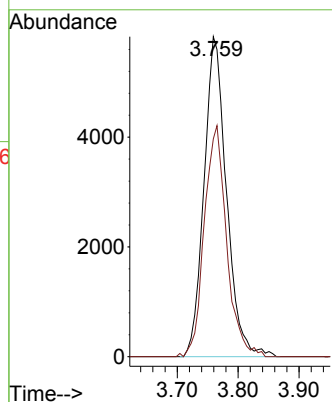
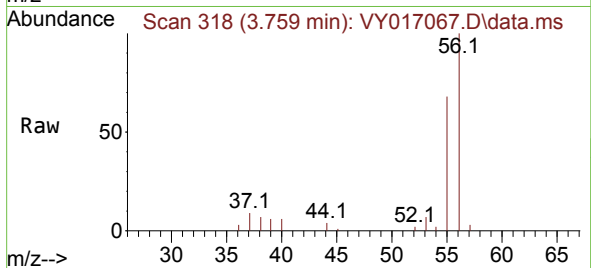
ClientSampleId :

Tgt Ion: 56 Resp: 14980

Ion Ratio Lower Upper

56 100

55 71.7 55.4 83.0



#14

Allyl chloride

Concen: 17.816 ug/l

RT: 4.521 min Scan# 443

Delta R.T. 0.024 min

Lab File: VY017067.D

Acq: 22 Jan 2024 11:19

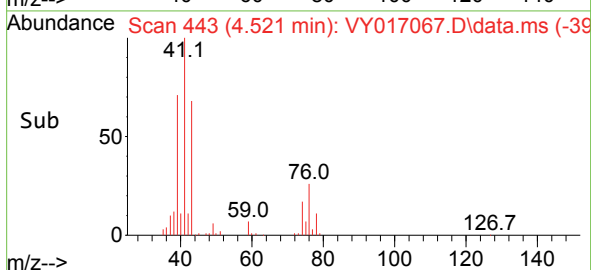
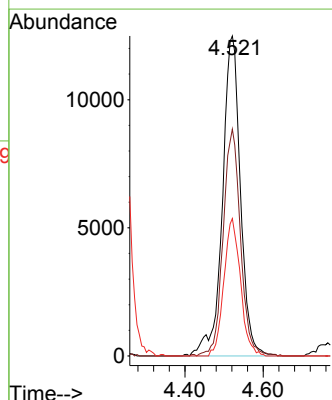
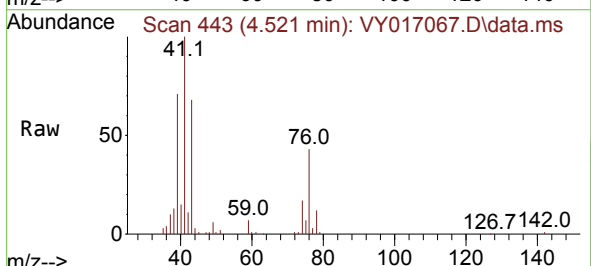
Tgt Ion: 41 Resp: 40058

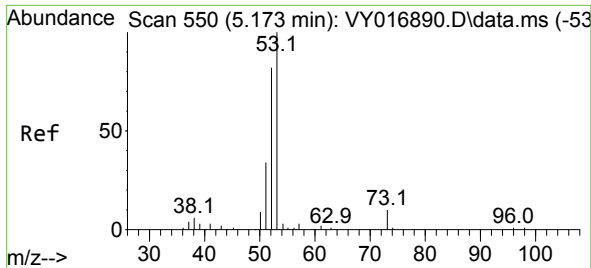
Ion Ratio Lower Upper

41 100

39 68.3 54.7 82.1

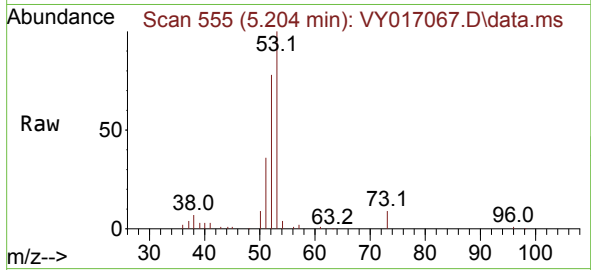
76 39.5 31.8 47.6



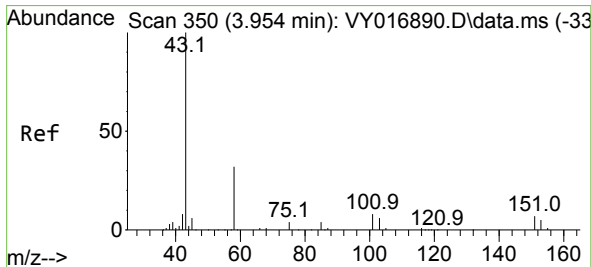
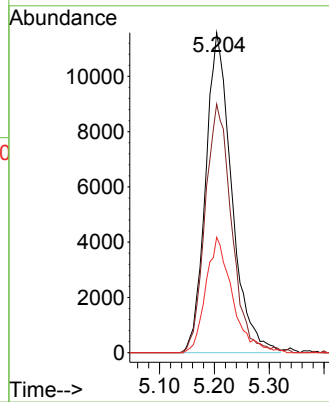
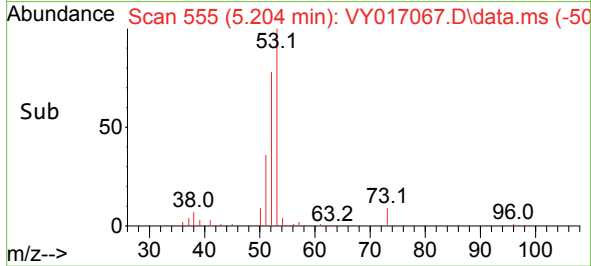


#15
Acrylonitrile
Concen: 100.299 ug/l
RT: 5.204 min Scan# 51
Delta R.T. 0.025 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19

Instrument :
MSVOA_Y
ClientSampleId :

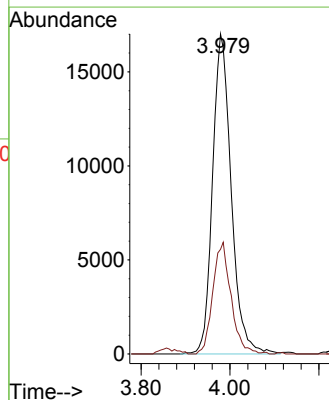
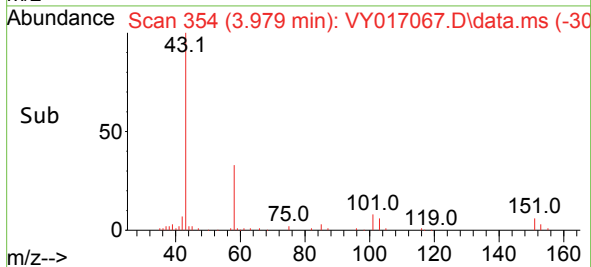
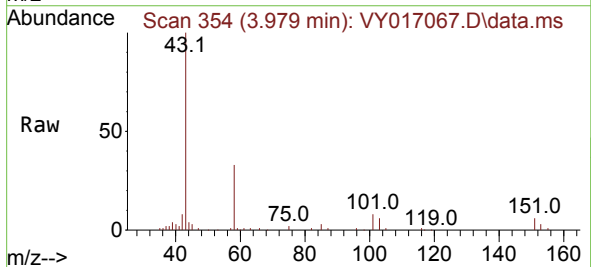


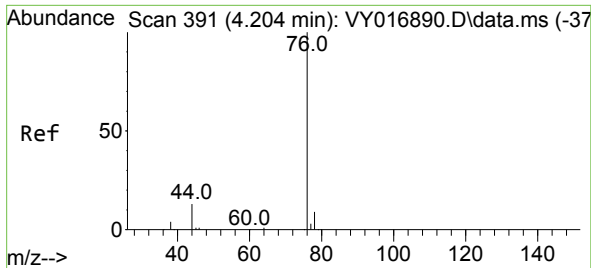
Tgt Ion: 53 Resp: 38224
Ion Ratio Lower Upper
53 100
52 79.2 65.1 97.7
51 36.9 29.0 43.4



#16
Acetone
Concen: 124.099 ug/l
RT: 3.979 min Scan# 354
Delta R.T. 0.019 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19

Tgt Ion: 43 Resp: 49563
Ion Ratio Lower Upper
43 100
58 32.4 26.6 39.8

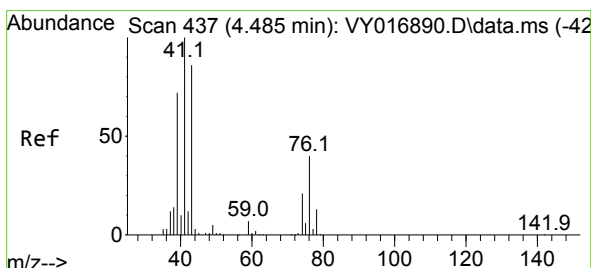
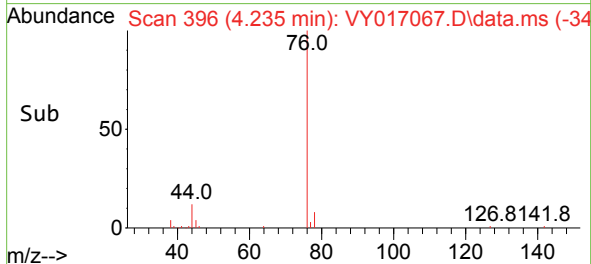
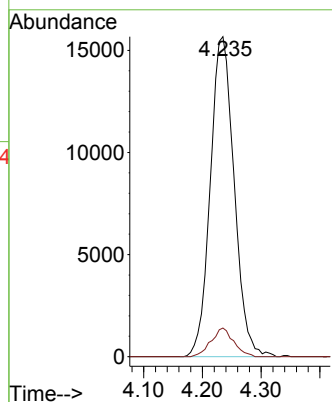
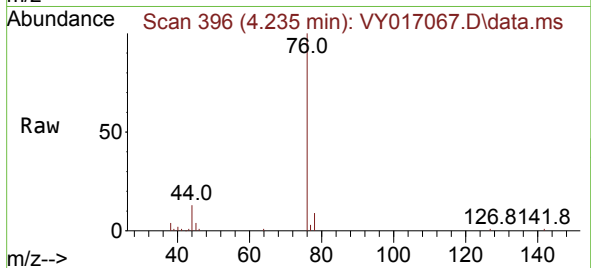




#17
Carbon Disulfide
Concen: 13.005 ug/l
RT: 4.235 min Scan# 391
Delta R.T. 0.025 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19

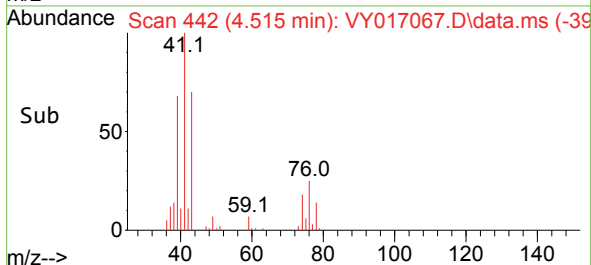
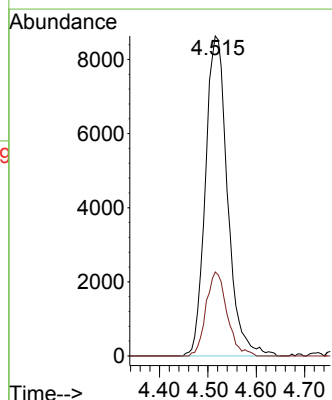
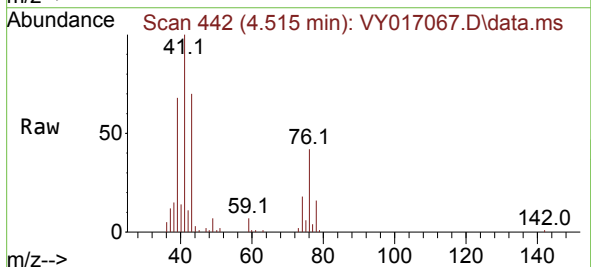
Instrument :
MSVOA_Y
ClientSampleId :

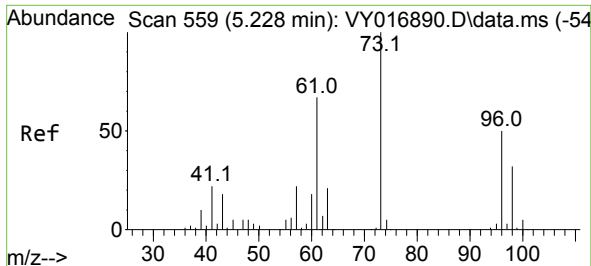
Tgt Ion: 76 Resp: 44195
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 17.335 ug/l
RT: 4.515 min Scan# 442
Delta R.T. 0.018 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19

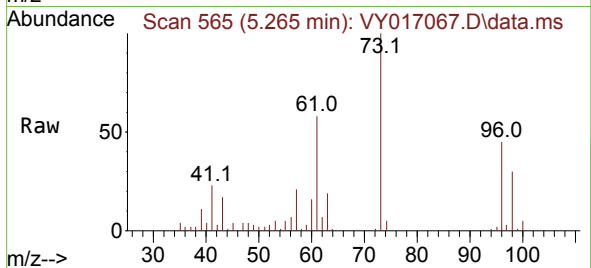
Tgt Ion: 43 Resp: 27410
Ion Ratio Lower Upper
43 100
74 25.0 19.8 29.6



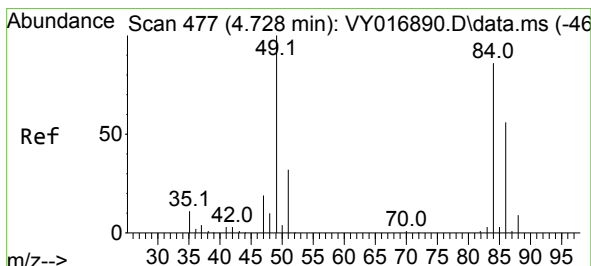
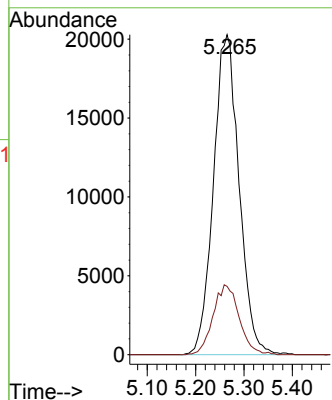
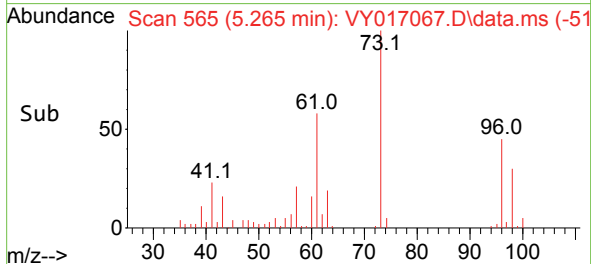


#19
Methyl tert-butyl Ether
Concen: 20.149 ug/l
RT: 5.265 min Scan# 51
Delta R.T. 0.031 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19

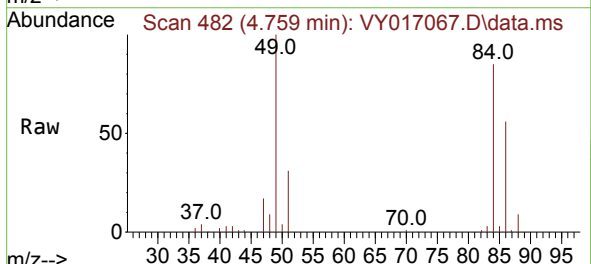
Instrument :
MSVOA_Y
ClientSampleId :



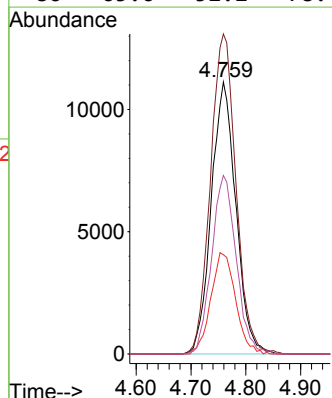
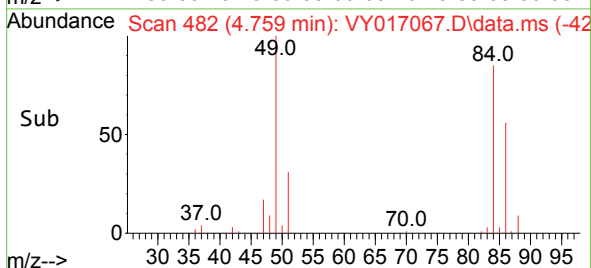
Tgt Ion: 73 Resp: 74557
Ion Ratio Lower Upper
73 100
57 21.3 17.7 26.5

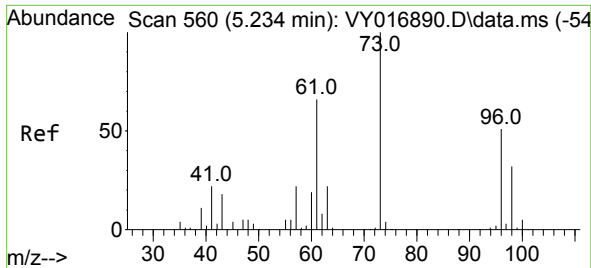


#20
Methylene Chloride
Concen: 12.499 ug/l
RT: 4.759 min Scan# 482
Delta R.T. 0.025 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19



Tgt Ion: 84 Resp: 34683
Ion Ratio Lower Upper
84 100
49 117.6 95.2 142.8
51 36.5 29.9 44.9
86 65.6 52.2 78.4

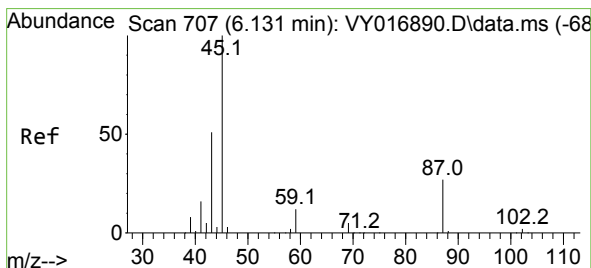
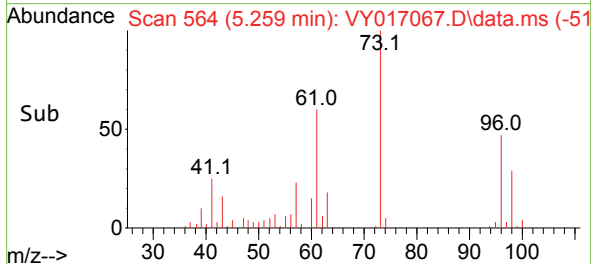
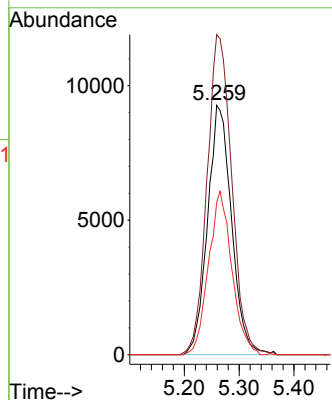
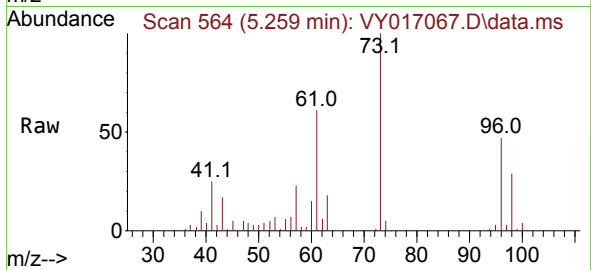




#21
trans-1,2-Dichloroethene
Concen: 17.288 ug/l
RT: 5.259 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19

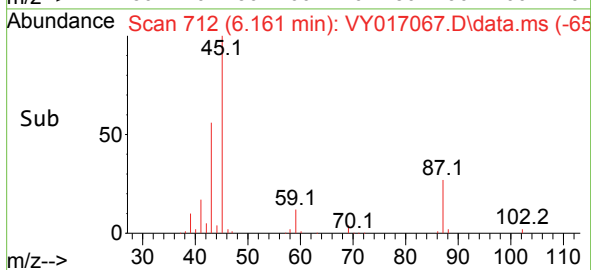
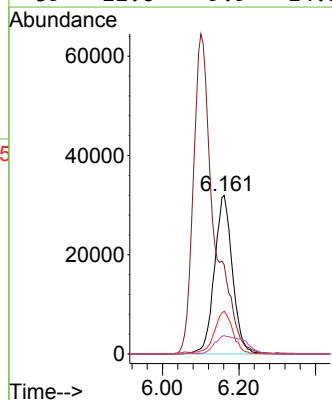
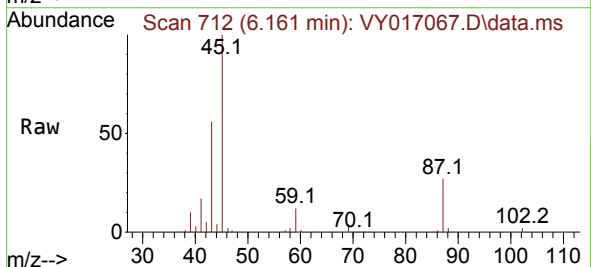
Instrument :
MSVOA_Y
ClientSampleId :

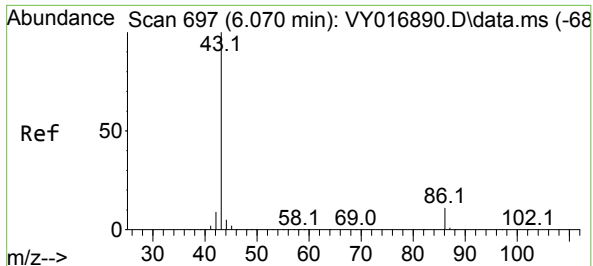
Tgt Ion: 96 Resp: 28161
Ion Ratio Lower Upper
96 100
61 128.3 104.6 156.8
98 60.9 50.9 76.3



#22
Diisopropyl ether
Concen: 20.123 ug/l
RT: 6.161 min Scan# 712
Delta R.T. 0.030 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19

Tgt Ion: 45 Resp: 104603
Ion Ratio Lower Upper
45 100
43 55.7 46.8 70.2
87 26.9 22.2 33.2
59 11.6 9.9 14.9

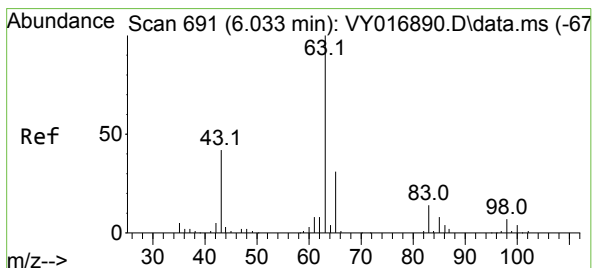
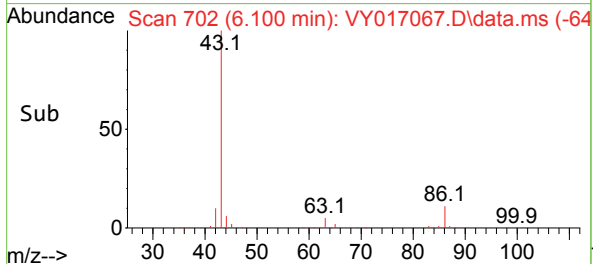
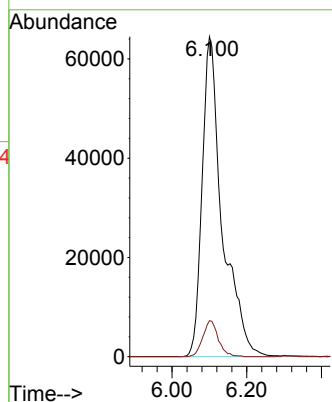
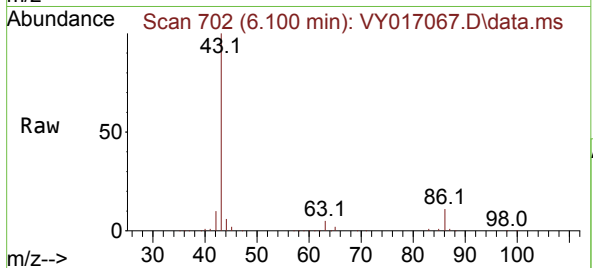




#23
Vinyl Acetate
Concen: 101.235 ug/l
RT: 6.100 min Scan# 702
Delta R.T. 0.024 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19

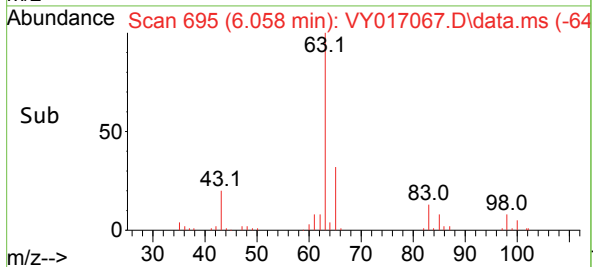
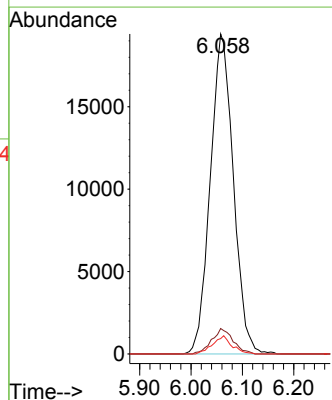
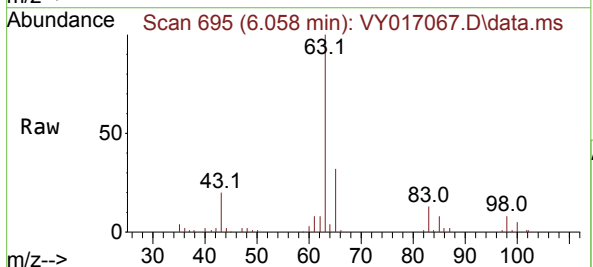
Instrument :
MSVOA_Y
ClientSampleId :

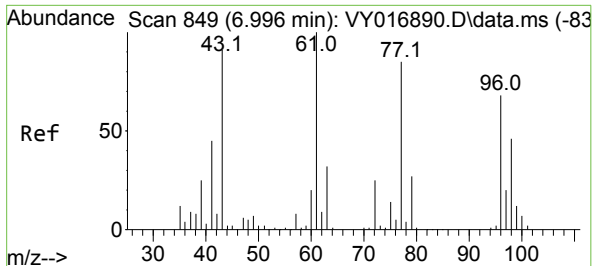
Tgt Ion: 43 Resp: 241296
Ion Ratio Lower Upper
43 100
86 11.2 8.6 13.0



#24
1,1-Dichloroethane
Concen: 19.399 ug/l
RT: 6.058 min Scan# 695
Delta R.T. 0.025 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19

Tgt Ion: 63 Resp: 60598
Ion Ratio Lower Upper
63 100
98 8.0 3.8 11.4
100 4.8 2.1 6.2





#25

2-Butanone

Concen: 114.198 ug/l

RT: 7.027 min Scan# 81

Delta R.T. 0.031 min

Lab File: VY017067.D

Acq: 22 Jan 2024 11:19

Instrument :

MSVOA_Y

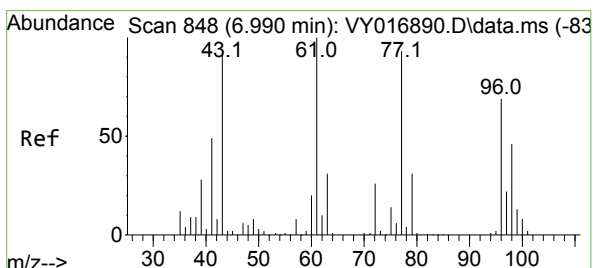
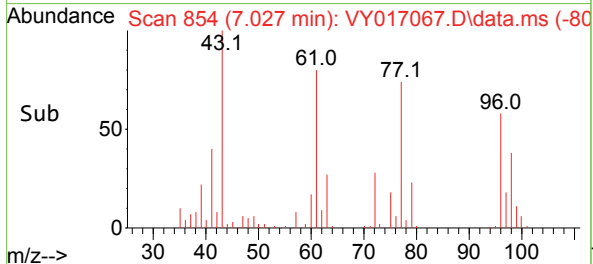
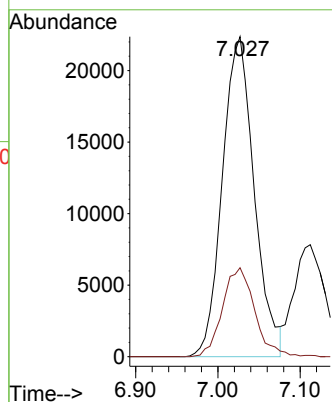
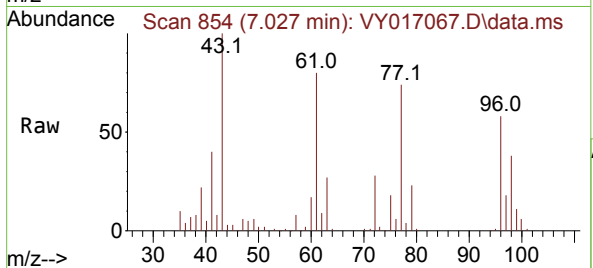
ClientSampleId :

Tgt Ion: 43 Resp: 60170

Ion Ratio Lower Upper

43 100

72 27.8 21.4 32.2



#26

2,2-Dichloropropane

Concen: 19.510 ug/l

RT: 7.015 min Scan# 852

Delta R.T. 0.019 min

Lab File: VY017067.D

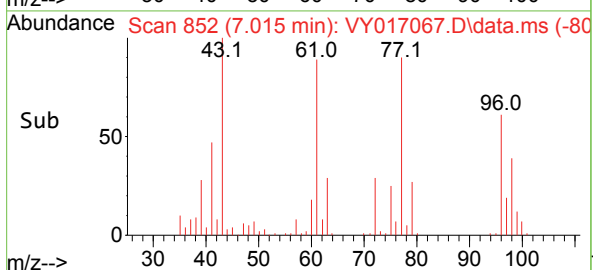
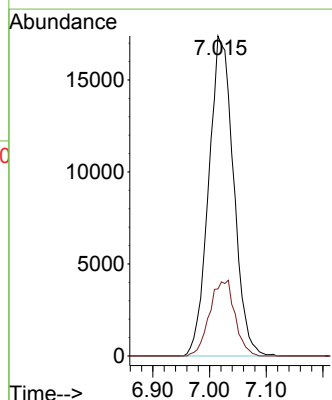
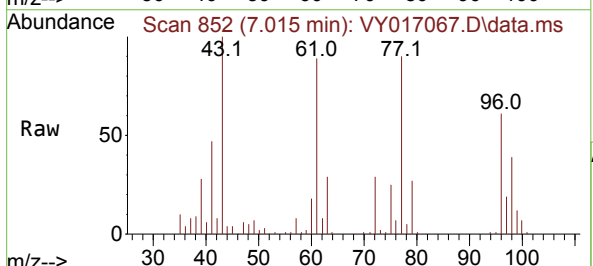
Acq: 22 Jan 2024 11:19

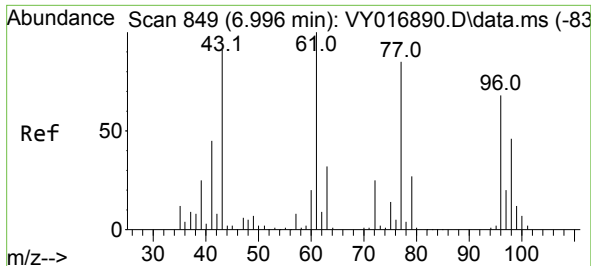
Tgt Ion: 77 Resp: 52843

Ion Ratio Lower Upper

77 100

97 24.0 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 19.226 ug/l

RT: 7.021 min Scan# 8

Delta R.T. 0.019 min

Lab File: VY017067.D

Acq: 22 Jan 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

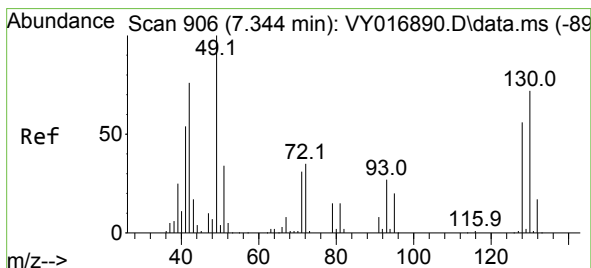
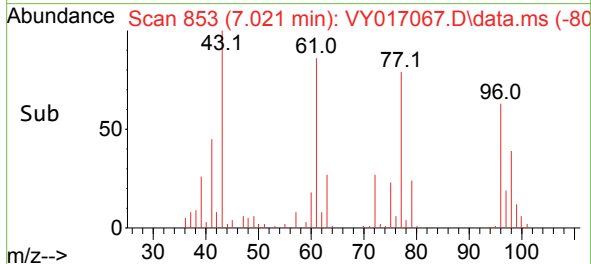
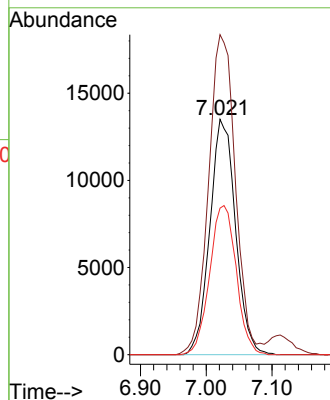
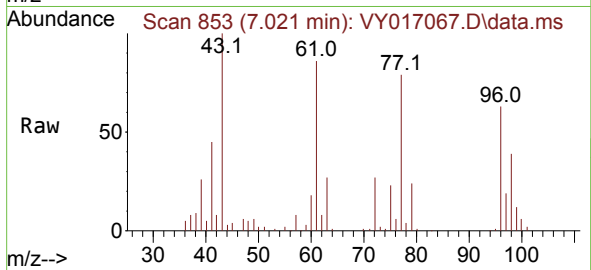
Tgt Ion: 96 Resp: 36712

Ion Ratio Lower Upper

96 100

61 142.4 0.0 278.8

98 65.6 0.0 127.0



#28

Bromochloromethane

Concen: 17.231 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.018 min

Lab File: VY017067.D

Acq: 22 Jan 2024 11:19

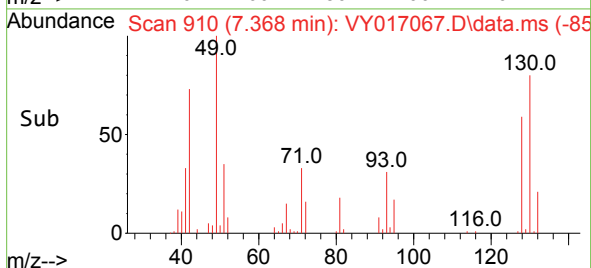
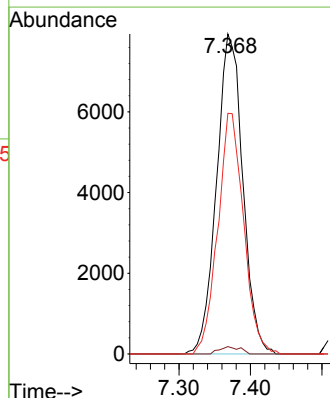
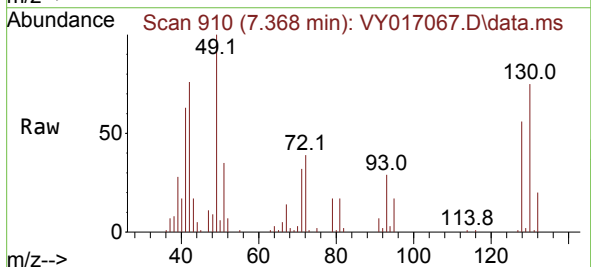
Tgt Ion: 49 Resp: 20207

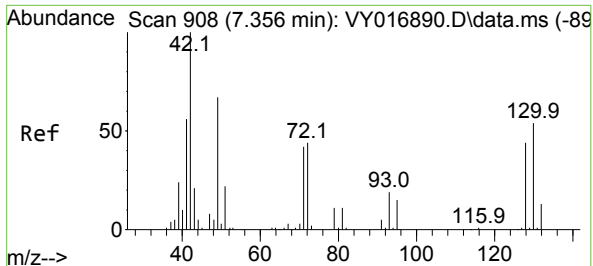
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 74.0 59.8 89.8





#29

Tetrahydrofuran

Concen: 96.825 ug/l

RT: 7.393 min Scan# 914

Delta R.T. 0.031 min

Lab File: VY017067.D

Acq: 22 Jan 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

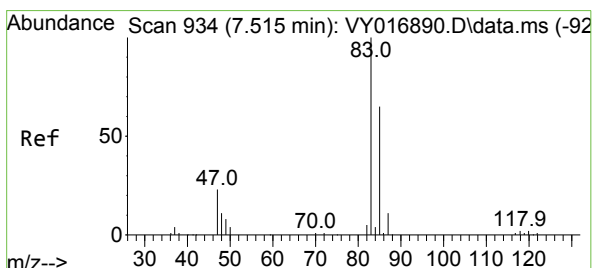
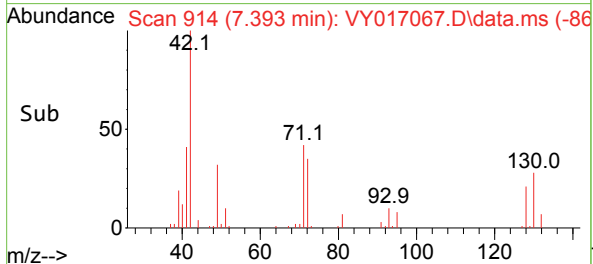
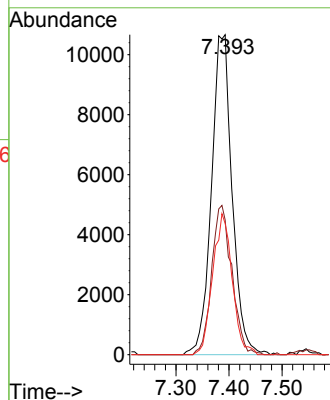
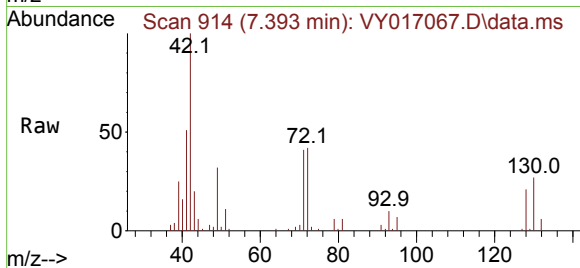
Tgt Ion: 42 Resp: 28923

Ion Ratio Lower Upper

42 100

72 45.6 36.6 54.8

71 41.6 33.8 50.6



#30

Chloroform

Concen: 19.945 ug/l

RT: 7.539 min Scan# 938

Delta R.T. 0.018 min

Lab File: VY017067.D

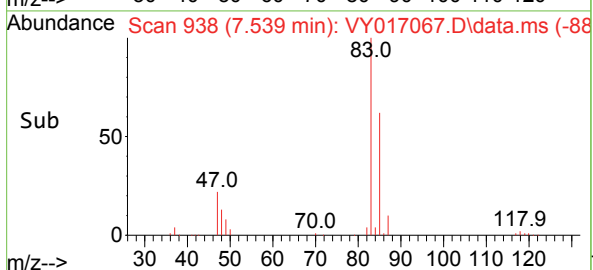
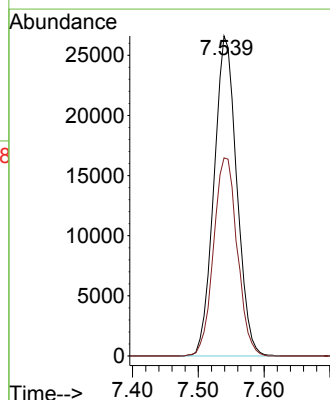
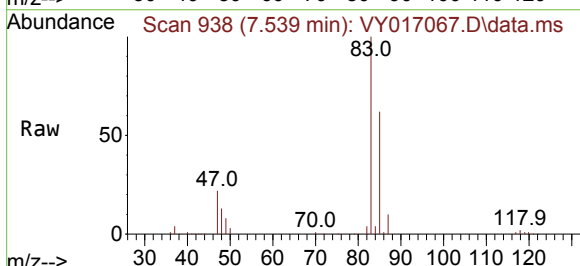
Acq: 22 Jan 2024 11:19

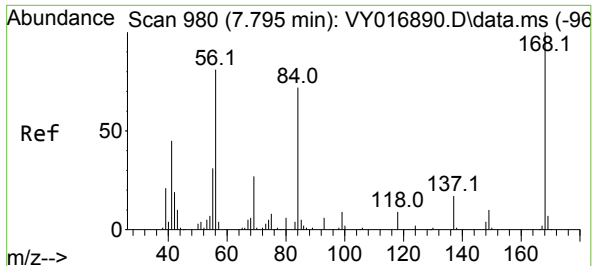
Tgt Ion: 83 Resp: 64206

Ion Ratio Lower Upper

83 100

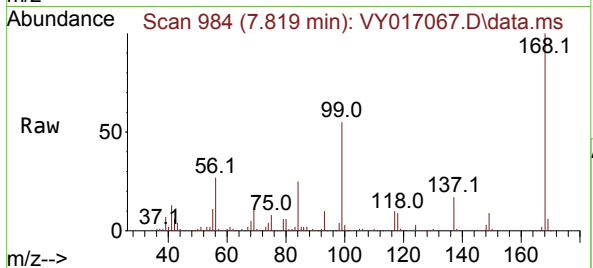
85 61.9 51.2 76.8



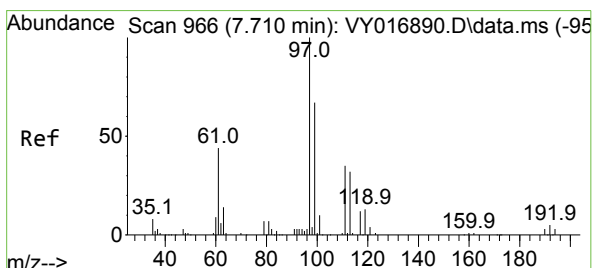
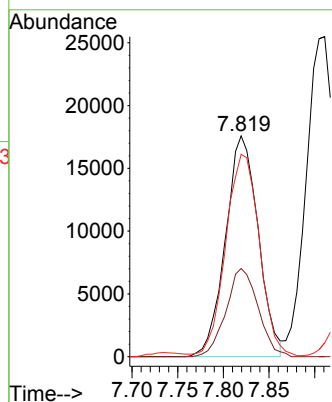
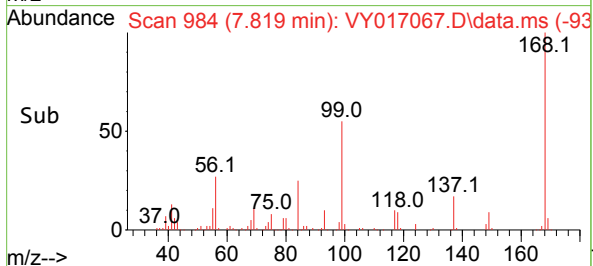


#31
Cyclohexane
Concen: 17.279 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19

Instrument :
MSVOA_Y
ClientSampleId :

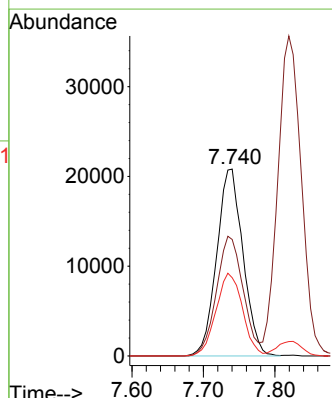
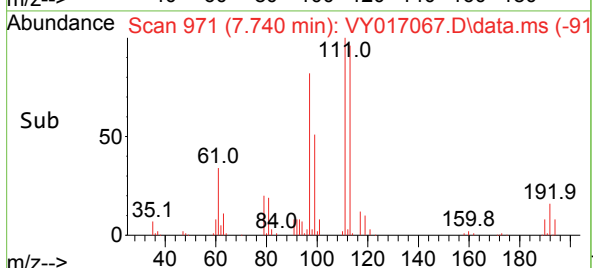
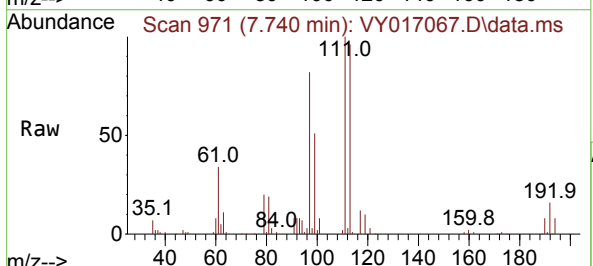


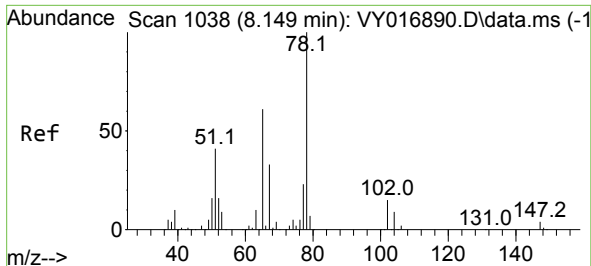
Tgt Ion: 56 Resp: 43770
Ion Ratio Lower Upper
56 100
69 39.9 27.0 40.6
84 90.3 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 19.477 ug/l
RT: 7.740 min Scan# 971
Delta R.T. 0.024 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19

Tgt Ion: 97 Resp: 53163
Ion Ratio Lower Upper
97 100
99 64.7 51.2 76.8
61 44.5 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 44.811 ug/l

RT: 8.173 min Scan# 110

Delta R.T. 0.018 min

Lab File: VY017067.D

Acq: 22 Jan 2024 11:19

Instrument :

MSVOA_Y

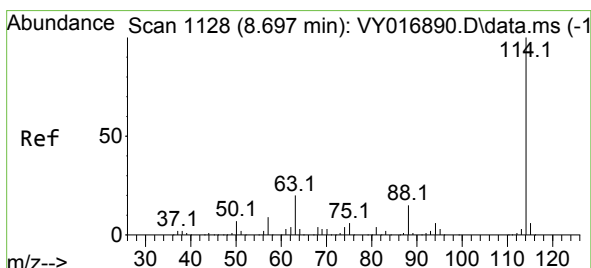
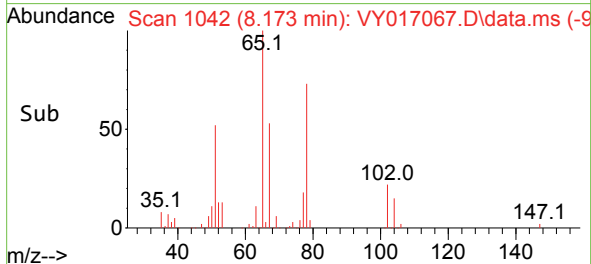
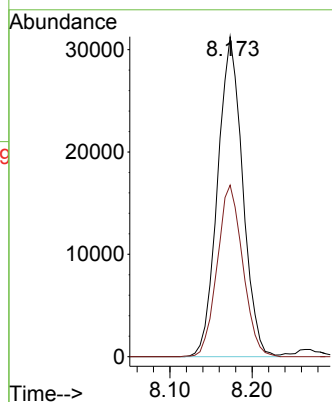
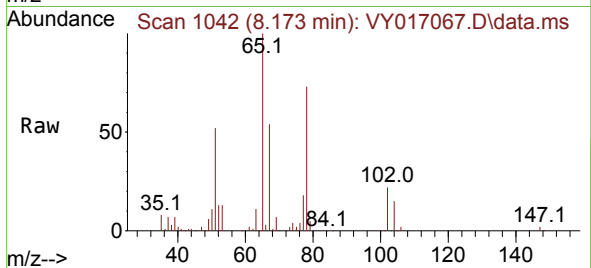
ClientSampleId :

Tgt Ion: 65 Resp: 66136

Ion Ratio Lower Upper

65 100

67 54.6 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: VY017067.D

Acq: 22 Jan 2024 11:19

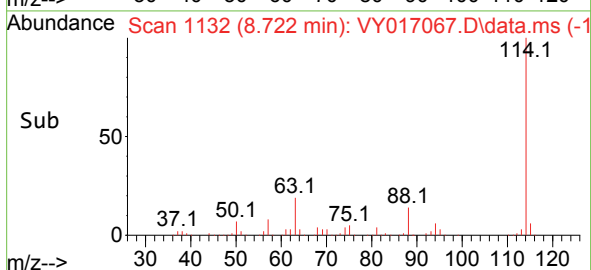
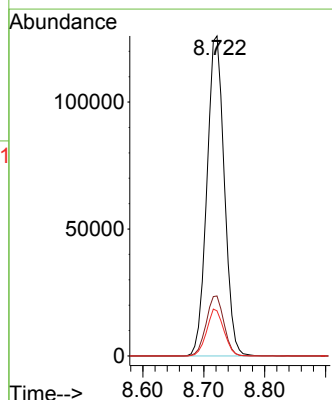
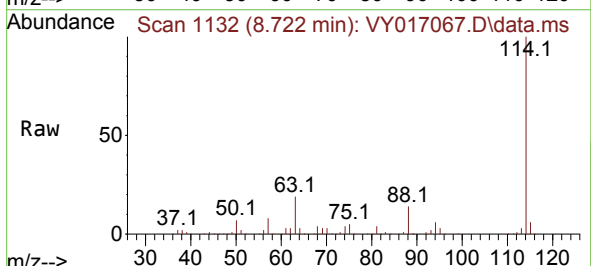
Tgt Ion: 114 Resp: 249689

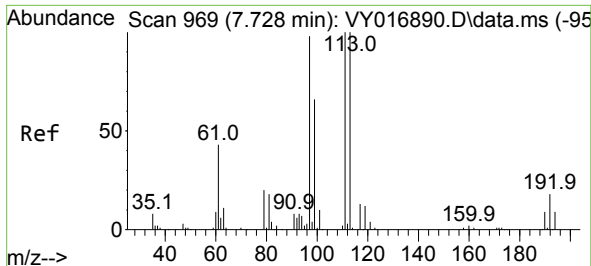
Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.4

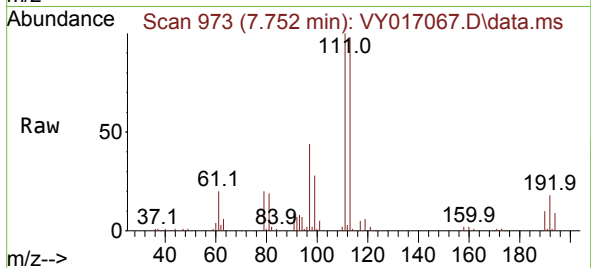
88 14.1 0.0 29.0



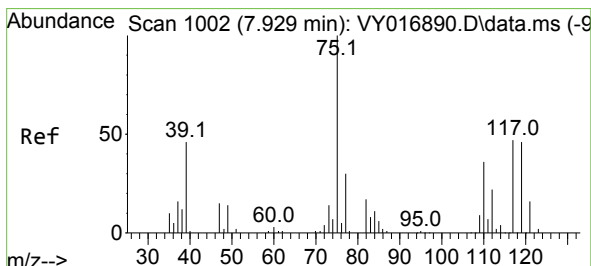
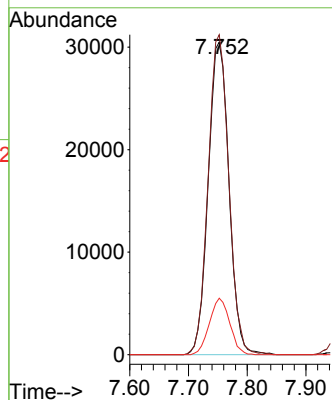
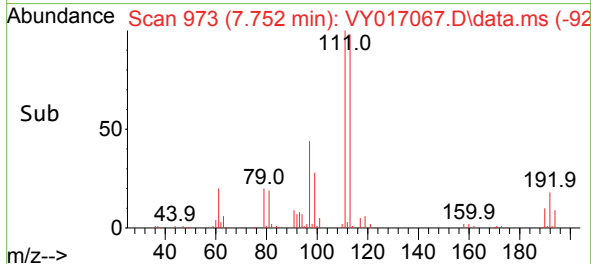


#35
Dibromofluoromethane
Concen: 46.991 ug/l
RT: 7.752 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19

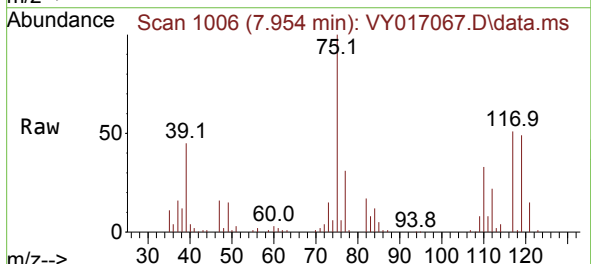
Instrument :
MSVOA_Y
ClientSampleId :



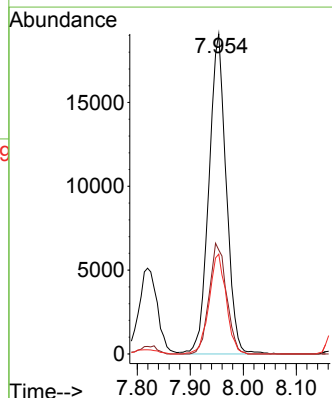
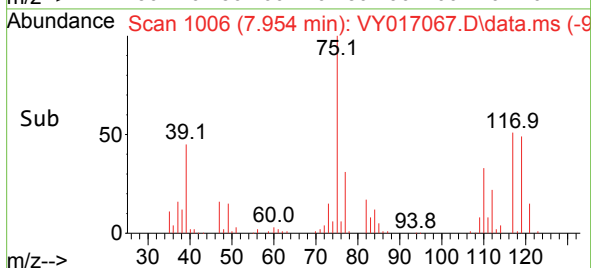
Tgt Ion:113 Resp: 74768
Ion Ratio Lower Upper
113 100
111 101.9 83.8 125.6
192 17.7 14.5 21.7

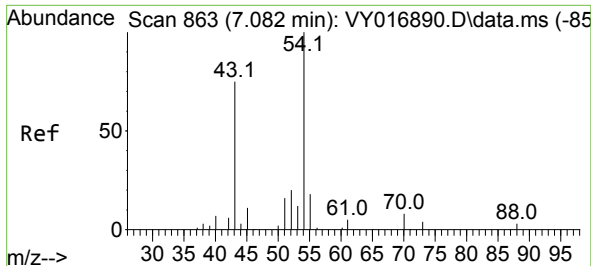


#36
1,1-Dichloropropene
Concen: 18.640 ug/l
RT: 7.954 min Scan# 1006
Delta R.T. 0.025 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19



Tgt Ion: 75 Resp: 43223
Ion Ratio Lower Upper
75 100
110 34.5 17.4 52.3
77 30.9 24.7 37.1

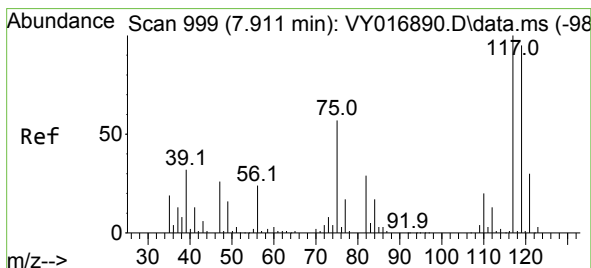
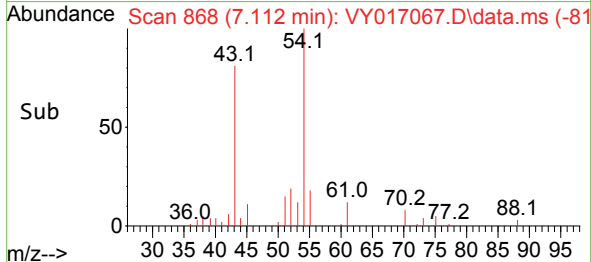
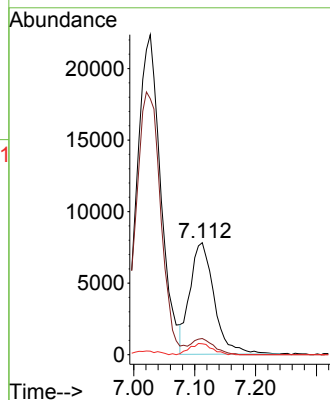
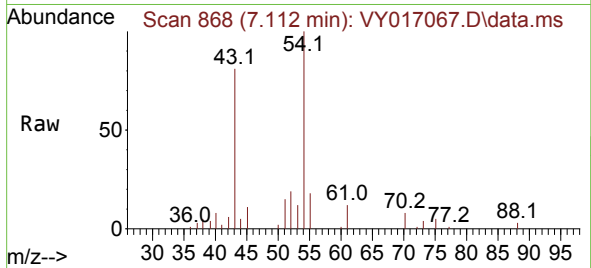




#37
Ethyl Acetate
Concen: 20.391 ug/l
RT: 7.112 min Scan# 80
Delta R.T. 0.024 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19

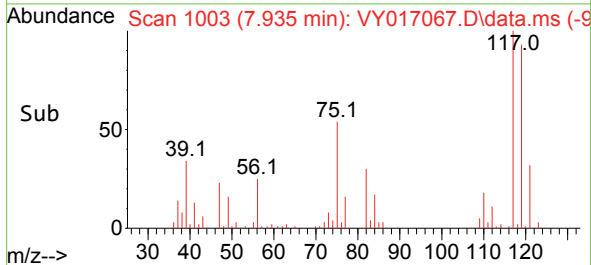
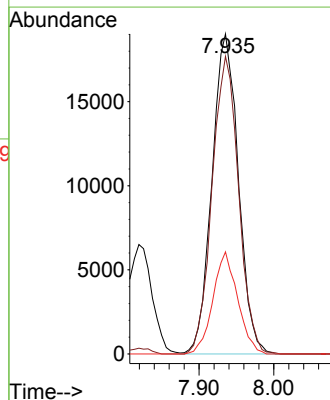
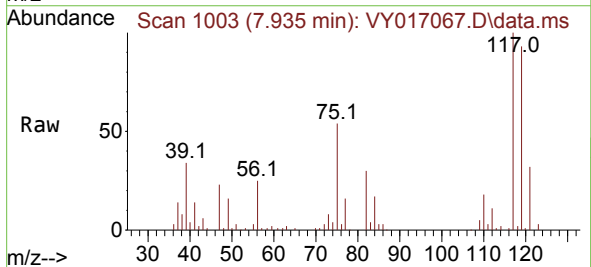
Instrument :
MSVOA_Y
ClientSampleId :

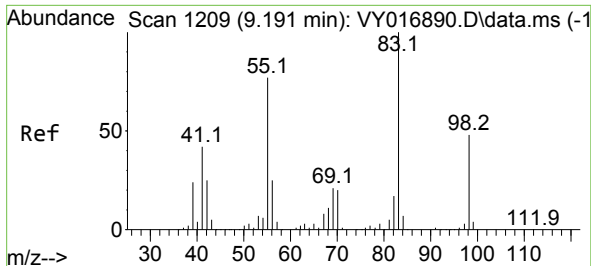
Tgt Ion: 43 Resp: 21487
Ion Ratio Lower Upper
43 100
61 13.0 11.0 16.6
70 9.4 8.1 12.1



#38
Carbon Tetrachloride
Concen: 19.829 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.018 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19

Tgt Ion: 117 Resp: 46715
Ion Ratio Lower Upper
117 100
119 93.0 76.0 114.0
121 31.9 24.2 36.2





#39

Methylcyclohexane

Concen: 17.944 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.025 min

Lab File: VY017067.D

Acq: 22 Jan 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

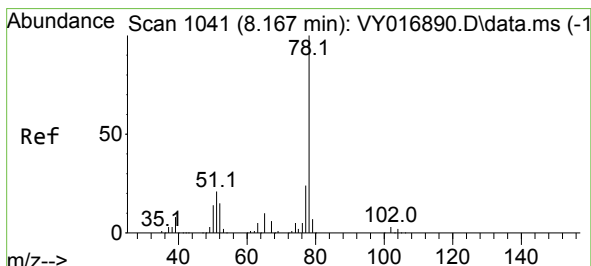
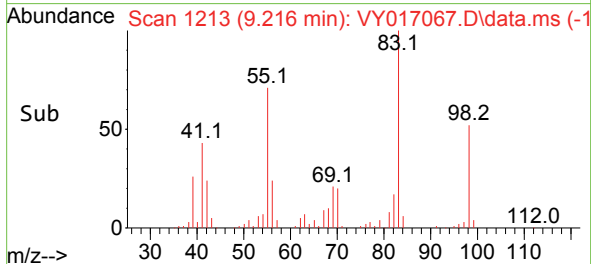
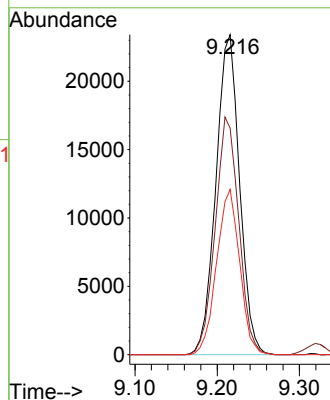
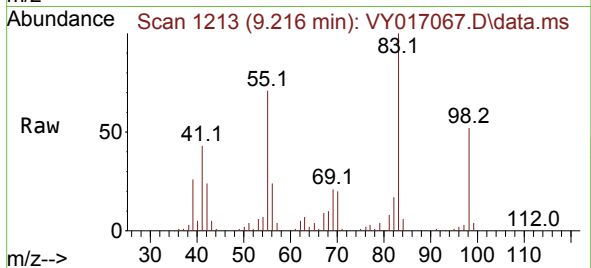
Tgt Ion: 83 Resp: 46775

Ion Ratio Lower Upper

83 100

55 70.8 59.7 89.5

98 51.6 38.0 57.0



#40

Benzene

Concen: 18.790 ug/l

RT: 8.191 min Scan# 1045

Delta R.T. 0.018 min

Lab File: VY017067.D

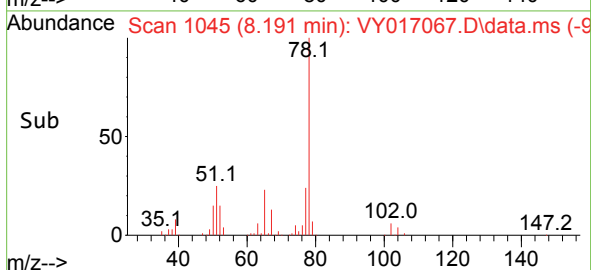
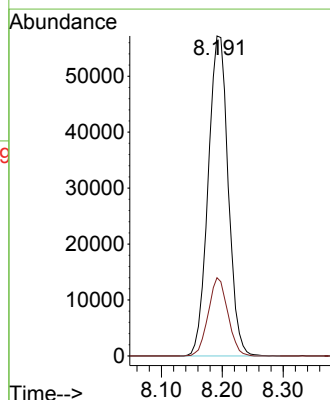
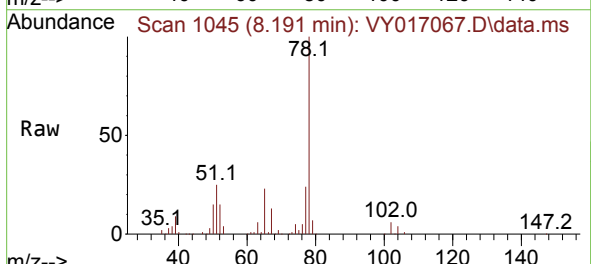
Acq: 22 Jan 2024 11:19

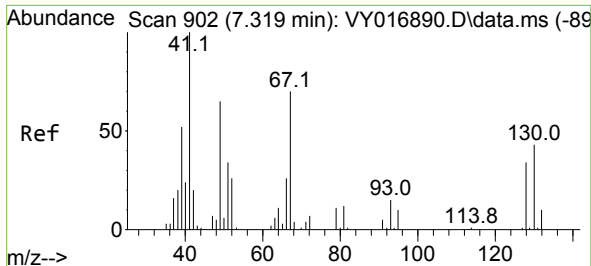
Tgt Ion: 78 Resp: 130705

Ion Ratio Lower Upper

78 100

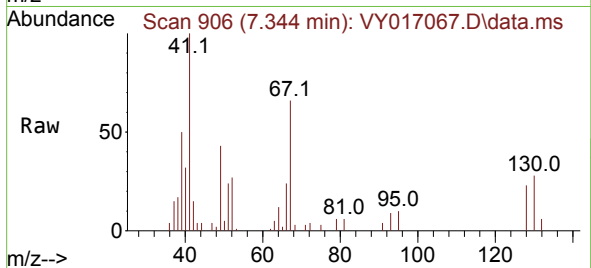
77 24.4 18.8 28.2



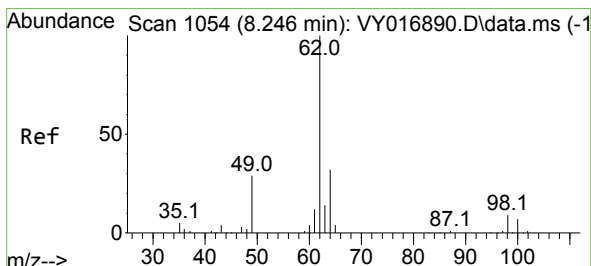
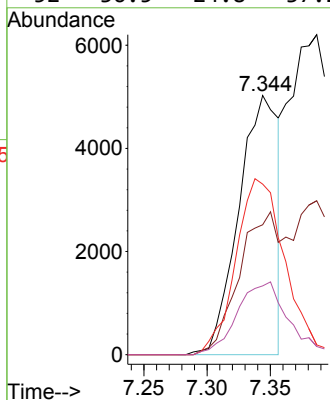
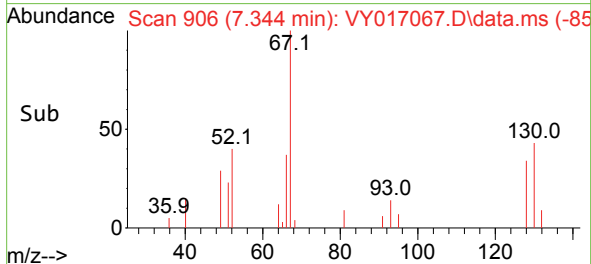


#41
Methacrylonitrile
Concen: 19.694 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.025 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19

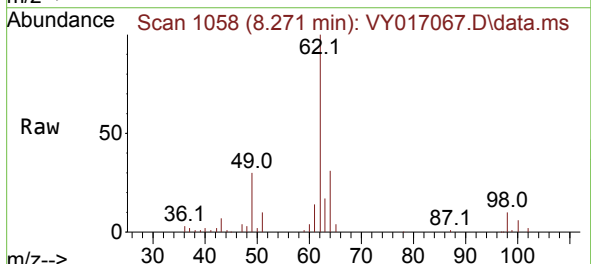
Instrument :
MSVOA_Y
ClientSampleId :



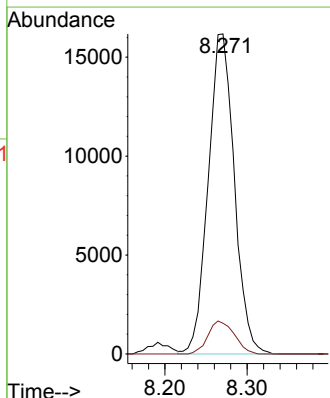
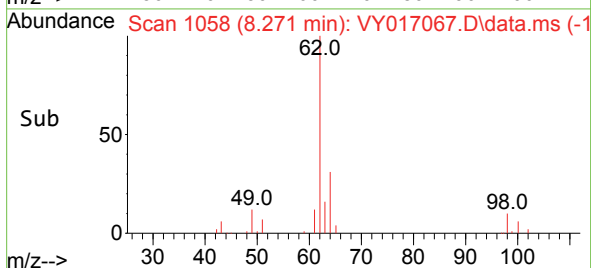
Tgt Ion: 41 Resp: 10930
Ion Ratio Lower Upper
41 100
39 69.1 41.9 62.9#
67 84.2 59.8 89.6
52 36.5 24.8 37.2

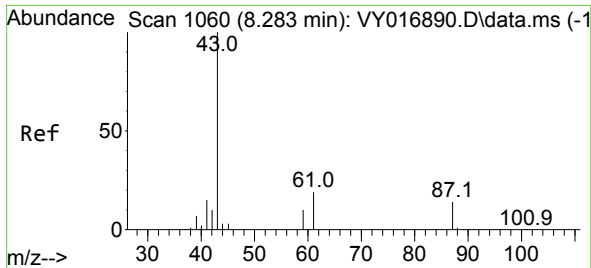


#42
1,2-Dichloroethane
Concen: 19.324 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.019 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19



Tgt Ion: 62 Resp: 35685
Ion Ratio Lower Upper
62 100
98 10.4 0.0 20.2

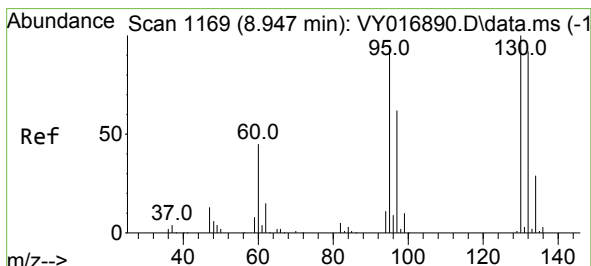
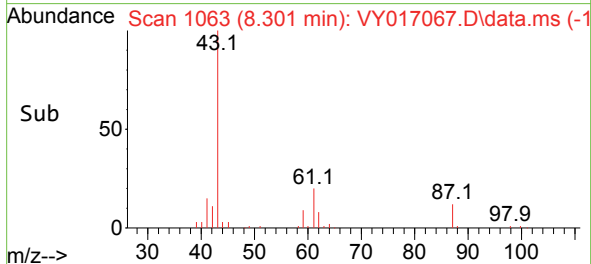
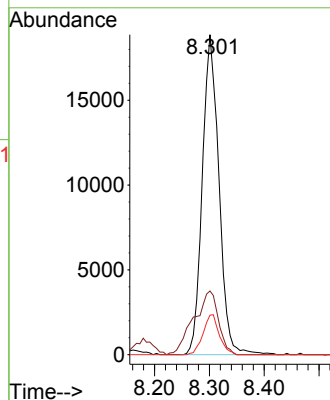
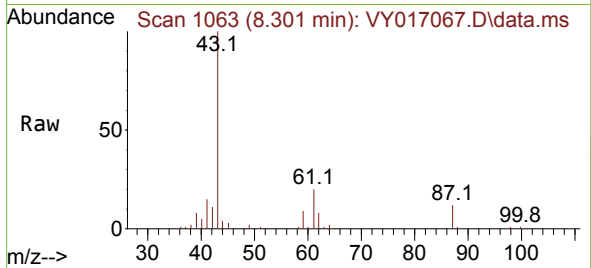




#43
Isopropyl Acetate
Concen: 19.671 ug/l
RT: 8.301 min Scan# 1173
Delta R.T. 0.018 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19

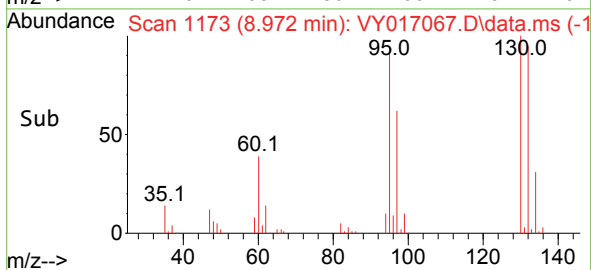
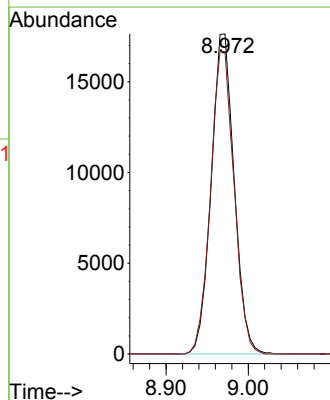
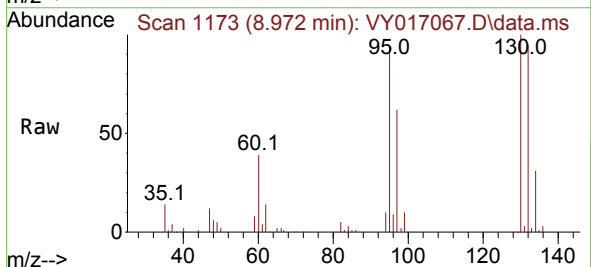
Instrument :
MSVOA_Y
ClientSampleId :

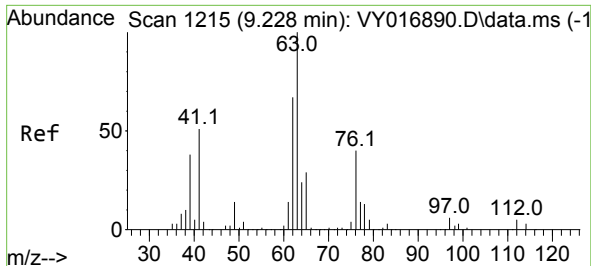
Tgt Ion: 43 Resp: 39695
Ion Ratio Lower Upper
43 100
61 29.5 24.8 37.2
87 12.2 10.7 16.1



#44
Trichloroethene
Concen: 19.305 ug/l
RT: 8.972 min Scan# 1173
Delta R.T. 0.025 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19

Tgt Ion:130 Resp: 34170
Ion Ratio Lower Upper
130 100
95 94.4 0.0 203.8

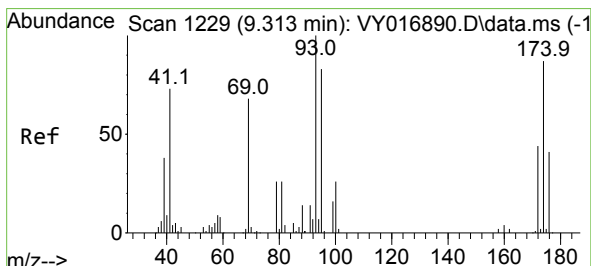
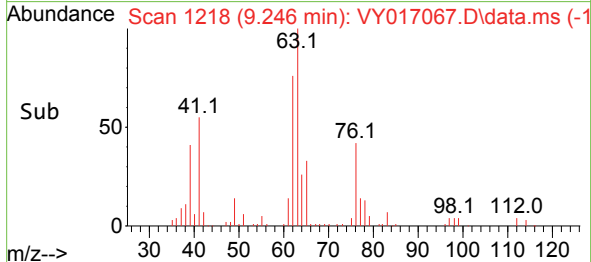
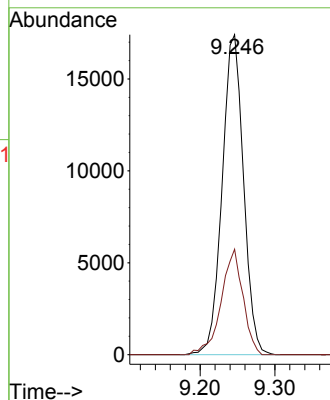
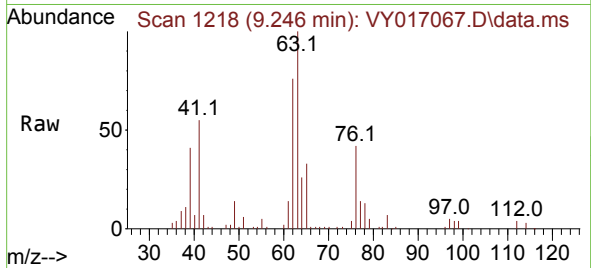




#45
1,2-Dichloropropane
Concen: 19.308 ug/l
RT: 9.246 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19

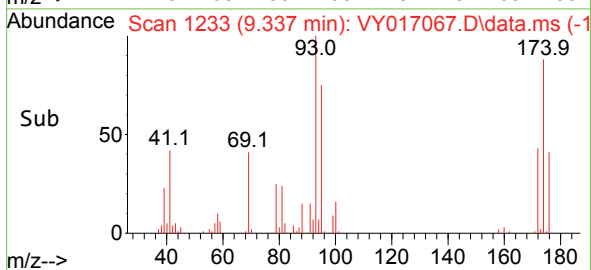
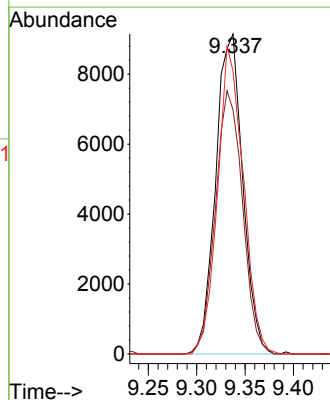
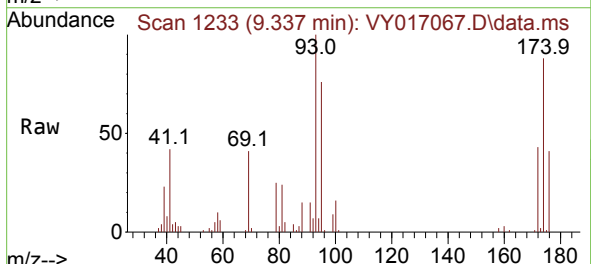
Instrument :
MSVOA_Y
ClientSampleId :

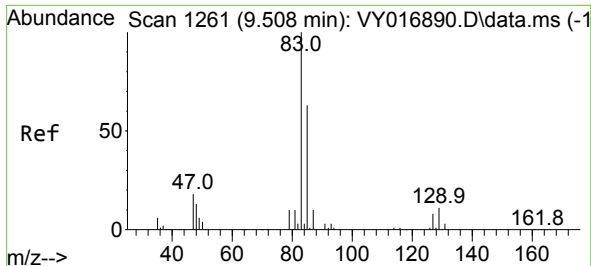
Tgt Ion: 63 Resp: 34601
Ion Ratio Lower Upper
63 100
65 33.0 24.6 36.8



#46
Dibromomethane
Concen: 19.382 ug/l
RT: 9.337 min Scan# 1233
Delta R.T. 0.024 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19

Tgt Ion: 93 Resp: 17714
Ion Ratio Lower Upper
93 100
95 82.6 66.6 99.8
174 92.0 73.8 110.6

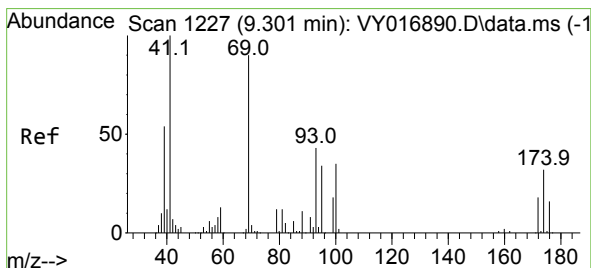
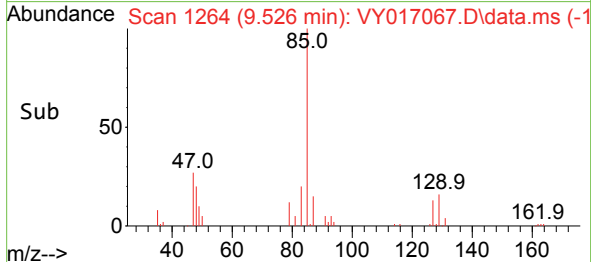
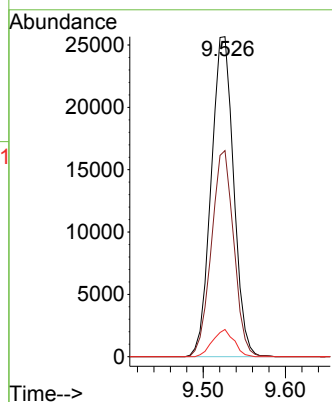
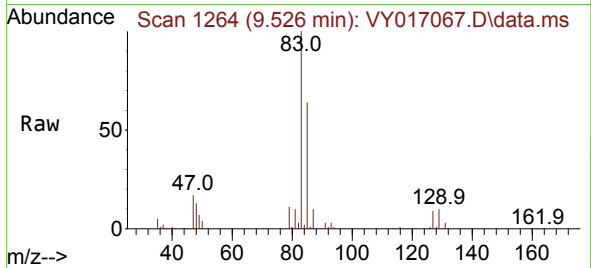




#47
Bromodichloromethane
Concen: 19.851 ug/l
RT: 9.526 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19

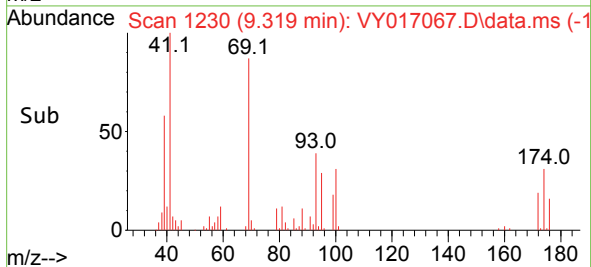
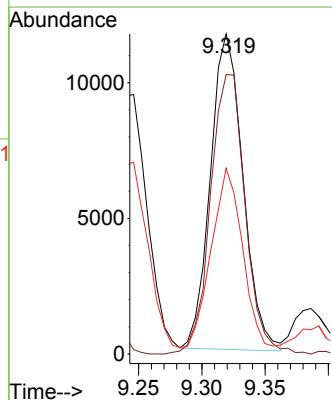
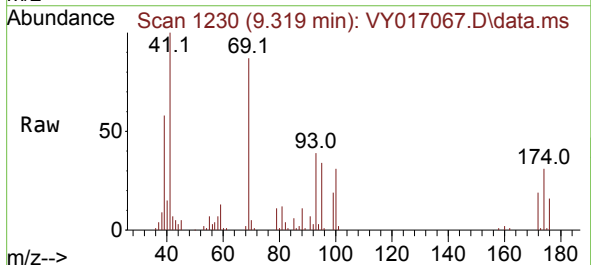
Instrument :
MSVOA_Y
ClientSampleId :

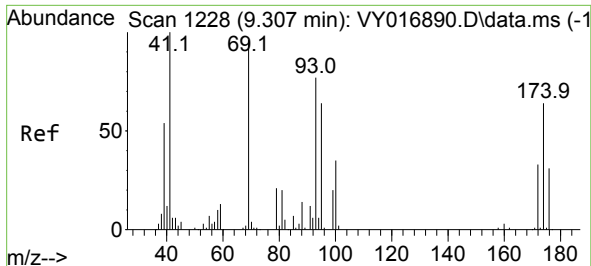
Tgt Ion: 83 Resp: 48718
Ion Ratio Lower Upper
83 100
85 64.4 53.2 79.8
127 8.5 6.4 9.6



#48
Methyl methacrylate
Concen: 19.133 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.018 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19

Tgt Ion: 41 Resp: 20836
Ion Ratio Lower Upper
41 100
69 94.2 72.1 108.1
39 58.7 42.8 64.2





#49

1,4-Dioxane

Concen: 420.475 ug/l

RT: 9.331 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY017067.D

Acq: 22 Jan 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

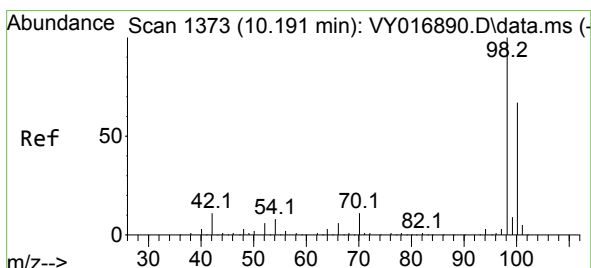
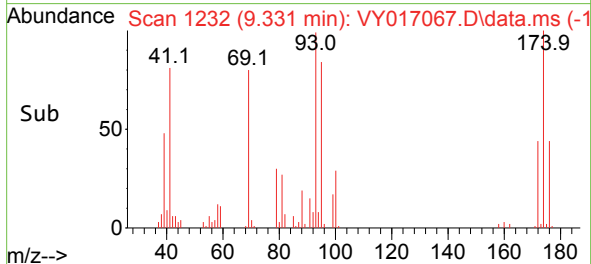
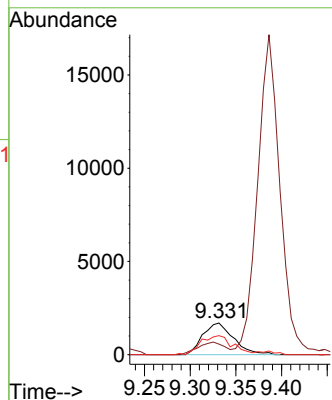
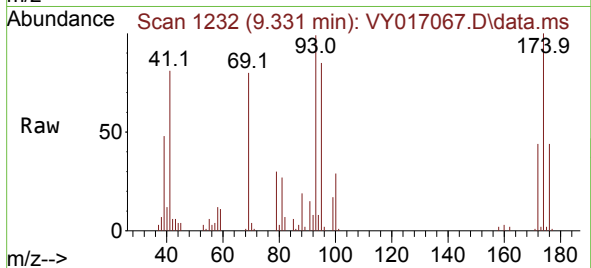
Tgt Ion: 88 Resp: 3979

Ion Ratio Lower Upper

88 100

43 34.2 28.2 42.4

58 62.3 52.2 78.2



#50

Toluene-d8

Concen: 45.595 ug/l

RT: 10.203 min Scan# 1375

Delta R.T. 0.012 min

Lab File: VY017067.D

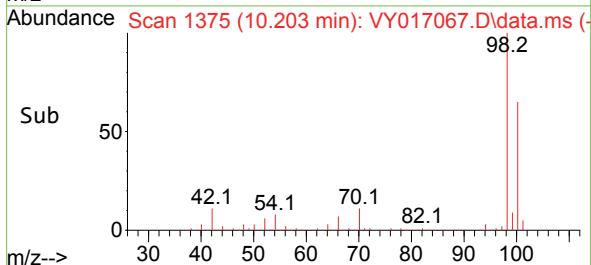
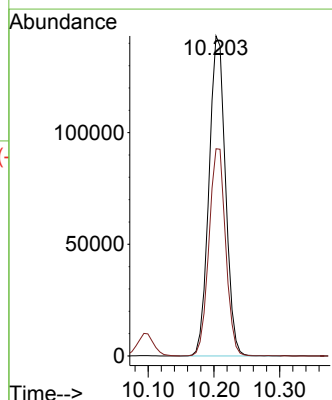
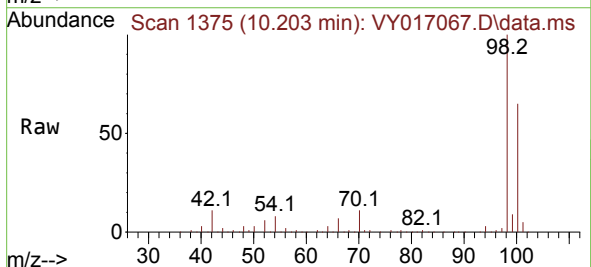
Acq: 22 Jan 2024 11:19

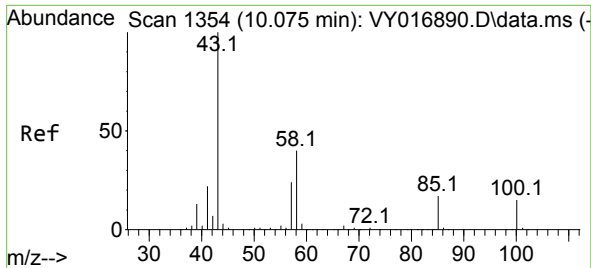
Tgt Ion: 98 Resp: 249817

Ion Ratio Lower Upper

98 100

100 65.6 52.3 78.5

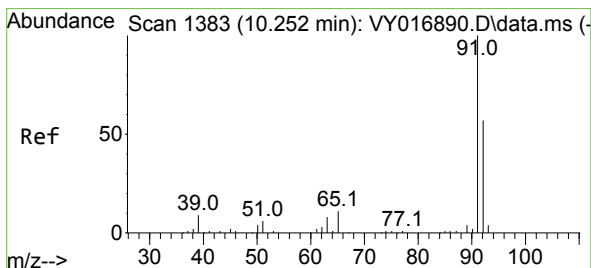
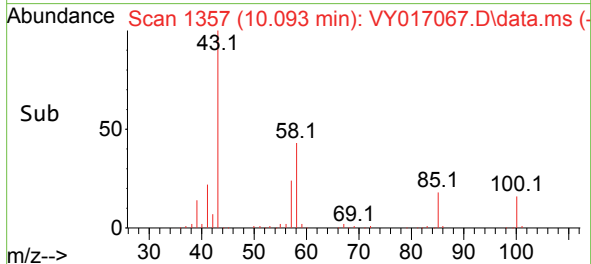
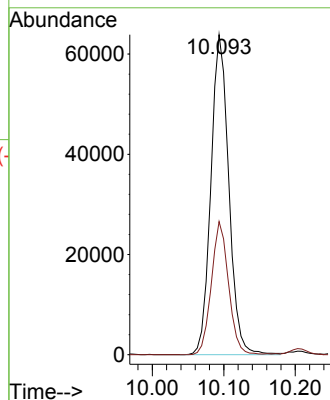
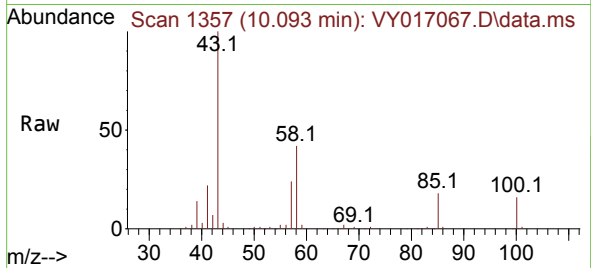




#51
4-Methyl-2-Pentanone
Concen: 103.603 ug/l
RT: 10.093 min Scan# 111184
Delta R.T. 0.012 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19

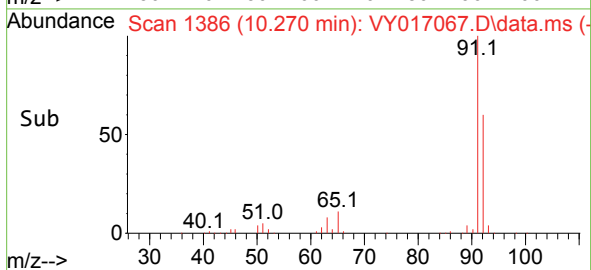
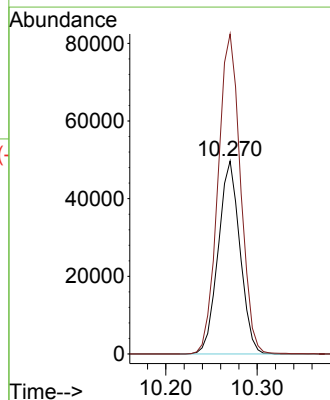
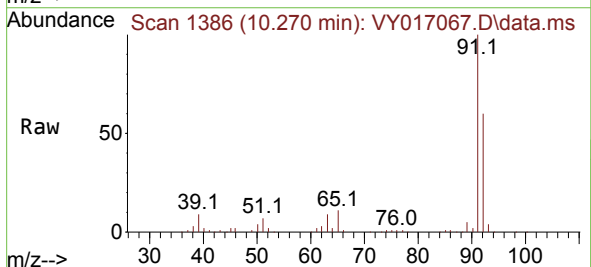
Instrument :
MSVOA_Y
ClientSampleId :

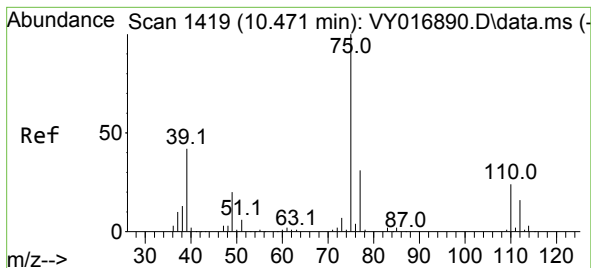
Tgt Ion: 43 Resp: 111184
Ion Ratio Lower Upper
43 100
58 39.9 32.2 48.2



#52
Toluene
Concen: 19.582 ug/l
RT: 10.270 min Scan# 1386
Delta R.T. 0.018 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19

Tgt Ion: 92 Resp: 82206
Ion Ratio Lower Upper
92 100
91 171.5 137.6 206.4

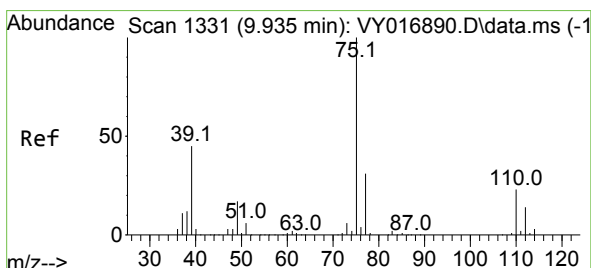
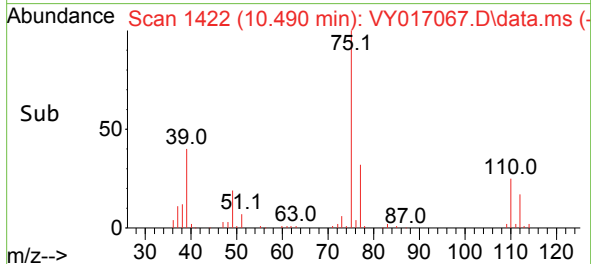
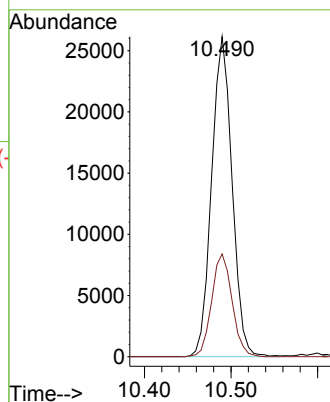
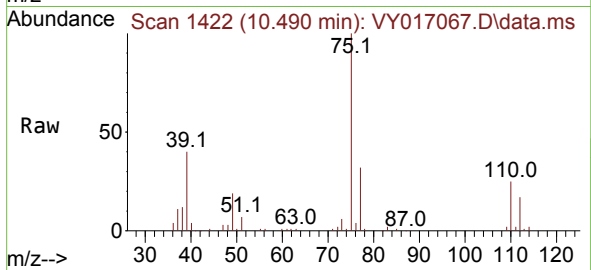




#53
t-1,3-Dichloropropene
Concen: 19.511 ug/l
RT: 10.490 min Scan# 1419
Delta R.T. 0.019 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19

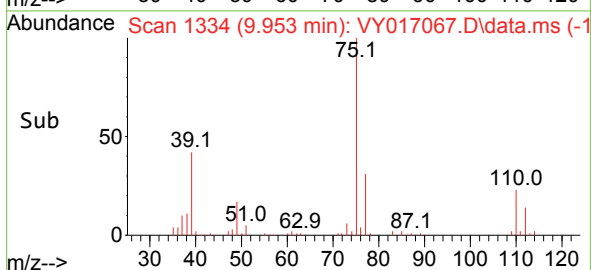
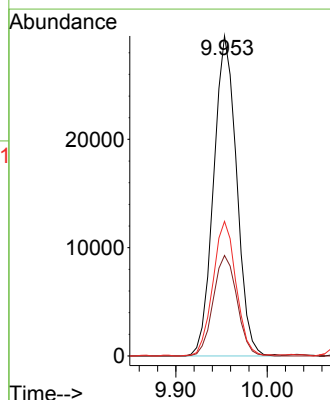
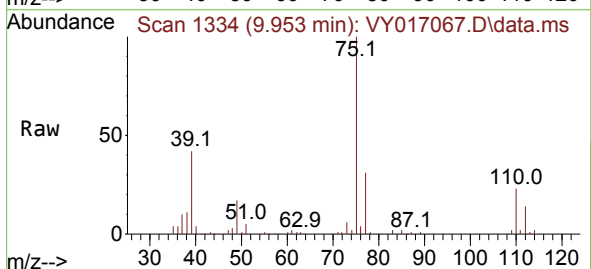
Instrument :
MSVOA_Y
ClientSampleId :

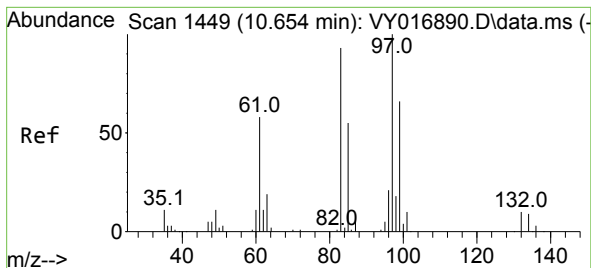
Tgt Ion: 75 Resp: 42891
Ion Ratio Lower Upper
75 100
77 32.1 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 19.573 ug/l
RT: 9.953 min Scan# 1334
Delta R.T. 0.012 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19

Tgt Ion: 75 Resp: 51673
Ion Ratio Lower Upper
75 100
77 31.4 24.6 36.8
39 42.0 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 20.509 ug/l

RT: 10.667 min Scan# 1449

Delta R.T. 0.013 min

Lab File: VY017067.D

Acq: 22 Jan 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 27384

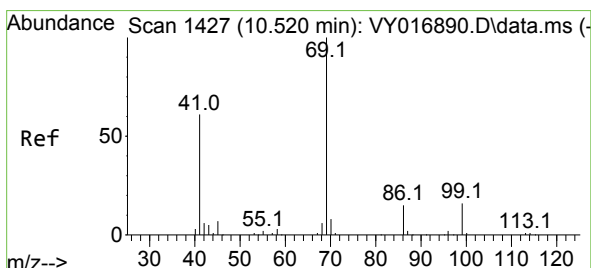
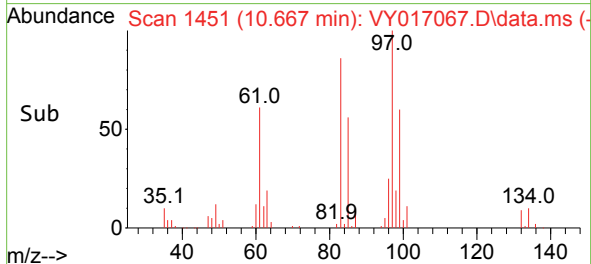
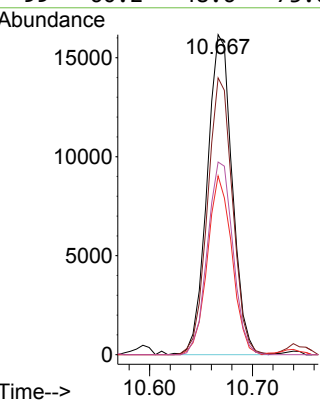
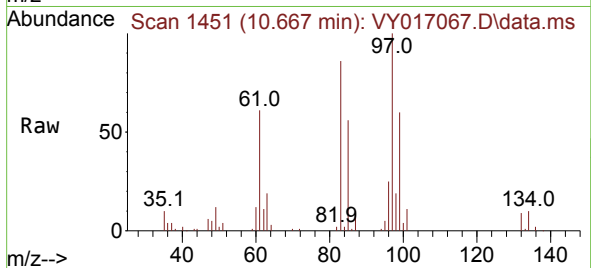
Ion Ratio Lower Upper

97 100

83 86.5 69.4 104.2

85 55.9 43.9 65.9

99 60.2 48.6 73.0



#56

Ethyl methacrylate

Concen: 19.964 ug/l

RT: 10.532 min Scan# 1429

Delta R.T. 0.012 min

Lab File: VY017067.D

Acq: 22 Jan 2024 11:19

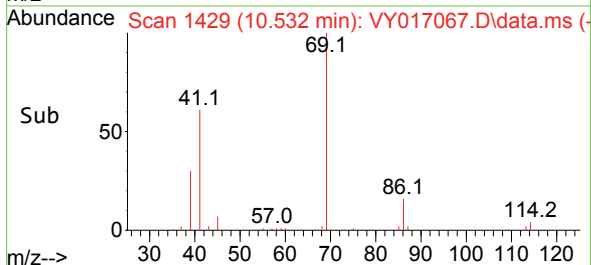
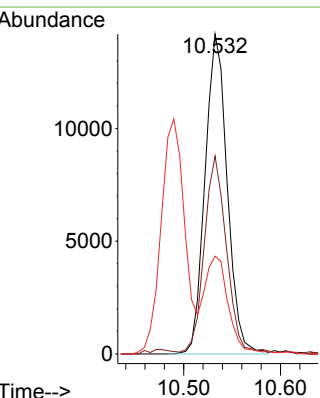
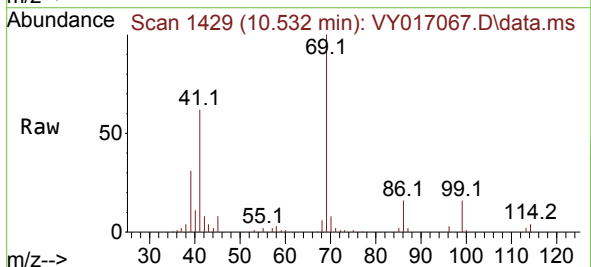
Tgt Ion: 69 Resp: 22578

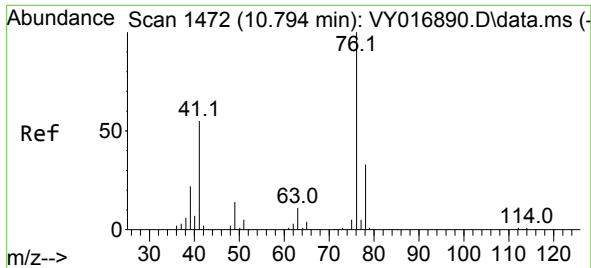
Ion Ratio Lower Upper

69 100

41 62.9 49.2 73.8

39 31.6 26.8 40.2





#57

1,3-Dichloropropane

Concen: 19.904 ug/l

RT: 10.813 min Scan# 1472

Delta R.T. 0.013 min

Lab File: VY017067.D

Acq: 22 Jan 2024 11:19

Instrument :

MSVOA_Y

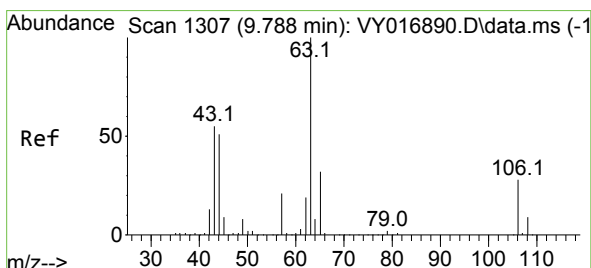
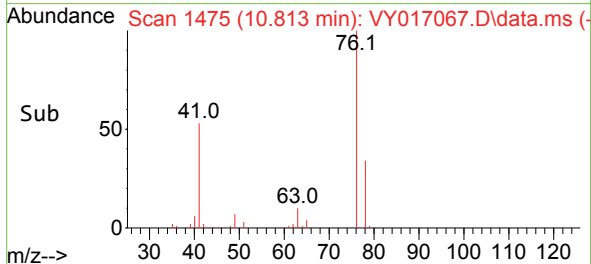
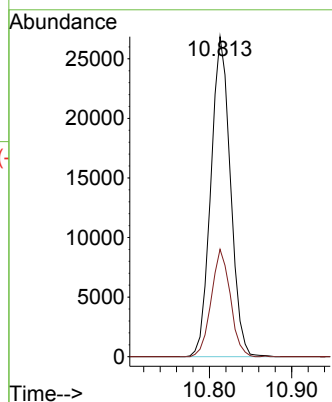
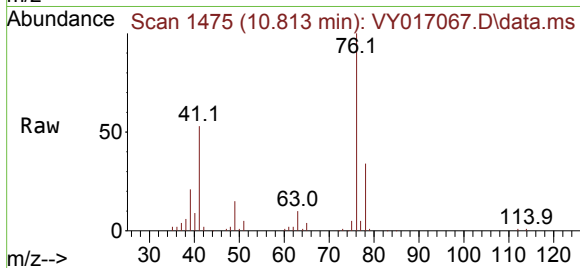
ClientSampleId :

Tgt Ion: 76 Resp: 44370

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 83.921 ug/l

RT: 9.807 min Scan# 1310

Delta R.T. 0.019 min

Lab File: VY017067.D

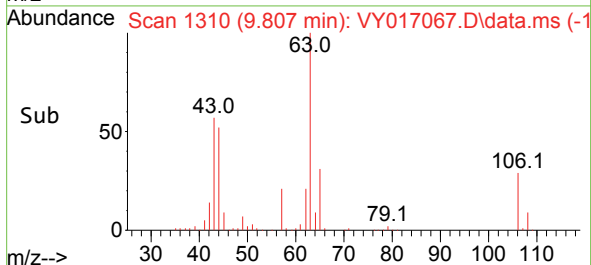
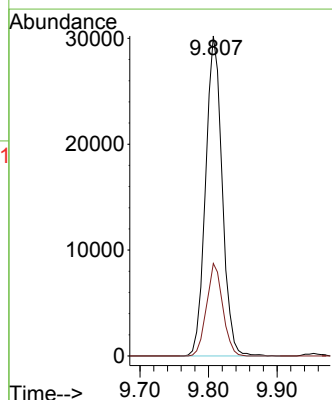
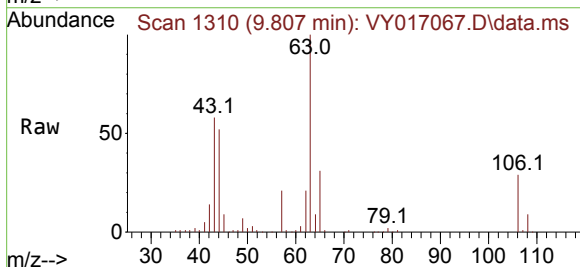
Acq: 22 Jan 2024 11:19

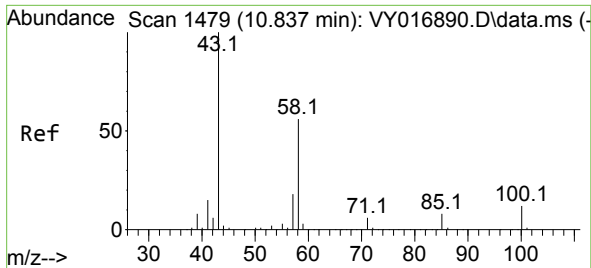
Tgt Ion: 63 Resp: 50860

Ion Ratio Lower Upper

63 100

106 28.2 22.4 33.6

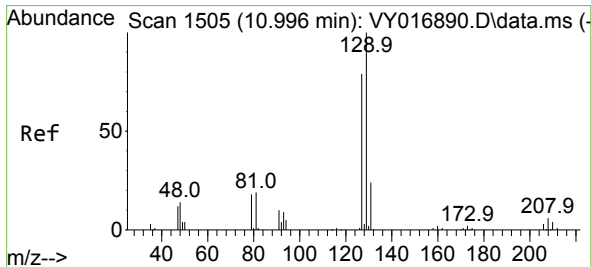
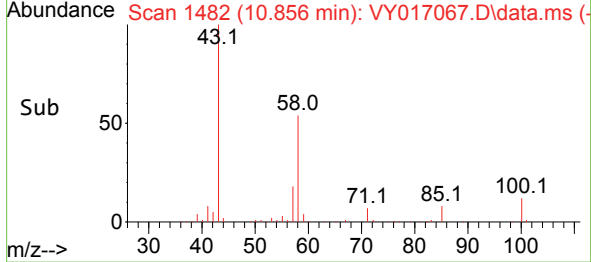
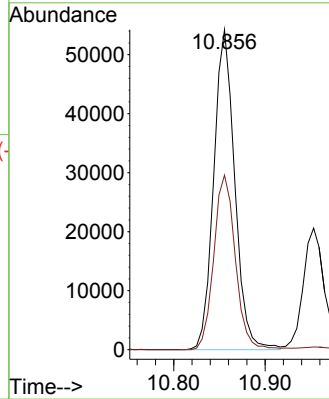
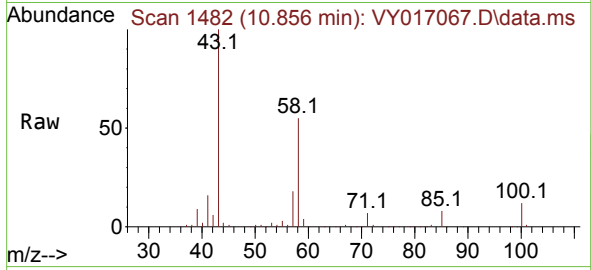




#59
2-Hexanone
Concen: 109.610 ug/l
RT: 10.856 min Scan# 1479
Delta R.T. 0.013 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19

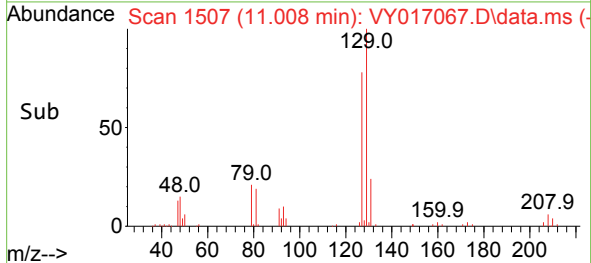
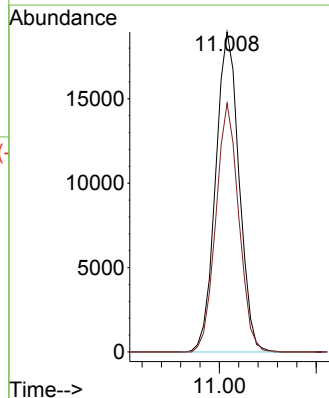
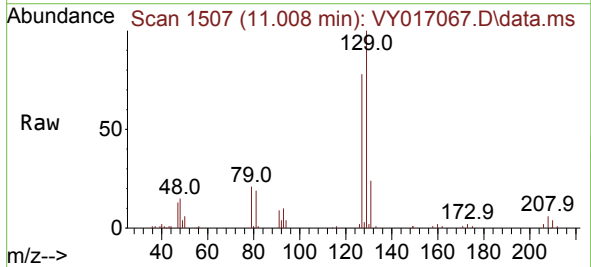
Instrument :
MSVOA_Y
ClientSampleId :

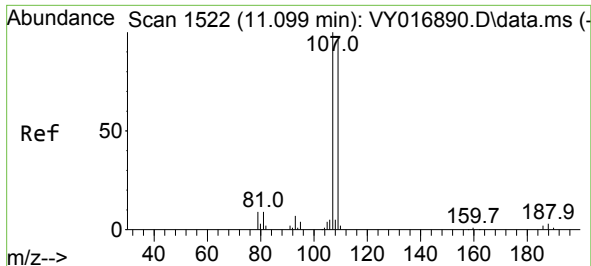
Tgt Ion: 43 Resp: 86615
Ion Ratio Lower Upper
43 100
58 56.0 28.1 84.3



#60
Dibromochloromethane
Concen: 20.660 ug/l
RT: 11.008 min Scan# 1507
Delta R.T. 0.012 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19

Tgt Ion: 129 Resp: 31811
Ion Ratio Lower Upper
129 100
127 76.0 39.2 117.6

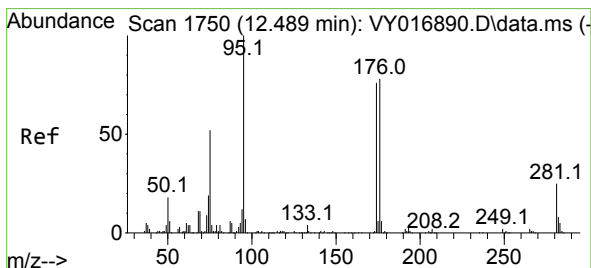
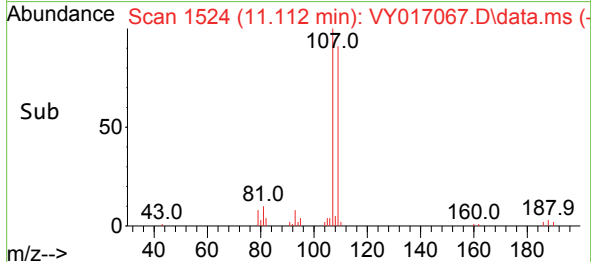
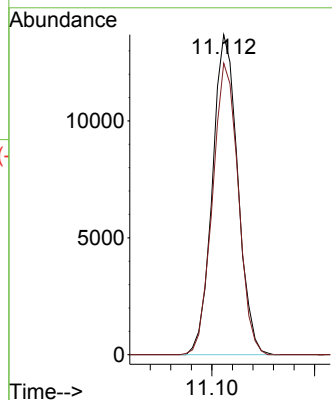
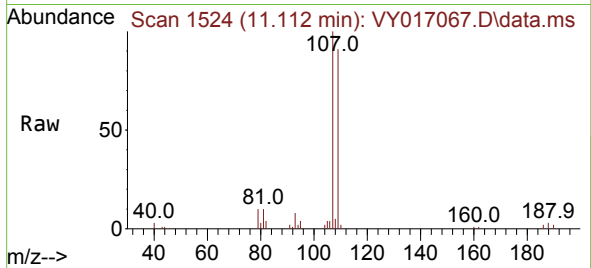




#61
1,2-Dibromoethane
Concen: 20.210 ug/l
RT: 11.112 min Scan# 1524
Delta R.T. 0.013 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19

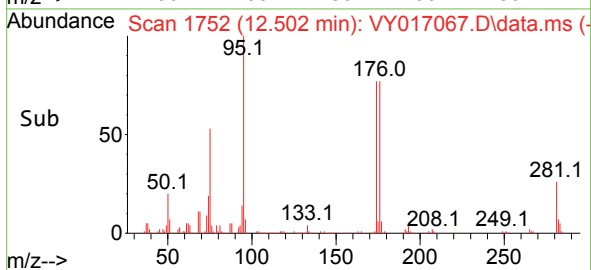
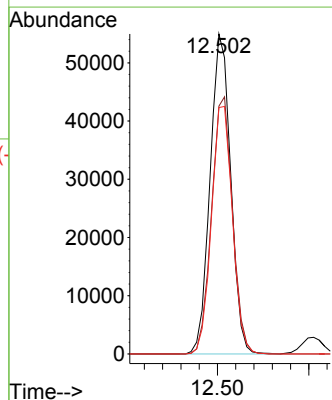
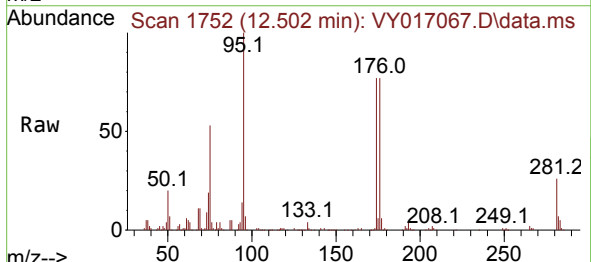
Instrument :
MSVOA_Y
ClientSampleId :

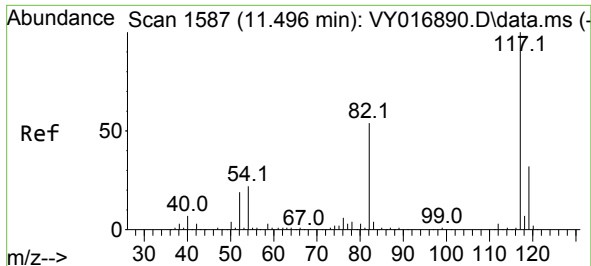
Tgt Ion:107 Resp: 23445
Ion Ratio Lower Upper
107 100
109 92.4 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 46.423 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.013 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19

Tgt Ion: 95 Resp: 85816
Ion Ratio Lower Upper
95 100
174 81.8 0.0 160.0
176 78.9 0.0 151.8

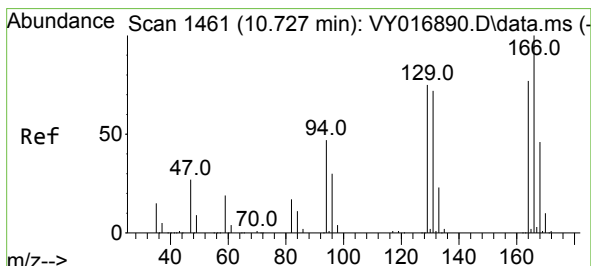
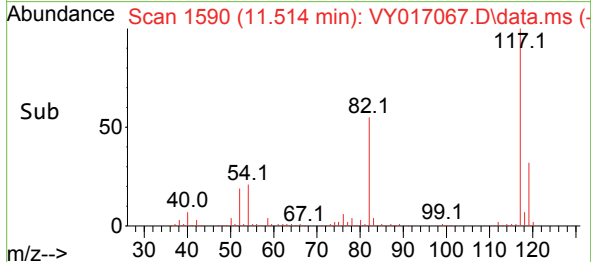
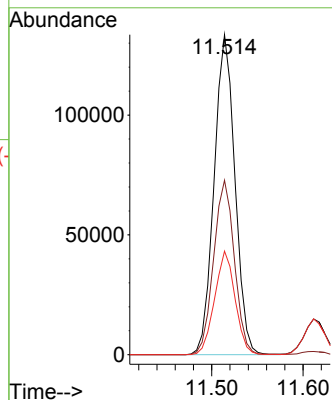
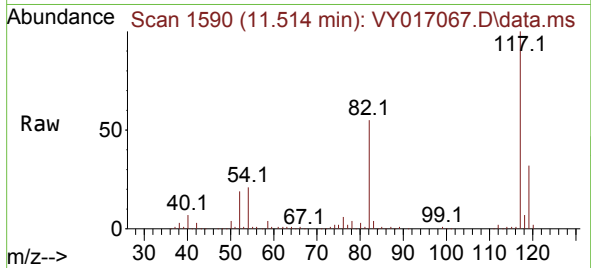




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19

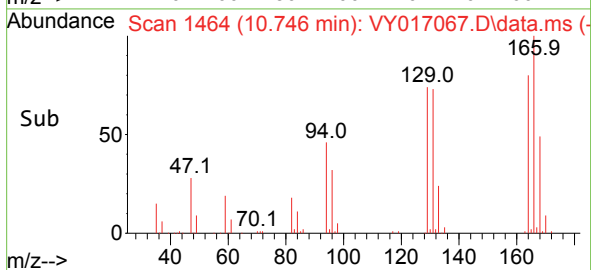
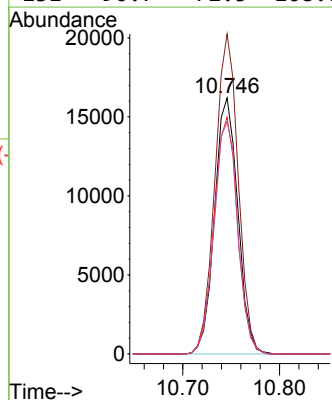
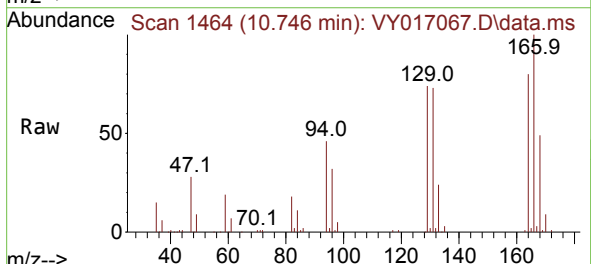
Instrument :
MSVOA_Y
ClientSampleId :

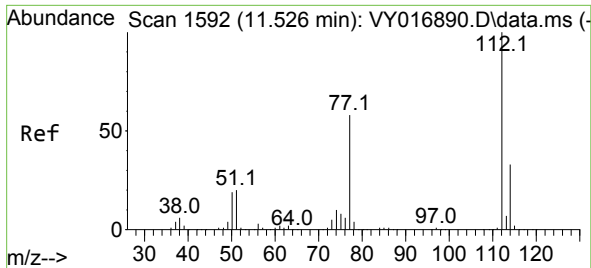
Tgt Ion:117 Resp: 211947
Ion Ratio Lower Upper
117 100
82 54.5 43.8 65.8
119 32.4 26.5 39.7



#64
Tetrachloroethene
Concen: 19.697 ug/l
RT: 10.746 min Scan# 1464
Delta R.T. 0.019 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19

Tgt Ion:164 Resp: 27066
Ion Ratio Lower Upper
164 100
166 125.0 98.8 148.2
129 92.6 78.9 118.3
131 90.7 72.5 108.7

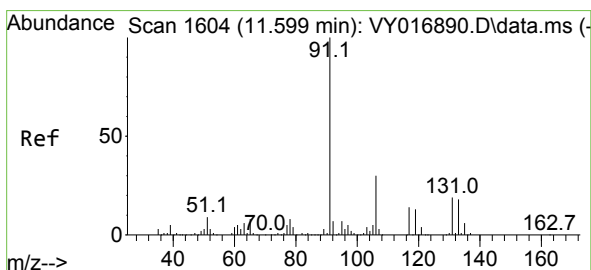
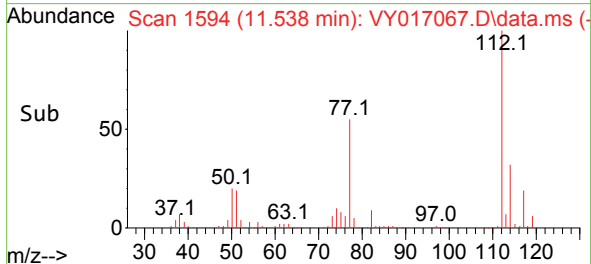
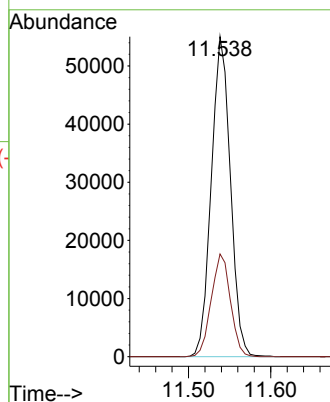
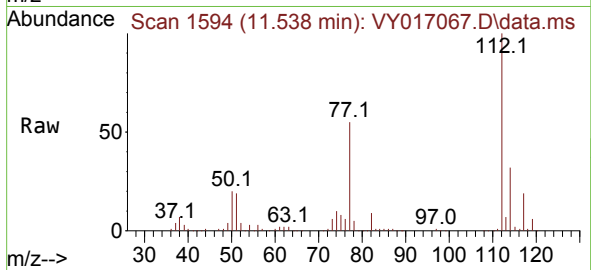




#65
Chlorobenzene
Concen: 20.109 ug/l
RT: 11.538 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19

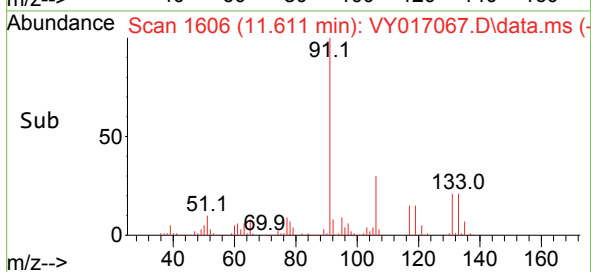
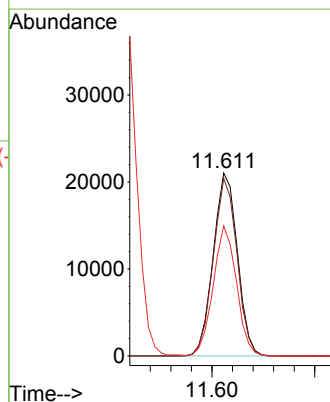
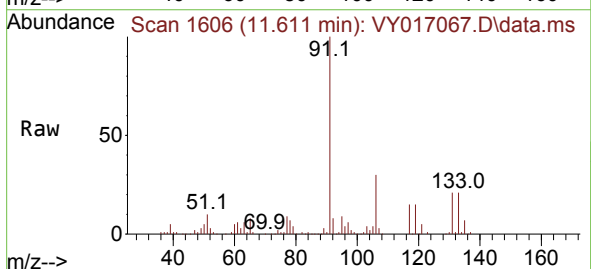
Instrument :
MSVOA_Y
ClientSampleId :

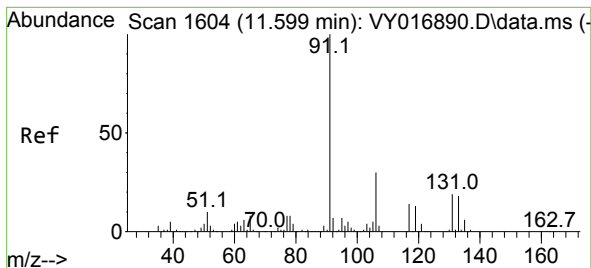
Tgt Ion:112 Resp: 88786
Ion Ratio Lower Upper
112 100
114 32.1 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.488 ug/l
RT: 11.611 min Scan# 1606
Delta R.T. 0.012 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19

Tgt Ion:131 Resp: 34388
Ion Ratio Lower Upper
131 100
133 95.2 47.0 141.0
119 68.4 33.3 99.9





#67

Ethyl Benzene

Concen: 20.240 ug/l

RT: 11.618 min Scan# 1

Delta R.T. 0.019 min

Lab File: VY017067.D

Acq: 22 Jan 2024 11:19

Instrument :

MSVOA_Y

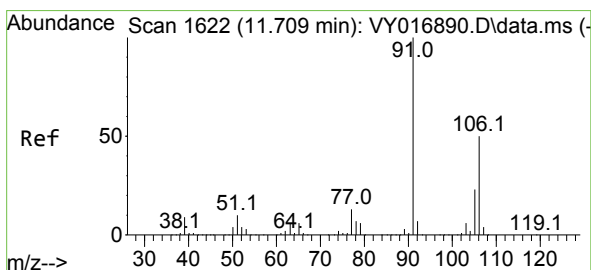
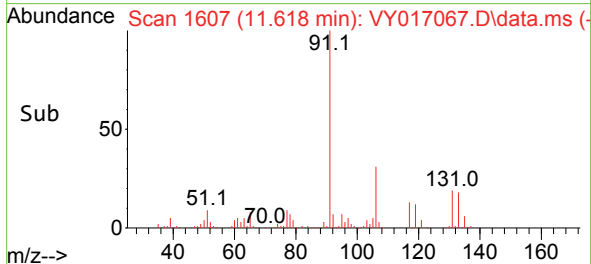
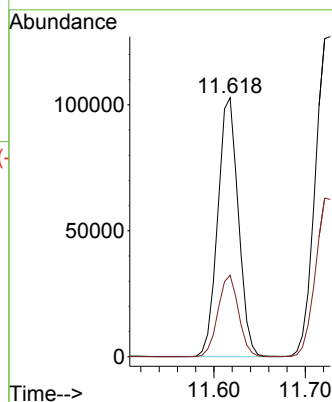
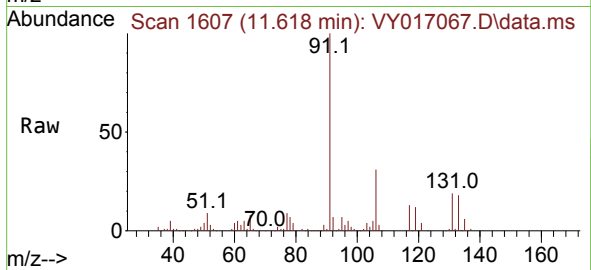
ClientSampleId :

Tgt Ion: 91 Resp: 160883

Ion Ratio Lower Upper

91 100

106 31.5 25.0 37.4



#68

m/p-Xylenes

Concen: 40.665 ug/l

RT: 11.721 min Scan# 1624

Delta R.T. 0.012 min

Lab File: VY017067.D

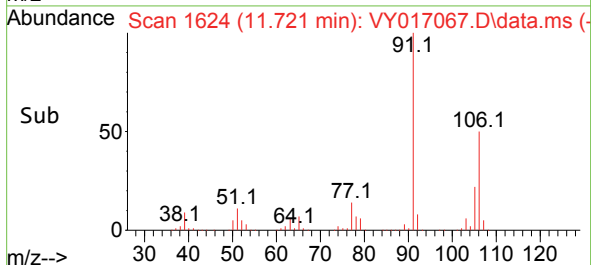
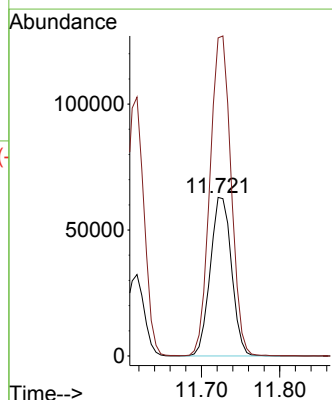
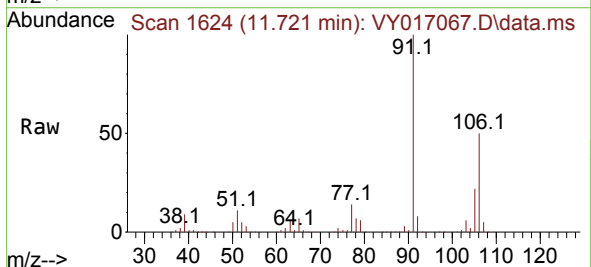
Acq: 22 Jan 2024 11:19

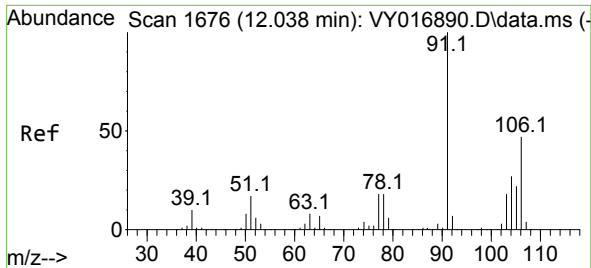
Tgt Ion:106 Resp: 118650

Ion Ratio Lower Upper

106 100

91 200.6 160.7 241.1

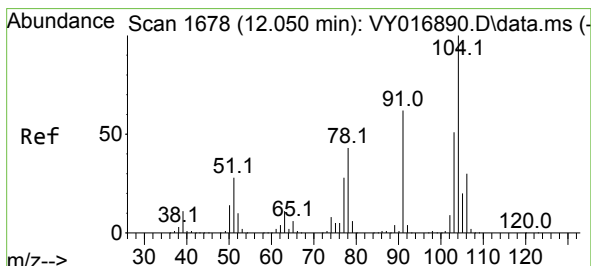
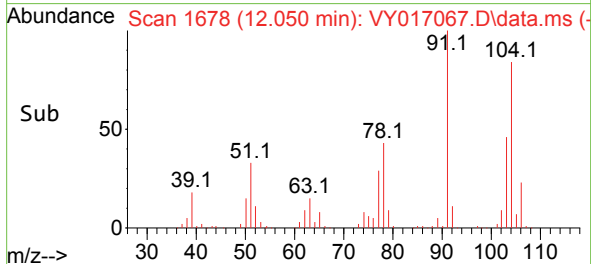
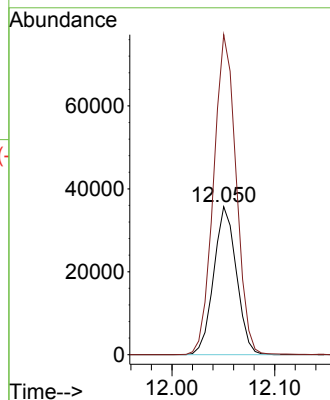
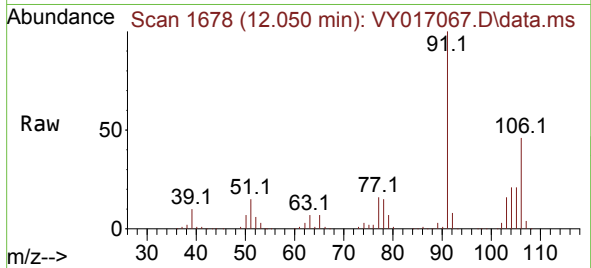




#69
o-Xylene
Concen: 19.992 ug/l
RT: 12.050 min Scan# 1681
Delta R.T. 0.012 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19

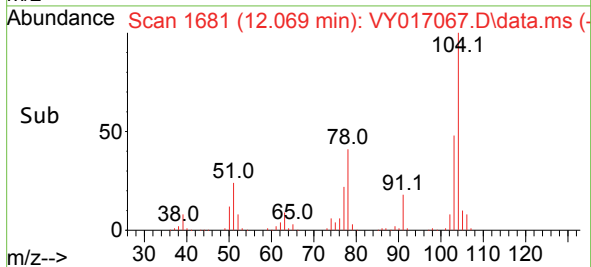
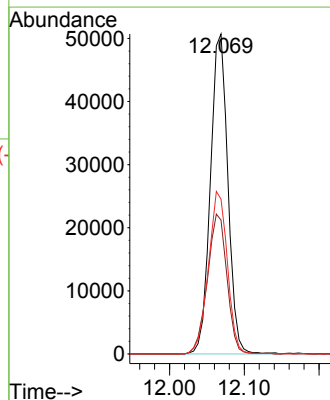
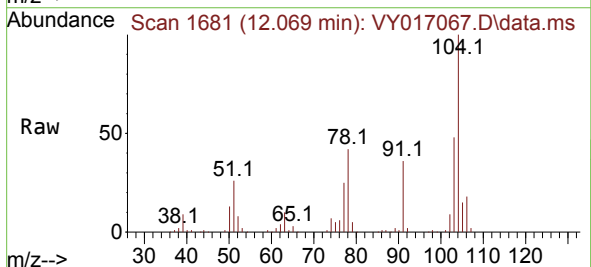
Instrument :
MSVOA_Y
ClientSampleId :

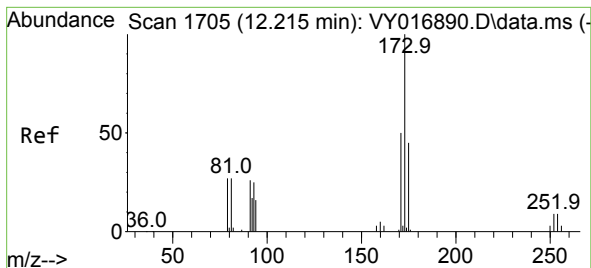
Tgt Ion:106 Resp: 54684
Ion Ratio Lower Upper
106 100
91 216.1 106.5 319.5



#70
Styrene
Concen: 20.665 ug/l
RT: 12.069 min Scan# 1681
Delta R.T. 0.019 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19

Tgt Ion:104 Resp: 82268
Ion Ratio Lower Upper
104 100
78 48.9 39.2 58.8
103 55.3 43.8 65.6





#71

Bromoform

Concen: 20.439 ug/l

RT: 12.233 min Scan# 11

Delta R.T. 0.018 min

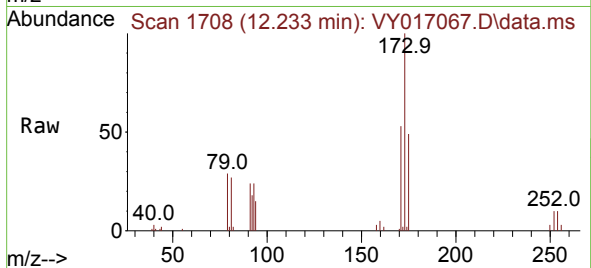
Lab File: VY017067.D

Acq: 22 Jan 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :



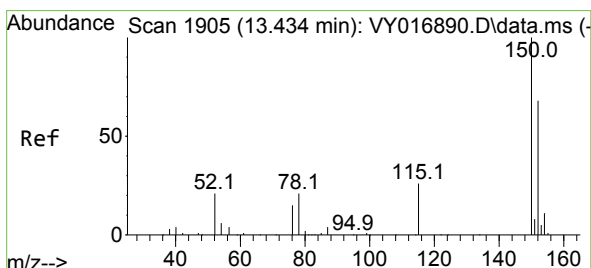
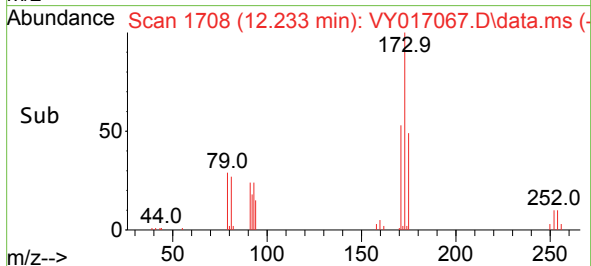
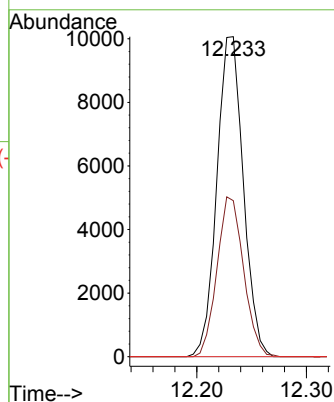
Tgt Ion:173 Resp: 16888

Ion Ratio Lower Upper

173 100

175 50.2 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.013 min

Lab File: VY017067.D

Acq: 22 Jan 2024 11:19

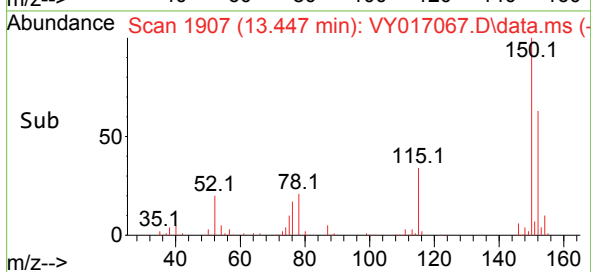
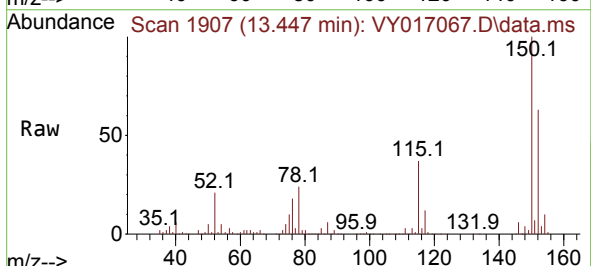
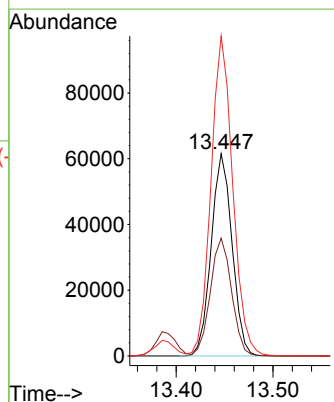
Tgt Ion:152 Resp: 92415

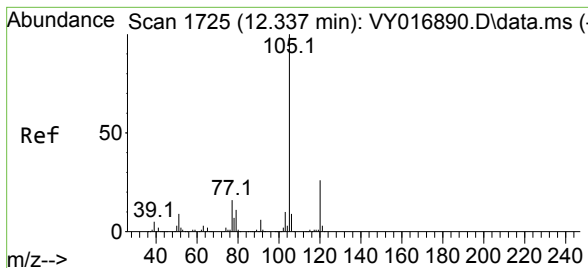
Ion Ratio Lower Upper

152 100

115 59.1 30.0 90.0

150 164.8 0.0 344.6





#73

Isopropylbenzene

Concen: 20.851 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017067.D

Acq: 22 Jan 2024 11:19

Instrument :

MSVOA_Y

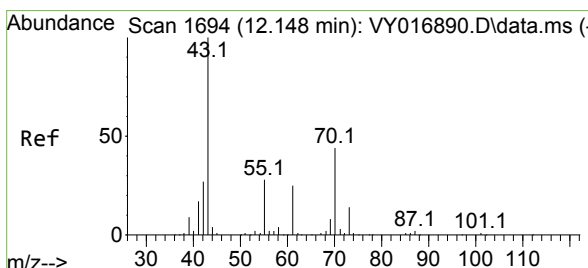
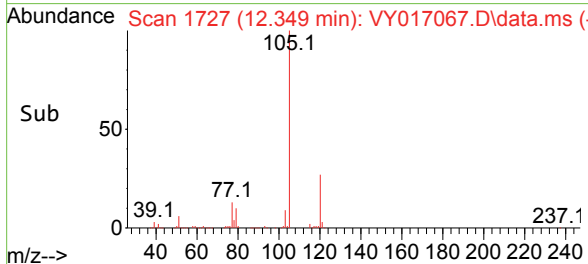
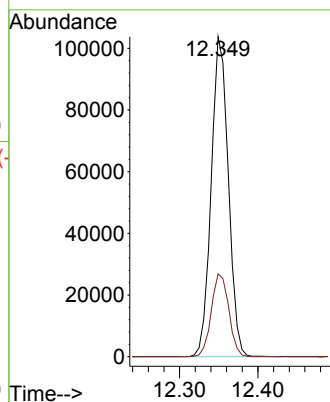
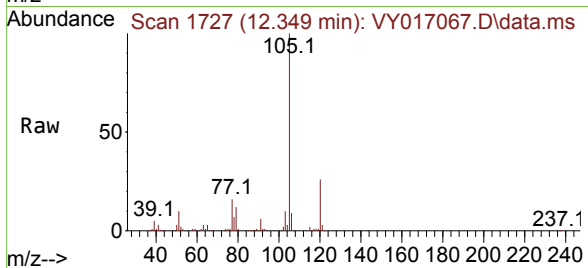
ClientSampleId :

Tgt Ion:105 Resp: 157356

Ion Ratio Lower Upper

105 100

120 26.3 13.0 39.0



#74

N-ethyl acetate

Concen: 21.121 ug/l

RT: 12.166 min Scan# 1697

Delta R.T. 0.012 min

Lab File: VY017067.D

Acq: 22 Jan 2024 11:19

Tgt Ion: 43 Resp: 32024

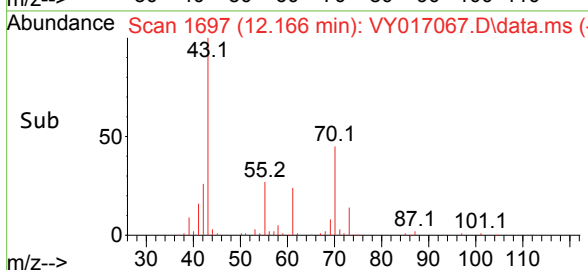
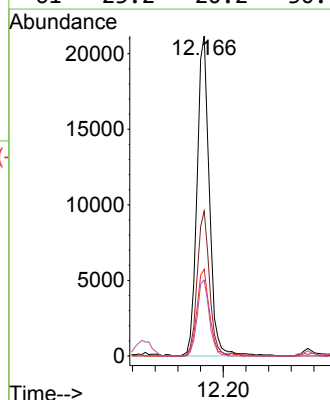
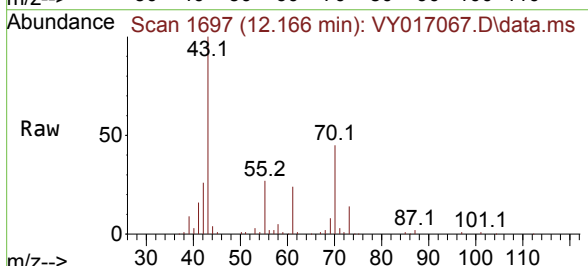
Ion Ratio Lower Upper

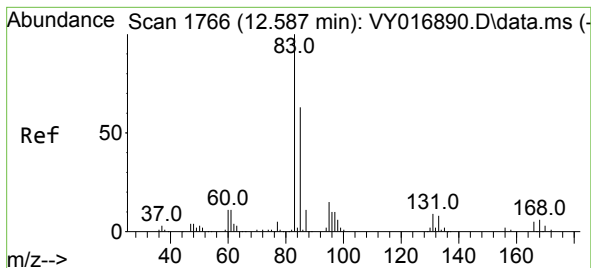
43 100

70 44.5 36.6 55.0

55 28.0 22.2 33.4

61 23.2 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.293 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.012 min

Lab File: VY017067.D

Acq: 22 Jan 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

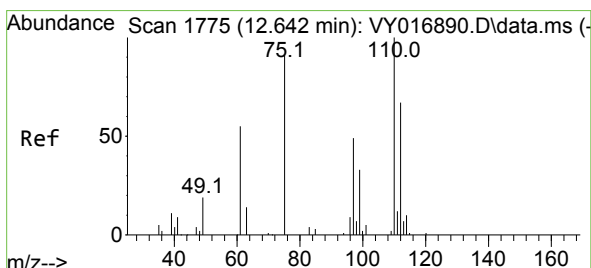
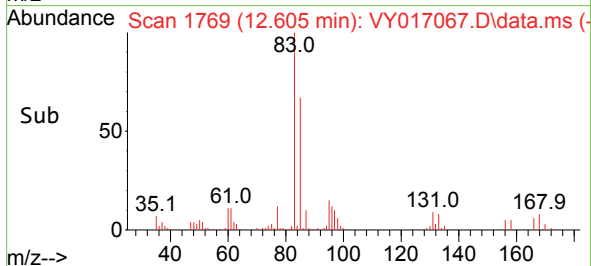
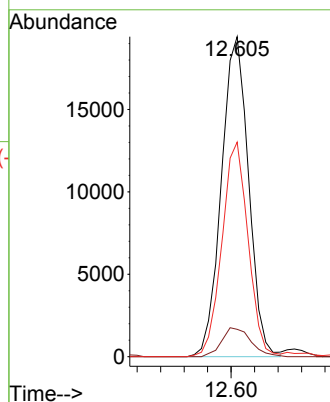
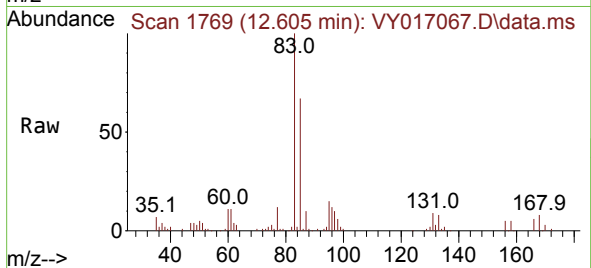
Tgt Ion: 83 Resp: 31204

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.6

85 64.5 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 36.091 ug/l

RT: 12.654 min Scan# 1777

Delta R.T. 0.012 min

Lab File: VY017067.D

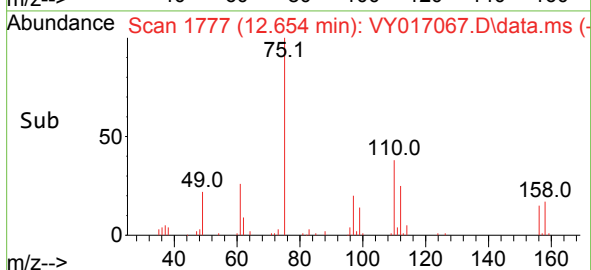
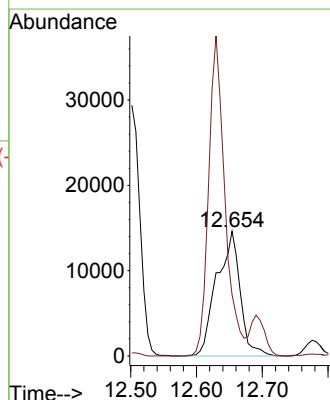
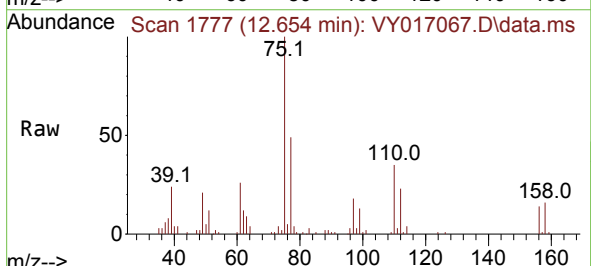
Acq: 22 Jan 2024 11:19

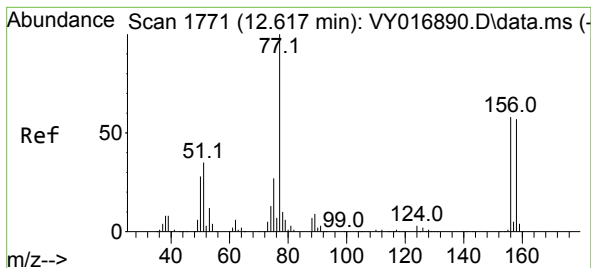
Tgt Ion: 75 Resp: 36195

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.974 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.013 min

Lab File: VY017067.D

Acq: 22 Jan 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

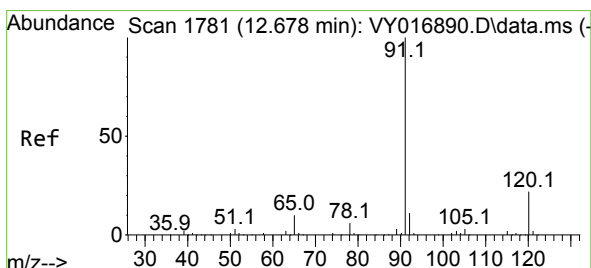
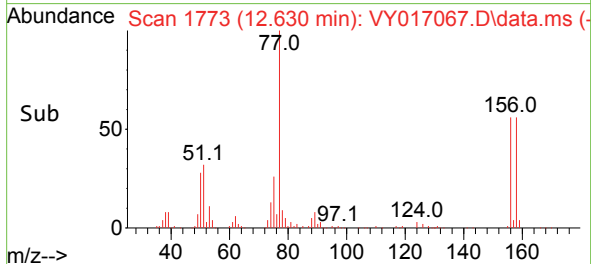
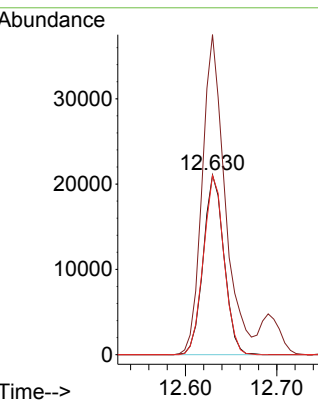
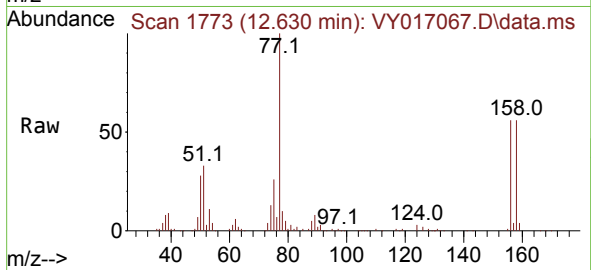
Tgt Ion:156 Resp: 33188

Ion Ratio Lower Upper

156 100

77 195.3 97.3 291.8

158 99.5 48.4 145.0



#78

n-propylbenzene

Concen: 21.067 ug/l

RT: 12.691 min Scan# 1783

Delta R.T. 0.013 min

Lab File: VY017067.D

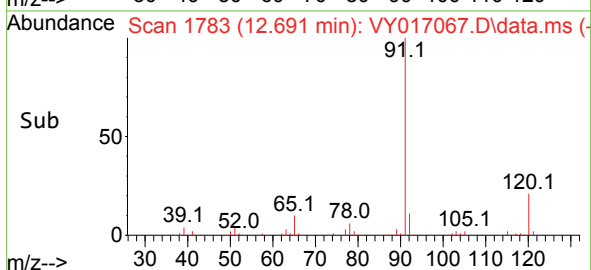
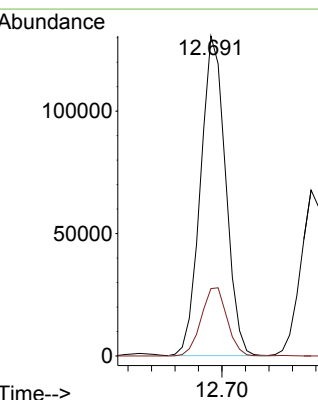
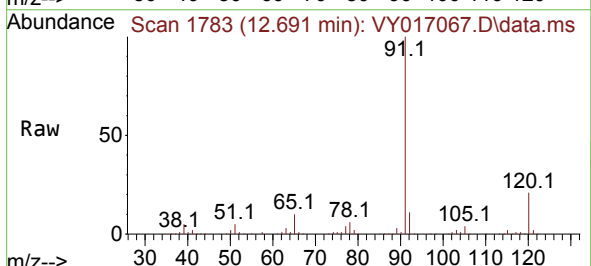
Acq: 22 Jan 2024 11:19

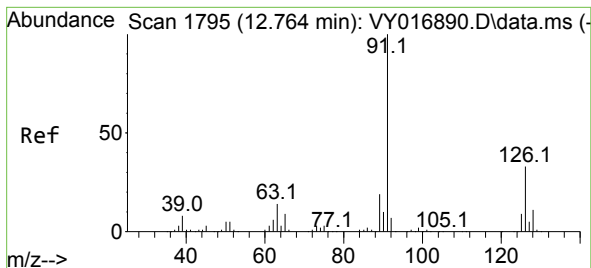
Tgt Ion: 91 Resp: 193284

Ion Ratio Lower Upper

91 100

120 22.0 11.0 33.0





#79

2-Chlorotoluene

Concen: 20.433 ug/l

RT: 12.776 min Scan# 1

Delta R.T. 0.013 min

Lab File: VY017067.D

Acq: 22 Jan 2024 11:19

Instrument :

MSVOA_Y

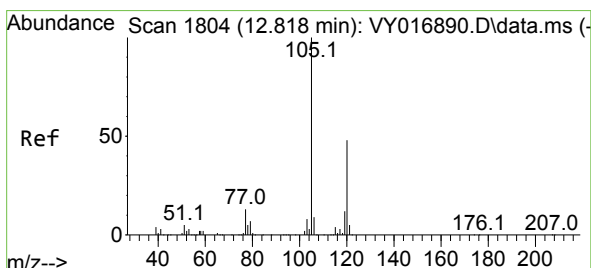
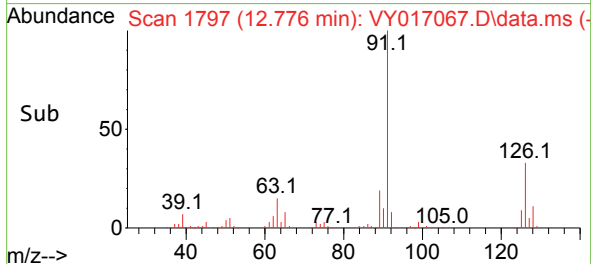
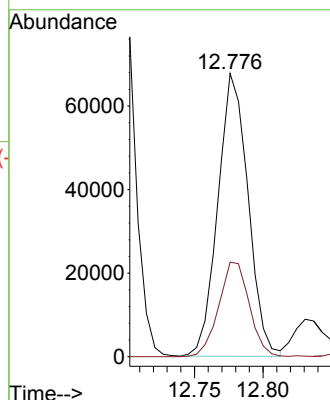
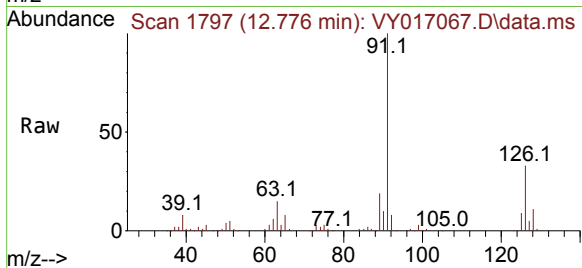
ClientSampleId :

Tgt Ion: 91 Resp: 103951

Ion Ratio Lower Upper

91 100

126 33.8 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 21.005 ug/l

RT: 12.831 min Scan# 1806

Delta R.T. 0.013 min

Lab File: VY017067.D

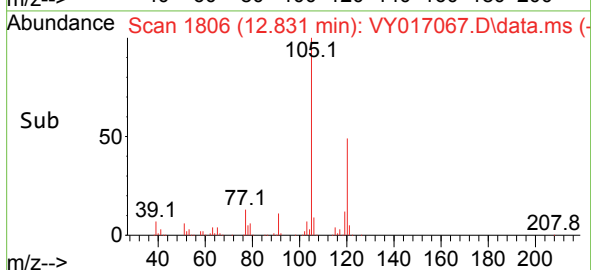
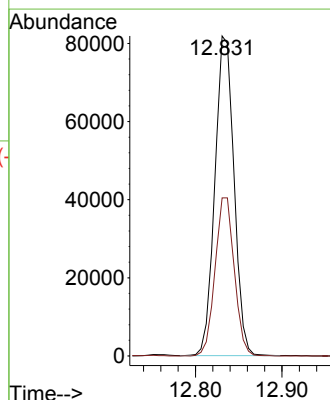
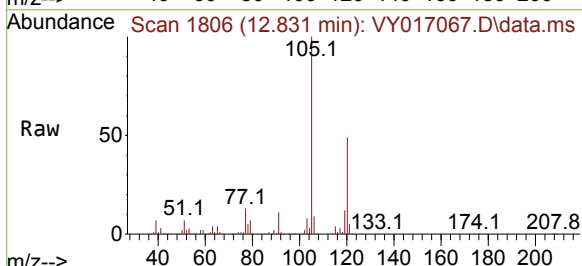
Acq: 22 Jan 2024 11:19

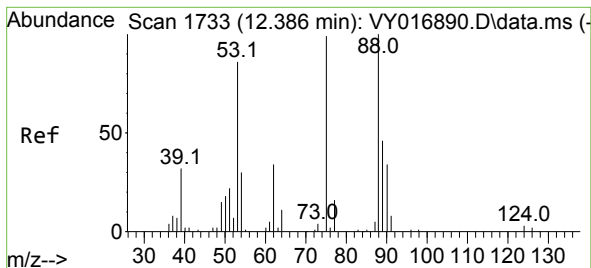
Tgt Ion:105 Resp: 125370

Ion Ratio Lower Upper

105 100

120 49.9 24.3 72.8

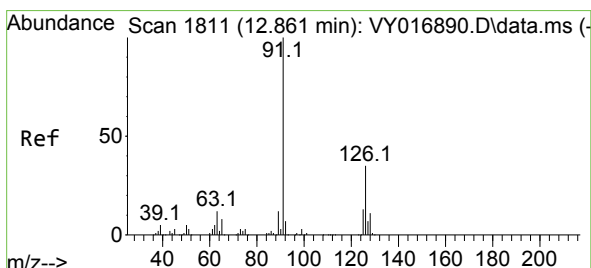
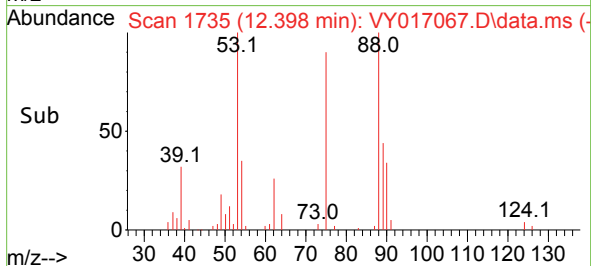
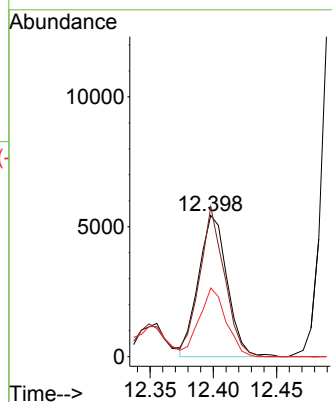
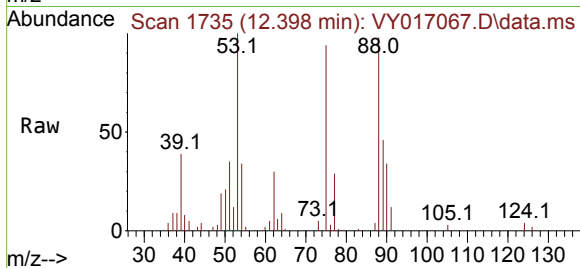




#81
trans-1,4-Dichloro-2-butene
Concen: 19.459 ug/l
RT: 12.398 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19

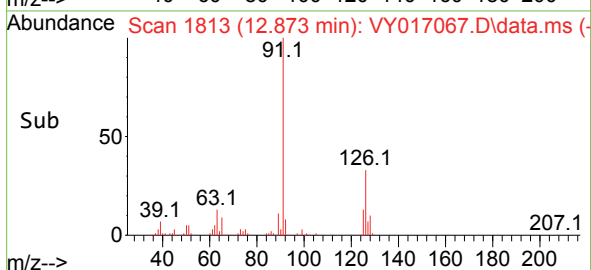
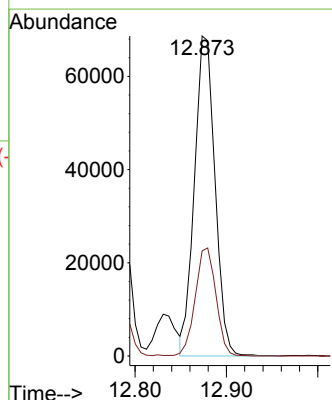
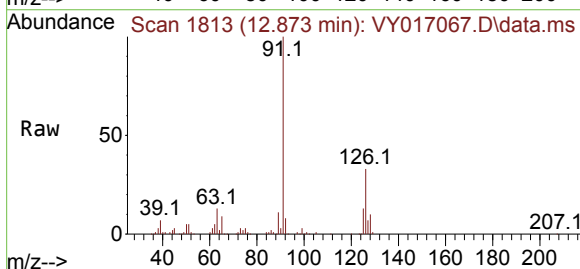
Instrument :
MSVOA_Y
ClientSampleId :

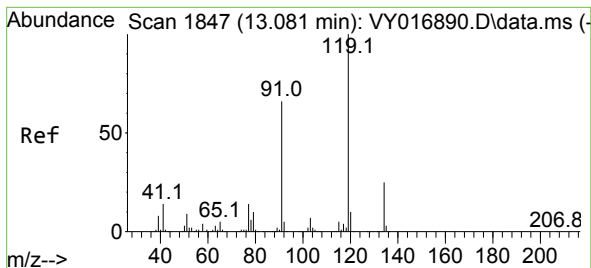
Tgt Ion: 75 Resp: 8594
Ion Ratio Lower Upper
75 100
53 93.9 74.0 111.0
89 45.6 36.5 54.7



#82
4-Chlorotoluene
Concen: 20.681 ug/l
RT: 12.873 min Scan# 1813
Delta R.T. 0.012 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19

Tgt Ion: 91 Resp: 107489
Ion Ratio Lower Upper
91 100
126 34.0 17.1 51.2





#83

tert-Butylbenzene

Concen: 21.601 ug/l

RT: 13.099 min Scan# 1850

Delta R.T. 0.012 min

Lab File: VY017067.D

Acq: 22 Jan 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

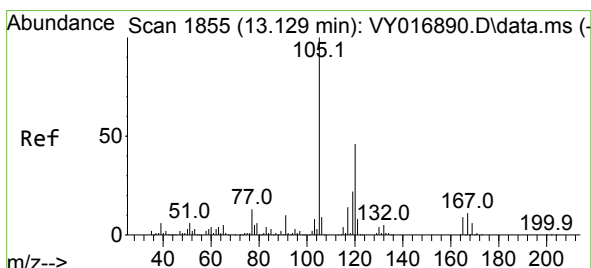
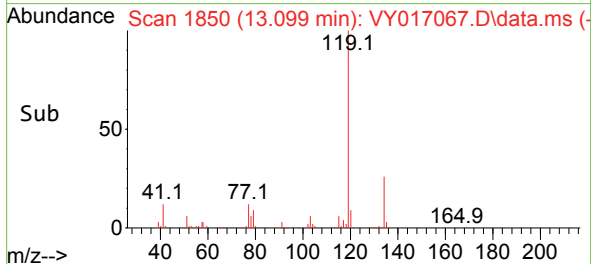
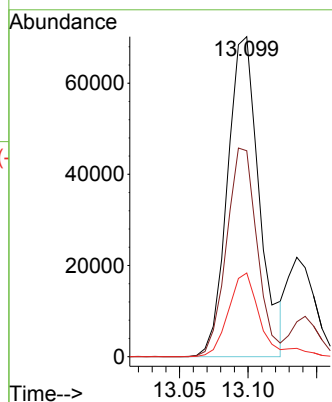
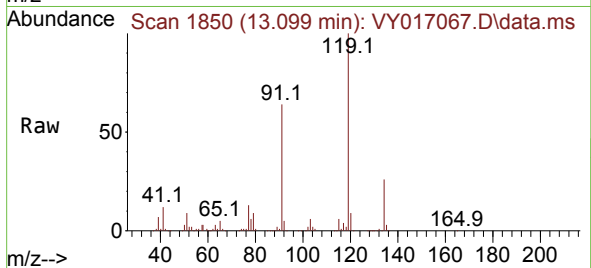
Tgt Ion:119 Resp: 113554

Ion Ratio Lower Upper

119 100

91 63.0 31.5 94.5

134 26.6 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 21.239 ug/l

RT: 13.142 min Scan# 1857

Delta R.T. 0.013 min

Lab File: VY017067.D

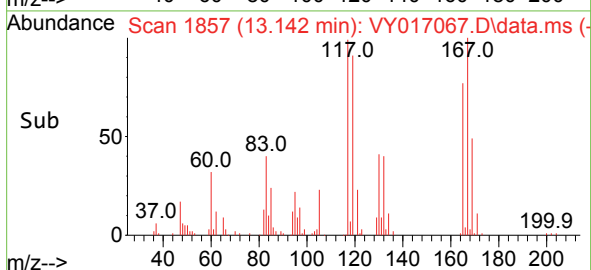
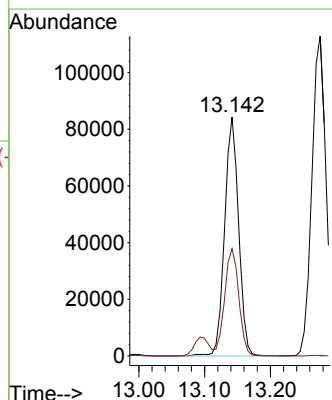
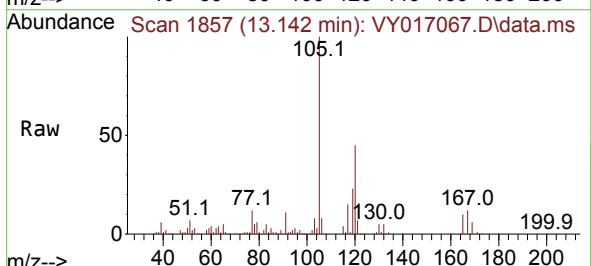
Acq: 22 Jan 2024 11:19

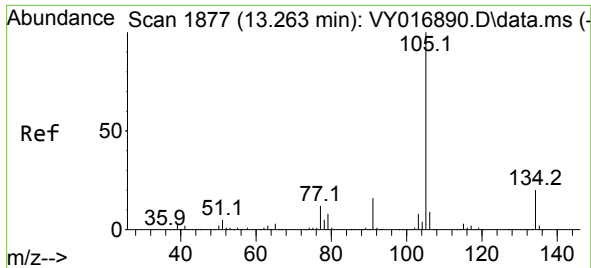
Tgt Ion:105 Resp: 124836

Ion Ratio Lower Upper

105 100

120 45.7 22.1 66.3

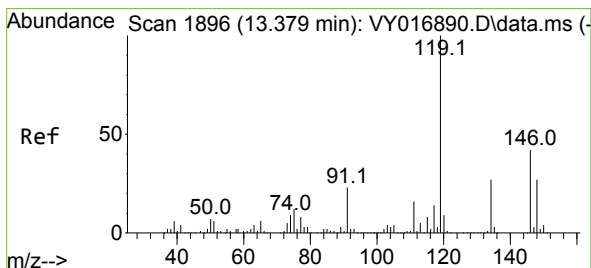
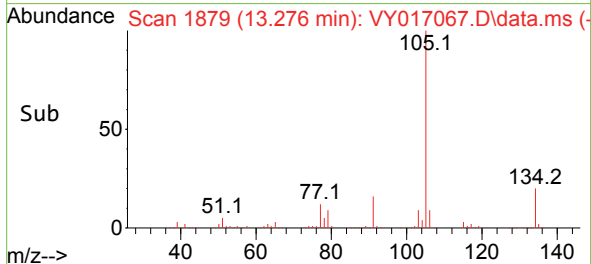
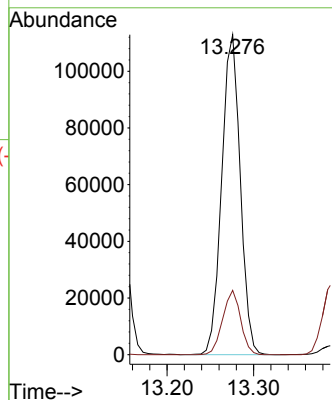
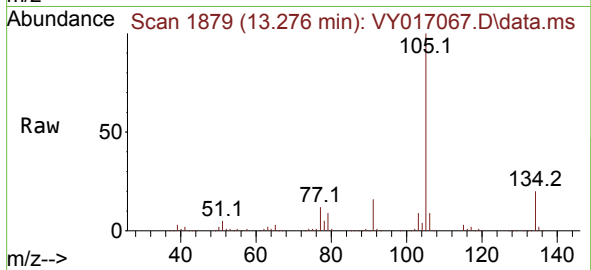




#85
 sec-Butylbenzene
 Concen: 21.567 ug/l
 RT: 13.276 min Scan# 1879
 Delta R.T. 0.013 min
 Lab File: VY017067.D
 Acq: 22 Jan 2024 11:19

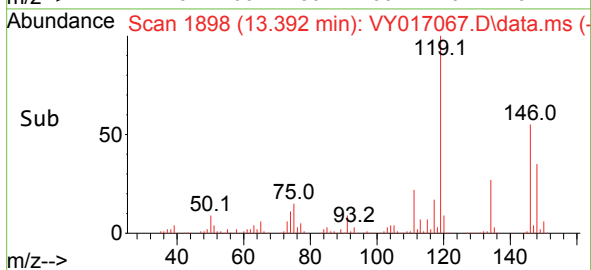
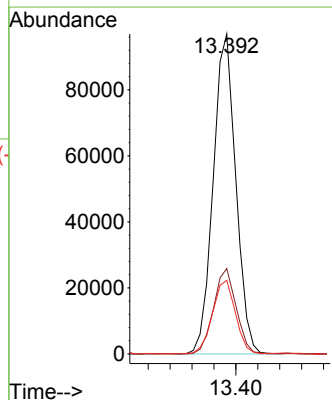
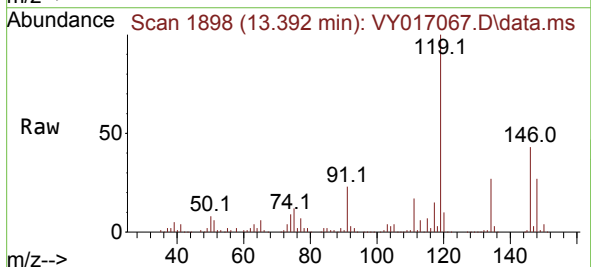
Instrument :
 MSVOA_Y
 ClientSampleId :

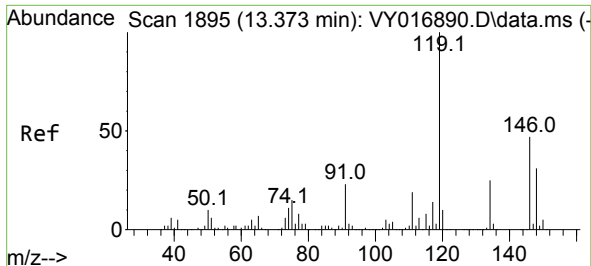
Tgt Ion:105 Resp: 167997
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 21.604 ug/l
 RT: 13.392 min Scan# 1898
 Delta R.T. 0.013 min
 Lab File: VY017067.D
 Acq: 22 Jan 2024 11:19

Tgt Ion:119 Resp: 138887
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.1 39.1
 91 23.1 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 20.479 ug/l

RT: 13.386 min Scan# 11

Delta R.T. 0.013 min

Lab File: VY017067.D

Acq: 22 Jan 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

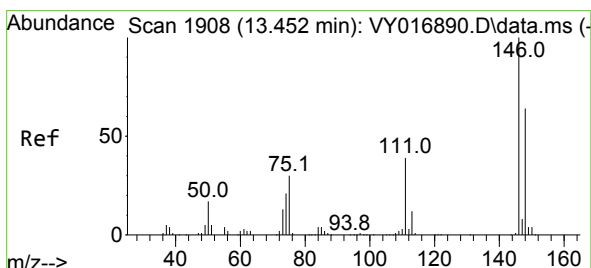
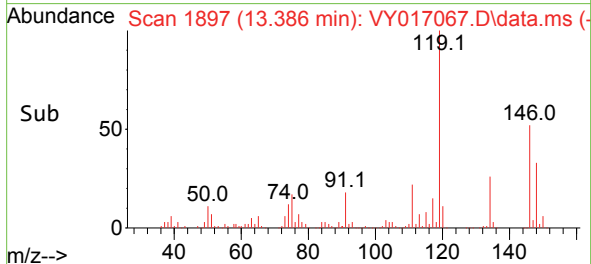
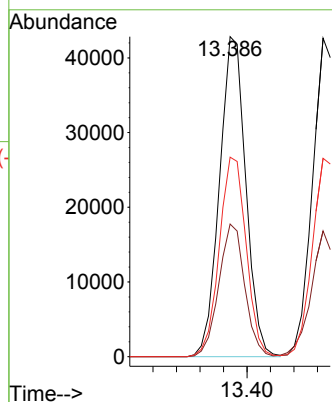
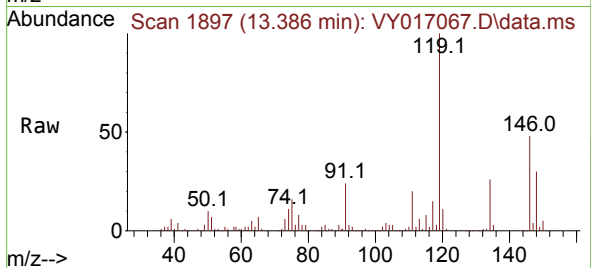
Tgt Ion:146 Resp: 66735

Ion Ratio Lower Upper

146 100

111 40.8 20.2 60.5

148 63.6 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 20.827 ug/l

RT: 13.465 min Scan# 1910

Delta R.T. 0.013 min

Lab File: VY017067.D

Acq: 22 Jan 2024 11:19

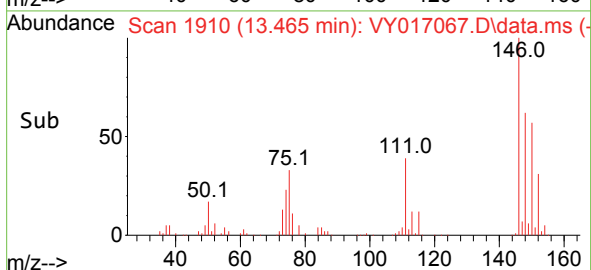
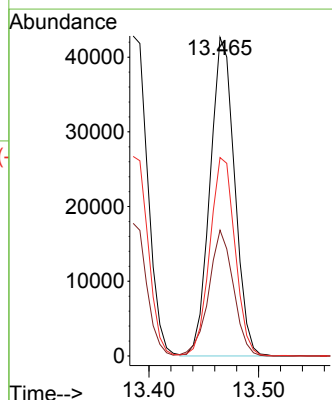
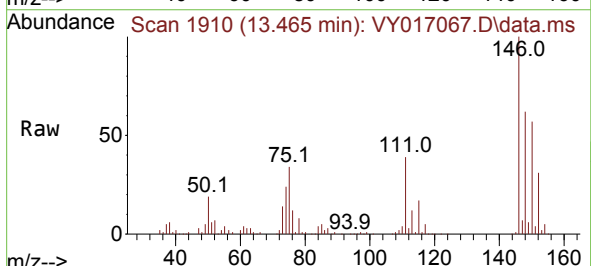
Tgt Ion:146 Resp: 66380

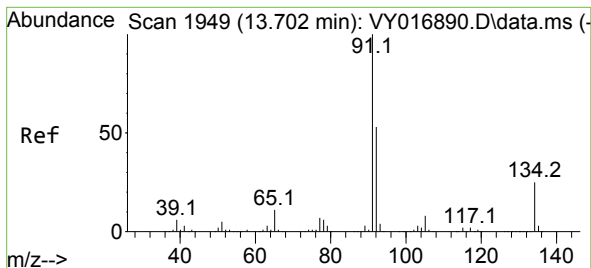
Ion Ratio Lower Upper

146 100

111 39.7 19.3 57.9

148 63.8 31.6 94.7





#89

n-Butylbenzene

Concen: 22.016 ug/l

RT: 13.715 min Scan# 1951

Delta R.T. 0.013 min

Lab File: VY017067.D

Acq: 22 Jan 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

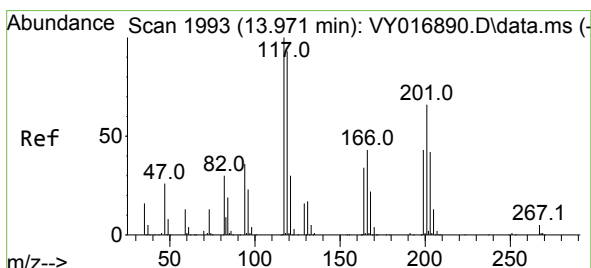
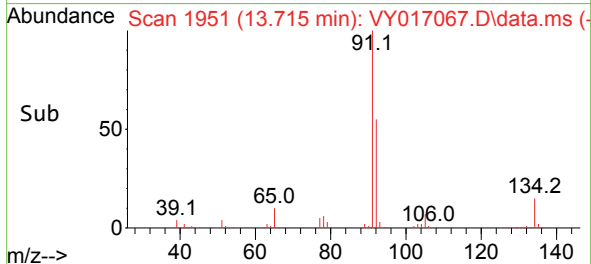
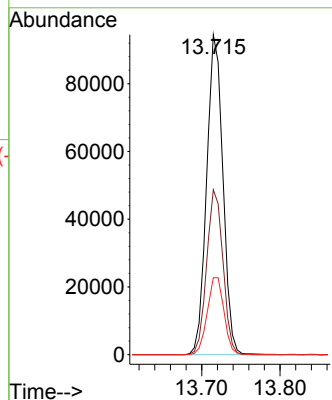
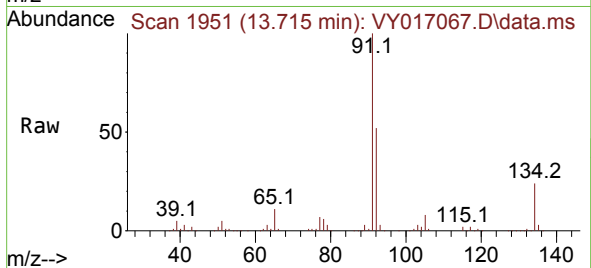
Tgt Ion: 91 Resp: 136082

Ion Ratio Lower Upper

91 100

92 51.6 26.4 79.2

134 24.8 12.3 36.8



#90

Hexachloroethane

Concen: 20.808 ug/l

RT: 13.983 min Scan# 1995

Delta R.T. 0.012 min

Lab File: VY017067.D

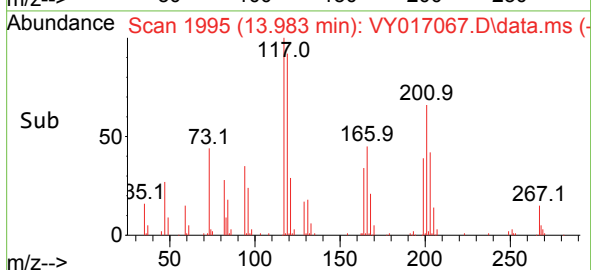
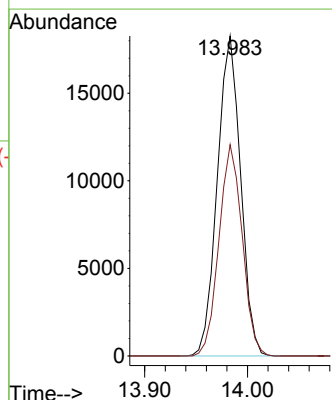
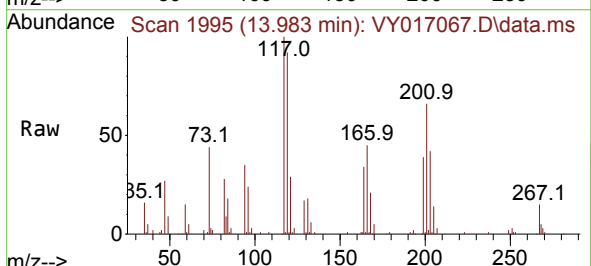
Acq: 22 Jan 2024 11:19

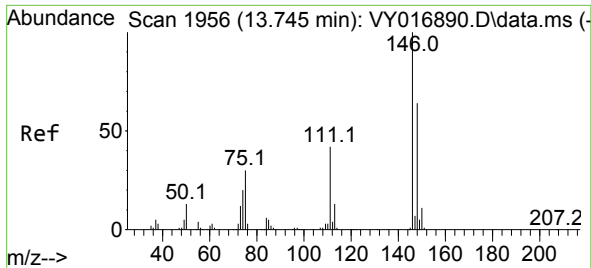
Tgt Ion:117 Resp: 28744

Ion Ratio Lower Upper

117 100

201 65.9 33.4 100.1

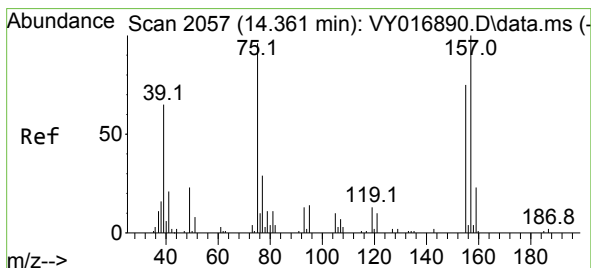
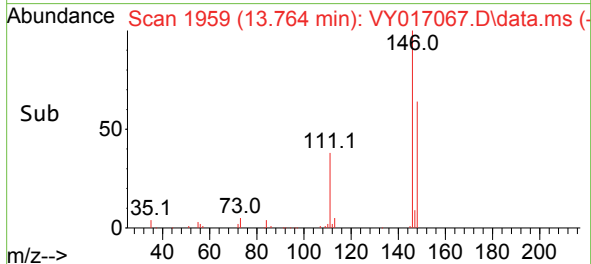
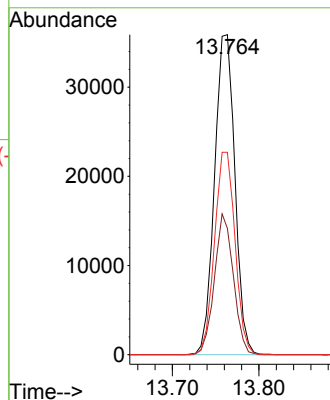
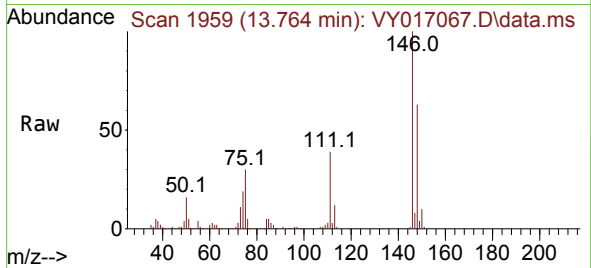




#91
1,2-Dichlorobenzene
Concen: 20.799 ug/l
RT: 13.764 min Scan# 1959
Delta R.T. 0.013 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19

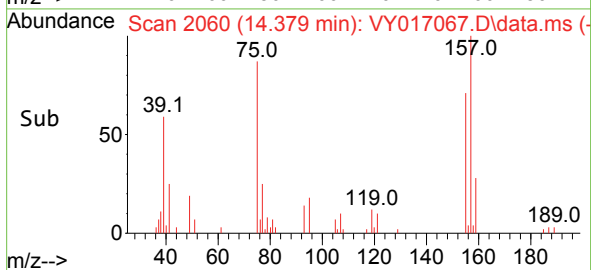
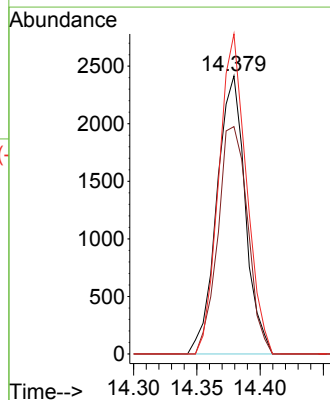
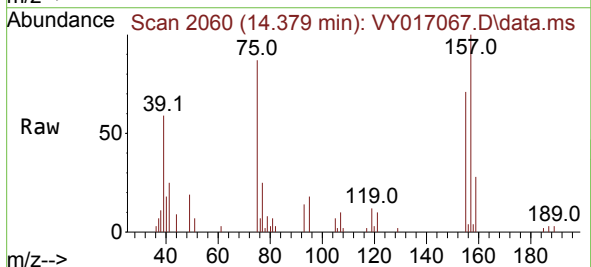
Instrument :
MSVOA_Y
ClientSampleId :

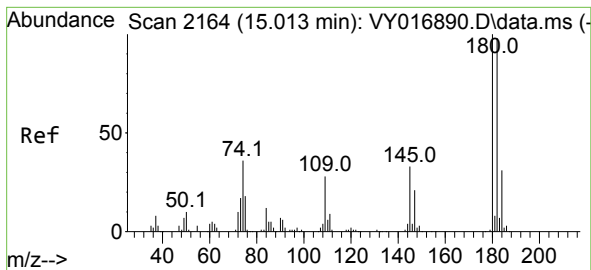
Tgt Ion:146 Resp: 58572
Ion Ratio Lower Upper
146 100
111 41.0 20.5 61.6
148 64.0 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.573 ug/l
RT: 14.379 min Scan# 2060
Delta R.T. 0.012 min
Lab File: VY017067.D
Acq: 22 Jan 2024 11:19

Tgt Ion: 75 Resp: 3774
Ion Ratio Lower Upper
75 100
155 85.7 42.1 126.3
157 111.4 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 21.638 ug/l

RT: 15.032 min Scan# 2167

Delta R.T. 0.013 min

Lab File: VY017067.D

Acq: 22 Jan 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

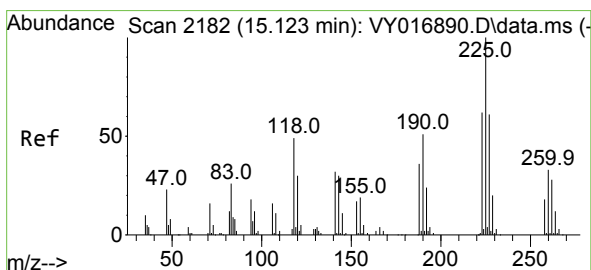
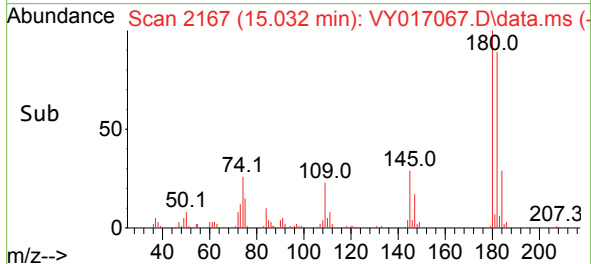
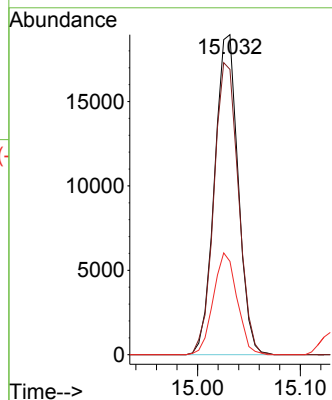
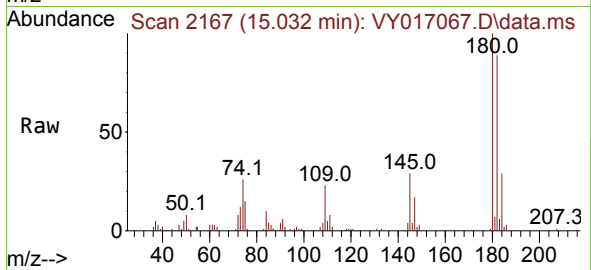
Tgt Ion:180 Resp: 30259

Ion Ratio Lower Upper

180 100

182 94.6 47.9 143.7

145 32.0 15.9 47.7



#94

Hexachlorobutadiene

Concen: 21.920 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY017067.D

Acq: 22 Jan 2024 11:19

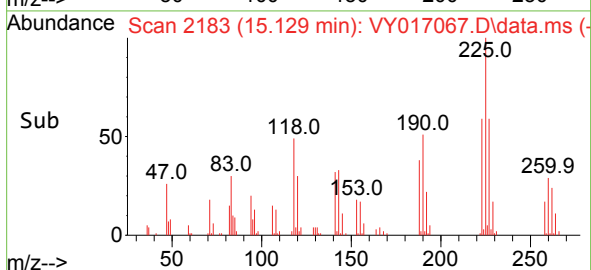
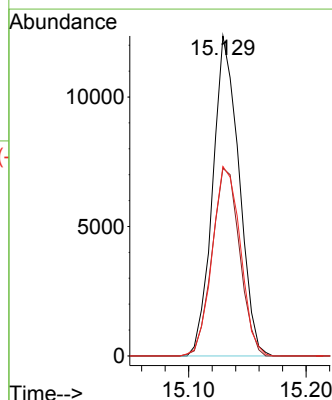
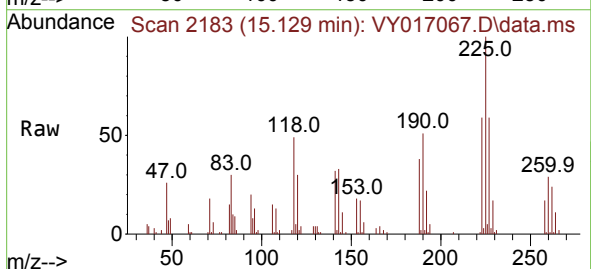
Tgt Ion:225 Resp: 19203

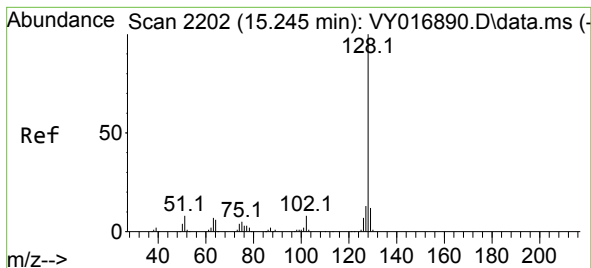
Ion Ratio Lower Upper

225 100

223 61.7 31.4 94.3

227 63.5 32.3 96.8





#95

Naphthalene

Concen: 21.005 ug/l

RT: 15.257 min Scan# 2204

Delta R.T. 0.012 min

Lab File: VY017067.D

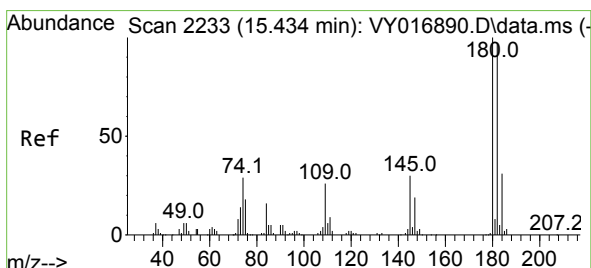
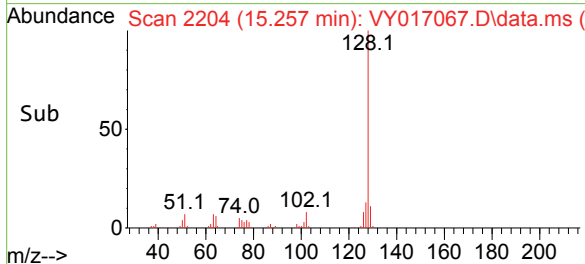
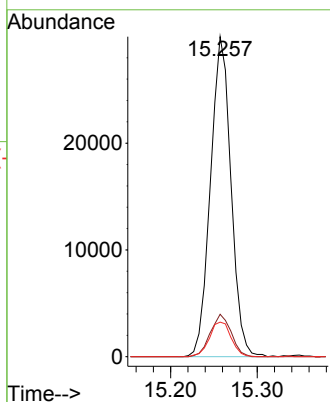
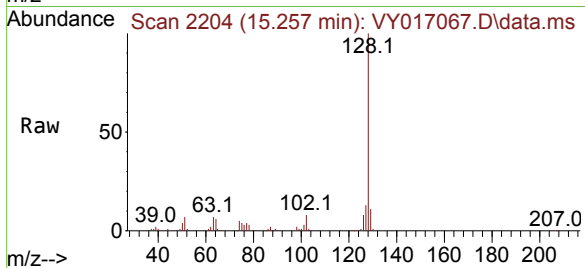
Acq: 22 Jan 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	128	Resp:	49295
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.2	15.4
129	11.5	8.6	12.8



#96

1,2,3-Trichlorobenzene

Concen: 21.087 ug/l

RT: 15.446 min Scan# 2235

Delta R.T. 0.012 min

Lab File: VY017067.D

Acq: 22 Jan 2024 11:19

Tgt Ion:	180	Resp:	25039
Ion Ratio	Lower	Upper	
180	100		
182	91.8	46.3	138.8
145	32.1	16.1	48.2

