

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042424\
 Data File : VY018031.D
 Acq On : 24 Apr 2024 11:25
 Operator : SY/MD
 Sample : VY0424SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 25 01:32:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	349452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	541452	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	475050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	226544	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	150084	49.630	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.260%
35) Dibromofluoromethane	7.715	113	177276	53.070	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.140%
50) Toluene-d8	10.178	98	700684	55.280	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.560%
62) 4-Bromofluorobenzene	12.483	95	205068	52.239	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.480%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.899	85	62177	22.428	ug/l	100
3) Chloromethane	2.113	50	91097	19.831	ug/l	97
4) Vinyl Chloride	2.247	62	101188	19.543	ug/l	97
5) Bromomethane	2.643	94	72164	20.940	ug/l	97
6) Chloroethane	2.789	64	64721	19.800	ug/l	98
7) Trichlorofluoromethane	3.119	101	125083	21.436	ug/l	95
8) Diethyl Ether	3.527	74	38332	20.789	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.893	101	77395	21.299	ug/l	96
10) Methyl Iodide	4.082	142	102147	21.130	ug/l	98
11) Tert butyl alcohol	4.948	59	20872	86.898	ug/l #	87
12) 1,1-Dichloroethene	3.862	96	76555	21.702	ug/l	99
13) Acrolein	3.722	56	27970	118.760	ug/l	97
14) Allyl chloride	4.472	41	99642	21.827	ug/l	93
15) Acrylonitrile	5.155	53	75556	100.922	ug/l	99
16) Acetone	3.942	43	52860	88.466	ug/l	94
17) Carbon Disulfide	4.192	76	226304	20.166	ug/l	98
18) Methyl Acetate	4.466	43	28950	18.417	ug/l	98
19) Methyl tert-butyl Ether	5.216	73	156155	20.312	ug/l	100
20) Methylene Chloride	4.710	84	97229	24.018	ug/l	95
21) trans-1,2-Dichloroethene	5.210	96	84033	21.746	ug/l	100
22) Diisopropyl ether	6.112	45	227954	22.778	ug/l	96
23) Vinyl Acetate	6.057	43	612667	103.238	ug/l	97
24) 1,1-Dichloroethane	6.008	63	145687	22.296	ug/l	97
25) 2-Butanone	6.984	43	85157	96.959	ug/l	93
26) 2,2-Dichloropropane	6.978	77	119661	22.826	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	97680	22.133	ug/l	99
28) Bromochloromethane	7.331	49	55530	21.604	ug/l	95
29) Tetrahydrofuran	7.344	42	53842	96.603	ug/l	94
30) Chloroform	7.502	83	148801	22.282	ug/l	99
31) Cyclohexane	7.782	56	120094	20.777	ug/l	98
32) 1,1,1-Trichloroethane	7.697	97	122773	22.073	ug/l	98
36) 1,1-Dichloropropene	7.917	75	106691	21.962	ug/l	99
37) Ethyl Acetate	7.069	43	39894	19.960	ug/l #	97
38) Carbon Tetrachloride	7.898	117	111687	22.756	ug/l	97
39) Methylcyclohexane	9.185	83	130150	20.559	ug/l	96
40) Benzene	8.160	78	344941	22.669	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	20633	16.360	ug/l	97
42) 1,2-Dichloroethane	8.234	62	75976	21.791	ug/l	99
43) Isopropyl Acetate	8.270	43	72878	19.561	ug/l	99
44) Trichloroethene	8.941	130	87185	22.547	ug/l	99
45) 1,2-Dichloropropane	9.215	63	78601	22.440	ug/l	100
46) Dibromomethane	9.307	93	41335	21.334	ug/l	97
47) Bromodichloromethane	9.496	83	108652	22.352	ug/l	100
48) Methyl methacrylate	9.294	41	33255	19.479	ug/l	95
49) 1,4-Dioxane	9.301	88	8683	392.562	ug/l #	99
51) 4-Methyl-2-Pentanone	10.069	43	194480	98.467	ug/l	98
52) Toluene	10.245	92	214712	22.995	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	96555	21.758	ug/l	98
54) cis-1,3-Dichloropropene	9.928	75	119649	21.948	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	55529	21.083	ug/l	96
56) Ethyl methacrylate	10.514	69	66758	19.442	ug/l	97
57) 1,3-Dichloropropane	10.794	76	96070	21.541	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	155976	87.389	ug/l	98
59) 2-Hexanone	10.837	43	132471	98.254	ug/l	96
60) Dibromochloromethane	10.989	129	74460	21.997	ug/l	97
61) 1,2-Dibromoethane	11.093	107	51018	20.784	ug/l	100
64) Tetrachloroethene	10.721	164	75605	22.217	ug/l	99
65) Chlorobenzene	11.520	112	233946	22.470	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	77503	22.575	ug/l	98
67) Ethyl Benzene	11.593	91	388882	22.183	ug/l	99
68) m/p-Xylenes	11.703	106	301589	44.792	ug/l	98
69) o-Xylene	12.032	106	138874	22.086	ug/l	99
70) Styrene	12.044	104	236169	22.223	ug/l	99
71) Bromoform	12.209	173	40001	20.166	ug/l #	97
73) Isopropylbenzene	12.330	105	362991	21.990	ug/l	99
74) N-amyl acetate	12.148	43	65300	19.596	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	61189	19.875	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	74860	35.214	ug/l #	100
77) Bromobenzene	12.611	156	87863	21.995	ug/l	98
78) n-propylbenzene	12.672	91	453788	22.657	ug/l	100
79) 2-Chlorotoluene	12.757	91	252616	22.534	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	296725	22.669	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.385	75	21096	20.461	ug/l	98
82) 4-Chlorotoluene	12.855	91	258734	22.285	ug/l	99
83) tert-Butylbenzene	13.080	119	269061	22.506	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	295032	22.634	ug/l	100
85) sec-Butylbenzene	13.257	105	399734	22.261	ug/l	99
86) p-Isopropyltoluene	13.373	119	331829	22.489	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	174770	22.050	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	171279	22.013	ug/l	99
89) n-Butylbenzene	13.702	91	311336	22.428	ug/l	100
90) Hexachloroethane	13.964	117	68932	22.783	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	149467	21.858	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7670	19.368	ug/l	94
93) 1,2,4-Trichlorobenzene	15.013	180	83176	20.888	ug/l	98
94) Hexachlorobutadiene	15.117	225	51788	21.923	ug/l	97
95) Naphthalene	15.238	128	121067	18.450	ug/l	99
96) 1,2,3-Trichlorobenzene	15.427	180	68666	20.550	ug/l	98

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ClientSampleId :

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Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:24:42 2024
Response via : Initial Calibration

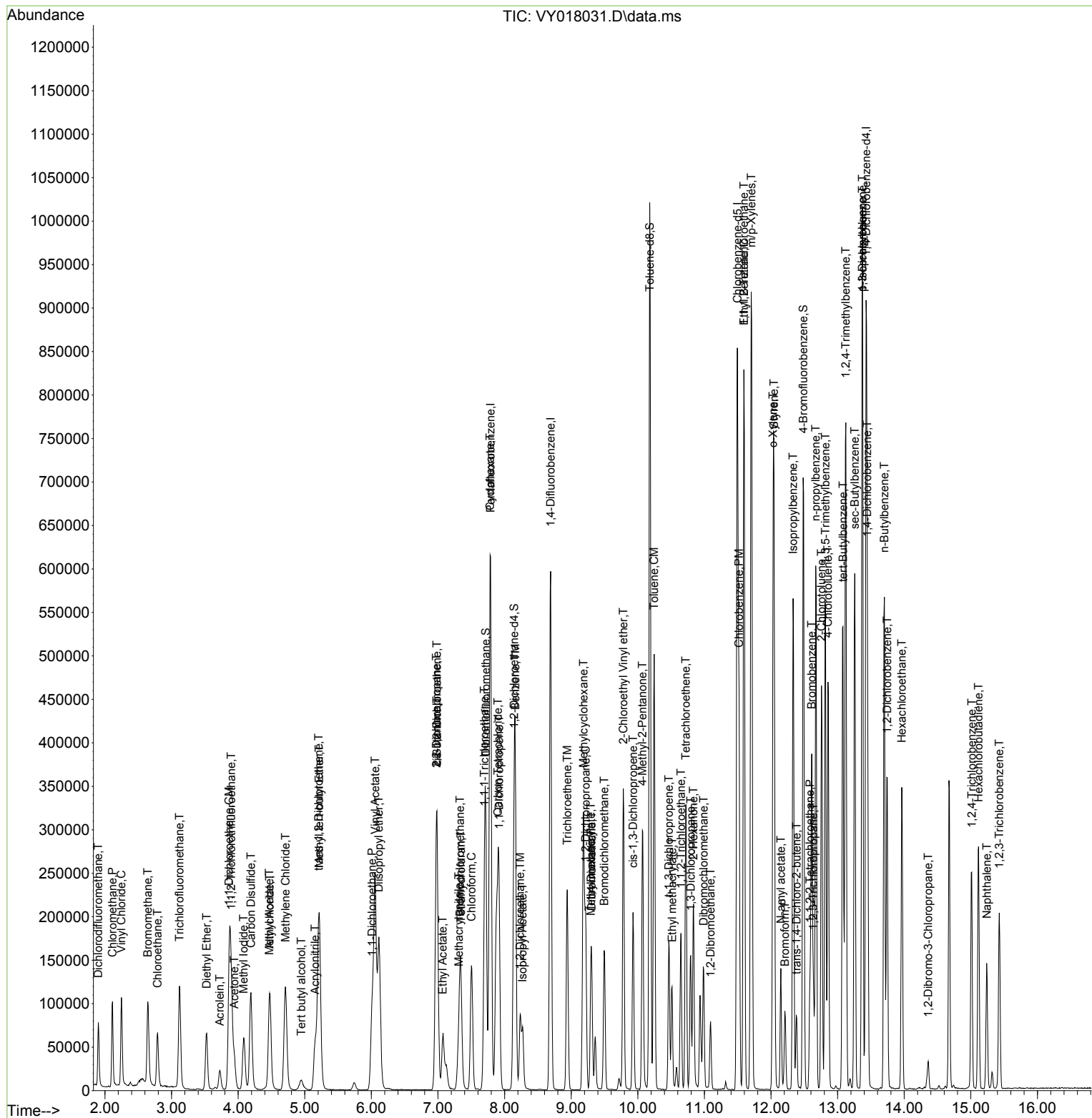
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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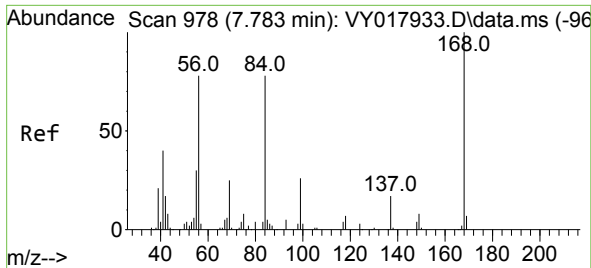
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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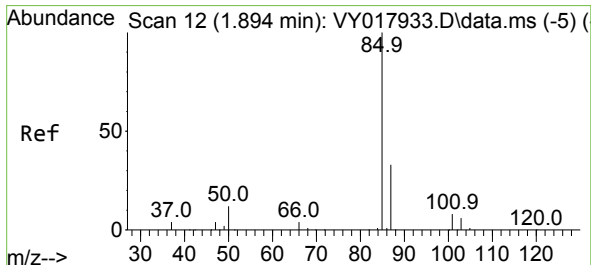
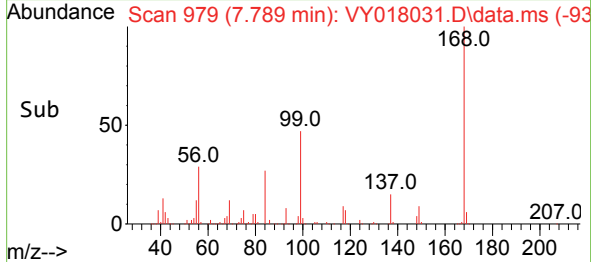
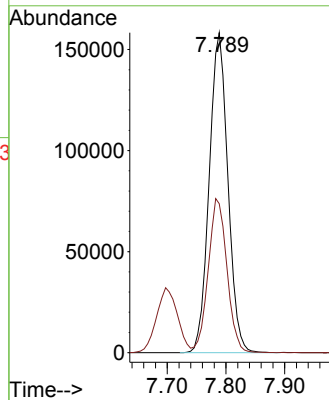
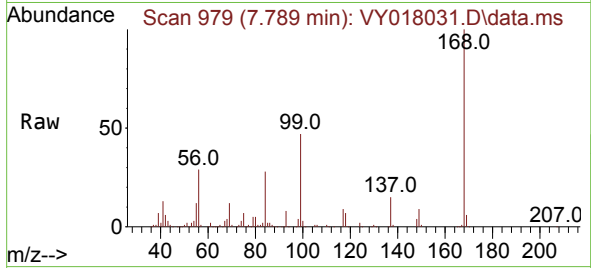




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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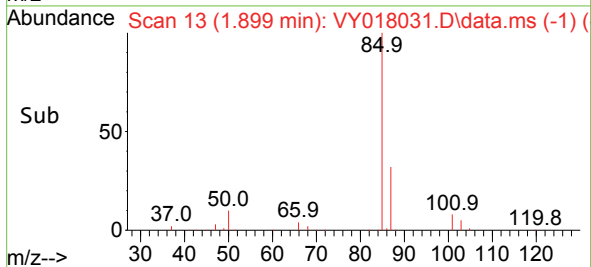
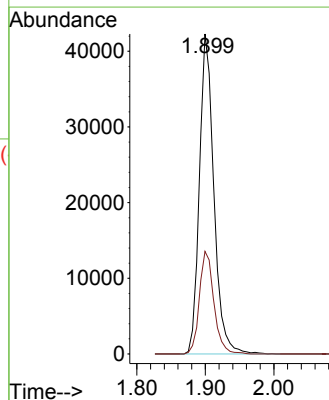
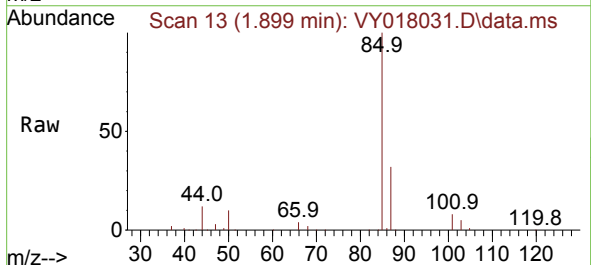
Instrument :
MSVOA_Y
ClientSampleId :

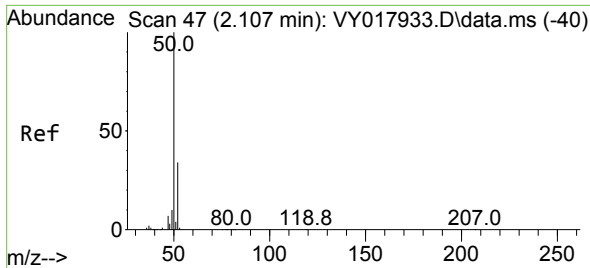
Tgt Ion:168 Resp: 349452
Ion Ratio Lower Upper
168 100
99 46.5 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 22.428 ug/l
RT: 1.899 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY018031.D
Acq: 24 Apr 2024 11:25

Tgt Ion: 85 Resp: 62177
Ion Ratio Lower Upper
85 100
87 32.0 16.0 48.0

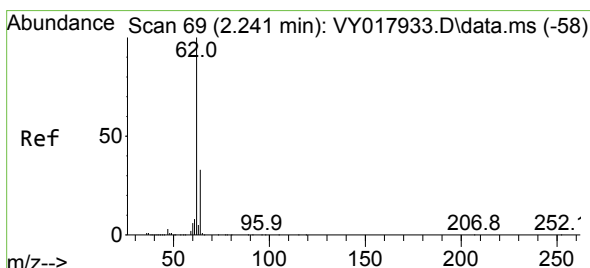
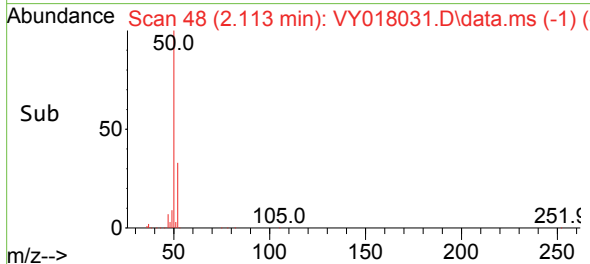
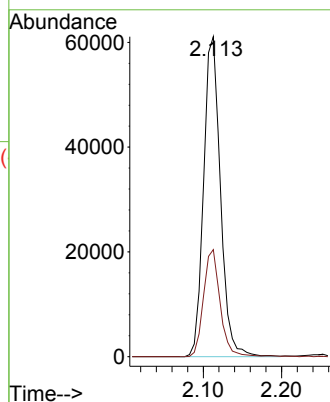
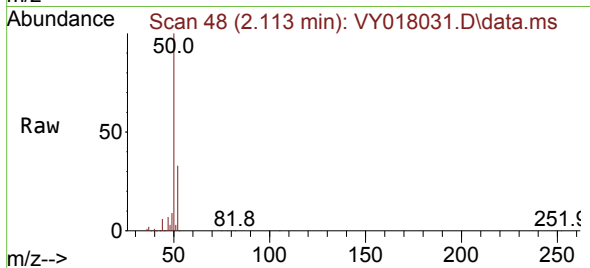




#3
Chloromethane
Concen: 19.831 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY018031.D
Acq: 24 Apr 2024 11:25

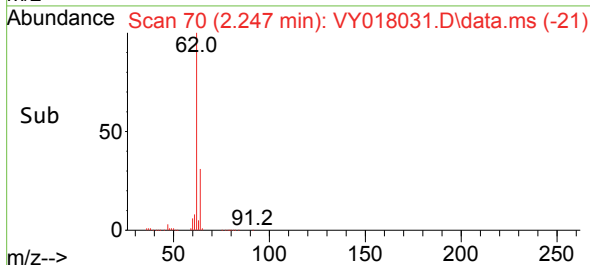
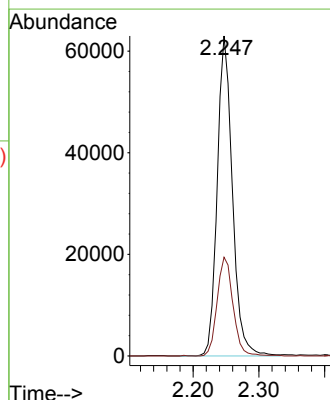
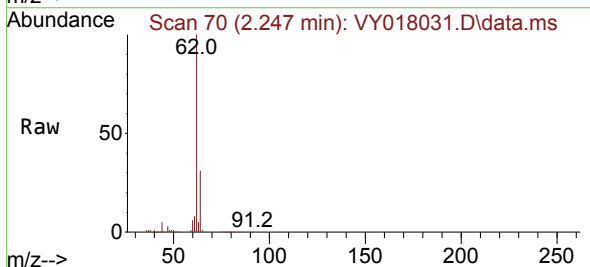
Instrument :
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ClientSampleId :

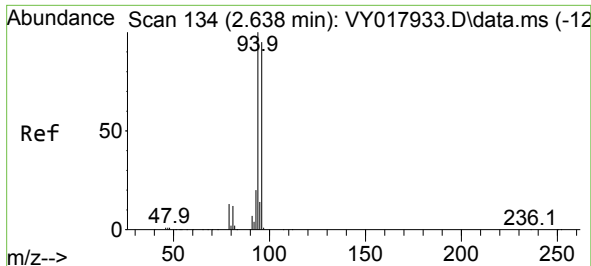
Tgt Ion: 50 Resp: 91097
Ion Ratio Lower Upper
50 100
52 33.5 25.6 38.4



#4
Vinyl Chloride
Concen: 19.543 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.000 min
Lab File: VY018031.D
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Tgt Ion: 62 Resp: 101188
Ion Ratio Lower Upper
62 100
64 30.8 26.1 39.1

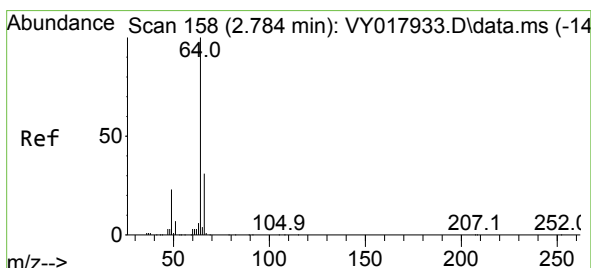
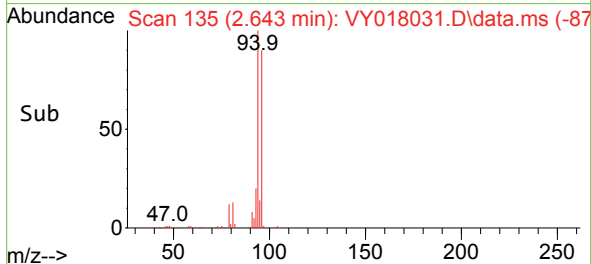
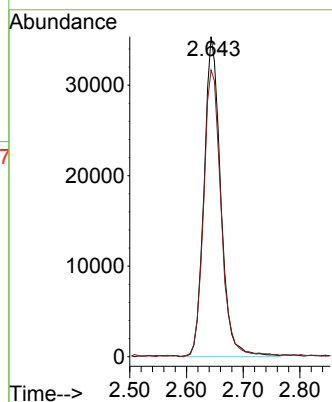
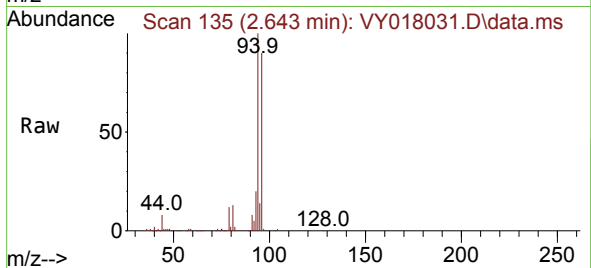




#5
Bromomethane
Concen: 20.940 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018031.D
Acq: 24 Apr 2024 11:25

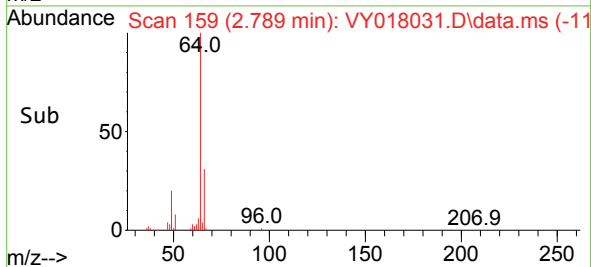
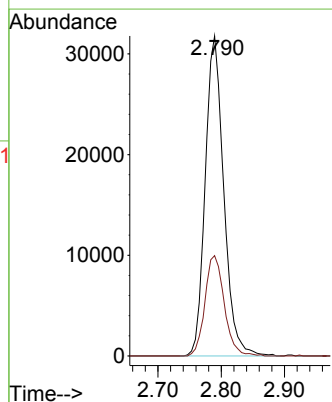
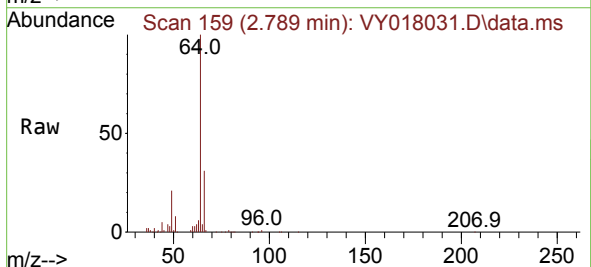
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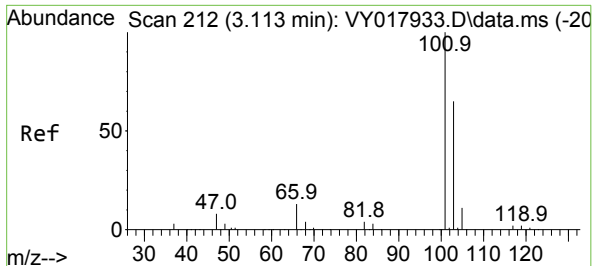
Tgt Ion: 94 Resp: 72164
Ion Ratio Lower Upper
94 100
96 89.4 74.1 111.1



#6
Chloroethane
Concen: 19.800 ug/l
RT: 2.789 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY018031.D
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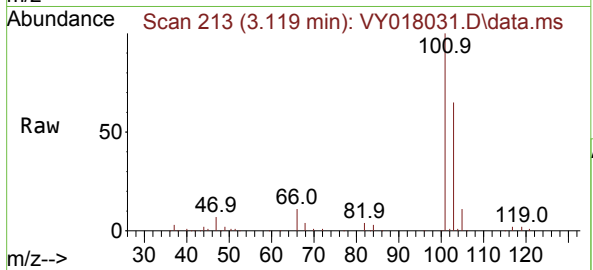
Tgt Ion: 64 Resp: 64721
Ion Ratio Lower Upper
64 100
66 31.3 26.1 39.1



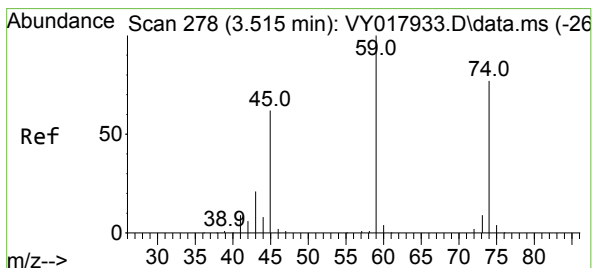
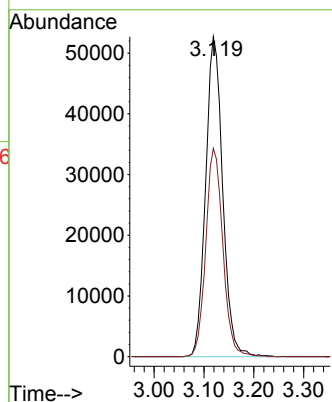
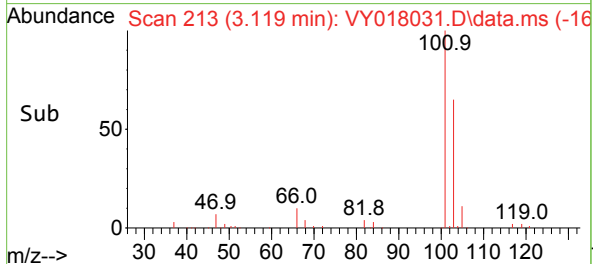


#7
 Trichlorofluoromethane
 Concen: 21.436 ug/l
 RT: 3.119 min Scan# 212
 Delta R.T. -0.006 min
 Lab File: VY018031.D
 Acq: 24 Apr 2024 11:25

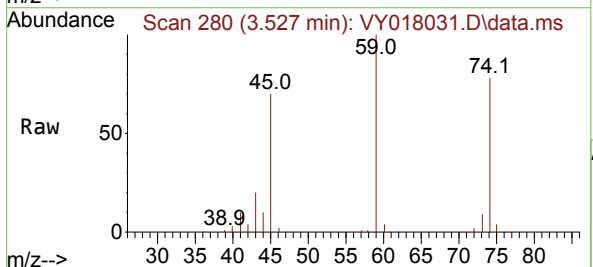
Instrument :
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 ClientSampleId :



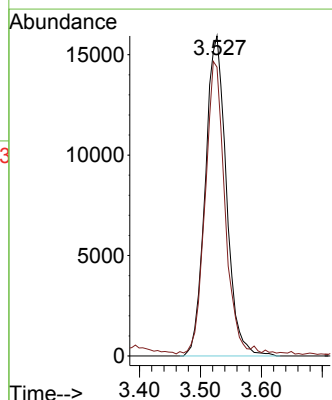
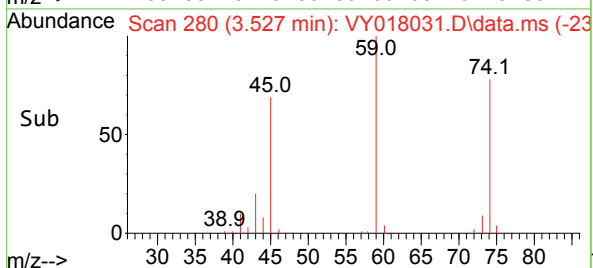
Tgt Ion:101 Resp: 125083
 Ion Ratio Lower Upper
 101 100
 103 65.1 49.3 73.9

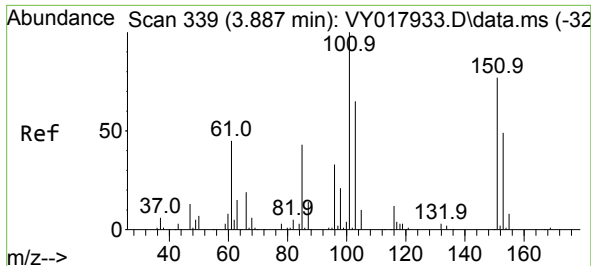


#8
 Diethyl Ether
 Concen: 20.789 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.000 min
 Lab File: VY018031.D
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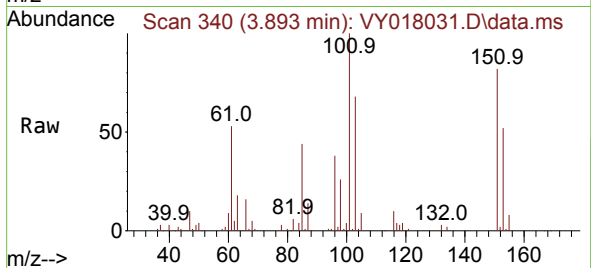
Tgt Ion: 74 Resp: 38332
 Ion Ratio Lower Upper
 74 100
 45 85.6 41.3 124.1



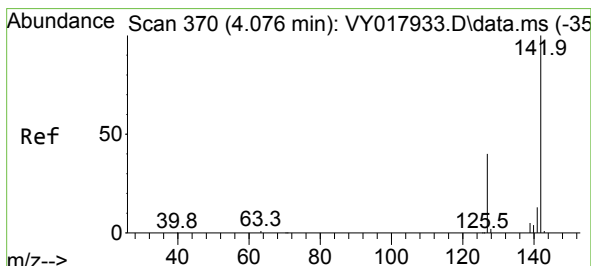
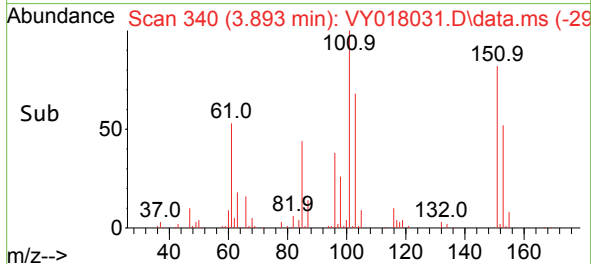
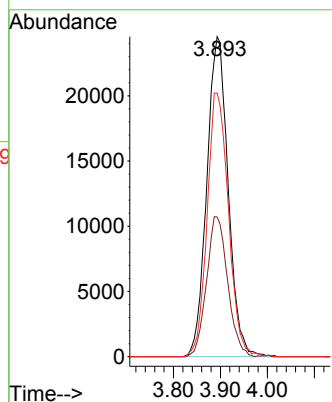


#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.299 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY018031.D
Acq: 24 Apr 2024 11:25

Instrument :
MSVOA_Y
ClientSampleId :

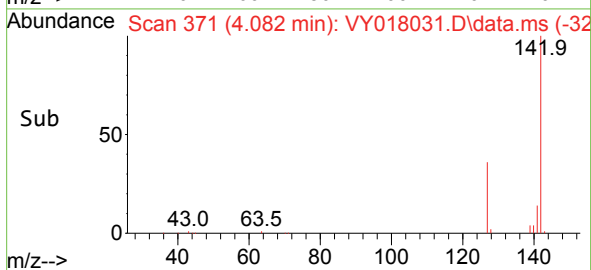
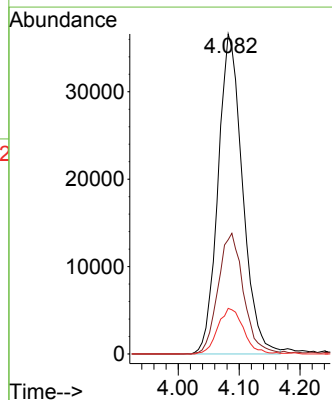
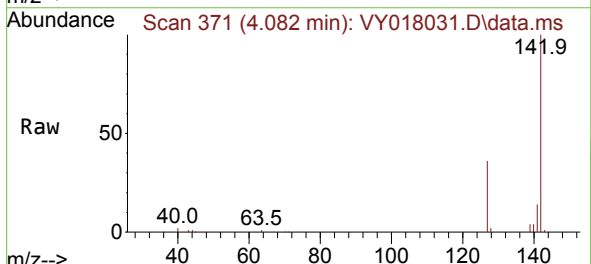


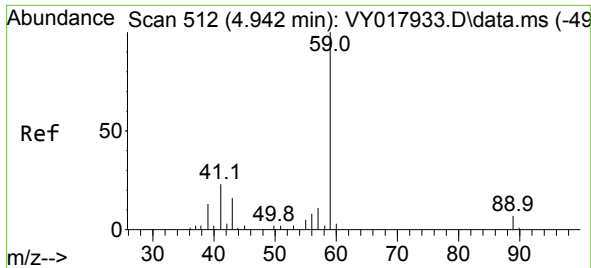
Tgt Ion:101 Resp: 77395
Ion Ratio Lower Upper
101 100
85 43.3 34.5 51.7
151 82.3 61.7 92.5



#10
Methyl Iodide
Concen: 21.130 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY018031.D
Acq: 24 Apr 2024 11:25

Tgt Ion:142 Resp: 102147
Ion Ratio Lower Upper
142 100
127 39.4 32.8 49.2
141 15.1 11.4 17.2

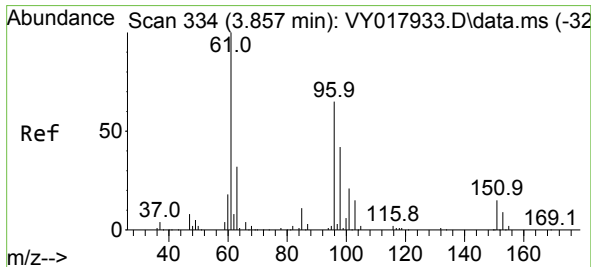
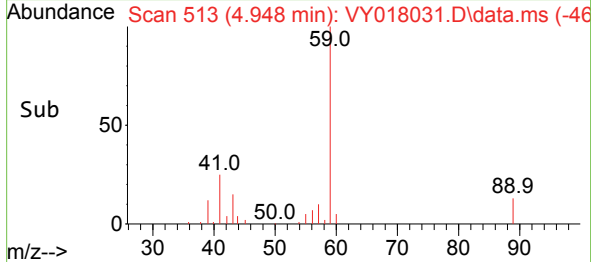
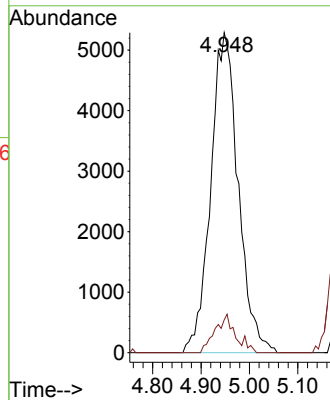
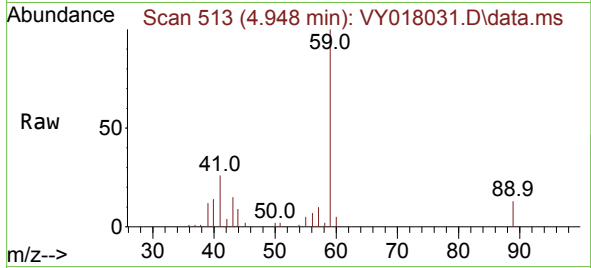




#11
Tert butyl alcohol
Concen: 86.898 ug/l
RT: 4.948 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY018031.D
Acq: 24 Apr 2024 11:25

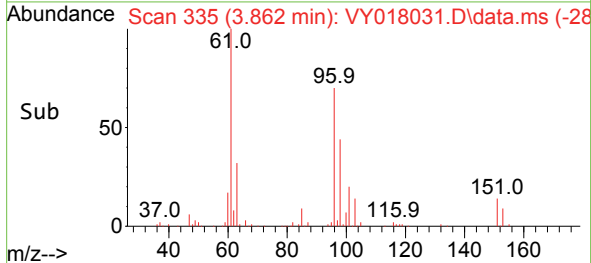
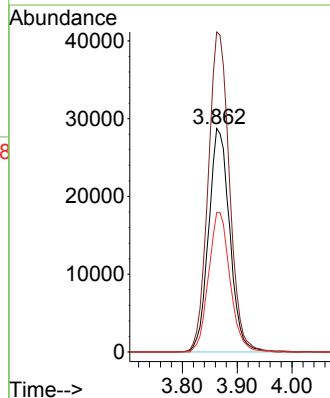
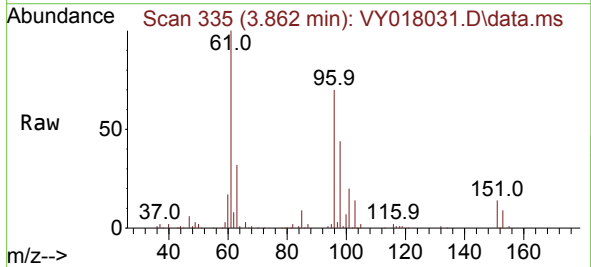
Instrument :
MSVOA_Y
ClientSampleId :

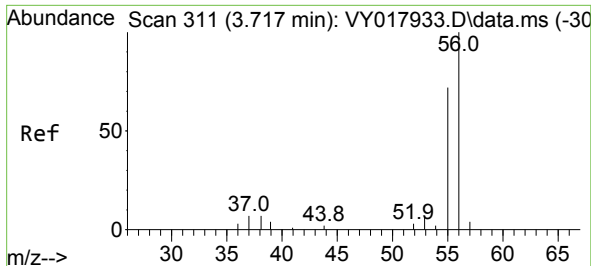
Tgt Ion: 59 Resp: 20872
Ion Ratio Lower Upper
59 100
57 8.0 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 21.702 ug/l
RT: 3.862 min Scan# 335
Delta R.T. -0.012 min
Lab File: VY018031.D
Acq: 24 Apr 2024 11:25

Tgt Ion: 96 Resp: 76555
Ion Ratio Lower Upper
96 100
61 143.0 114.6 171.8
98 62.4 50.8 76.2





#13

Acrolein

Concen: 118.760 ug/l

RT: 3.722 min Scan# 311

Delta R.T. -0.006 min

Lab File: VY018031.D

Acq: 24 Apr 2024 11:25

Instrument :

MSVOA_Y

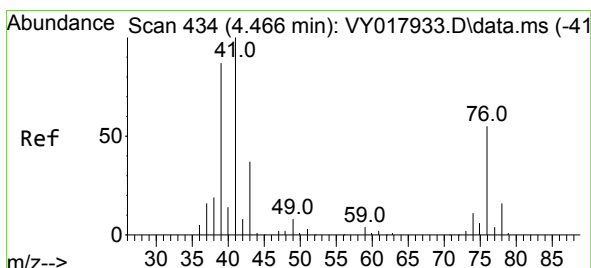
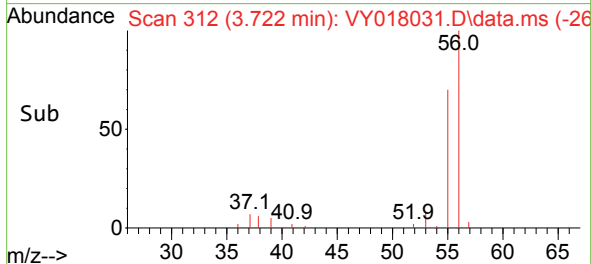
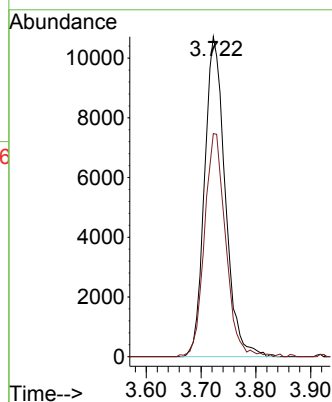
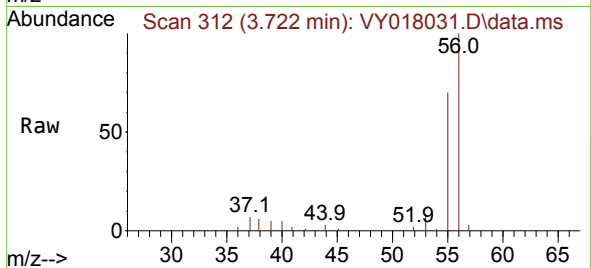
ClientSampleId :

Tgt Ion: 56 Resp: 27970

Ion Ratio Lower Upper

56 100

55 71.7 55.7 83.5



#14

Allyl chloride

Concen: 21.827 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY018031.D

Acq: 24 Apr 2024 11:25

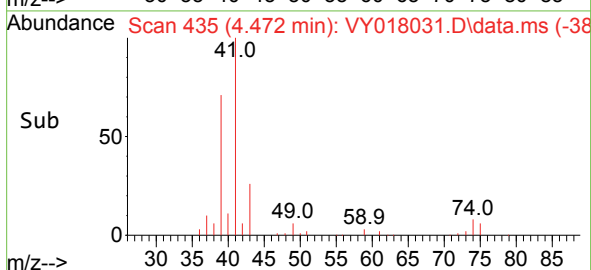
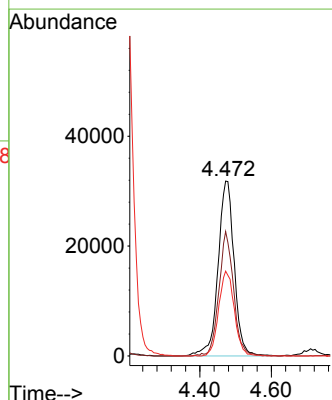
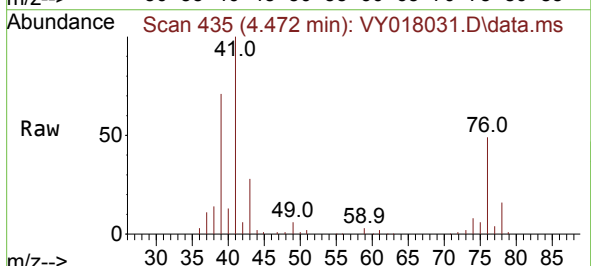
Tgt Ion: 41 Resp: 99642

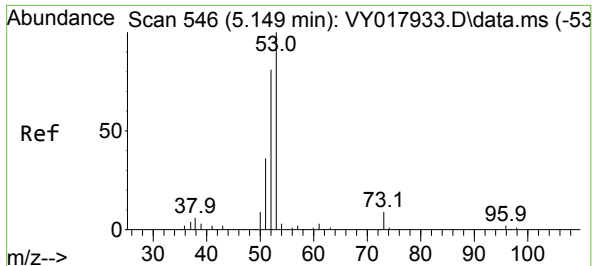
Ion Ratio Lower Upper

41 100

39 64.8 58.3 87.5

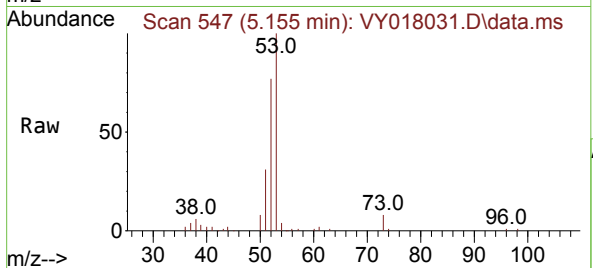
76 46.9 39.0 58.6



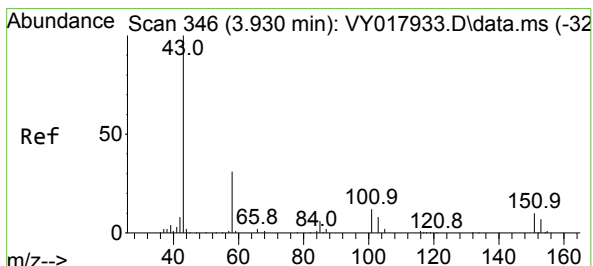
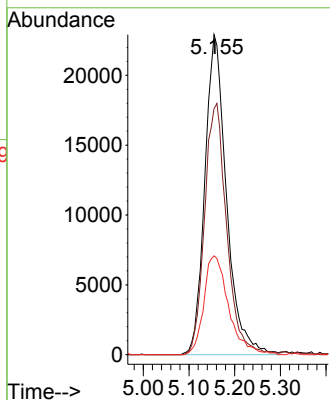
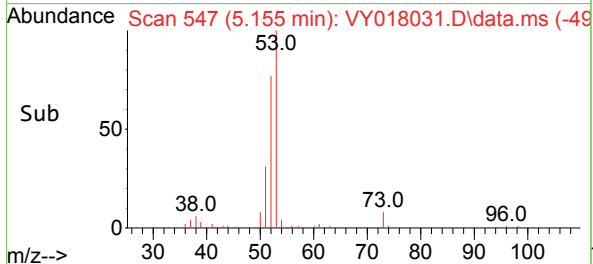


#15
Acrylonitrile
Concen: 100.922 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY018031.D
Acq: 24 Apr 2024 11:25

Instrument :
MSVOA_Y
ClientSampleId :

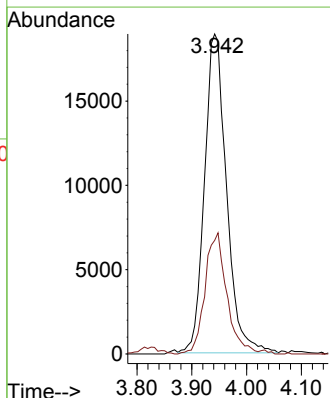
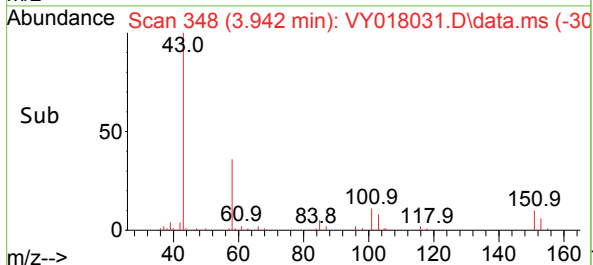
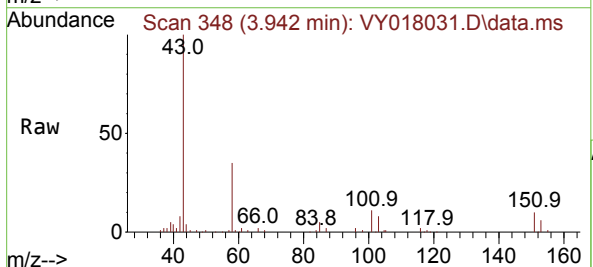


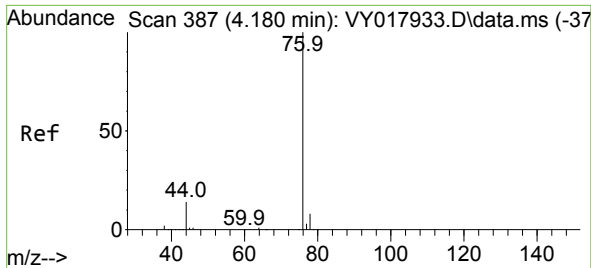
Tgt Ion: 53 Resp: 75556
Ion Ratio Lower Upper
53 100
52 80.1 64.7 97.1
51 35.3 28.4 42.6



#16
Acetone
Concen: 88.466 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY018031.D
Acq: 24 Apr 2024 11:25

Tgt Ion: 43 Resp: 52860
Ion Ratio Lower Upper
43 100
58 35.6 31.7 47.5





#17

Carbon Disulfide

Concen: 20.166 ug/l

RT: 4.192 min Scan# 3

Delta R.T. -0.000 min

Lab File: VY018031.D

Acq: 24 Apr 2024 11:25

Instrument :

MSVOA_Y

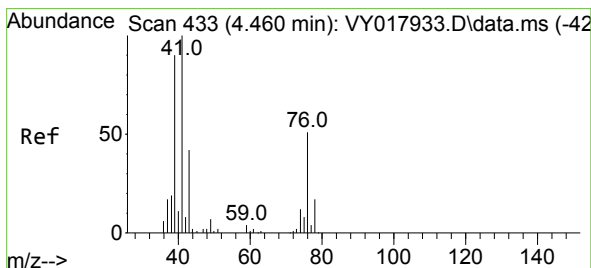
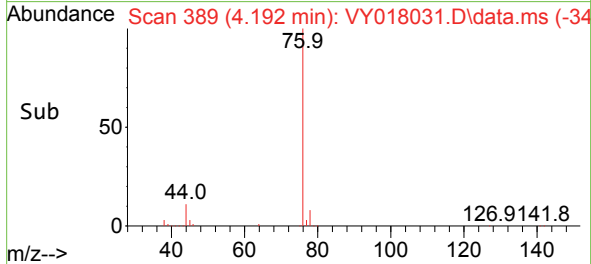
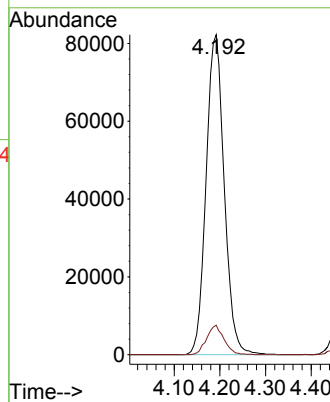
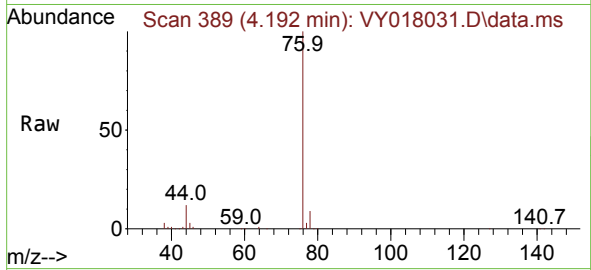
ClientSampleId :

Tgt Ion: 76 Resp: 226304

Ion Ratio Lower Upper

76 100

78 9.2 6.8 10.2



#18

Methyl Acetate

Concen: 18.417 ug/l

RT: 4.466 min Scan# 434

Delta R.T. -0.012 min

Lab File: VY018031.D

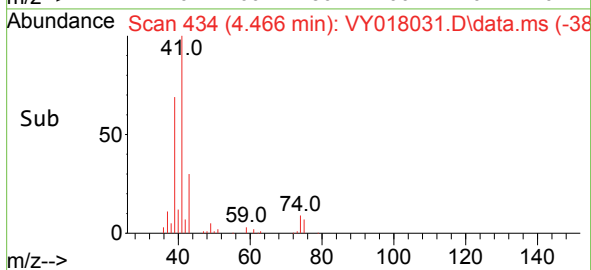
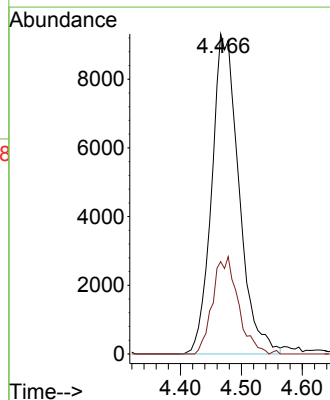
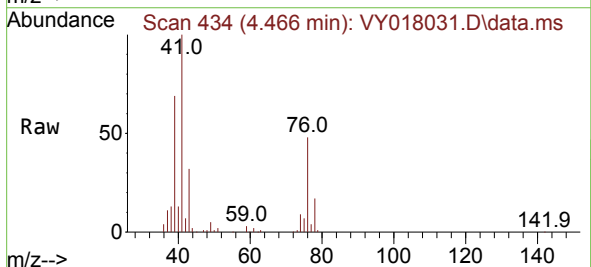
Acq: 24 Apr 2024 11:25

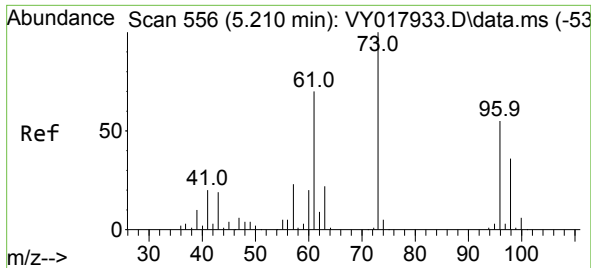
Tgt Ion: 43 Resp: 28950

Ion Ratio Lower Upper

43 100

74 28.3 23.3 34.9

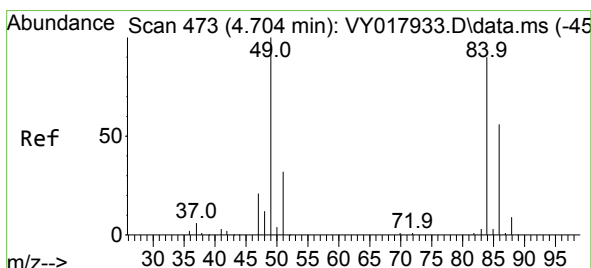
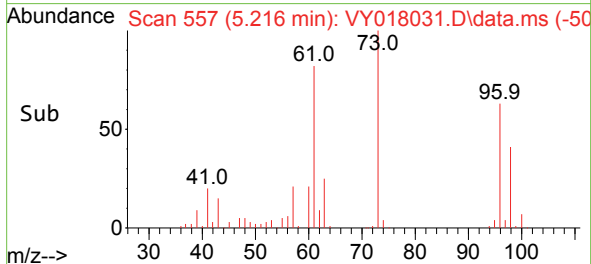
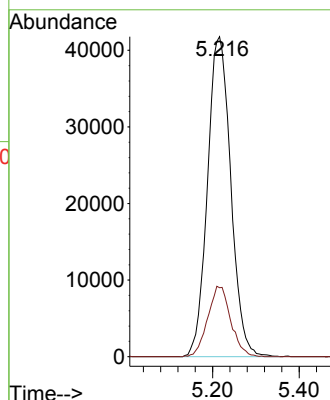
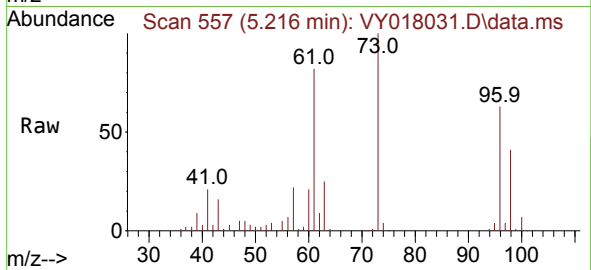




#19
Methyl tert-butyl Ether
Concen: 20.312 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY018031.D
Acq: 24 Apr 2024 11:25

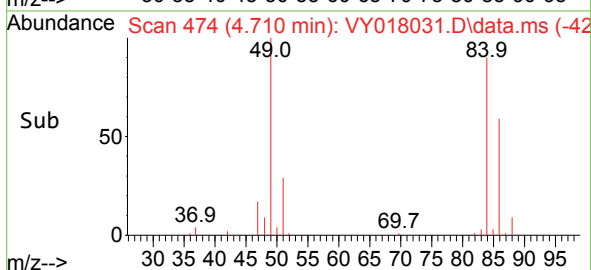
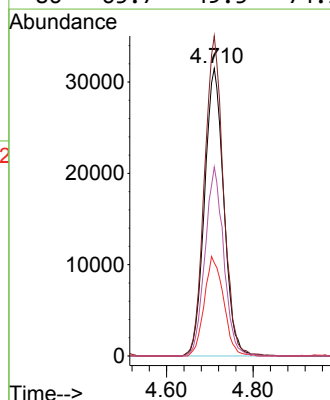
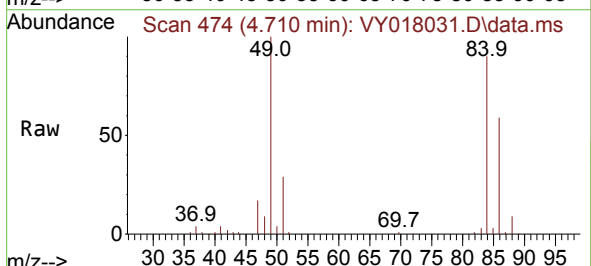
Instrument :
MSVOA_Y
ClientSampleId :

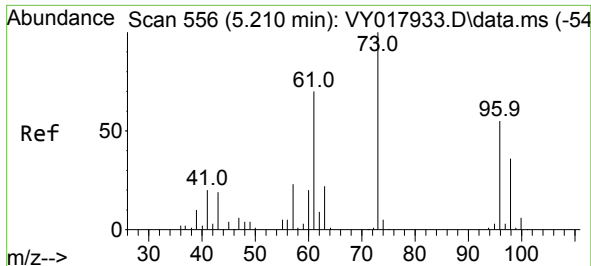
Tgt Ion: 73 Resp: 156155
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9



#20
Methylene Chloride
Concen: 24.018 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY018031.D
Acq: 24 Apr 2024 11:25

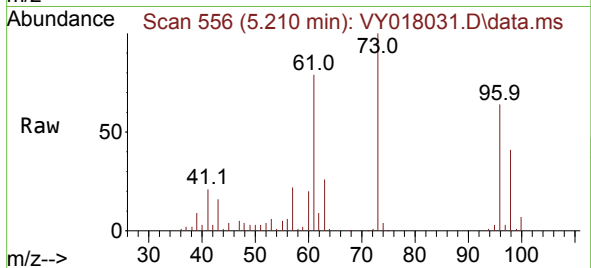
Tgt Ion: 84 Resp: 97229
Ion Ratio Lower Upper
84 100
49 111.3 84.4 126.6
51 32.4 26.0 39.0
86 65.7 49.5 74.3



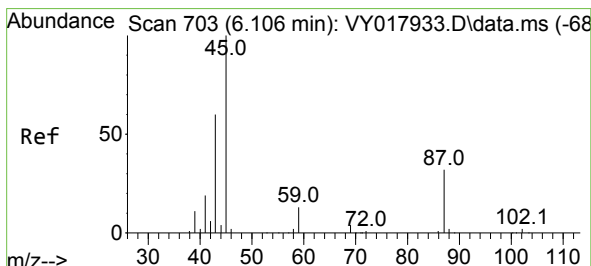
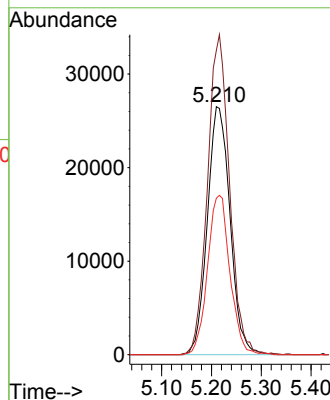
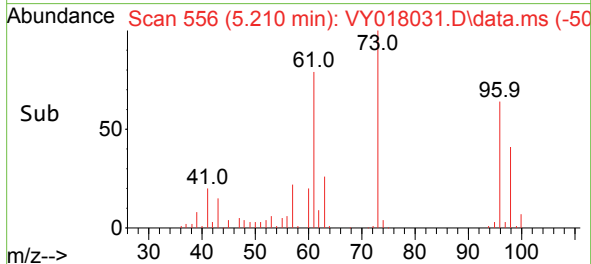


#21
trans-1,2-Dichloroethene
Concen: 21.746 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY018031.D
Acq: 24 Apr 2024 11:25

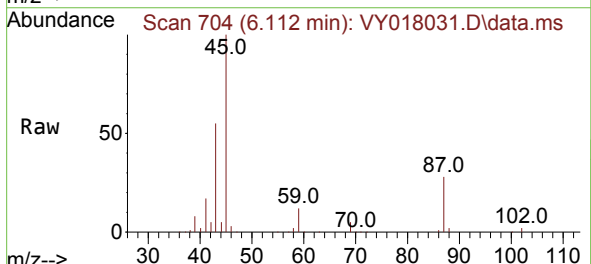
Instrument :
MSVOA_Y
ClientSampleId :



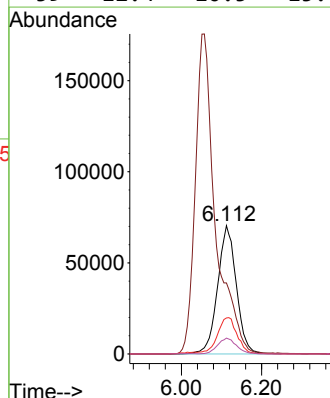
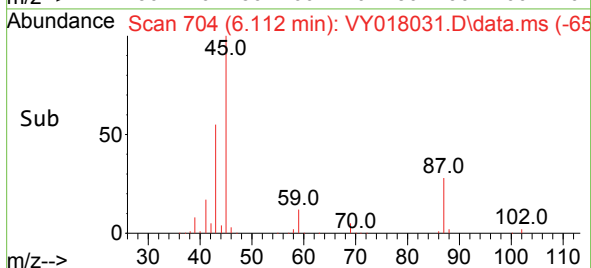
Tgt Ion: 96 Resp: 84033
Ion Ratio Lower Upper
96 100
61 122.7 97.5 146.3
98 63.1 50.5 75.7

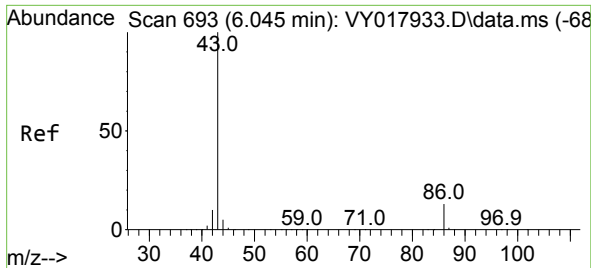


#22
Diisopropyl ether
Concen: 22.778 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY018031.D
Acq: 24 Apr 2024 11:25



Tgt Ion: 45 Resp: 227954
Ion Ratio Lower Upper
45 100
43 54.7 42.2 63.2
87 28.1 25.0 37.6
59 12.4 10.5 15.7

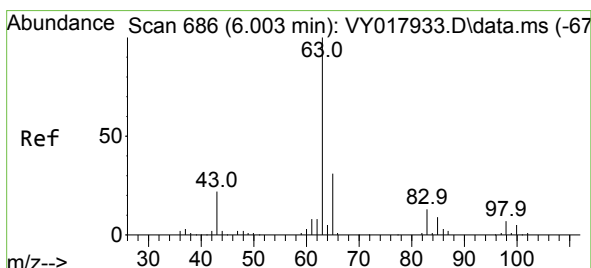
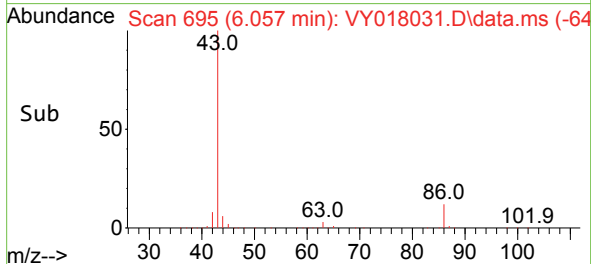
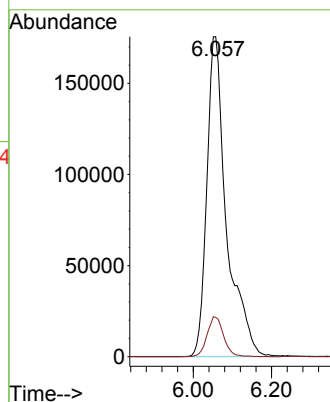
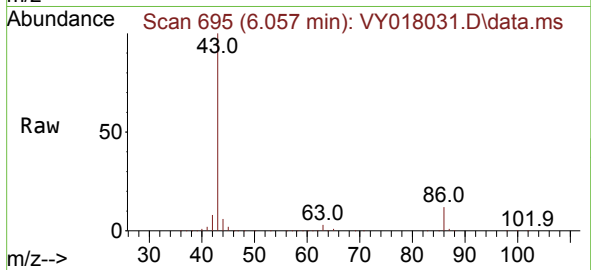




#23
 Vinyl Acetate
 Concen: 103.238 ug/l
 RT: 6.057 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY018031.D
 Acq: 24 Apr 2024 11:25

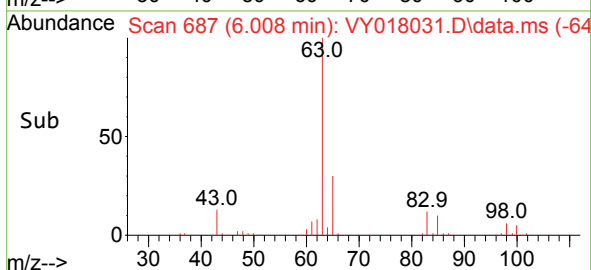
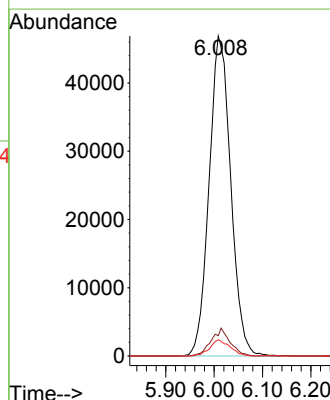
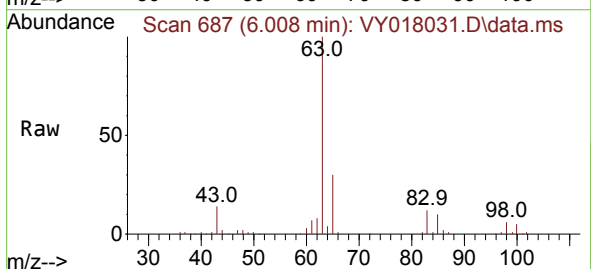
Instrument :
 MSVOA_Y
 ClientSampleId :

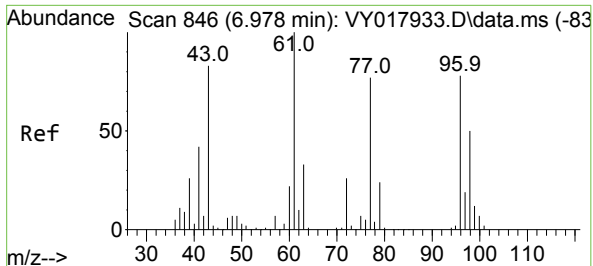
Tgt Ion: 43 Resp: 612667
 Ion Ratio Lower Upper
 43 100
 86 12.3 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 22.296 ug/l
 RT: 6.008 min Scan# 687
 Delta R.T. -0.012 min
 Lab File: VY018031.D
 Acq: 24 Apr 2024 11:25

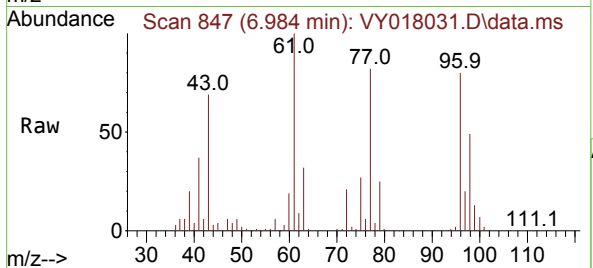
Tgt Ion: 63 Resp: 145687
 Ion Ratio Lower Upper
 63 100
 98 6.4 4.0 12.2
 100 5.0 2.6 8.0



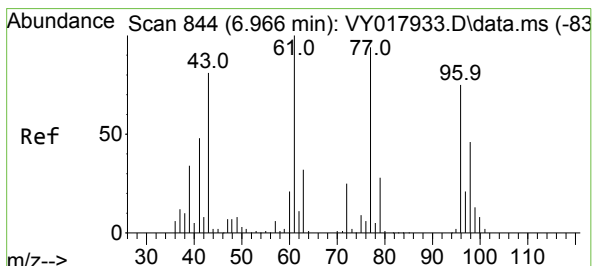
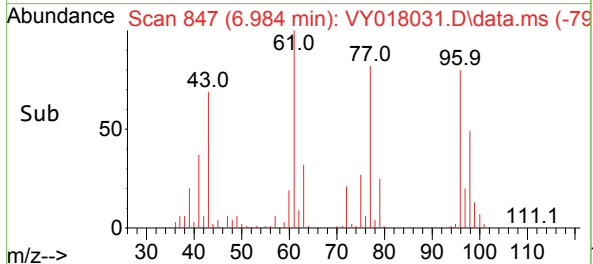
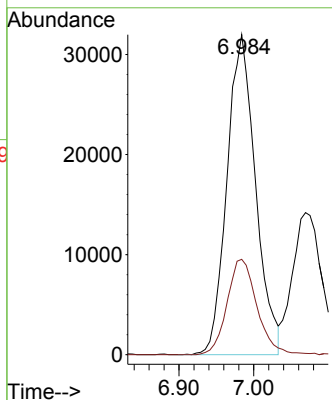


#25
2-Butanone
Concen: 96.959 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY018031.D
Acq: 24 Apr 2024 11:25

Instrument :
MSVOA_Y
ClientSampleId :

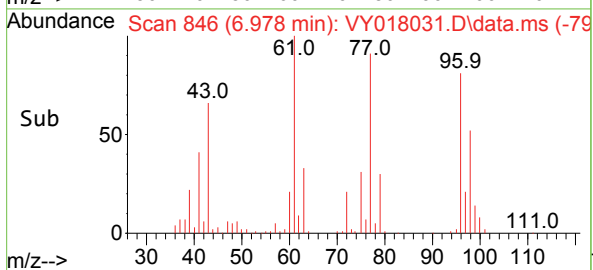
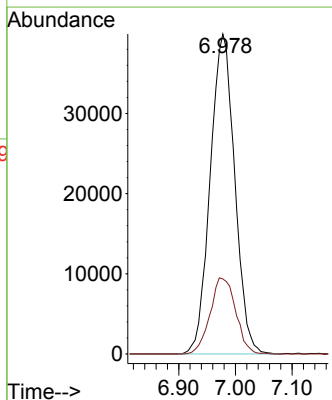
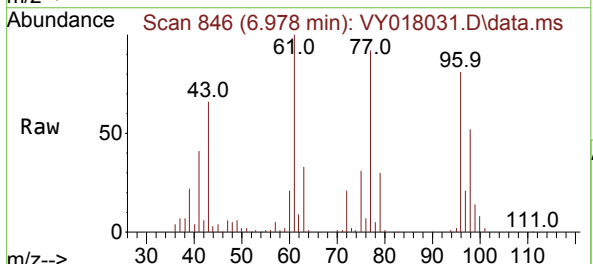


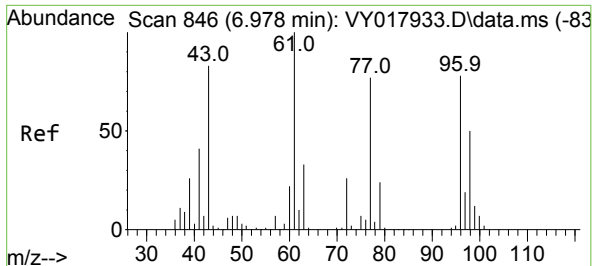
Tgt Ion: 43 Resp: 85157
Ion Ratio Lower Upper
43 100
72 29.8 27.3 40.9



#26
2,2-Dichloropropane
Concen: 22.826 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY018031.D
Acq: 24 Apr 2024 11:25

Tgt Ion: 77 Resp: 119661
Ion Ratio Lower Upper
77 100
97 24.8 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 22.133 ug/l

RT: 6.984 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY018031.D

Acq: 24 Apr 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

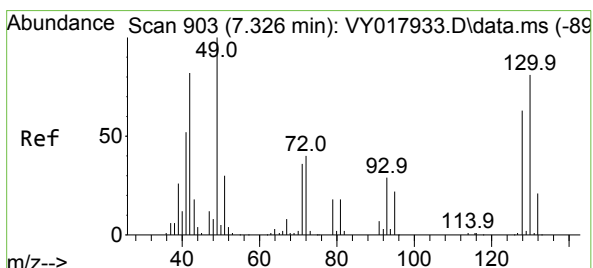
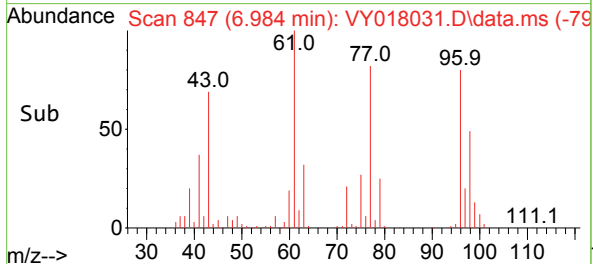
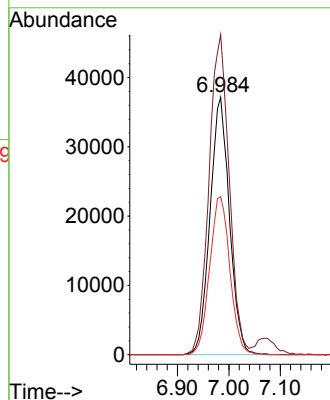
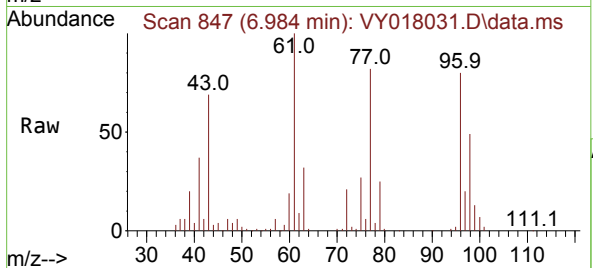
Tgt Ion: 96 Resp: 97680

Ion Ratio Lower Upper

96 100

61 129.1 0.0 256.2

98 63.9 0.0 130.0



#28

Bromochloromethane

Concen: 21.604 ug/l

RT: 7.331 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY018031.D

Acq: 24 Apr 2024 11:25

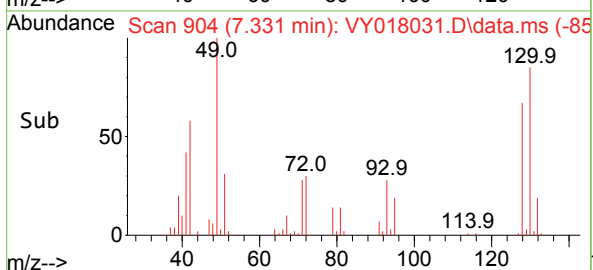
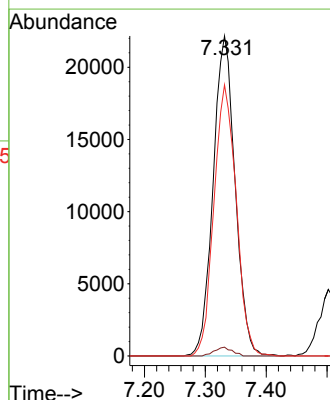
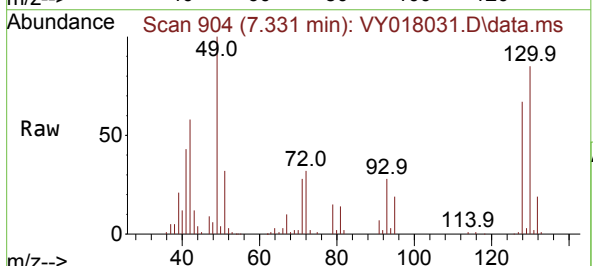
Tgt Ion: 49 Resp: 55530

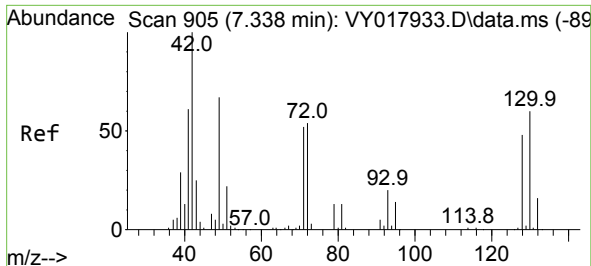
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 86.0 72.7 109.1





#29

Tetrahydrofuran

Concen: 96.603 ug/l

RT: 7.344 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY018031.D

Acq: 24 Apr 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

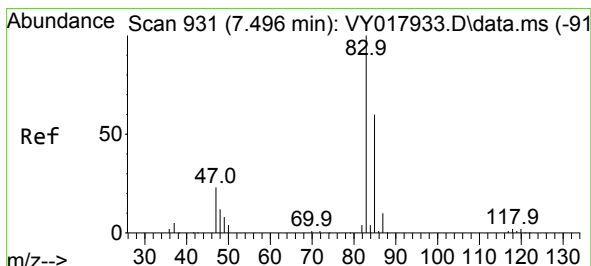
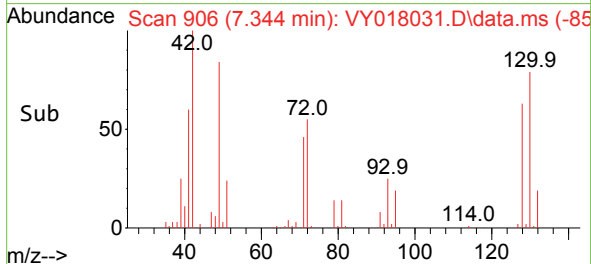
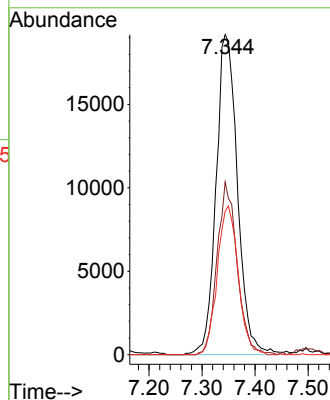
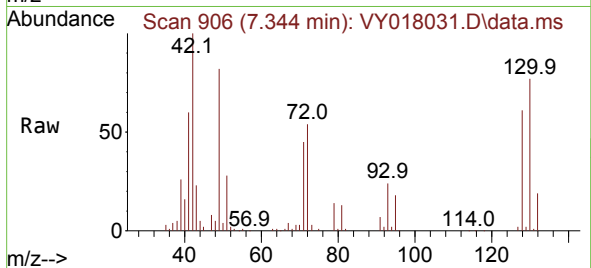
Tgt Ion: 42 Resp: 53842

Ion Ratio Lower Upper

42 100

72 50.3 43.0 64.4

71 45.4 40.8 61.2



#30

Chloroform

Concen: 22.282 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY018031.D

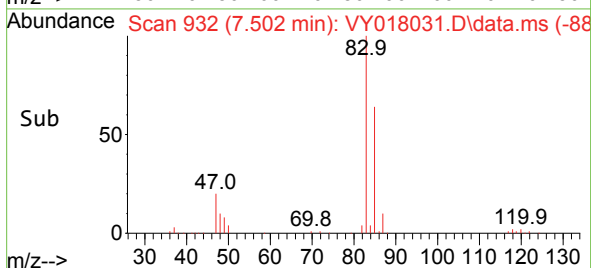
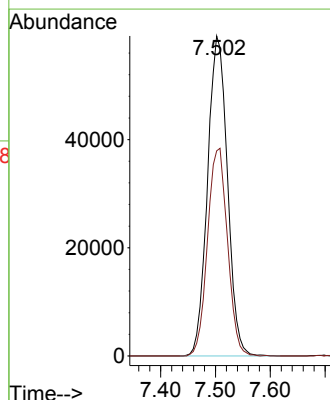
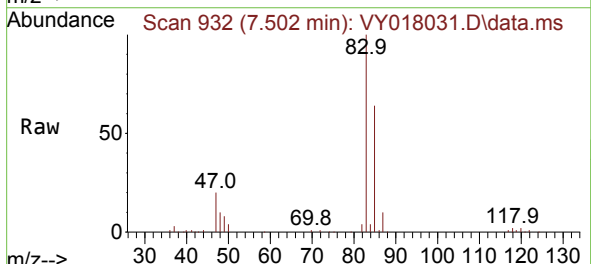
Acq: 24 Apr 2024 11:25

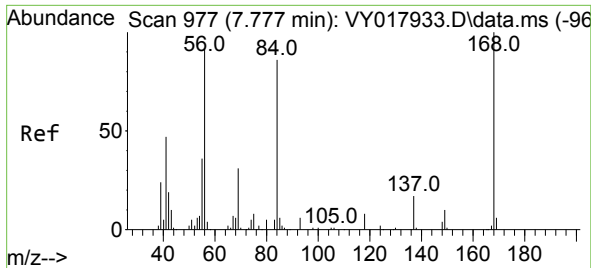
Tgt Ion: 83 Resp: 148801

Ion Ratio Lower Upper

83 100

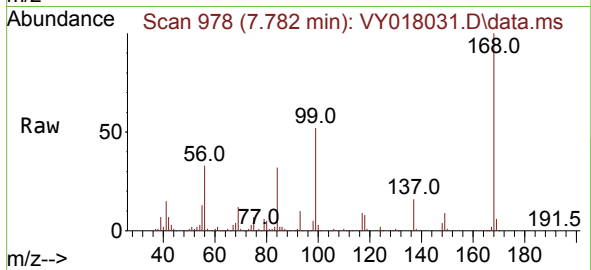
85 64.1 52.2 78.4



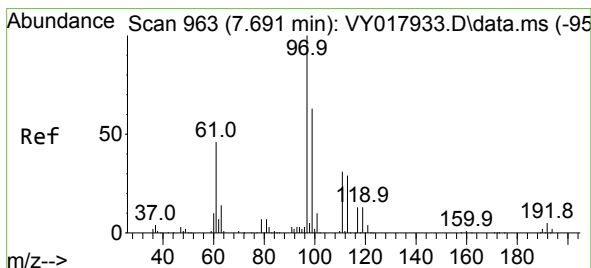
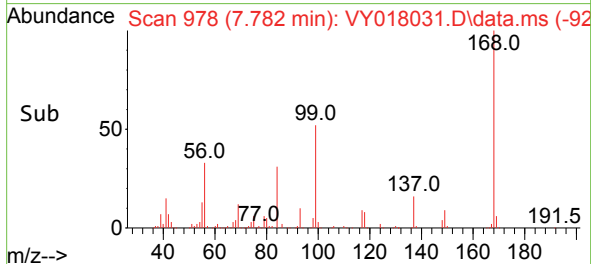
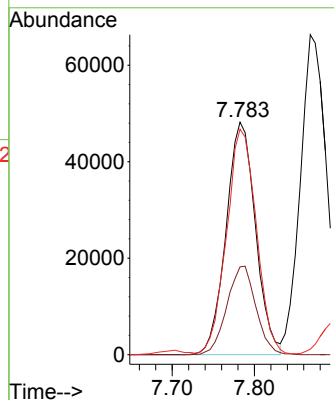


#31
Cyclohexane
Concen: 20.777 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018031.D
Acq: 24 Apr 2024 11:25

Instrument :
MSVOA_Y
ClientSampleId :

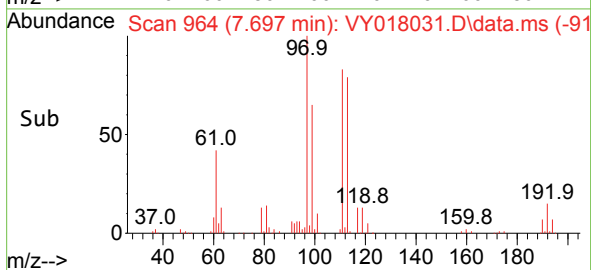
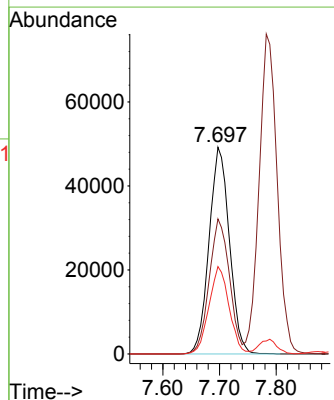
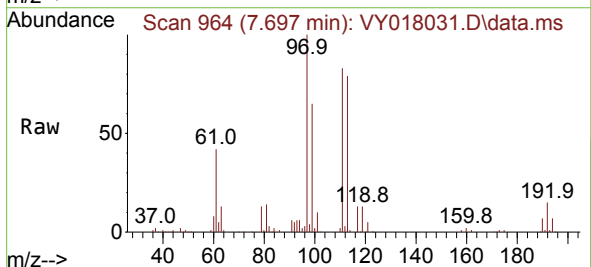


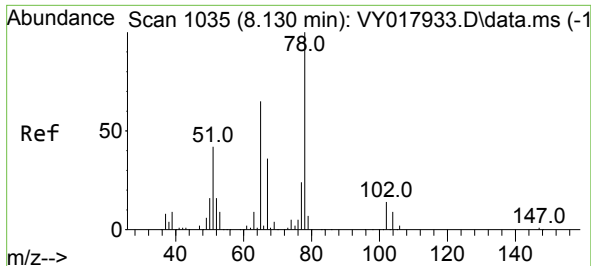
Tgt Ion: 56 Resp: 120094
Ion Ratio Lower Upper
56 100
69 37.8 28.7 43.1
84 95.6 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 22.073 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY018031.D
Acq: 24 Apr 2024 11:25

Tgt Ion: 97 Resp: 122773
Ion Ratio Lower Upper
97 100
99 64.9 50.3 75.5
61 41.8 32.6 48.8

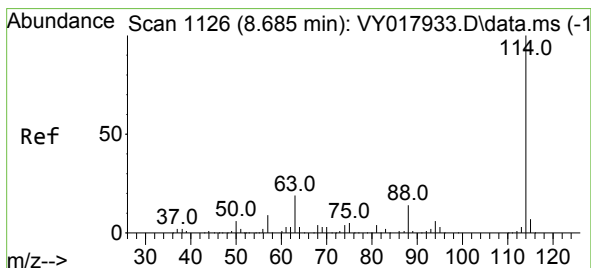
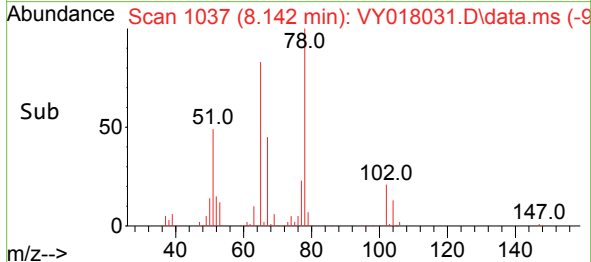
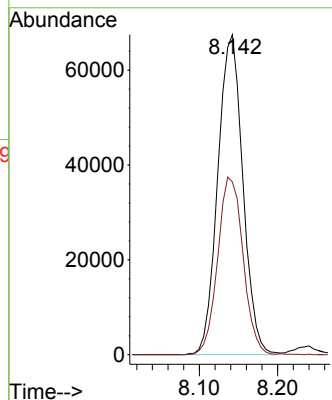
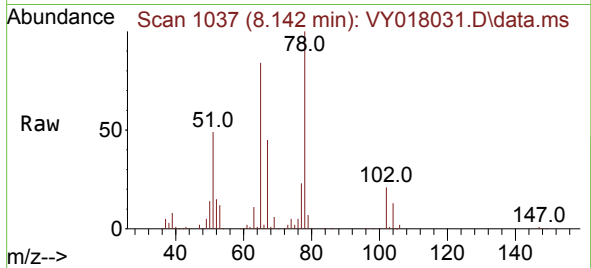




#33
 1,2-Dichloroethane-d4
 Concen: 49.630 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY018031.D
 Acq: 24 Apr 2024 11:25

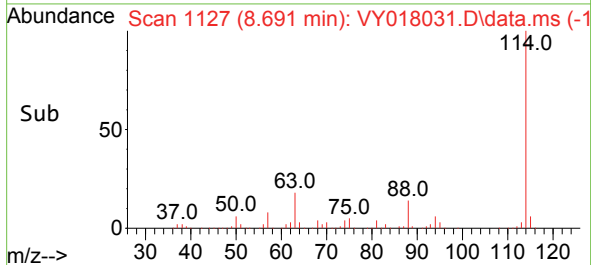
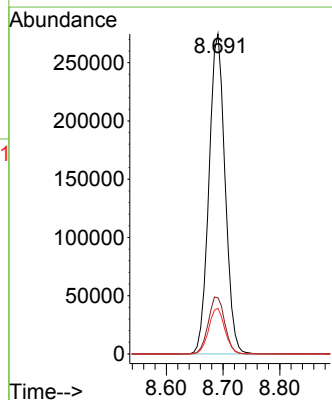
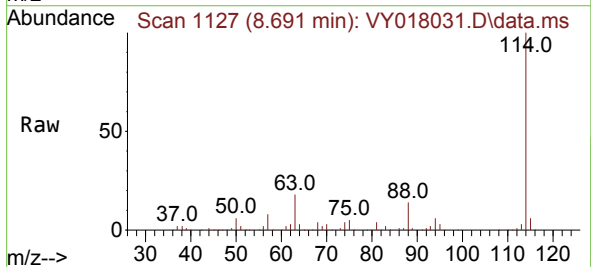
Instrument :
 MSVOA_Y
 ClientSampleId :

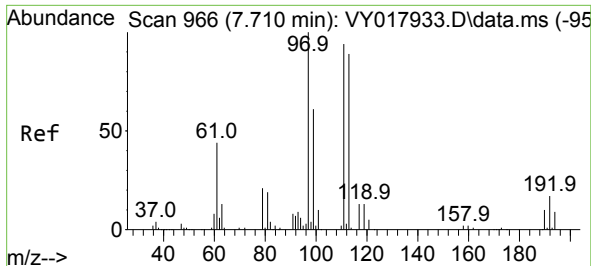
Tgt Ion: 65 Resp: 150084
 Ion Ratio Lower Upper
 65 100
 67 56.3 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY018031.D
 Acq: 24 Apr 2024 11:25

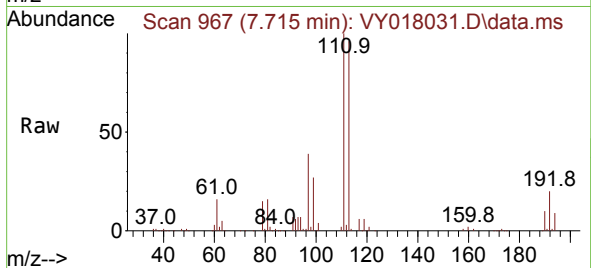
Tgt Ion:114 Resp: 541452
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 35.0
 88 14.3 0.0 27.2



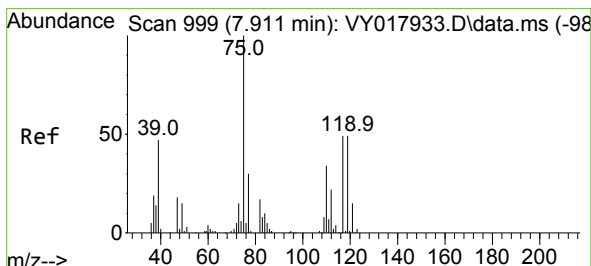
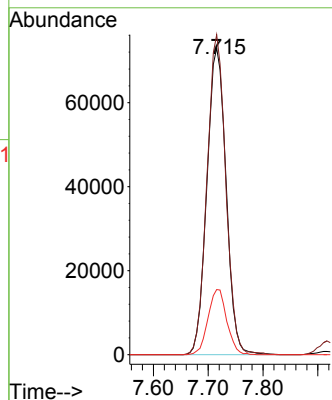
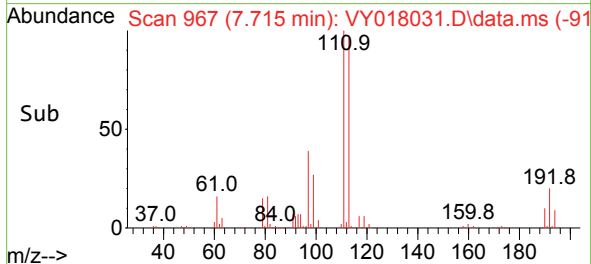


#35
Dibromofluoromethane
Concen: 53.070 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018031.D
Acq: 24 Apr 2024 11:25

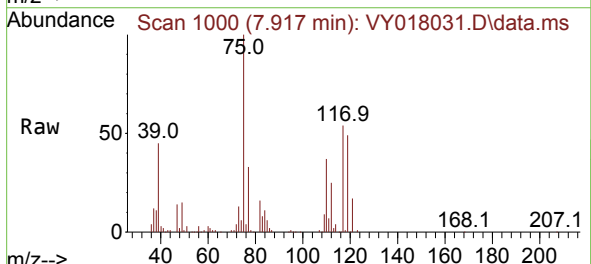
Instrument :
MSVOA_Y
ClientSampleId :



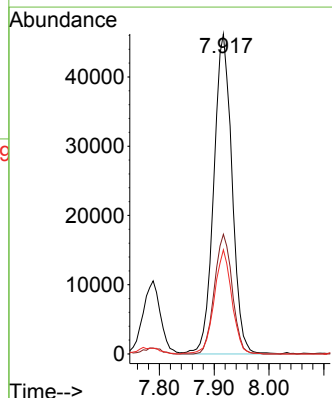
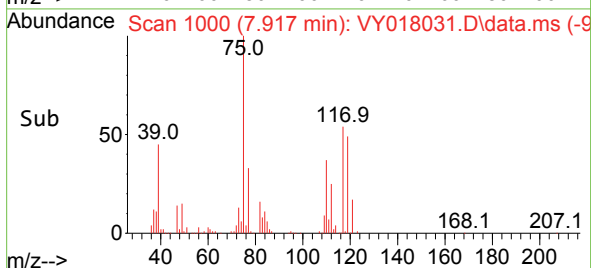
Tgt Ion:113 Resp: 177276
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 20.8 15.9 23.9

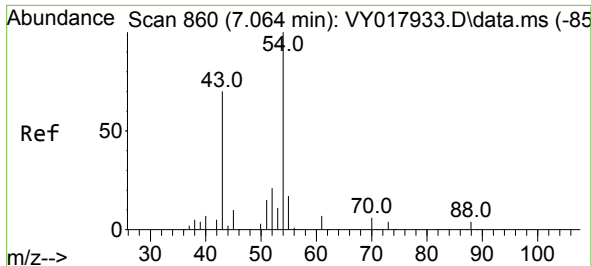


#36
1,1-Dichloropropene
Concen: 21.962 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY018031.D
Acq: 24 Apr 2024 11:25



Tgt Ion: 75 Resp: 106691
Ion Ratio Lower Upper
75 100
110 36.6 19.0 57.0
77 31.4 25.3 37.9





#37

Ethyl Acetate

Concen: 19.960 ug/l

RT: 7.069 min Scan# 861

Delta R.T. -0.006 min

Lab File: VY018031.D

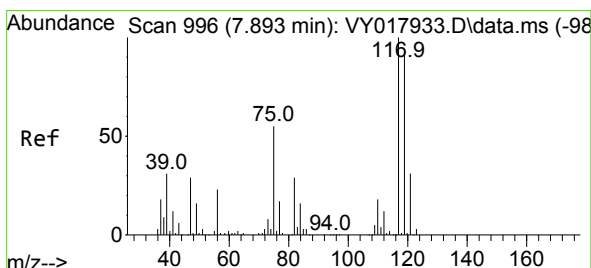
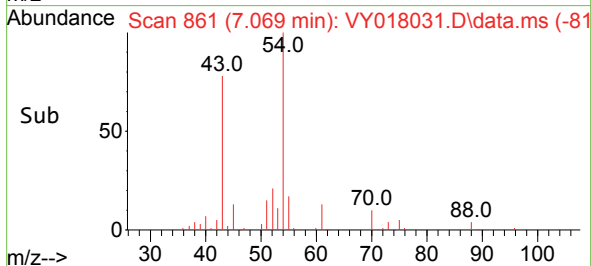
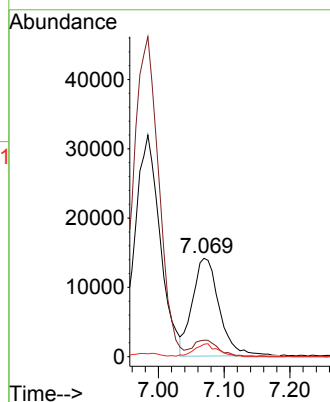
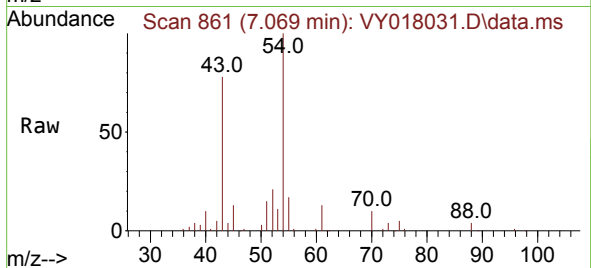
Acq: 24 Apr 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 39894
Ion Ratio	Lower Upper
43 100	
61 16.6	12.6 19.0
70 11.8	7.8 11.8



#38

Carbon Tetrachloride

Concen: 22.756 ug/l

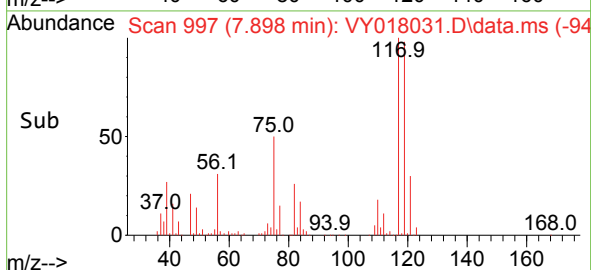
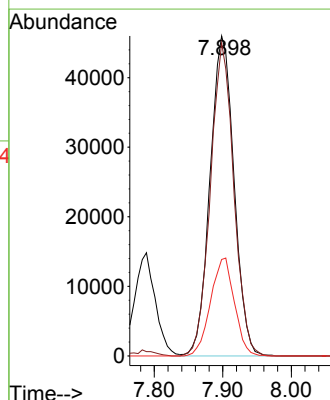
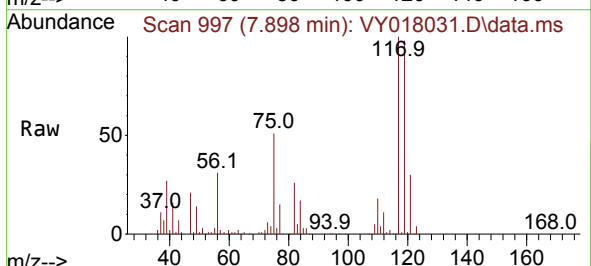
RT: 7.898 min Scan# 997

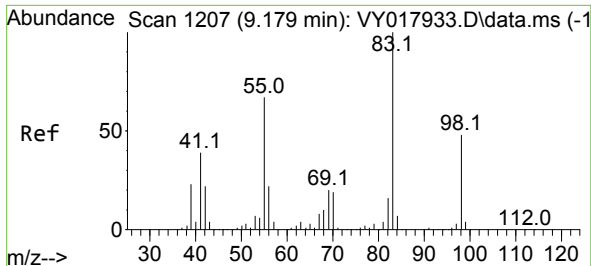
Delta R.T. -0.006 min

Lab File: VY018031.D

Acq: 24 Apr 2024 11:25

Tgt Ion: 117	Resp: 111687
Ion Ratio	Lower Upper
117 100	
119 97.8	75.8 113.6
121 30.1	24.0 36.0





#39

Methylcyclohexane

Concen: 20.559 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018031.D

Acq: 24 Apr 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

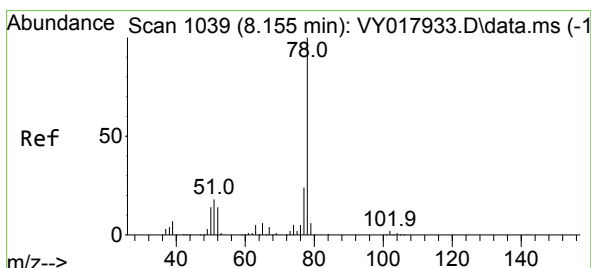
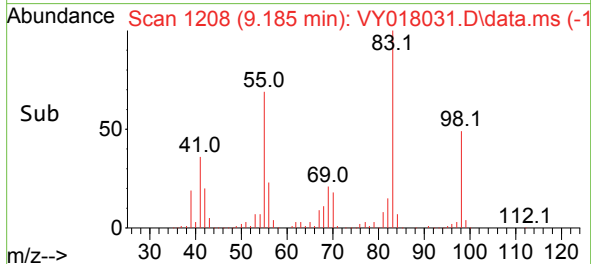
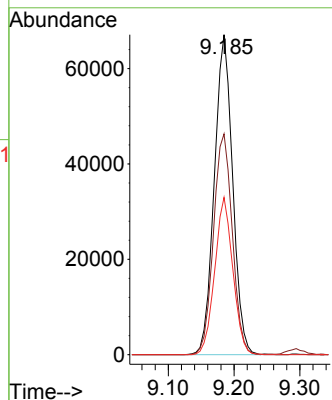
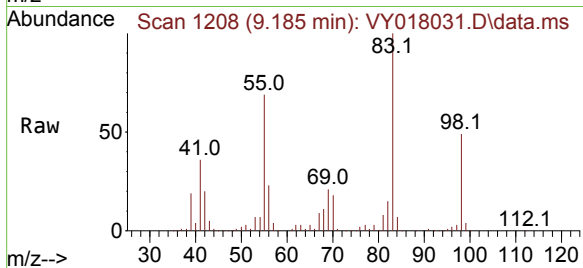
Tgt Ion: 83 Resp: 130150

Ion Ratio Lower Upper

83 100

55 69.0 51.5 77.3

98 49.1 40.5 60.7



#40

Benzene

Concen: 22.669 ug/l

RT: 8.160 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY018031.D

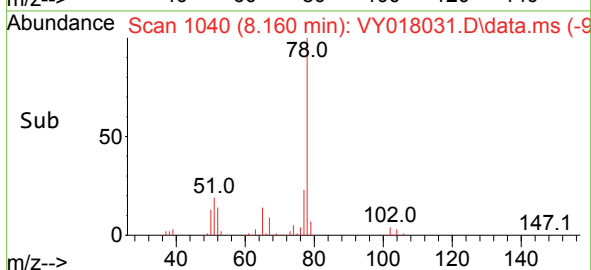
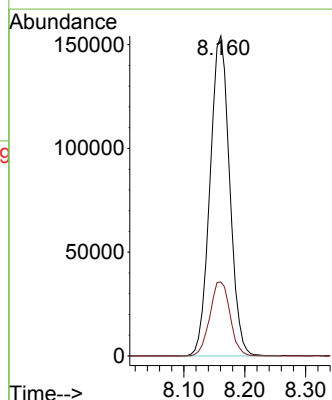
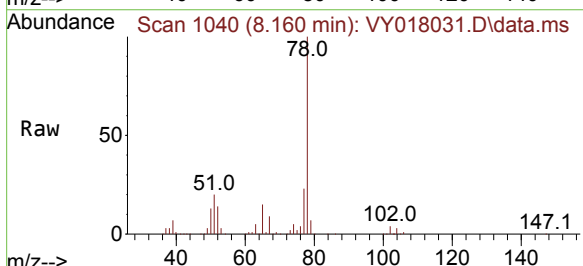
Acq: 24 Apr 2024 11:25

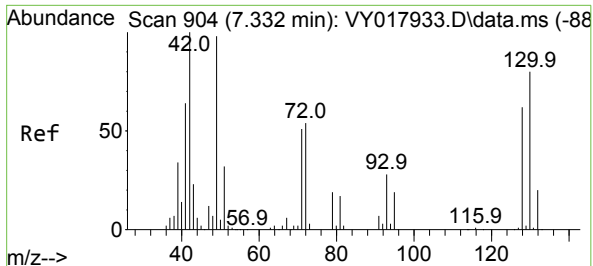
Tgt Ion: 78 Resp: 344941

Ion Ratio Lower Upper

78 100

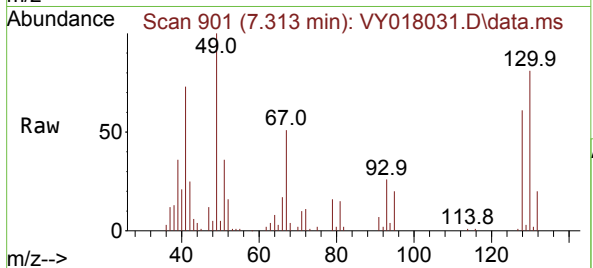
77 23.1 19.5 29.3



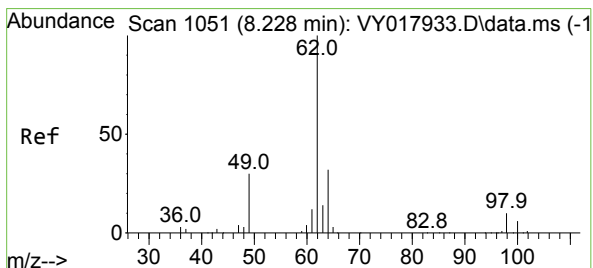
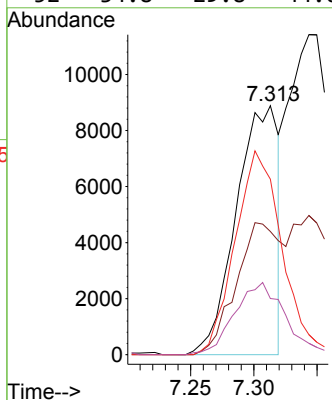
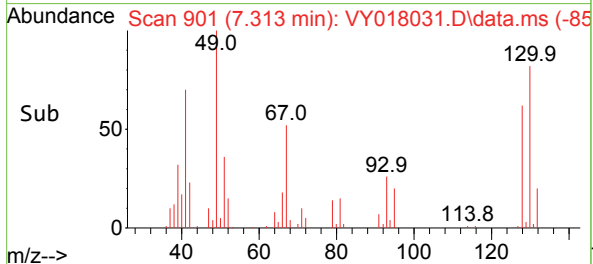


#41
Methacrylonitrile
Concen: 16.360 ug/l
RT: 7.313 min Scan# 901
Delta R.T. -0.018 min
Lab File: VY018031.D
Acq: 24 Apr 2024 11:25

Instrument :
MSVOA_Y
ClientSampleId :

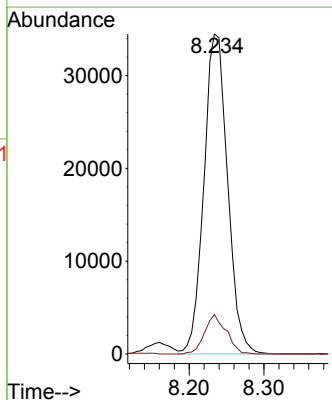
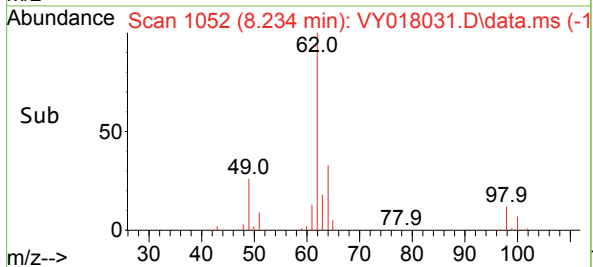
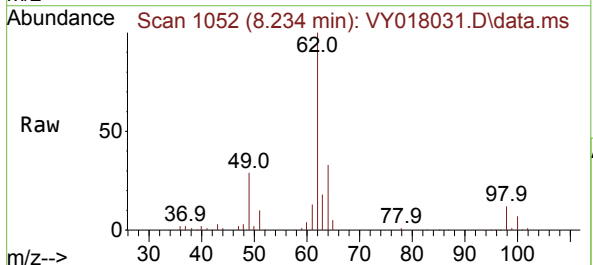


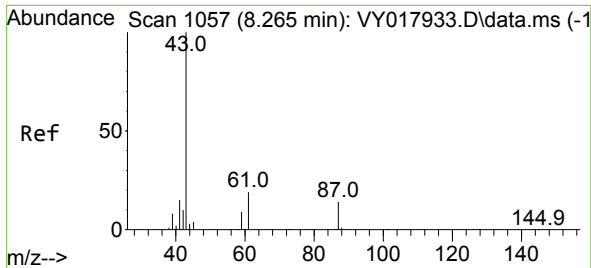
Tgt Ion:	41	Resp:	20633
Ion	Ratio	Lower	Upper
41	100		
39	58.8	48.0	72.0
67	91.4	75.1	112.7
52	34.8	29.8	44.6



#42
1,2-Dichloroethane
Concen: 21.791 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY018031.D
Acq: 24 Apr 2024 11:25

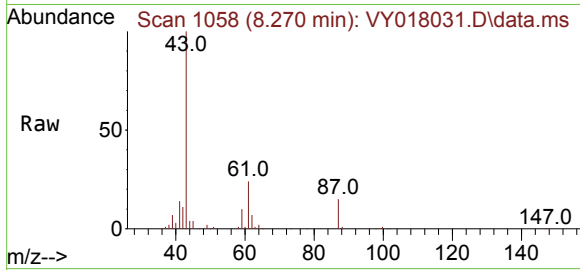
Tgt Ion:	62	Resp:	75976
Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	22.0



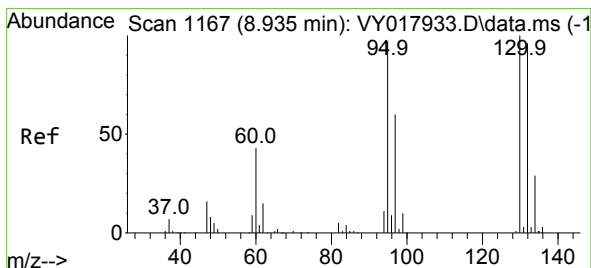
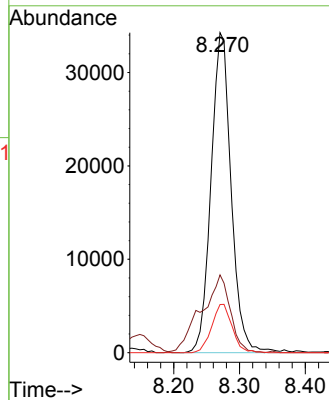
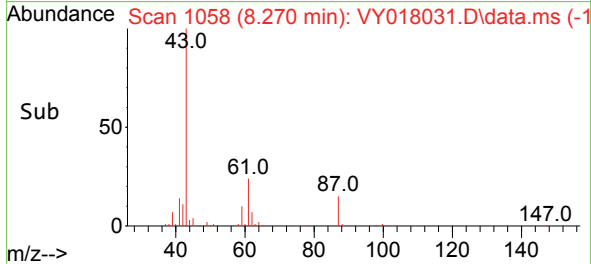


#43
Isopropyl Acetate
Concen: 19.561 ug/l
RT: 8.270 min Scan# 11058
Delta R.T. -0.000 min
Lab File: VY018031.D
Acq: 24 Apr 2024 11:25

Instrument :
MSVOA_Y
ClientSampleId :

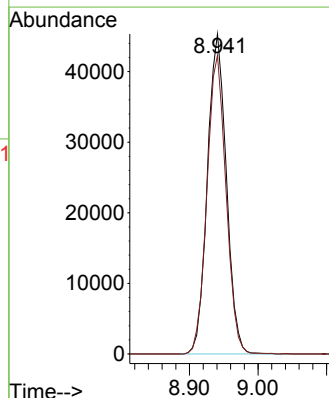
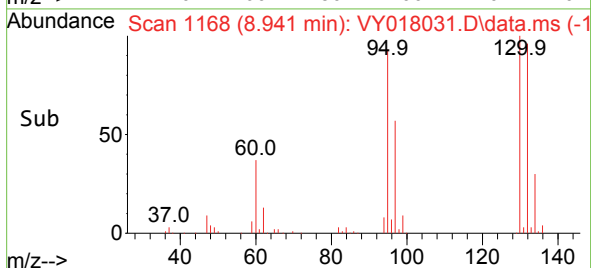
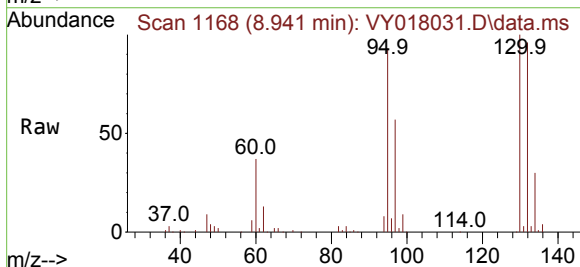


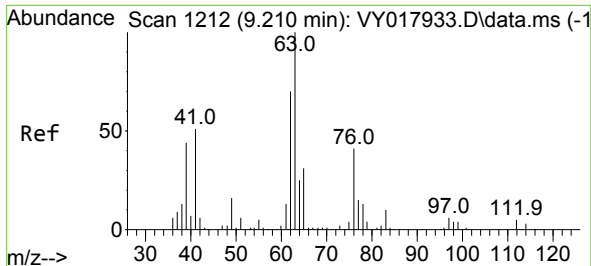
Tgt Ion: 43 Resp: 72878
Ion Ratio Lower Upper
43 100
61 34.9 27.9 41.9
87 15.4 13.1 19.7



#44
Trichloroethene
Concen: 22.547 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY018031.D
Acq: 24 Apr 2024 11:25

Tgt Ion: 130 Resp: 87185
Ion Ratio Lower Upper
130 100
95 93.3 0.0 188.0





#45

1,2-Dichloropropane

Concen: 22.440 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018031.D

Acq: 24 Apr 2024 11:25

Instrument :

MSVOA_Y

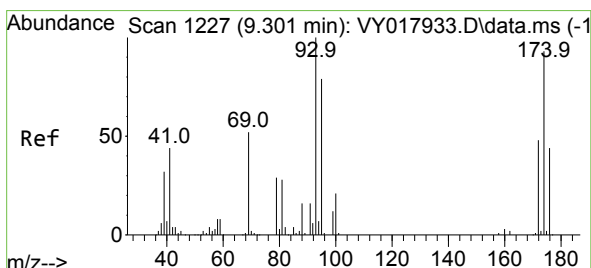
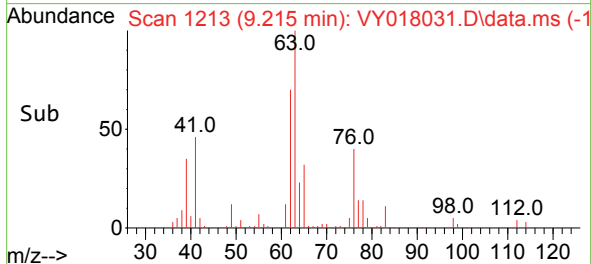
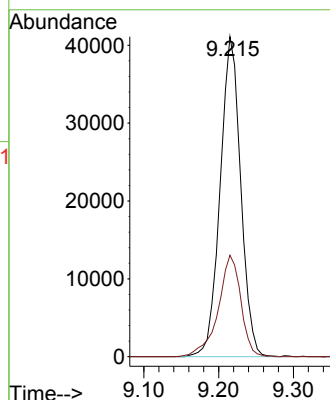
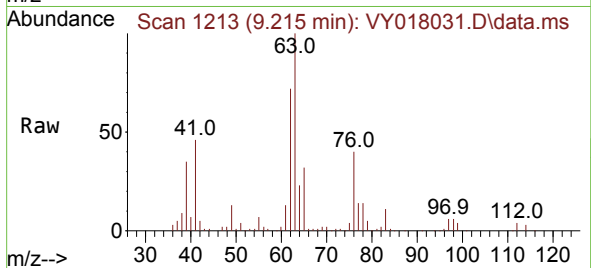
ClientSampleId :

Tgt Ion: 63 Resp: 78601

Ion Ratio Lower Upper

63 100

65 31.7 25.4 38.2



#46

Dibromomethane

Concen: 21.334 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY018031.D

Acq: 24 Apr 2024 11:25

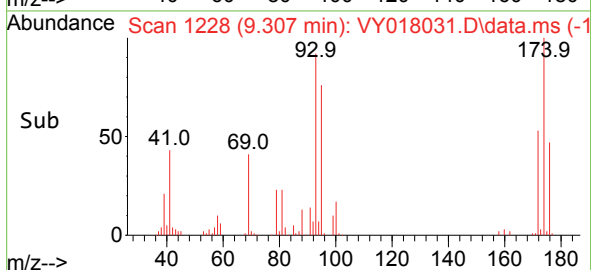
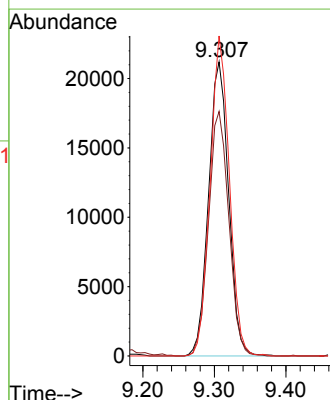
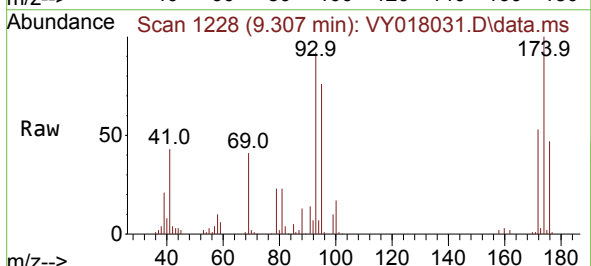
Tgt Ion: 93 Resp: 41335

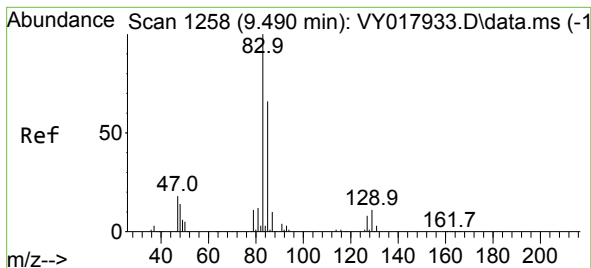
Ion Ratio Lower Upper

93 100

95 84.2 66.2 99.4

174 104.6 80.9 121.3





#47

Bromodichloromethane

Concen: 22.352 ug/l

RT: 9.496 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018031.D

Acq: 24 Apr 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

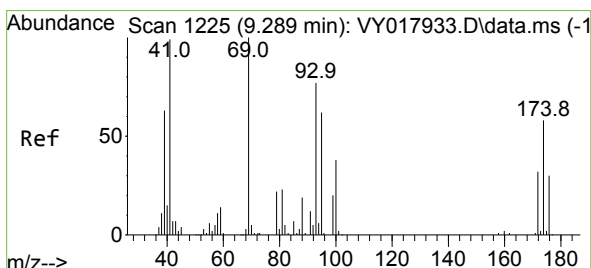
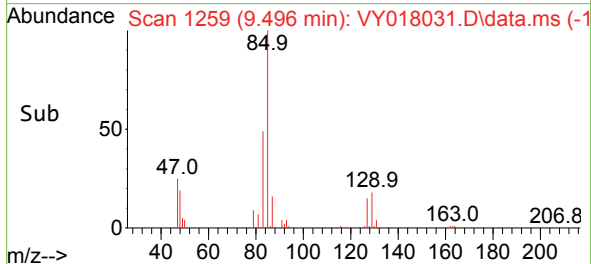
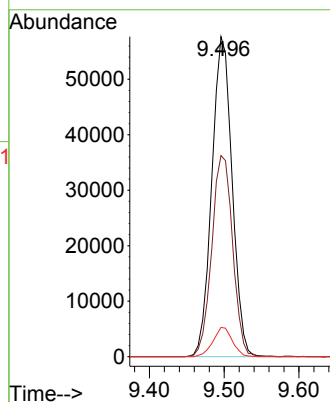
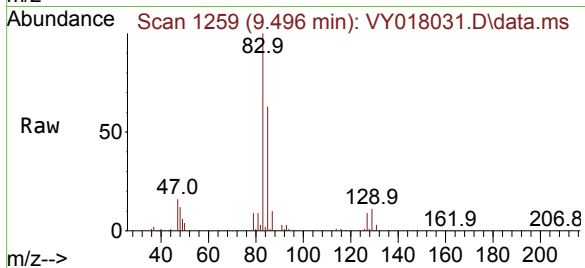
Tgt Ion: 83 Resp: 108652

Ion Ratio Lower Upper

83 100

85 62.8 50.1 75.1

127 9.1 7.4 11.0



#48

Methyl methacrylate

Concen: 19.479 ug/l

RT: 9.294 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY018031.D

Acq: 24 Apr 2024 11:25

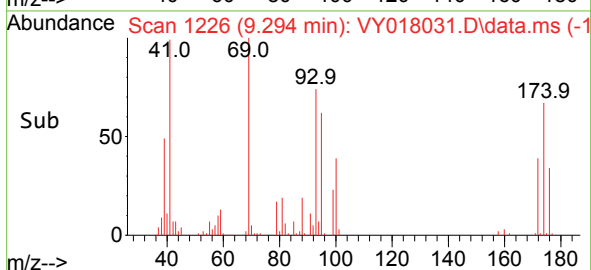
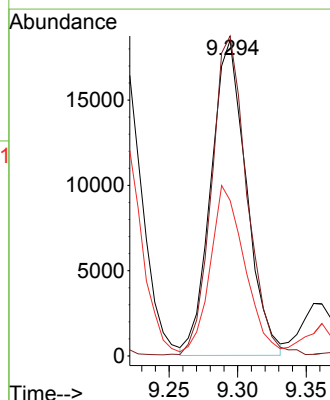
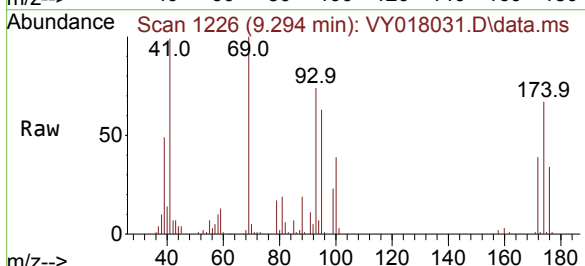
Tgt Ion: 41 Resp: 33255

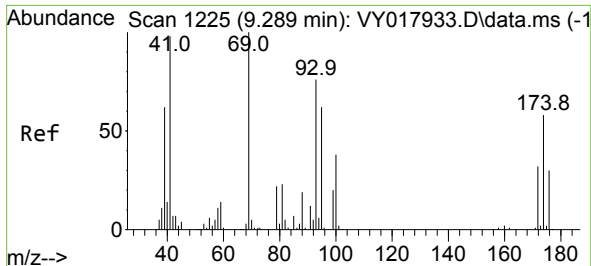
Ion Ratio Lower Upper

41 100

69 100.3 84.1 126.1

39 50.7 43.6 65.4





#49

1,4-Dioxane

Concen: 392.562 ug/l

RT: 9.301 min Scan# 11

Delta R.T. -0.000 min

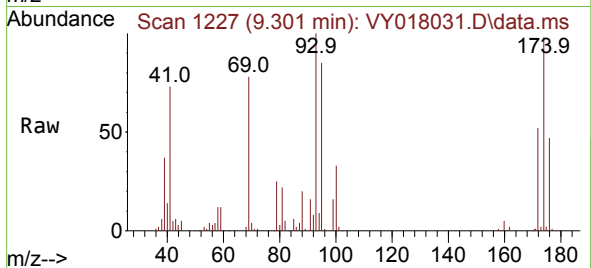
Lab File: VY018031.D

Acq: 24 Apr 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :



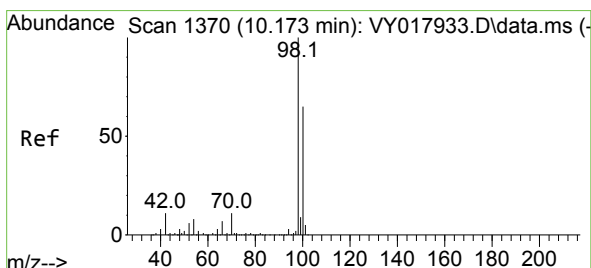
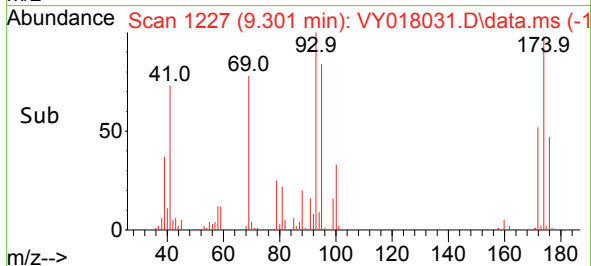
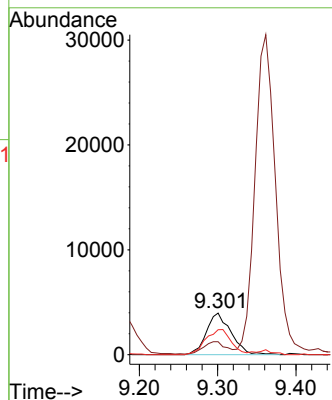
Tgt Ion: 88 Resp: 8683

Ion Ratio Lower Upper

88 100

43 26.3 0.0 0.0#

58 62.2 49.3 73.9



#50

Toluene-d8

Concen: 55.280 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY018031.D

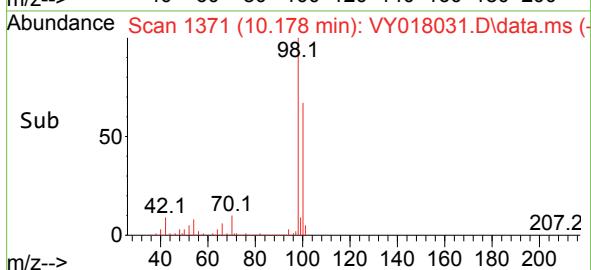
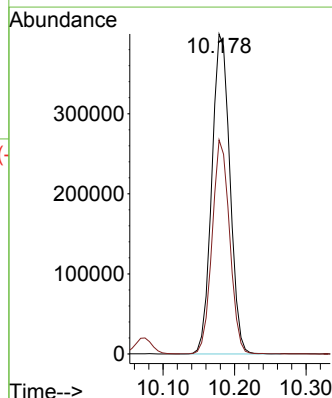
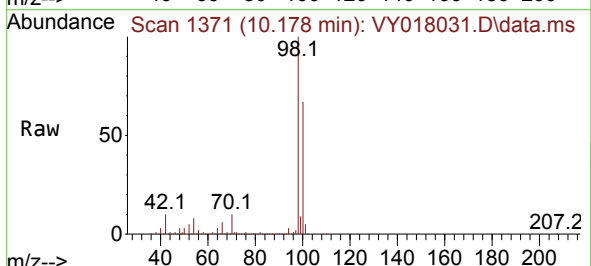
Acq: 24 Apr 2024 11:25

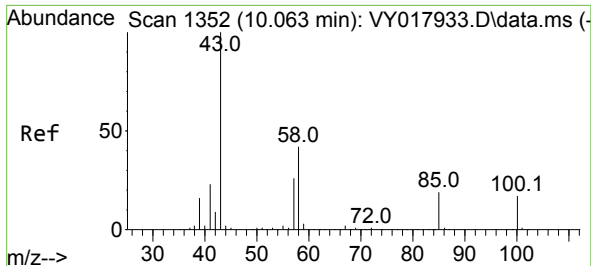
Tgt Ion: 98 Resp: 700684

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 98.467 ug/l

RT: 10.069 min Scan# 1352

Delta R.T. -0.000 min

Lab File: VY018031.D

Acq: 24 Apr 2024 11:25

Instrument :

MSVOA_Y

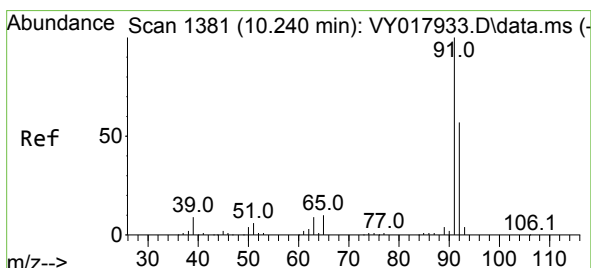
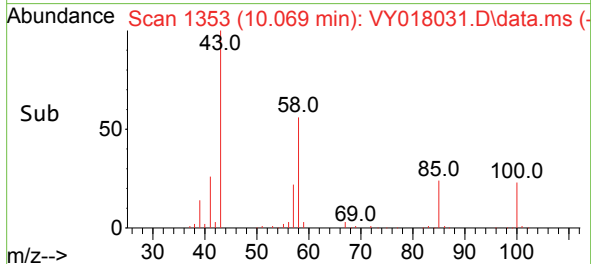
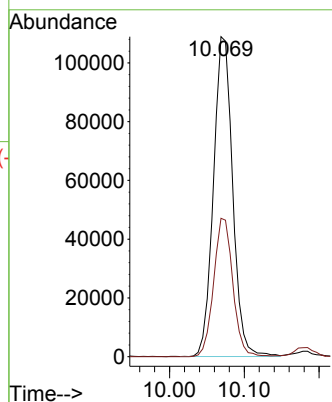
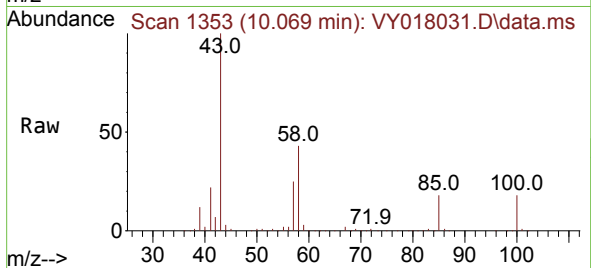
ClientSampleId :

Tgt Ion: 43 Resp: 194480

Ion Ratio Lower Upper

43 100

58 43.2 35.7 53.5



#52

Toluene

Concen: 22.995 ug/l

RT: 10.245 min Scan# 1382

Delta R.T. -0.000 min

Lab File: VY018031.D

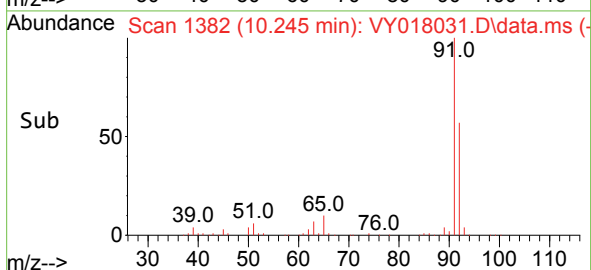
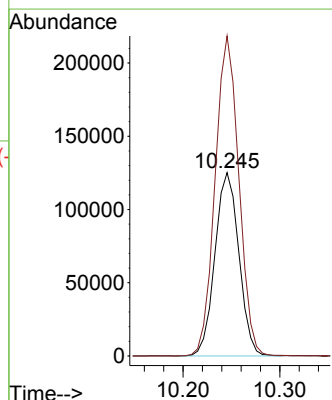
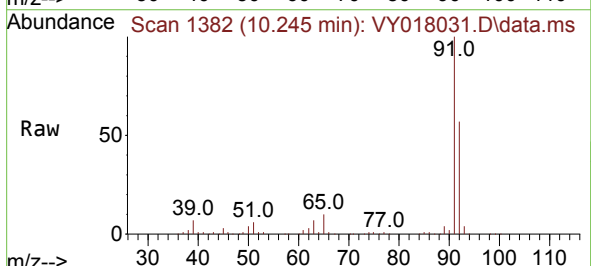
Acq: 24 Apr 2024 11:25

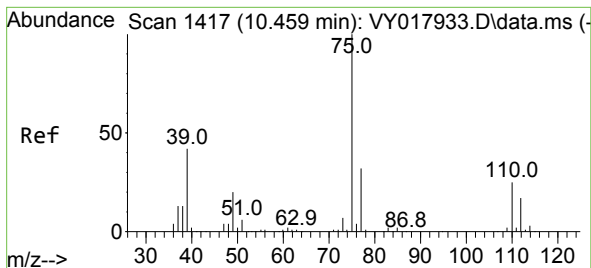
Tgt Ion: 92 Resp: 214712

Ion Ratio Lower Upper

92 100

91 173.2 139.0 208.6

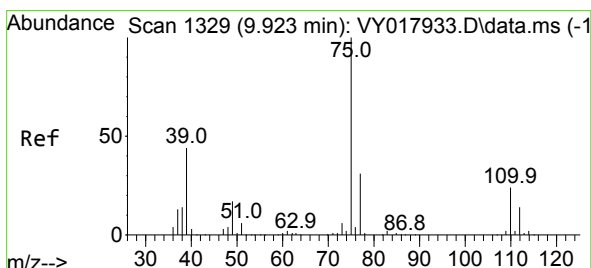
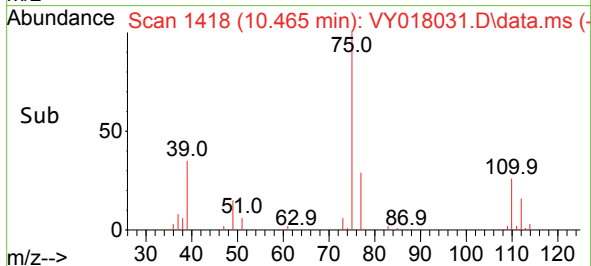
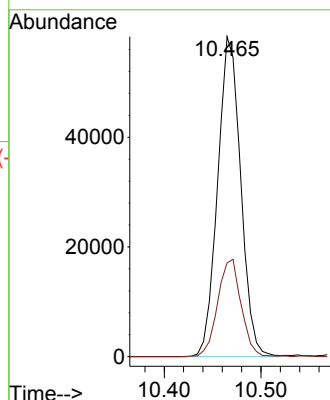
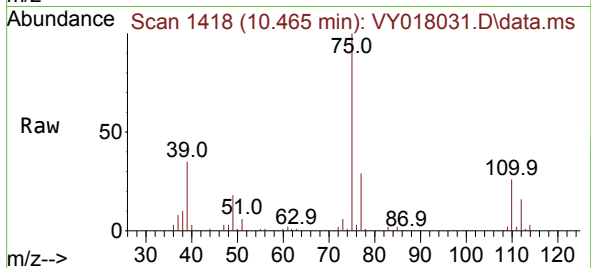




#53
 t-1,3-Dichloropropene
 Concen: 21.758 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. -0.000 min
 Lab File: VY018031.D
 Acq: 24 Apr 2024 11:25

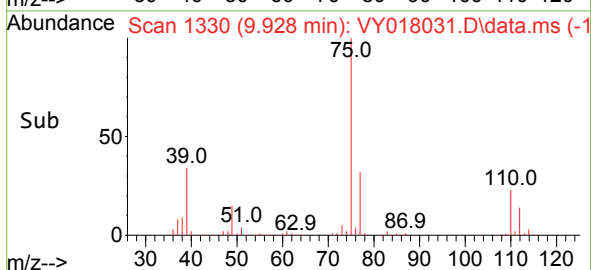
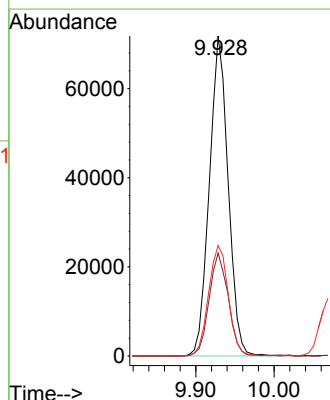
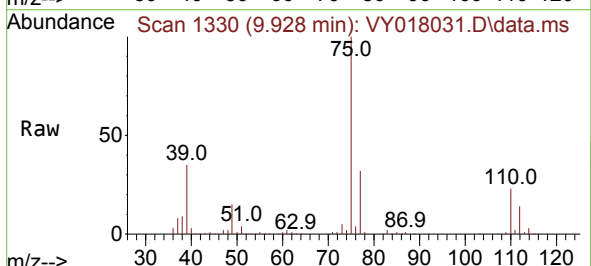
Instrument :
 MSVOA_Y
 ClientSampleId :

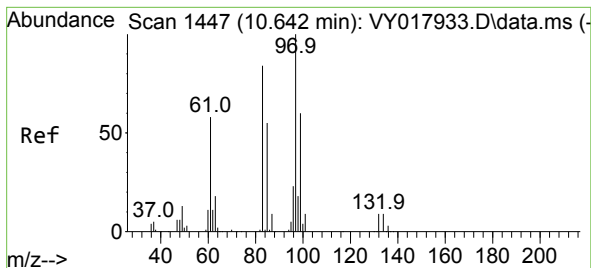
Tgt Ion: 75 Resp: 96555
 Ion Ratio Lower Upper
 75 100
 77 29.3 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 21.948 ug/l
 RT: 9.928 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY018031.D
 Acq: 24 Apr 2024 11:25

Tgt Ion: 75 Resp: 119649
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.4 38.0
 39 34.5 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 21.083 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY018031.D

Acq: 24 Apr 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 55529

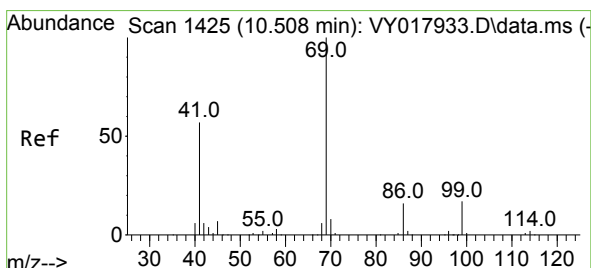
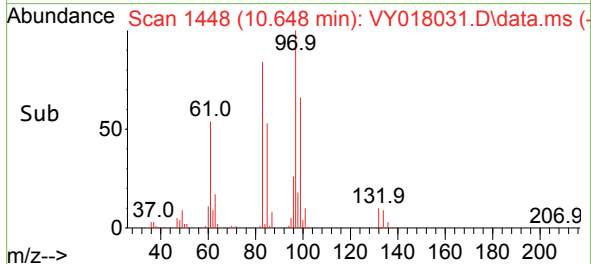
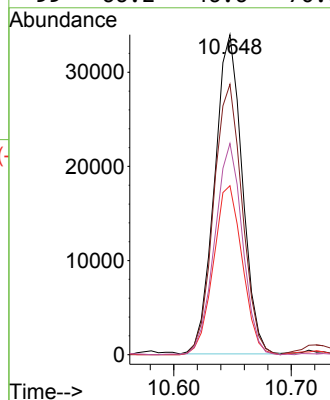
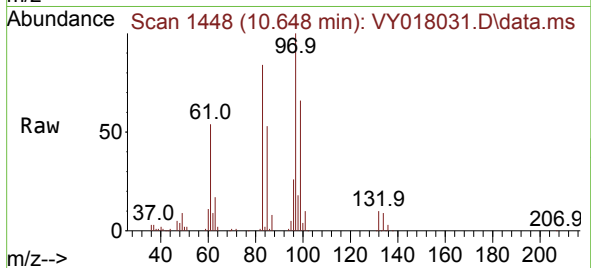
Ion Ratio Lower Upper

97 100

83 84.7 67.5 101.3

85 52.9 42.9 64.3

99 66.2 46.6 70.0



#56

Ethyl methacrylate

Concen: 19.442 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY018031.D

Acq: 24 Apr 2024 11:25

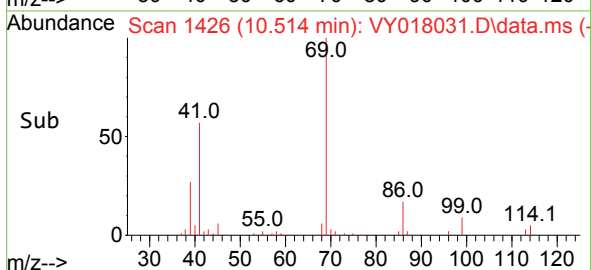
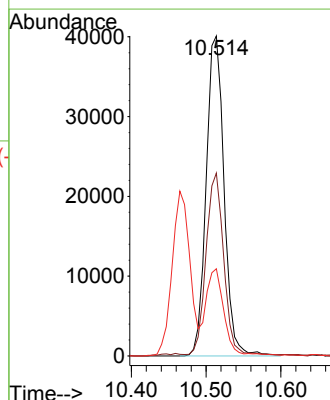
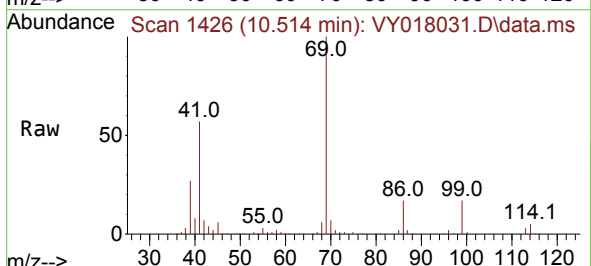
Tgt Ion: 69 Resp: 66758

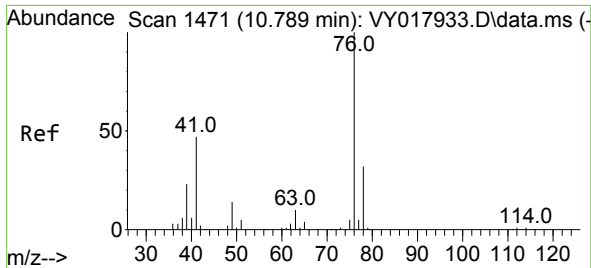
Ion Ratio Lower Upper

69 100

41 55.8 42.3 63.5

39 27.4 22.9 34.3

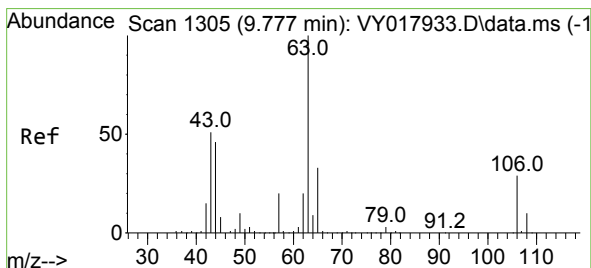
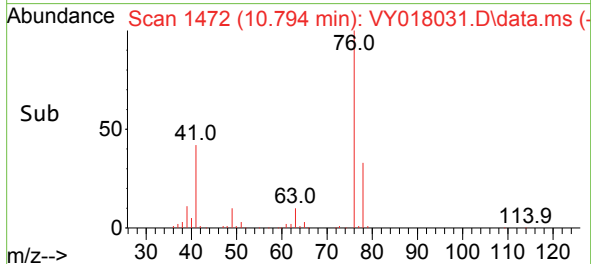
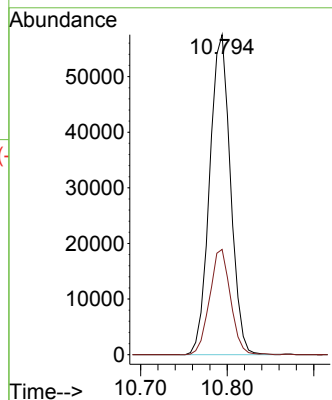
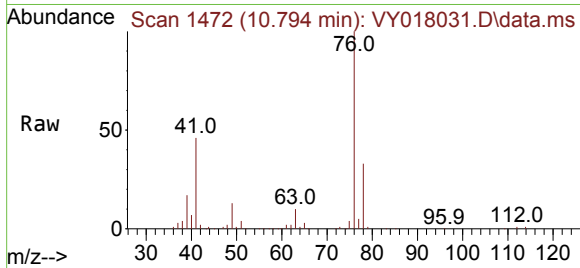




#57
1,3-Dichloropropane
Concen: 21.541 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VY018031.D
Acq: 24 Apr 2024 11:25

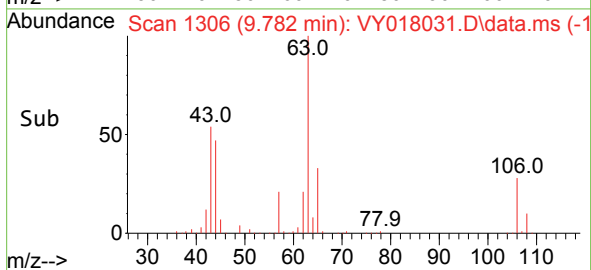
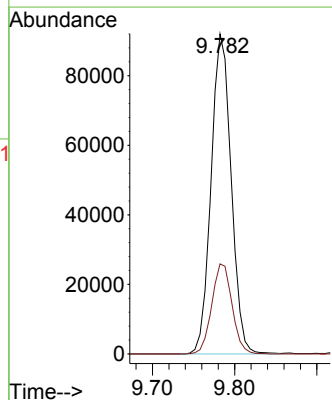
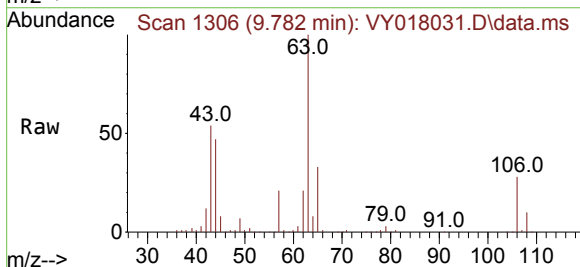
Instrument :
MSVOA_Y
ClientSampleId :

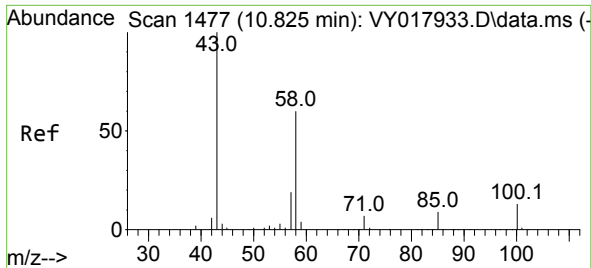
Tgt Ion: 76 Resp: 96070
Ion Ratio Lower Upper
76 100
78 33.0 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 87.389 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY018031.D
Acq: 24 Apr 2024 11:25

Tgt Ion: 63 Resp: 155976
Ion Ratio Lower Upper
63 100
106 28.4 23.7 35.5

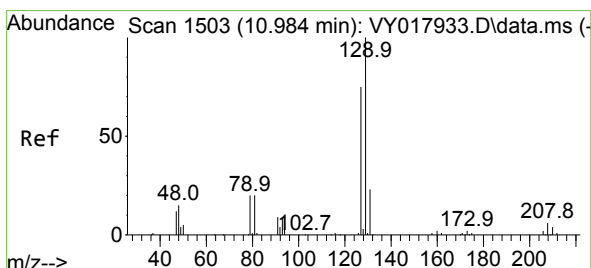
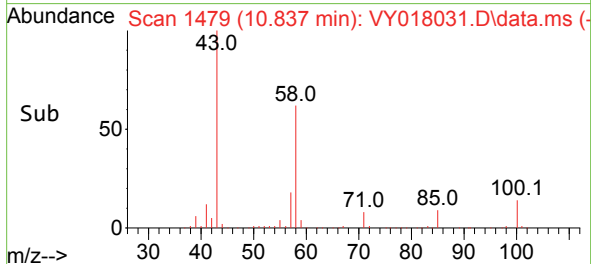
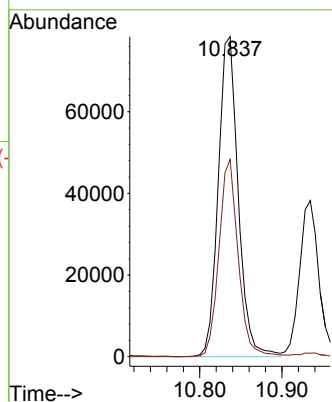
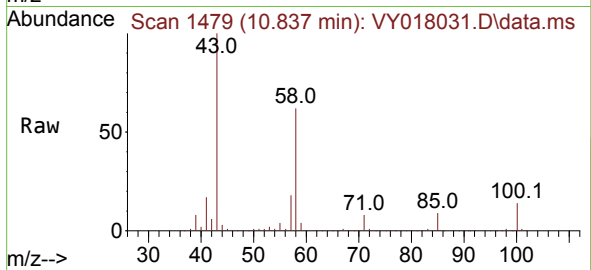




#59
2-Hexanone
Concen: 98.254 ug/l
RT: 10.837 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VY018031.D
Acq: 24 Apr 2024 11:25

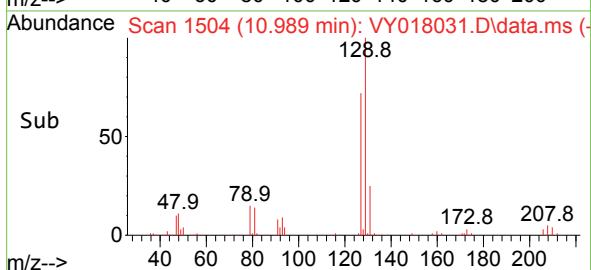
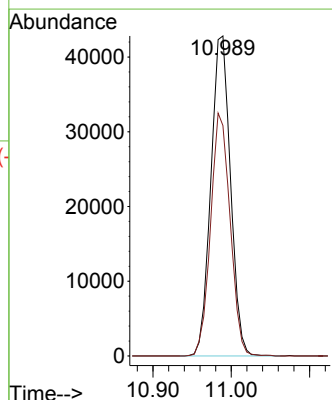
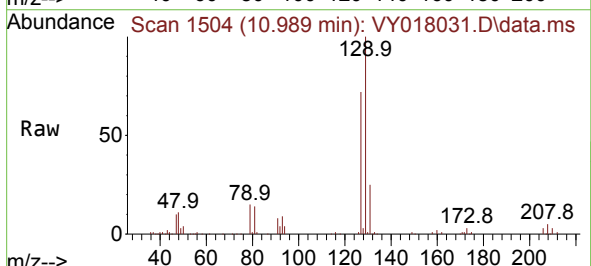
Instrument :
MSVOA_Y
ClientSampleId :

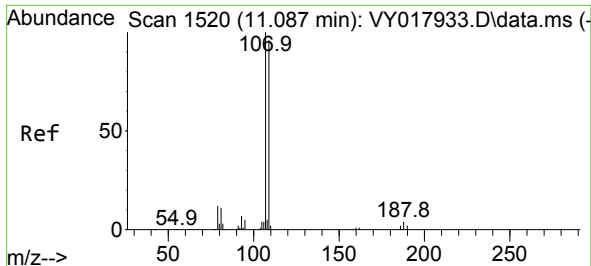
Tgt Ion: 43 Resp: 132471
Ion Ratio Lower Upper
43 100
58 59.5 31.4 94.0



#60
Dibromochloromethane
Concen: 21.997 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY018031.D
Acq: 24 Apr 2024 11:25

Tgt Ion: 129 Resp: 74460
Ion Ratio Lower Upper
129 100
127 75.6 39.0 117.0

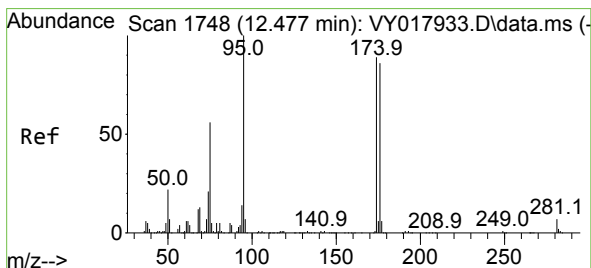
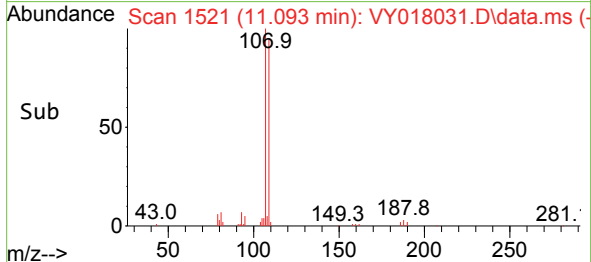
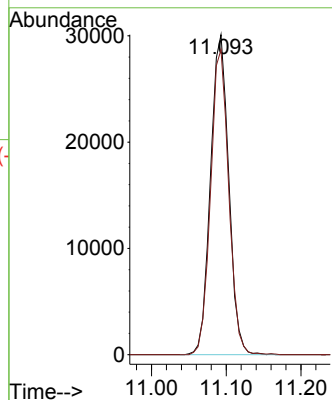
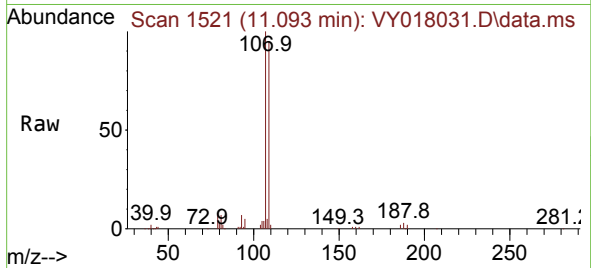




#61
1,2-Dibromoethane
Concen: 20.784 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VY018031.D
Acq: 24 Apr 2024 11:25

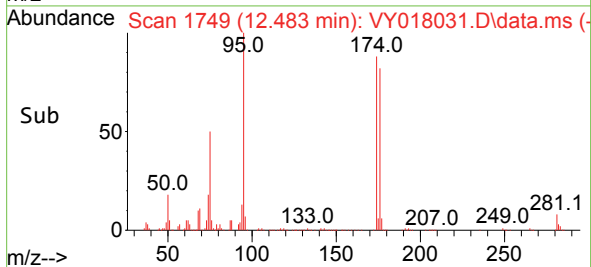
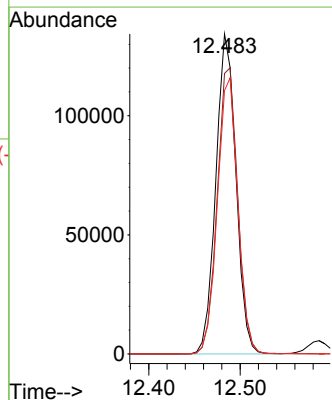
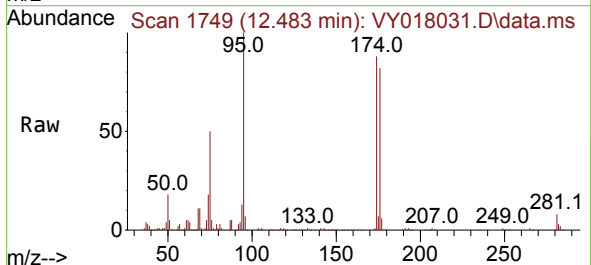
Instrument :
MSVOA_Y
ClientSampleId :

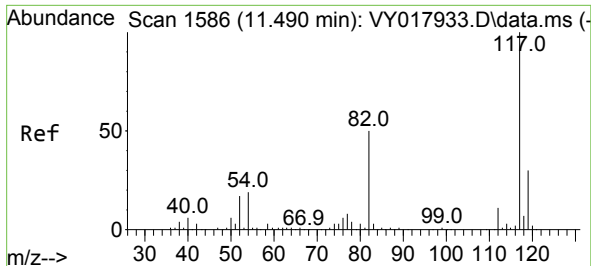
Tgt Ion:107 Resp: 51018
Ion Ratio Lower Upper
107 100
109 94.6 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 52.239 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY018031.D
Acq: 24 Apr 2024 11:25

Tgt Ion: 95 Resp: 205068
Ion Ratio Lower Upper
95 100
174 91.8 0.0 175.6
176 88.1 0.0 171.4

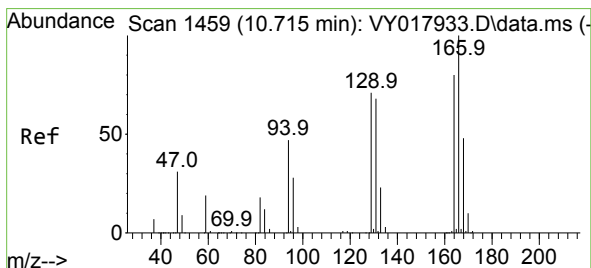
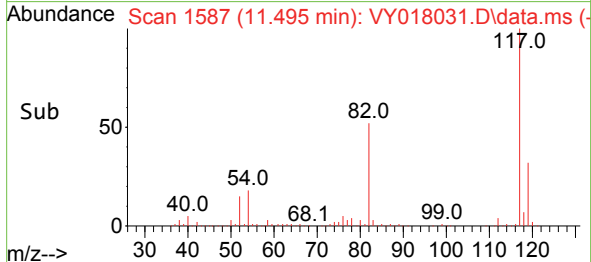
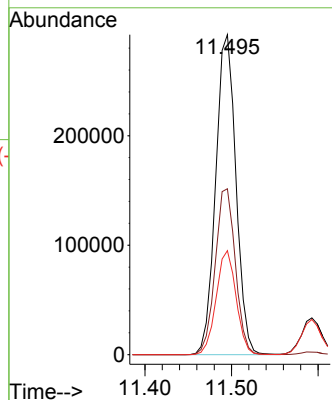
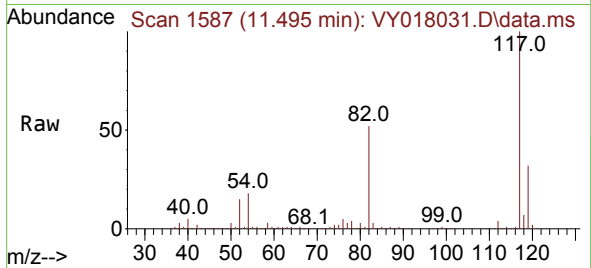




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018031.D
Acq: 24 Apr 2024 11:25

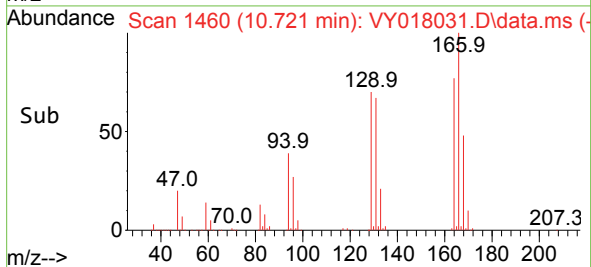
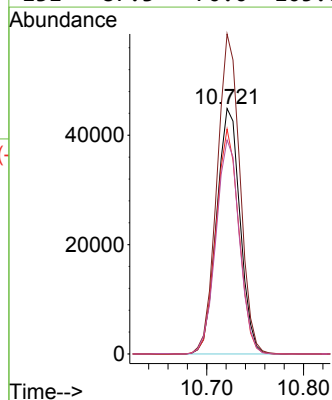
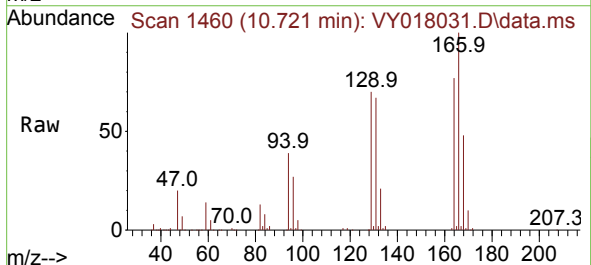
Instrument :
MSVOA_Y
ClientSampleId :

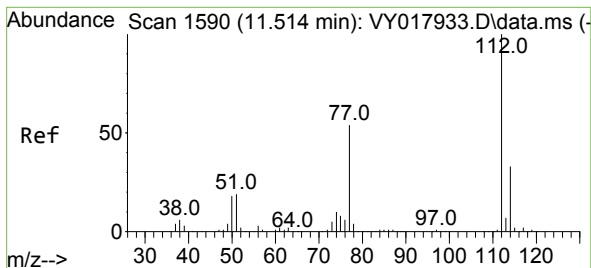
Tgt Ion:117 Resp: 475050
Ion Ratio Lower Upper
117 100
82 51.9 42.4 63.6
119 32.5 25.9 38.9



#64
Tetrachloroethene
Concen: 22.217 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY018031.D
Acq: 24 Apr 2024 11:25

Tgt Ion:164 Resp: 75605
Ion Ratio Lower Upper
164 100
166 130.4 102.6 154.0
129 91.7 72.0 108.0
131 87.3 70.0 105.0





#65

Chlorobenzene

Concen: 22.470 ug/l

RT: 11.520 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018031.D

Acq: 24 Apr 2024 11:25

Instrument :

MSVOA_Y

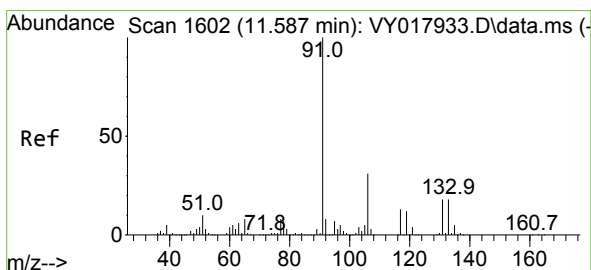
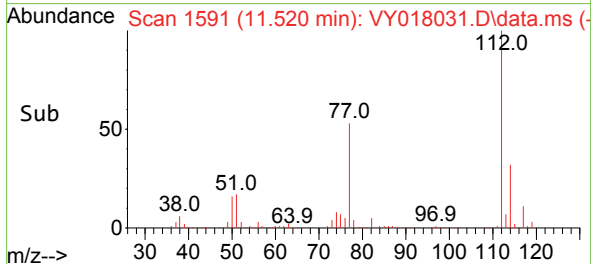
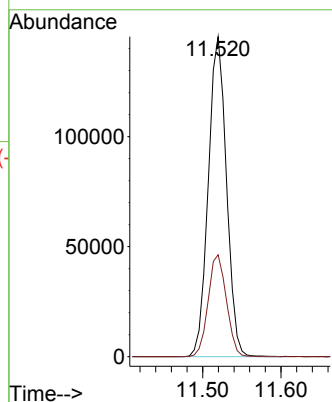
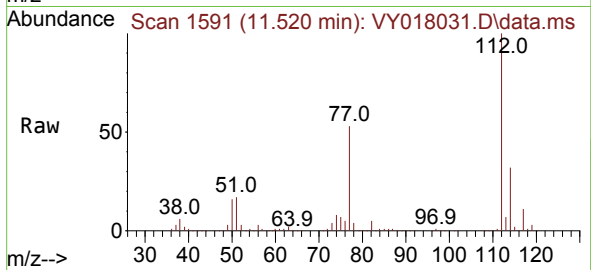
ClientSampleId :

Tgt Ion:112 Resp: 233946

Ion Ratio Lower Upper

112 100

114 31.9 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 22.575 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY018031.D

Acq: 24 Apr 2024 11:25

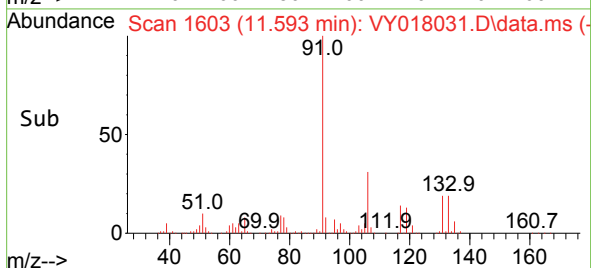
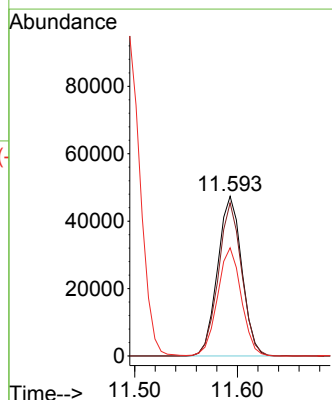
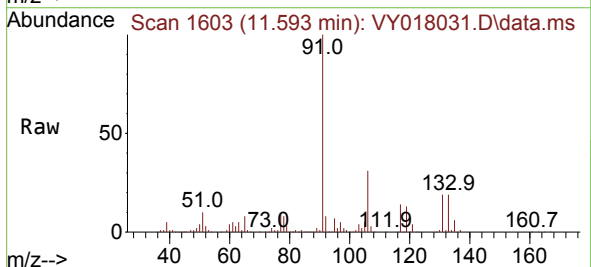
Tgt Ion:131 Resp: 77503

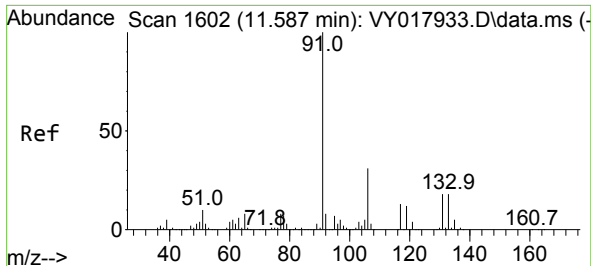
Ion Ratio Lower Upper

131 100

133 92.8 47.8 143.3

119 66.6 34.1 102.2





#67

Ethyl Benzene

Concen: 22.183 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY018031.D

Acq: 24 Apr 2024 11:25

Instrument :

MSVOA_Y

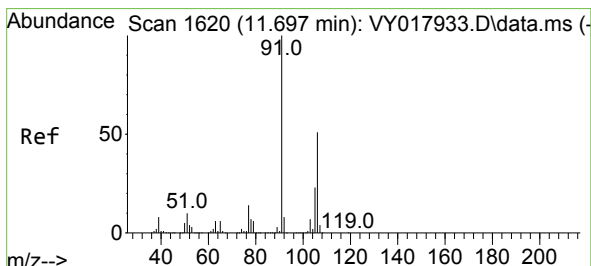
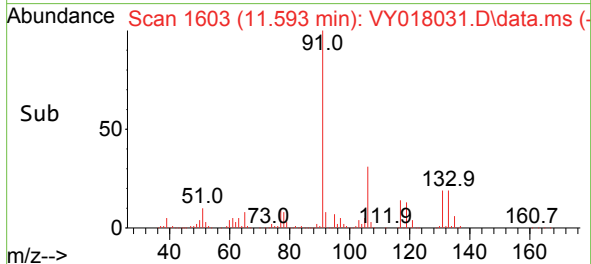
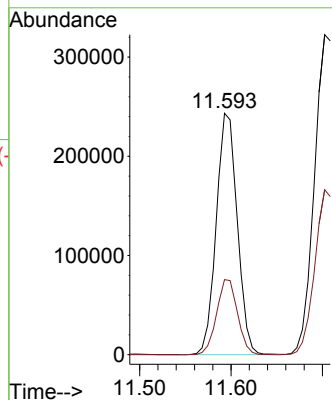
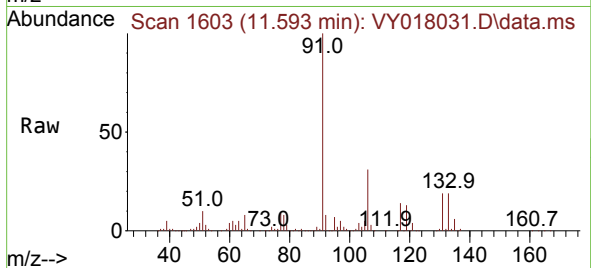
ClientSampleId :

Tgt Ion: 91 Resp: 388882

Ion Ratio Lower Upper

91 100

106 31.1 24.5 36.7



#68

m/p-Xylenes

Concen: 44.792 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY018031.D

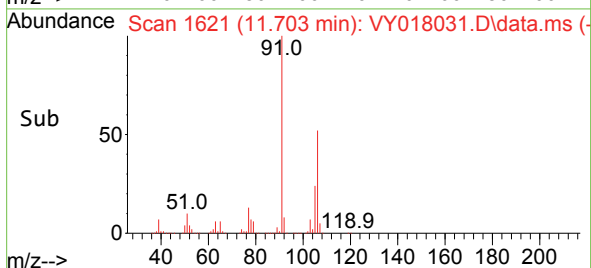
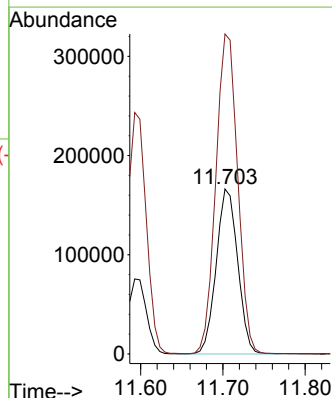
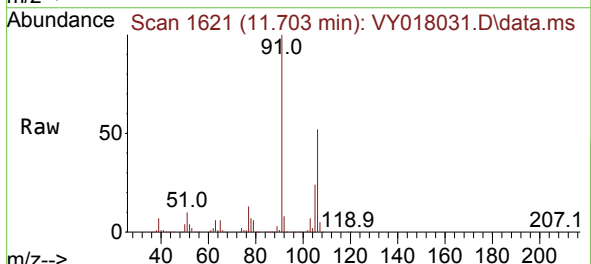
Acq: 24 Apr 2024 11:25

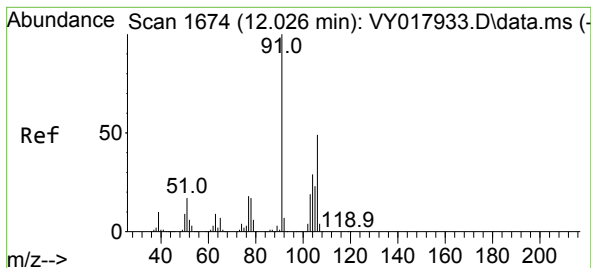
Tgt Ion:106 Resp: 301589

Ion Ratio Lower Upper

106 100

91 197.4 156.0 234.0





#69

o-Xylene

Concen: 22.086 ug/l

RT: 12.032 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018031.D

Acq: 24 Apr 2024 11:25

Instrument :

MSVOA_Y

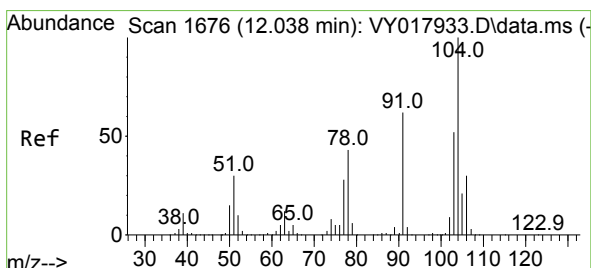
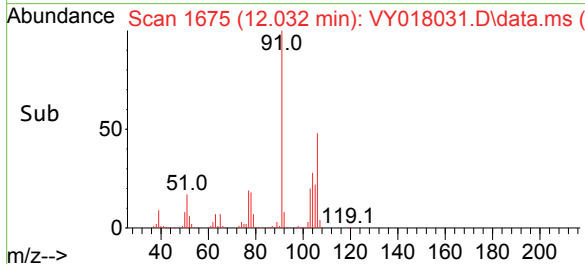
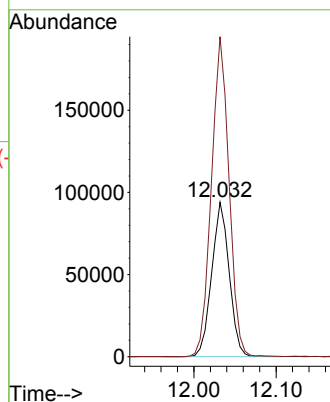
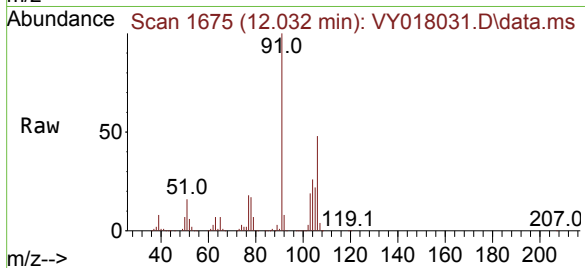
ClientSampleId :

Tgt Ion:106 Resp: 138874

Ion Ratio Lower Upper

106 100

91 209.0 103.6 310.8



#70

Styrene

Concen: 22.223 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY018031.D

Acq: 24 Apr 2024 11:25

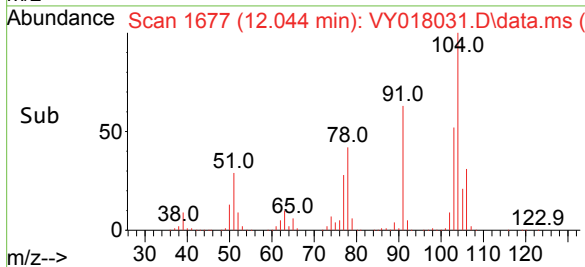
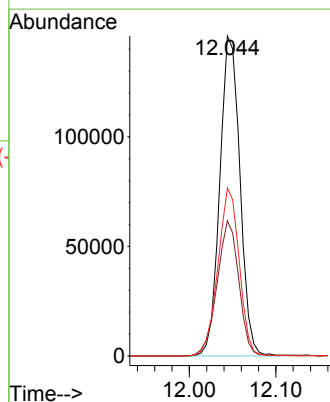
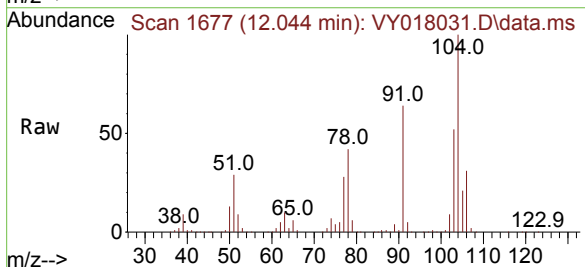
Tgt Ion:104 Resp: 236169

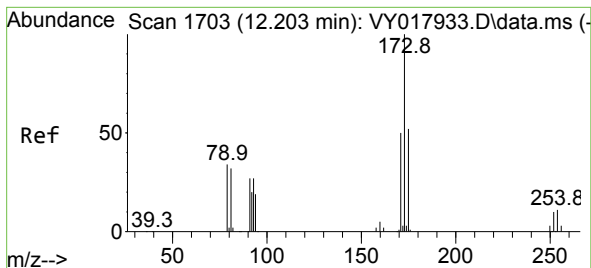
Ion Ratio Lower Upper

104 100

78 45.6 37.0 55.4

103 55.6 44.2 66.2





#71

Bromoform

Concen: 20.166 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018031.D

Acq: 24 Apr 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

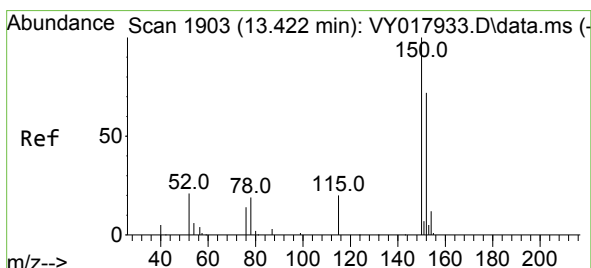
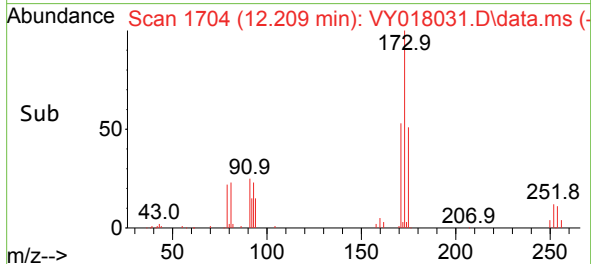
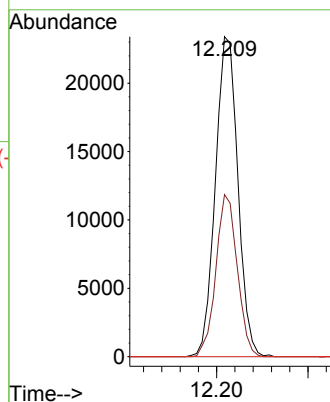
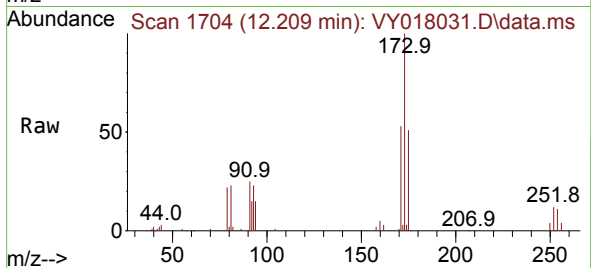
Tgt Ion:173 Resp: 40001

Ion Ratio Lower Upper

173 100

175 48.2 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY018031.D

Acq: 24 Apr 2024 11:25

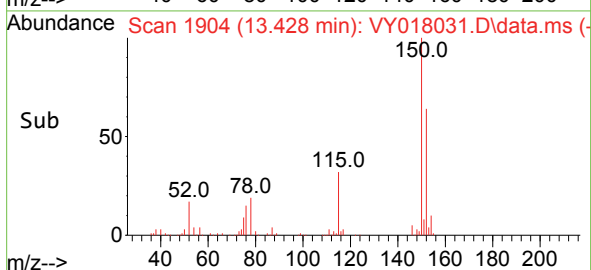
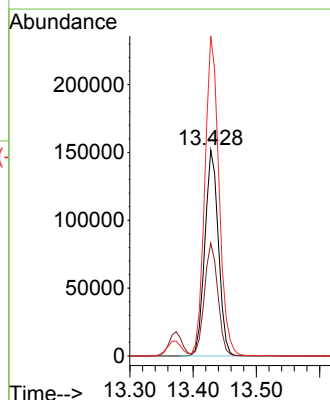
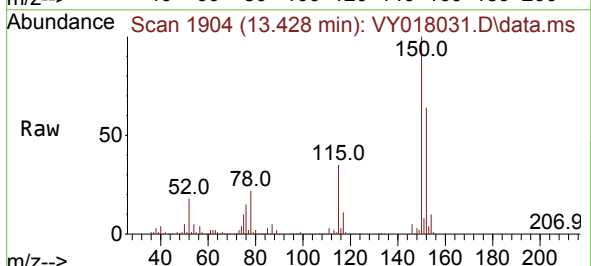
Tgt Ion:152 Resp: 226544

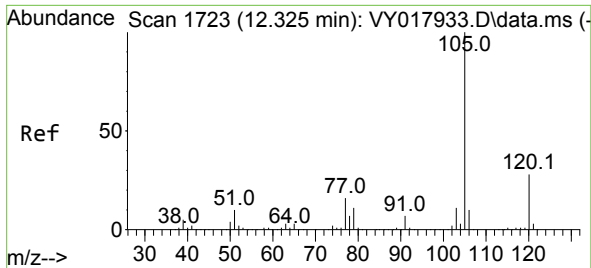
Ion Ratio Lower Upper

152 100

115 54.4 28.2 84.7

150 162.1 0.0 345.6

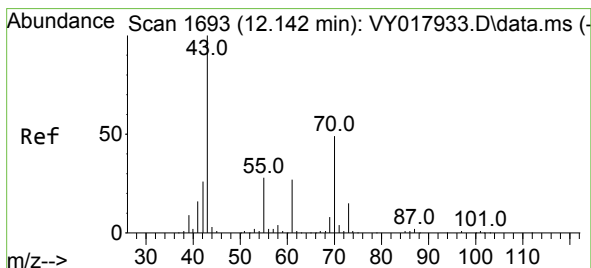
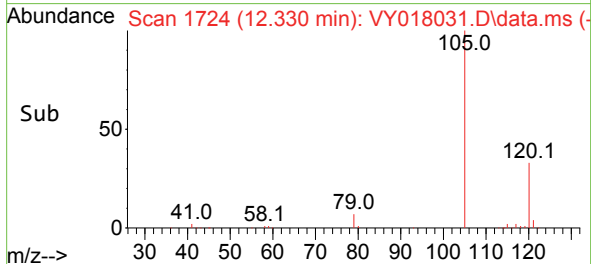
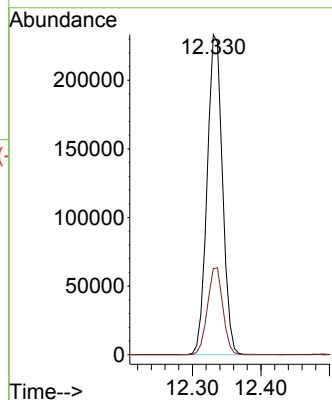
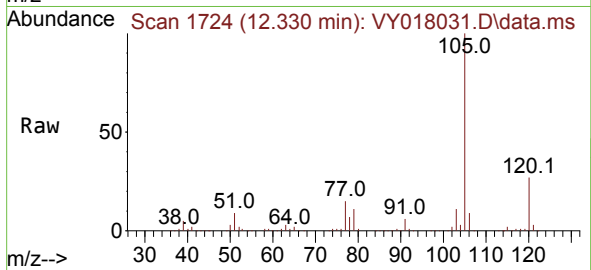




#73
Isopropylbenzene
Concen: 21.990 ug/l
RT: 12.330 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY018031.D
Acq: 24 Apr 2024 11:25

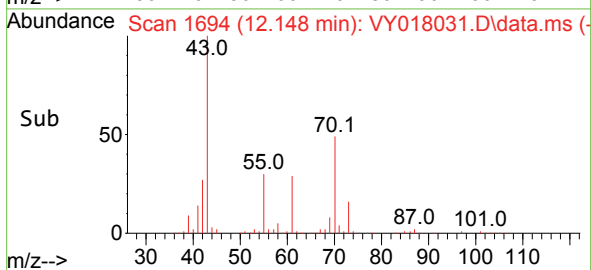
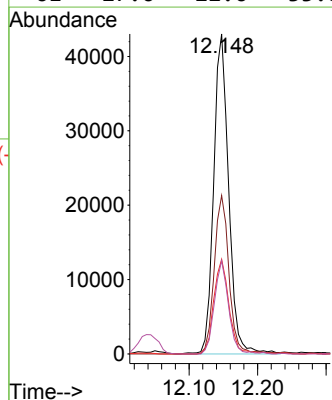
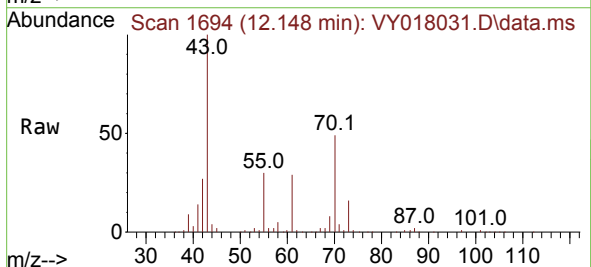
Instrument :
MSVOA_Y
ClientSampleId :

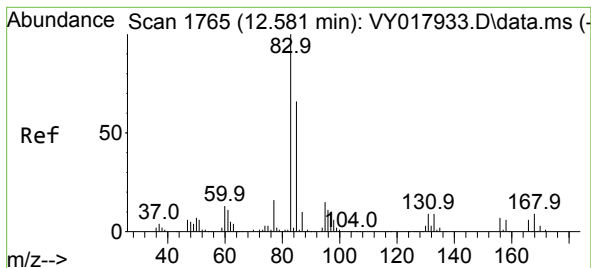
Tgt Ion:105 Resp: 362991
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.1



#74
N-ethyl acetate
Concen: 19.596 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY018031.D
Acq: 24 Apr 2024 11:25

Tgt Ion: 43 Resp: 65300
Ion Ratio Lower Upper
43 100
70 49.1 41.4 62.2
55 30.3 23.3 34.9
61 27.6 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.875 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.006 min

Lab File: VY018031.D

Acq: 24 Apr 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

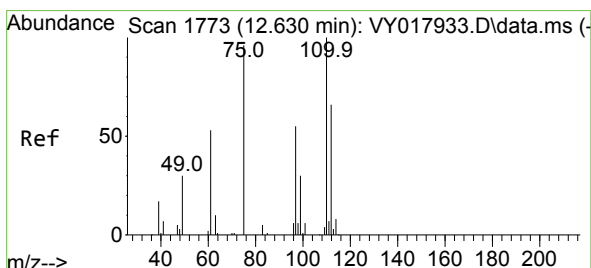
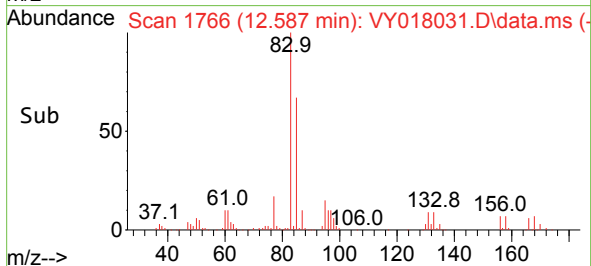
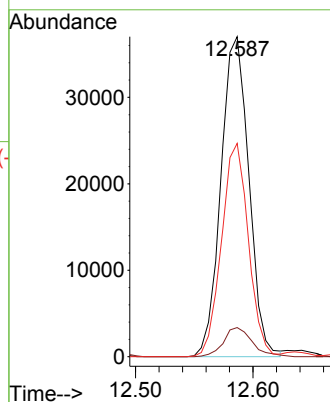
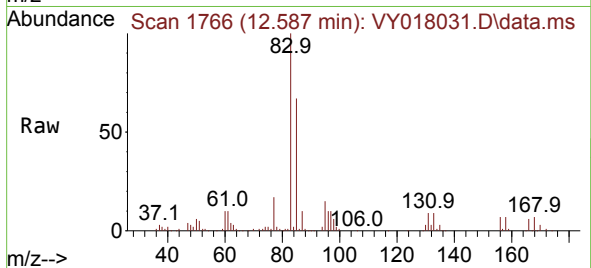
Tgt Ion: 83 Resp: 61189

Ion Ratio Lower Upper

83 100

131 9.3 5.0 14.9

85 64.2 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 35.214 ug/l

RT: 12.635 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY018031.D

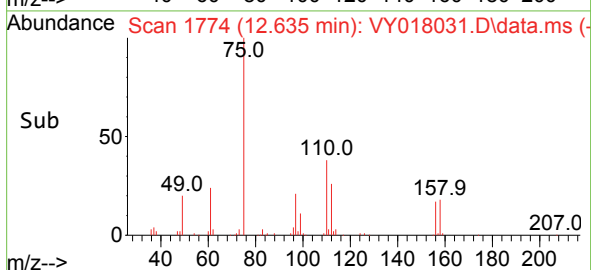
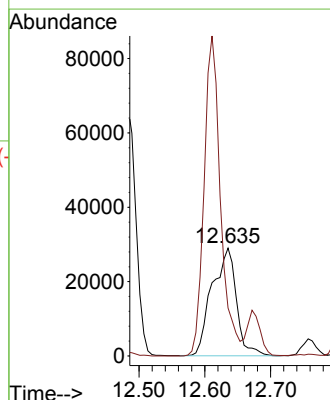
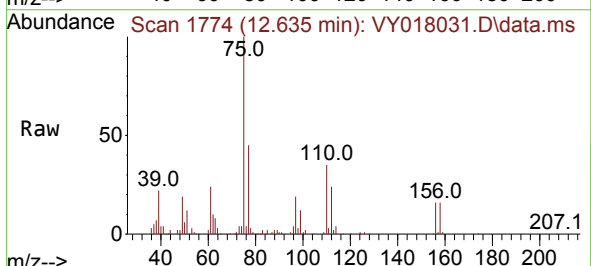
Acq: 24 Apr 2024 11:25

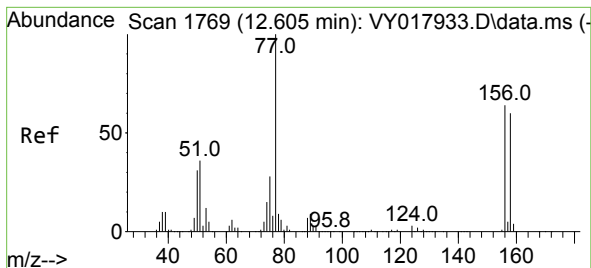
Tgt Ion: 75 Resp: 74860

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.995 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY018031.D

Acq: 24 Apr 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

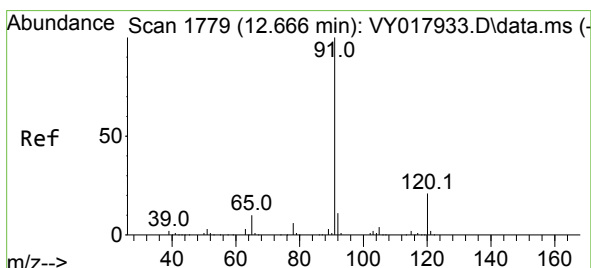
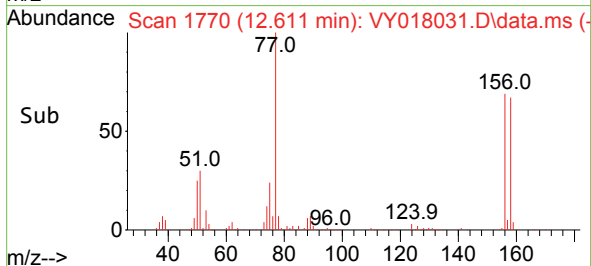
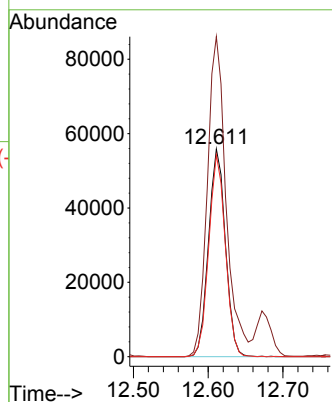
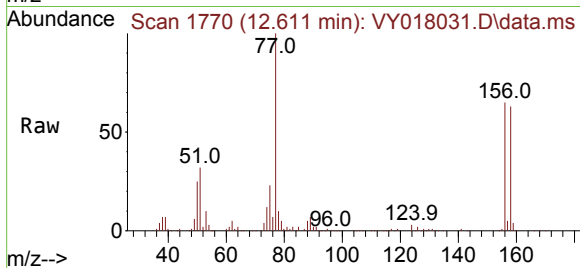
Tgt Ion:156 Resp: 87863

Ion Ratio Lower Upper

156 100

77 170.5 87.1 261.3

158 95.3 48.6 145.9



#78

n-propylbenzene

Concen: 22.657 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY018031.D

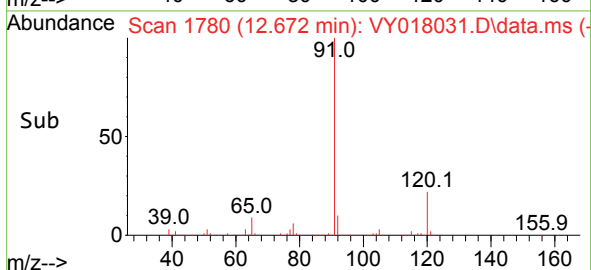
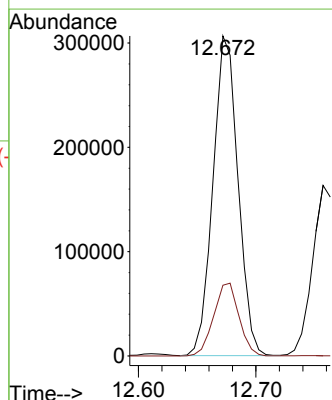
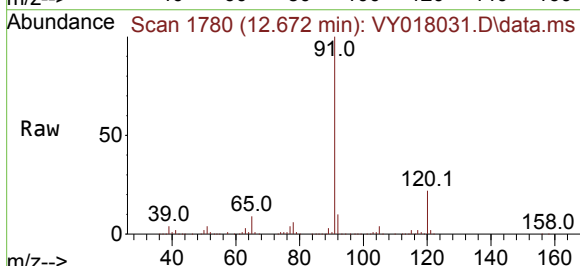
Acq: 24 Apr 2024 11:25

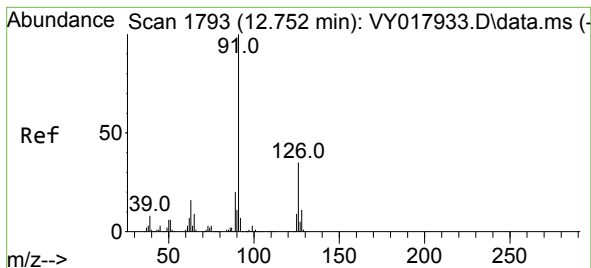
Tgt Ion: 91 Resp: 453788

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 22.534 ug/l

RT: 12.757 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VY018031.D

Acq: 24 Apr 2024 11:25

Instrument :

MSVOA_Y

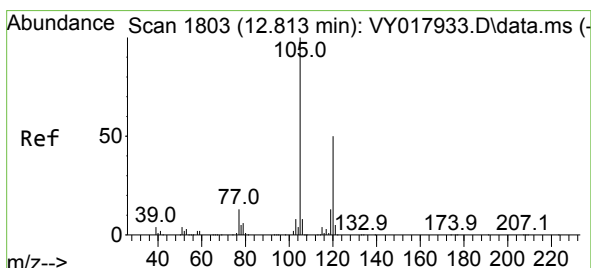
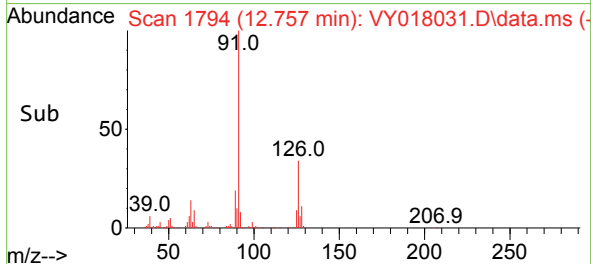
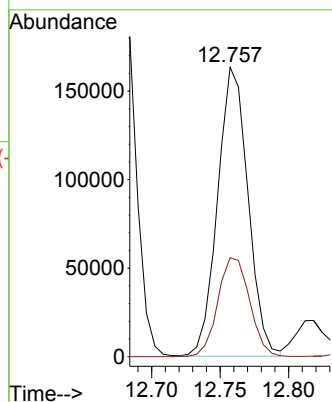
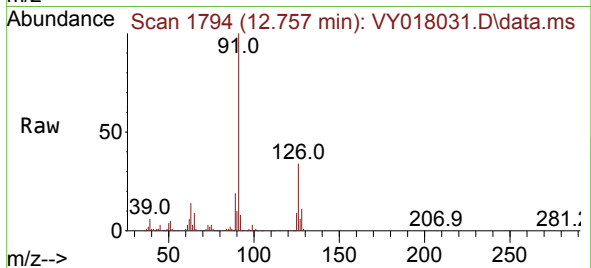
ClientSampleId :

Tgt Ion: 91 Resp: 252616

Ion Ratio Lower Upper

91 100

126 35.8 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 22.669 ug/l

RT: 12.818 min Scan# 1804

Delta R.T. 0.006 min

Lab File: VY018031.D

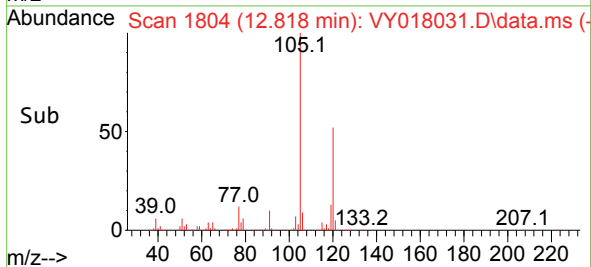
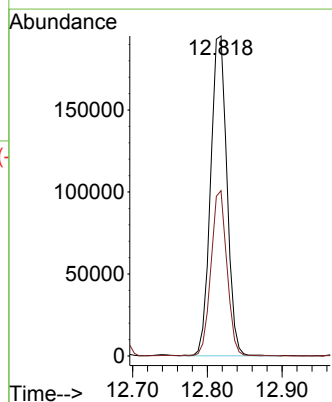
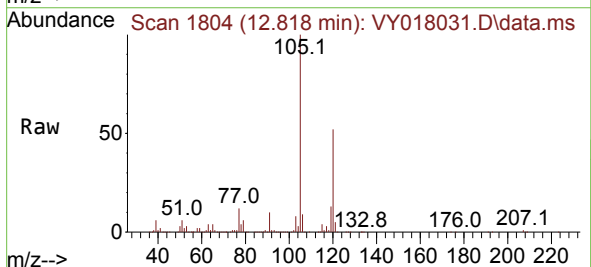
Acq: 24 Apr 2024 11:25

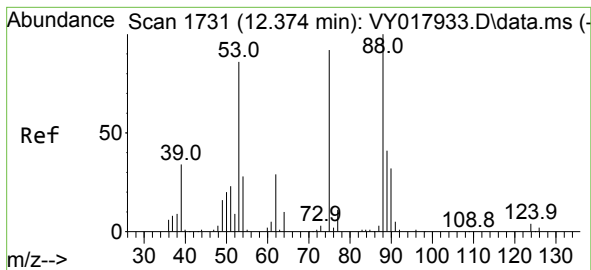
Tgt Ion: 105 Resp: 296725

Ion Ratio Lower Upper

105 100

120 50.1 25.1 75.2

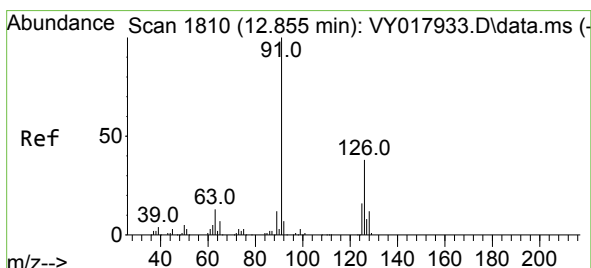
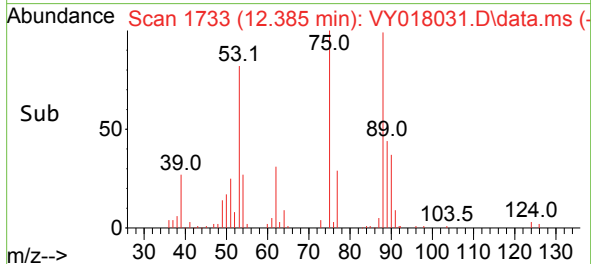
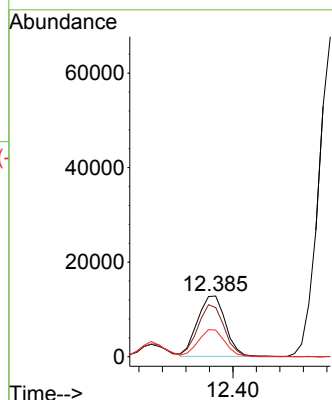
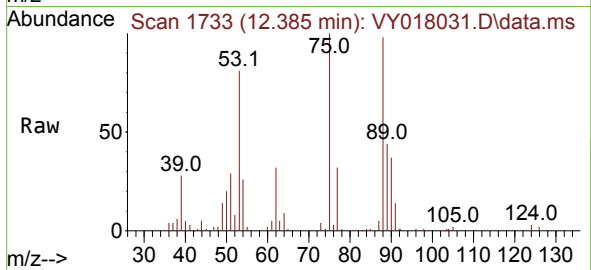




#81
trans-1,4-Dichloro-2-butene
Concen: 20.461 ug/l
RT: 12.385 min Scan# 1733
Delta R.T. 0.006 min
Lab File: VY018031.D
Acq: 24 Apr 2024 11:25

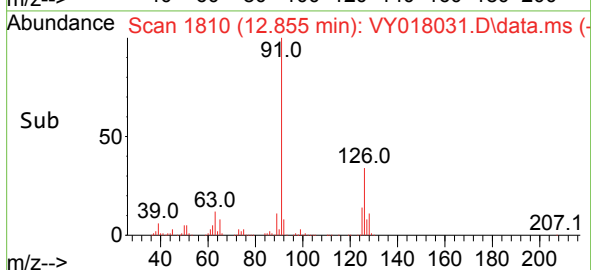
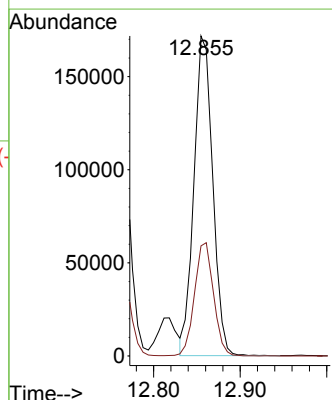
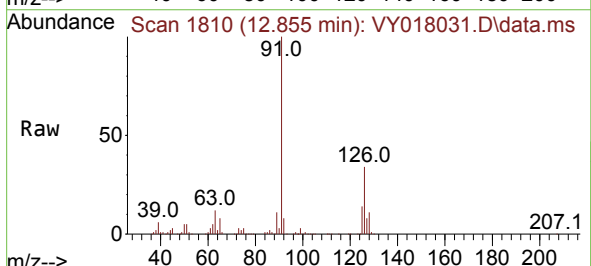
Instrument :
MSVOA_Y
ClientSampleId :

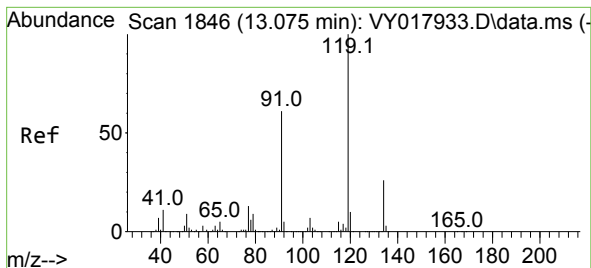
Tgt Ion: 75 Resp: 21096
Ion Ratio Lower Upper
75 100
53 82.1 66.8 100.2
89 42.9 35.8 53.6



#82
4-Chlorotoluene
Concen: 22.285 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY018031.D
Acq: 24 Apr 2024 11:25

Tgt Ion: 91 Resp: 258734
Ion Ratio Lower Upper
91 100
126 36.0 17.6 52.9





#83

tert-Butylbenzene

Concen: 22.506 ug/l

RT: 13.080 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VY018031.D

Acq: 24 Apr 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

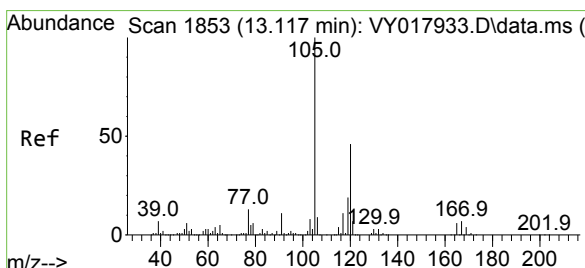
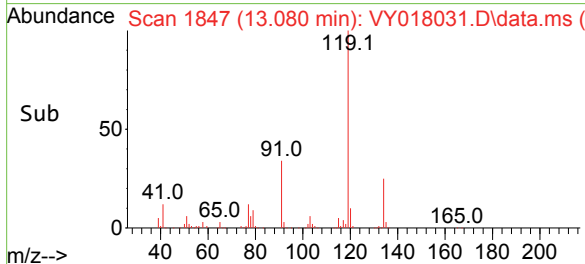
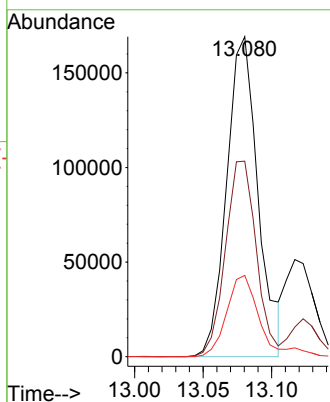
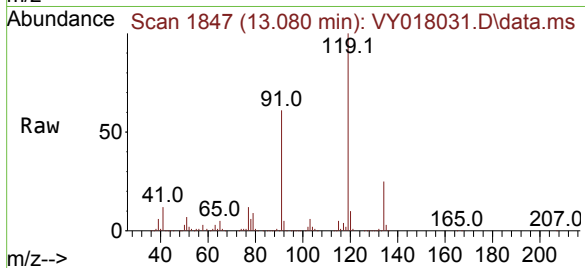
Tgt Ion:119 Resp: 269061

Ion Ratio Lower Upper

119 100

91 60.3 31.3 93.8

134 27.0 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 22.634 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY018031.D

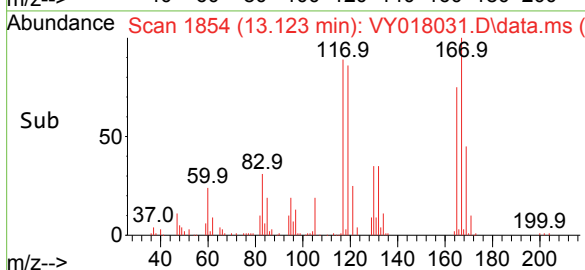
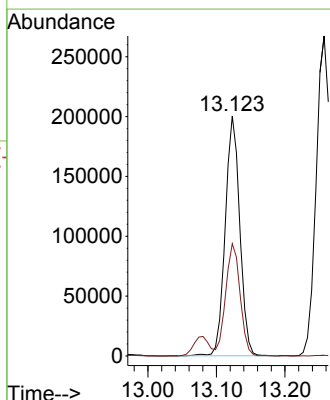
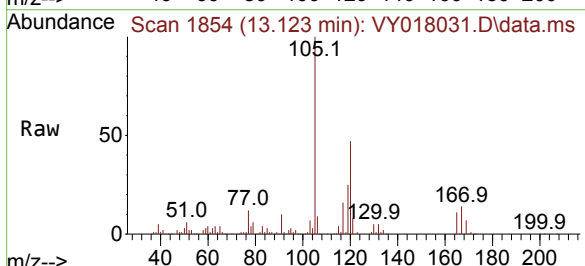
Acq: 24 Apr 2024 11:25

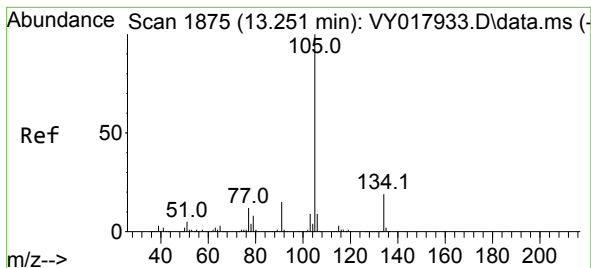
Tgt Ion:105 Resp: 295032

Ion Ratio Lower Upper

105 100

120 46.4 23.2 69.6





#85

sec-Butylbenzene

Concen: 22.261 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY018031.D

Acq: 24 Apr 2024 11:25

Instrument :

MSVOA_Y

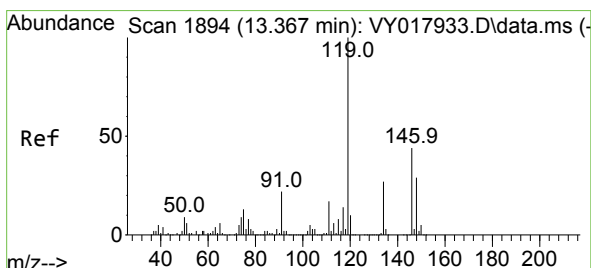
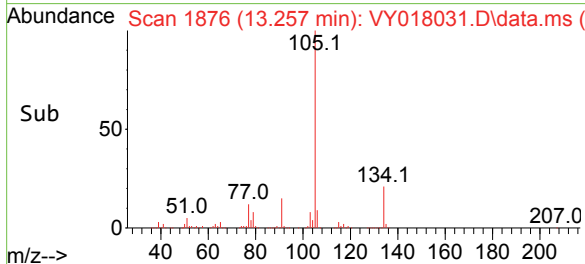
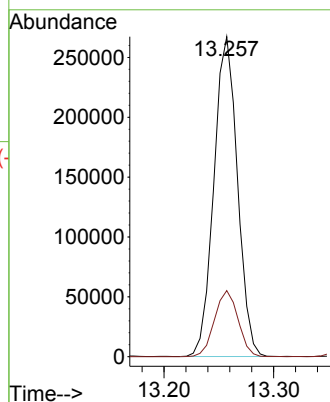
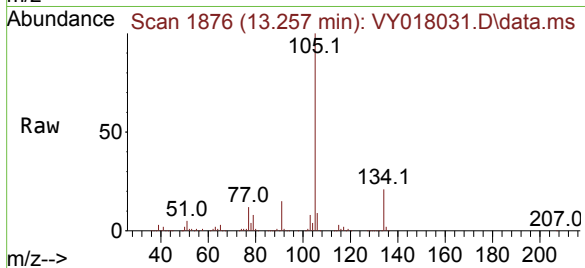
ClientSampleId :

Tgt Ion:105 Resp: 399734

Ion Ratio Lower Upper

105 100

134 20.7 10.1 30.1



#86

p-Isopropyltoluene

Concen: 22.489 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY018031.D

Acq: 24 Apr 2024 11:25

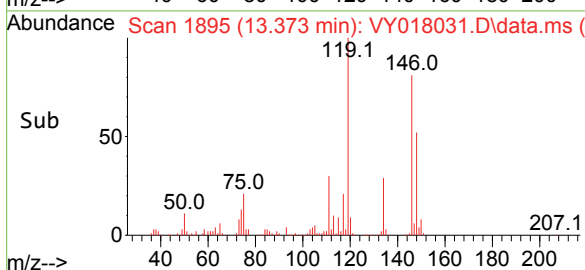
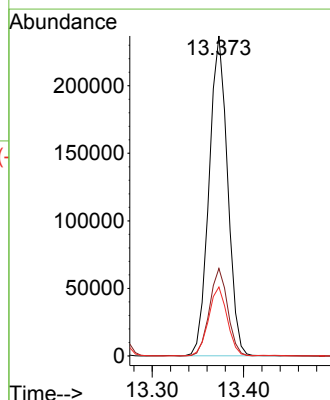
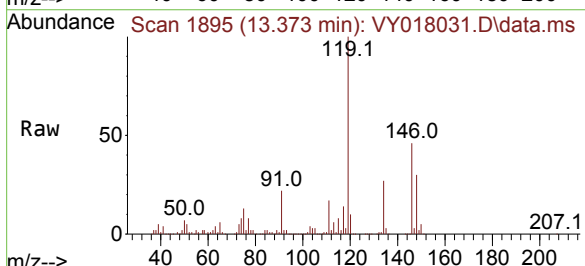
Tgt Ion:119 Resp: 331829

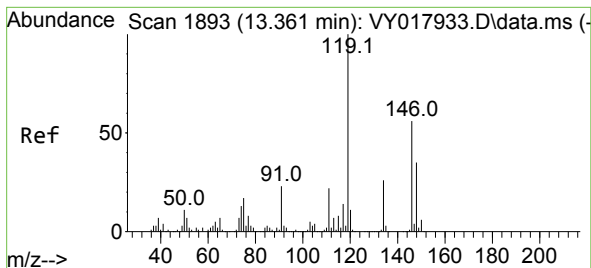
Ion Ratio Lower Upper

119 100

134 26.9 13.1 39.3

91 21.7 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 22.050 ug/l

RT: 13.373 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018031.D

Acq: 24 Apr 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

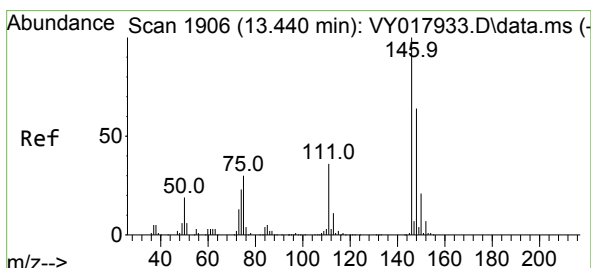
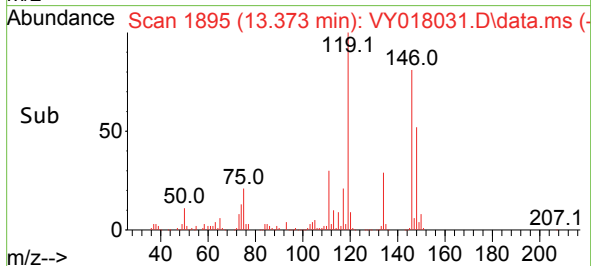
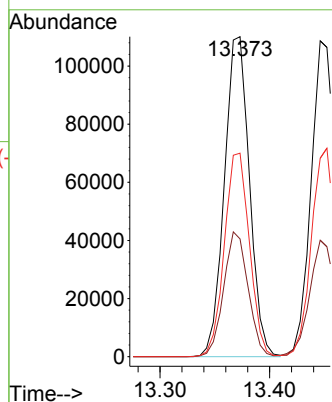
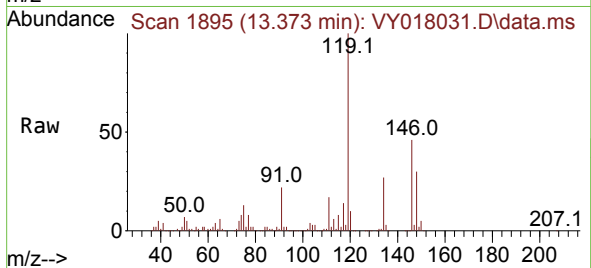
Tgt Ion:146 Resp: 174770

Ion Ratio Lower Upper

146 100

111 38.0 19.0 57.0

148 63.7 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 22.013 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY018031.D

Acq: 24 Apr 2024 11:25

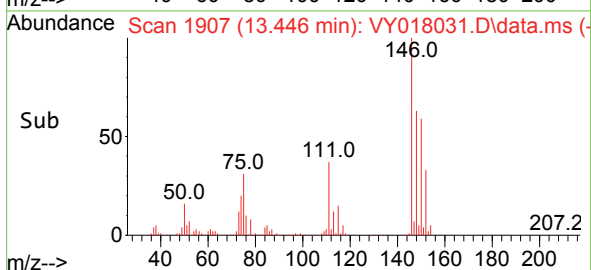
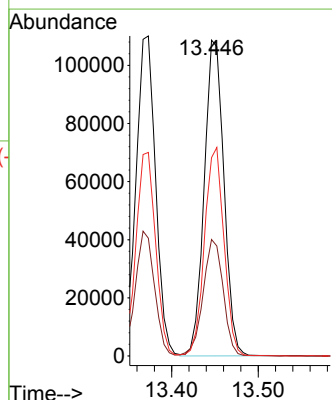
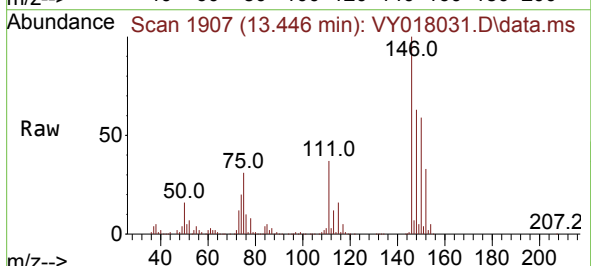
Tgt Ion:146 Resp: 171279

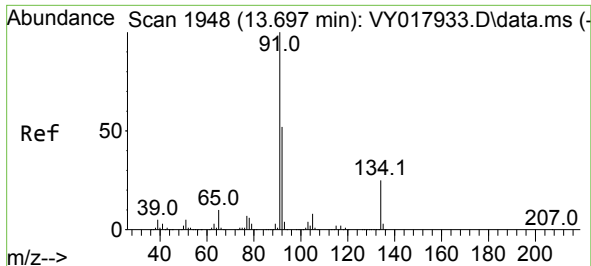
Ion Ratio Lower Upper

146 100

111 38.0 18.4 55.4

148 65.7 32.4 97.2

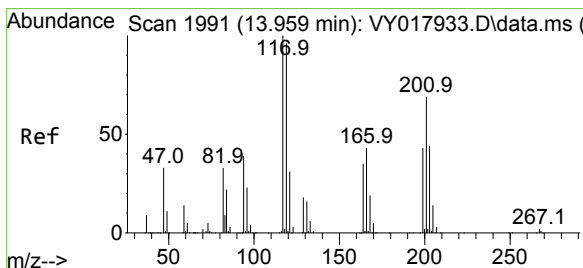
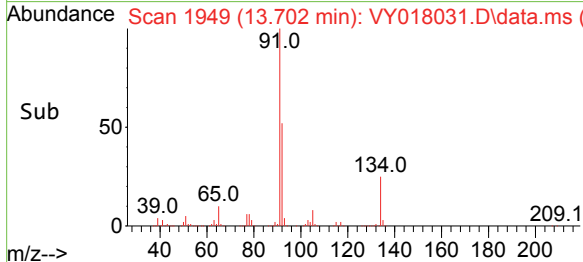
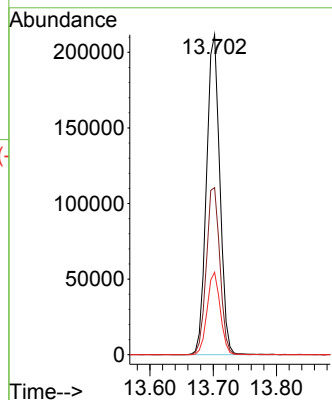
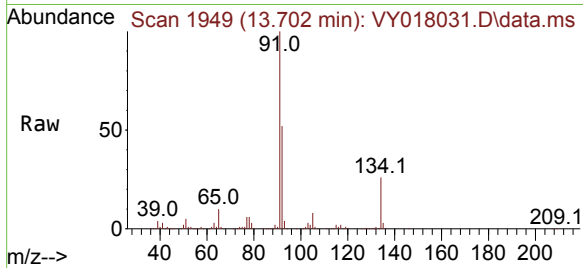




#89
n-Butylbenzene
Concen: 22.428 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY018031.D
Acq: 24 Apr 2024 11:25

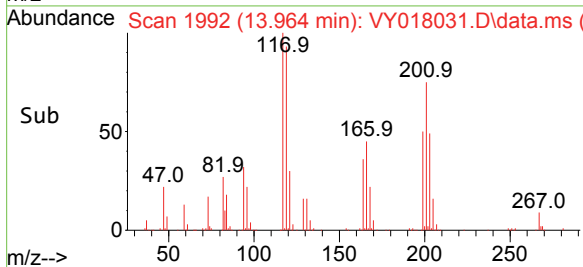
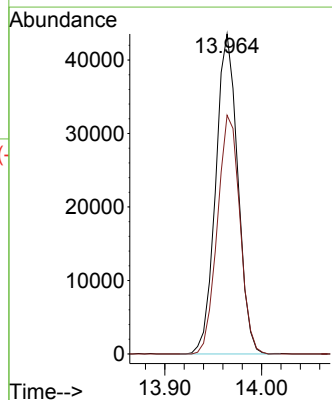
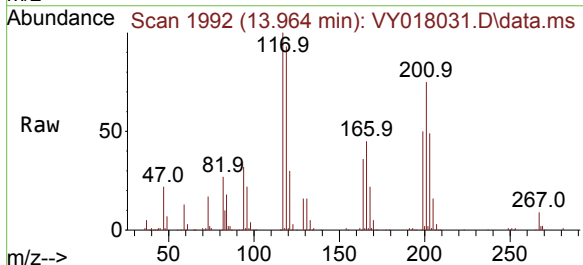
Instrument :
MSVOA_Y
ClientSampleId :

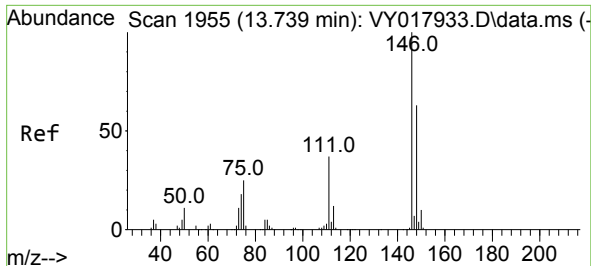
Tgt Ion: 91 Resp: 311336
Ion Ratio Lower Upper
91 100
92 53.1 26.6 79.7
134 25.3 12.9 38.7



#90
Hexachloroethane
Concen: 22.783 ug/l
RT: 13.964 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY018031.D
Acq: 24 Apr 2024 11:25

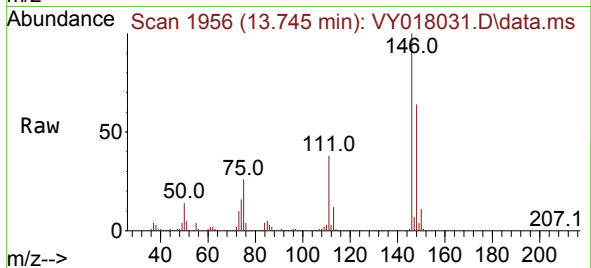
Tgt Ion: 117 Resp: 68932
Ion Ratio Lower Upper
117 100
201 76.0 37.4 112.2



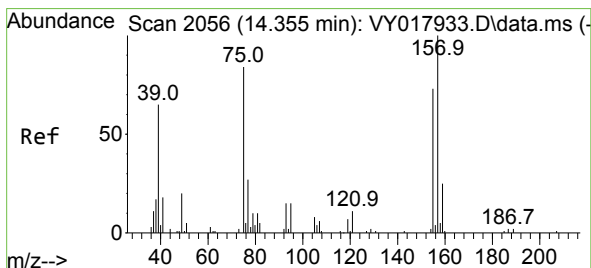
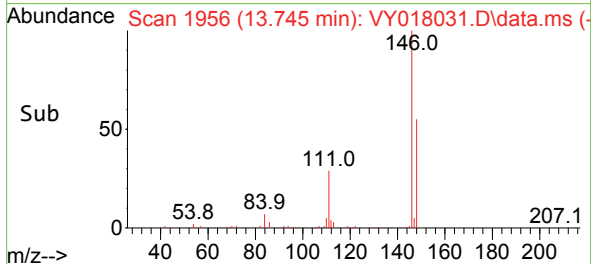
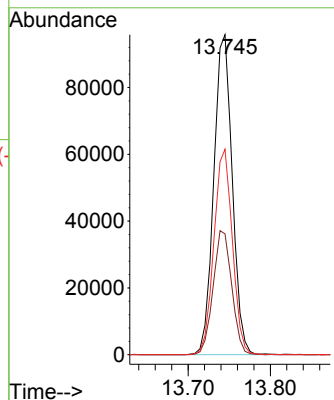


#91
1,2-Dichlorobenzene
Concen: 21.858 ug/l
RT: 13.745 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY018031.D
Acq: 24 Apr 2024 11:25

Instrument :
MSVOA_Y
ClientSampleId :

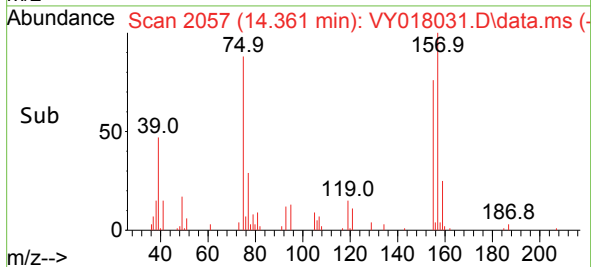
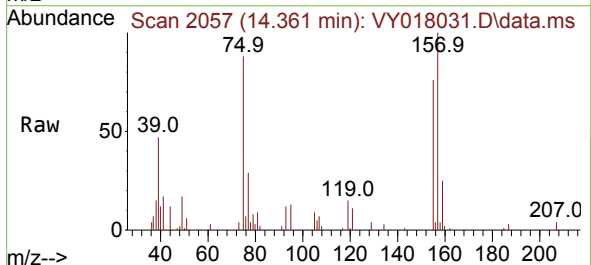
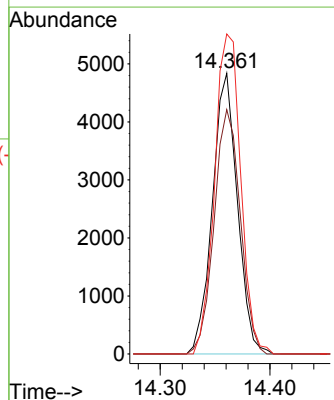


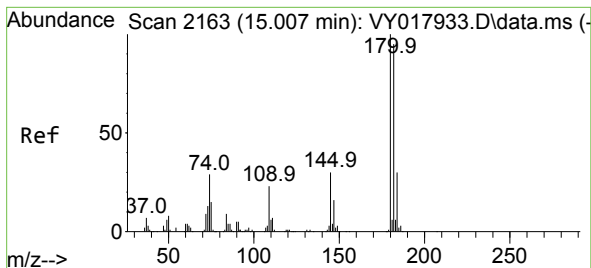
Tgt Ion:146 Resp: 149467
Ion Ratio Lower Upper
146 100
111 39.1 19.9 59.7
148 64.1 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.368 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY018031.D
Acq: 24 Apr 2024 11:25

Tgt Ion: 75 Resp: 7670
Ion Ratio Lower Upper
75 100
155 91.0 48.6 145.8
157 119.4 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 20.888 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY018031.D

Acq: 24 Apr 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

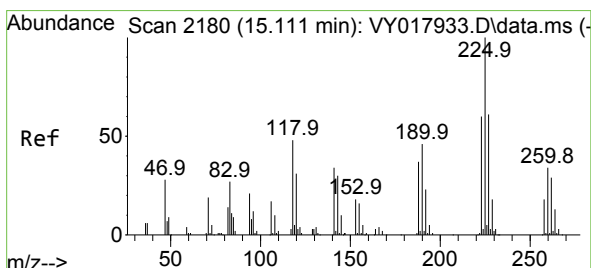
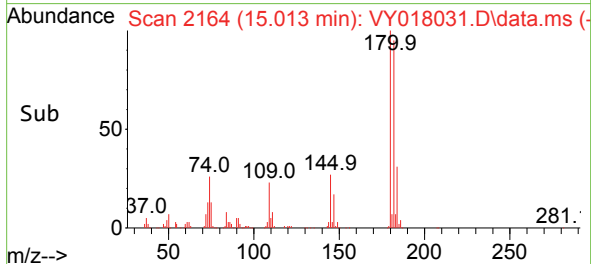
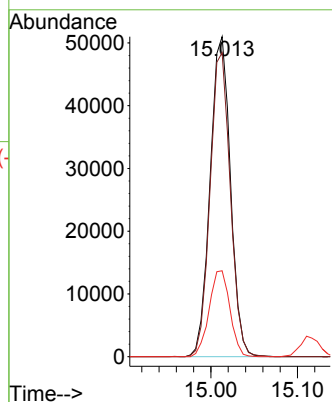
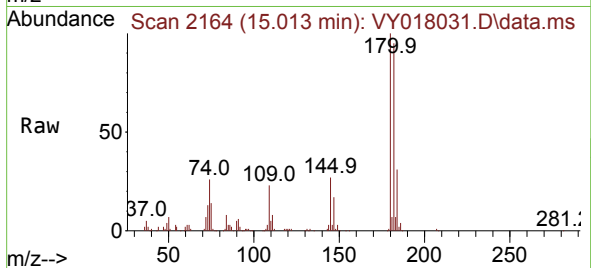
Tgt Ion:180 Resp: 83176

Ion Ratio Lower Upper

180 100

182 94.4 47.9 143.8

145 27.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 21.923 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY018031.D

Acq: 24 Apr 2024 11:25

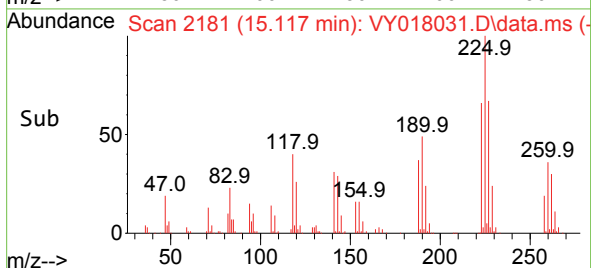
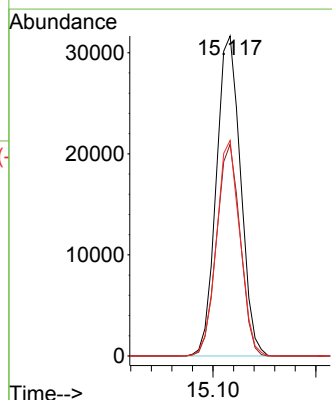
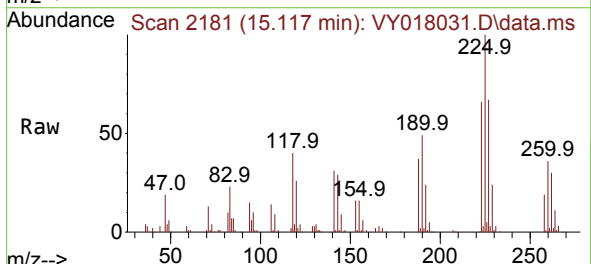
Tgt Ion:225 Resp: 51788

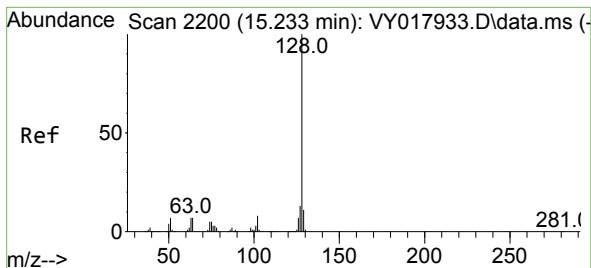
Ion Ratio Lower Upper

225 100

223 64.3 30.4 91.2

227 65.1 31.9 95.9





#95

Naphthalene

Concen: 18.450 ug/l

RT: 15.238 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY018031.D

Acq: 24 Apr 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

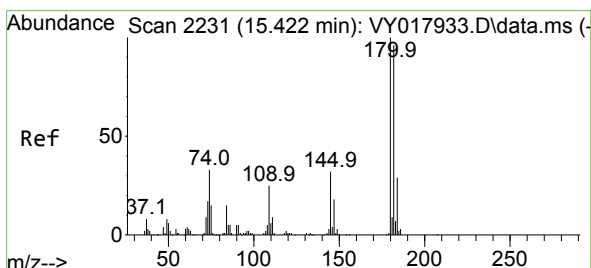
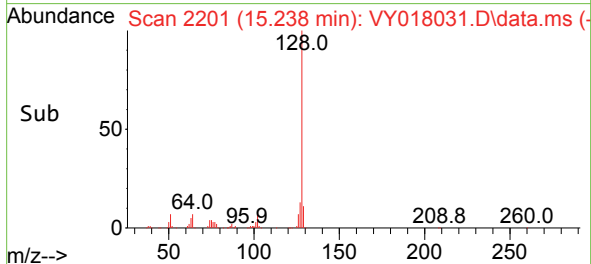
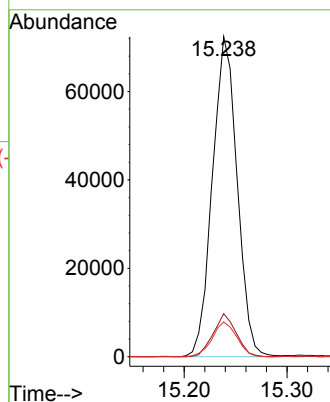
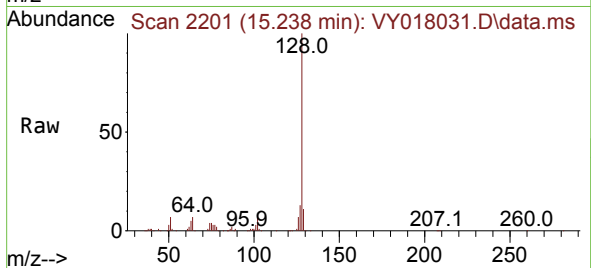
Tgt Ion:128 Resp: 121067

Ion Ratio Lower Upper

128 100

127 12.5 10.6 16.0

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.550 ug/l

RT: 15.427 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY018031.D

Acq: 24 Apr 2024 11:25

Tgt Ion:180 Resp: 68666

Ion Ratio Lower Upper

180 100

182 97.1 47.6 142.9

145 29.6 15.4 46.1

