

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042524\
 Data File : VY018044.D
 Acq On : 25 Apr 2024 12:21
 Operator : SY/MD
 Sample : VY0425SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 26 01:59:37 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	7.795	168	380935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	601095	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	535258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	266070	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	172950	52.465	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.920%	
35) Dibromofluoromethane	7.722	113	194978	52.578	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.160%	
50) Toluene-d8	10.185	98	782780	55.629	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.260%	
62) 4-Bromofluorobenzene	12.483	95	244359	56.072	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.140%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	69392	22.962	ug/l	99
3) Chloromethane	2.113	50	82409	16.457	ug/l	97
4) Vinyl Chloride	2.253	62	94748	16.787	ug/l	97
5) Bromomethane	2.649	94	71107	18.928	ug/l	94
6) Chloroethane	2.796	64	61764	17.334	ug/l	99
7) Trichlorofluoromethane	3.125	101	125860	19.787	ug/l	97
8) Diethyl Ether	3.533	74	42518	21.153	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.899	101	78964	19.935	ug/l	96
10) Methyl Iodide	4.094	142	111543	21.166	ug/l	98
11) Tert butyl alcohol	4.966	59	27414	107.903	ug/l #	83
12) 1,1-Dichloroethene	3.875	96	79864	20.769	ug/l	100
13) Acrolein	3.735	56	35878	139.747	ug/l	97
14) Allyl chloride	4.485	41	103556	20.810	ug/l	92
15) Acrylonitrile	5.167	53	91196	111.745	ug/l	100
16) Acetone	3.954	43	63188	97.010	ug/l	91
17) Carbon Disulfide	4.198	76	224344	18.339	ug/l	100
18) Methyl Acetate	4.485	43	37765	22.039	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	182263	21.748	ug/l	100
20) Methylene Chloride	4.716	84	102119	23.141	ug/l	97
21) trans-1,2-Dichloroethene	5.222	96	87402	20.748	ug/l	97
22) Diisopropyl ether	6.124	45	242101	22.192	ug/l	99
23) Vinyl Acetate	6.064	43	702460	108.585	ug/l	99
24) 1,1-Dichloroethane	6.021	63	152262	21.376	ug/l	98
25) 2-Butanone	6.990	43	105260	109.943	ug/l	94
26) 2,2-Dichloropropane	6.984	77	122562	21.447	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	103257	21.463	ug/l	100
28) Bromochloromethane	7.338	49	57637	20.571	ug/l	97
29) Tetrahydrofuran	7.356	42	67184	110.579	ug/l	98
30) Chloroform	7.508	83	157809	21.678	ug/l	98
31) Cyclohexane	7.789	56	121141	19.226	ug/l	97
32) 1,1,1-Trichloroethane	7.703	97	130709	21.557	ug/l	99
36) 1,1-Dichloropropene	7.917	75	109519	20.307	ug/l	99
37) Ethyl Acetate	7.076	43	49565	22.338	ug/l #	98
38) Carbon Tetrachloride	7.905	117	115660	21.227	ug/l	93
39) Methylcyclohexane	9.185	83	132470	18.849	ug/l	97
40) Benzene	8.167	78	362313	21.448	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	21453	15.323	ug/l	88
42) 1,2-Dichloroethane	8.240	62	82792	21.390	ug/l	99
43) Isopropyl Acetate	8.277	43	88594	21.420	ug/l	100
44) Trichloroethene	8.941	130	95773	22.311	ug/l	99
45) 1,2-Dichloropropane	9.221	63	83529	21.480	ug/l	99
46) Dibromomethane	9.307	93	46792	21.754	ug/l	93
47) Bromodichloromethane	9.502	83	118257	21.914	ug/l	97
48) Methyl methacrylate	9.295	41	41575	21.936	ug/l	96
49) 1,4-Dioxane	9.307	88	11267	458.842	ug/l #	96
51) 4-Methyl-2-Pentanone	10.075	43	249409	113.749	ug/l	99
52) Toluene	10.246	92	228968	22.088	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	109219	22.169	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	132704	21.927	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	68517	23.433	ug/l	98
56) Ethyl methacrylate	10.514	69	83941	22.021	ug/l	98
57) 1,3-Dichloropropane	10.794	76	110143	22.246	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	192575	97.189	ug/l	100
59) 2-Hexanone	10.837	43	173488	115.909	ug/l	98
60) Dibromochloromethane	10.989	129	86990	23.149	ug/l	99
61) 1,2-Dibromoethane	11.093	107	61031	22.397	ug/l	99
64) Tetrachloroethene	10.721	164	84197	21.959	ug/l	98
65) Chlorobenzene	11.520	112	256428	21.859	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	86210	22.287	ug/l	98
67) Ethyl Benzene	11.593	91	424994	21.516	ug/l	100
68) m/p-Xylenes	11.703	106	332196	43.788	ug/l	99
69) o-Xylene	12.032	106	155393	21.933	ug/l	100
70) Styrene	12.044	104	269967	22.546	ug/l	99
71) Bromoform	12.209	173	52421	23.455	ug/l #	98
73) Isopropylbenzene	12.331	105	405665	20.924	ug/l	98
74) N-amyl acetate	12.148	43	81707	20.877	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	78557	21.726	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	93147	37.307	ug/l #	100
77) Bromobenzene	12.611	156	103794	22.123	ug/l	96
78) n-propylbenzene	12.672	91	495160	21.050	ug/l	99
79) 2-Chlorotoluene	12.757	91	276752	21.020	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	330174	21.477	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	25731	21.249	ug/l	98
82) 4-Chlorotoluene	12.855	91	284201	20.842	ug/l	96
83) tert-Butylbenzene	13.081	119	294033	20.941	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	327884	21.417	ug/l	99
85) sec-Butylbenzene	13.257	105	439546	20.842	ug/l	97
86) p-Isopropyltoluene	13.373	119	369031	21.295	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	203816	21.895	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	200078	21.894	ug/l	99
89) n-Butylbenzene	13.696	91	333701	20.468	ug/l	99
90) Hexachloroethane	13.965	117	76139	21.427	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	177283	22.075	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9783	21.034	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	99564	21.289	ug/l	100
94) Hexachlorobutadiene	15.117	225	60349	21.752	ug/l	99
95) Naphthalene	15.239	128	166195	21.564	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	86904	22.145	ug/l	99

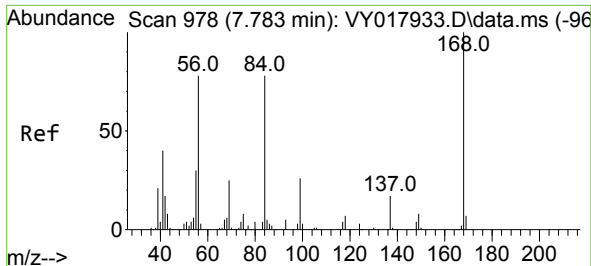
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042524\
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Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:24:42 2024
Response via : Initial Calibration

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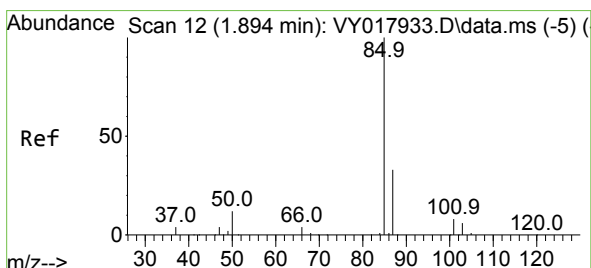
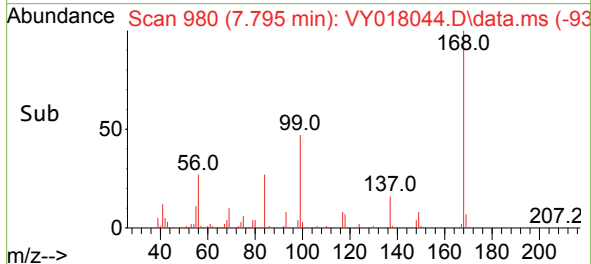
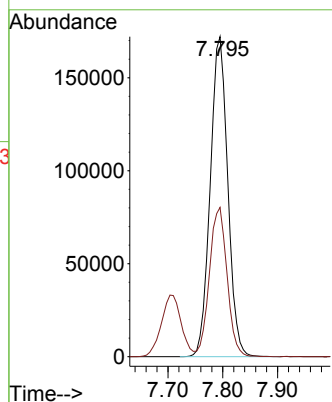
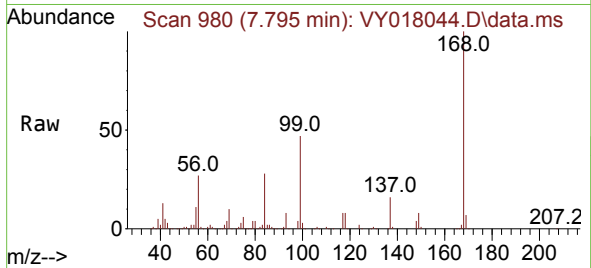
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018044.D
Acq: 25 Apr 2024 12:21

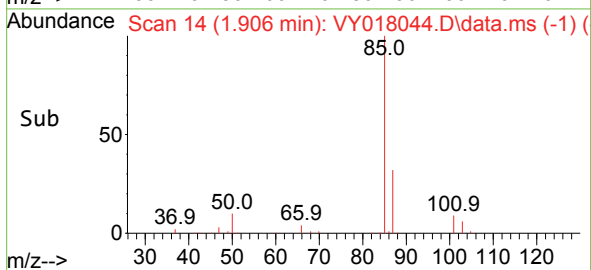
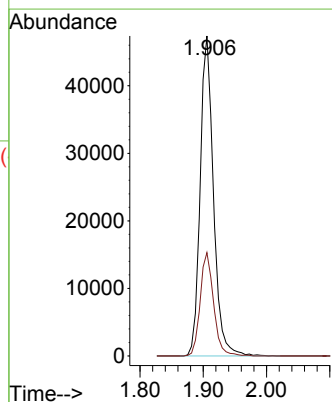
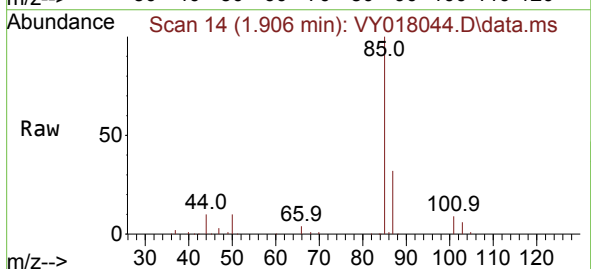
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ClientSampleId :

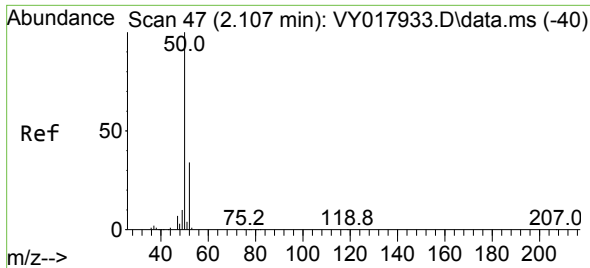
Tgt Ion:168 Resp: 380935
Ion Ratio Lower Upper
168 100
99 46.6 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 22.962 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY018044.D
Acq: 25 Apr 2024 12:21

Tgt Ion: 85 Resp: 69392
Ion Ratio Lower Upper
85 100
87 32.3 16.0 48.0

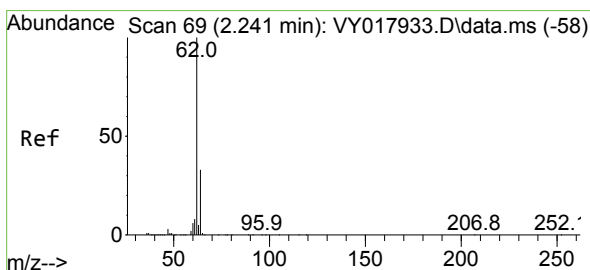
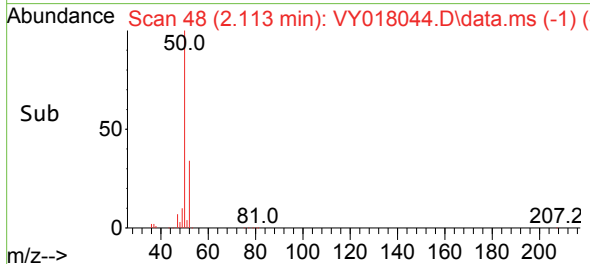
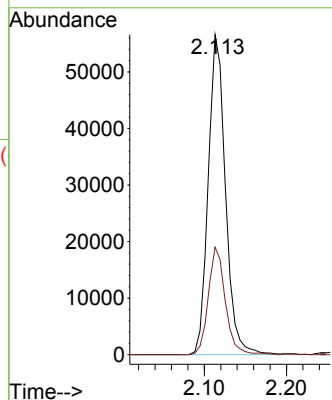
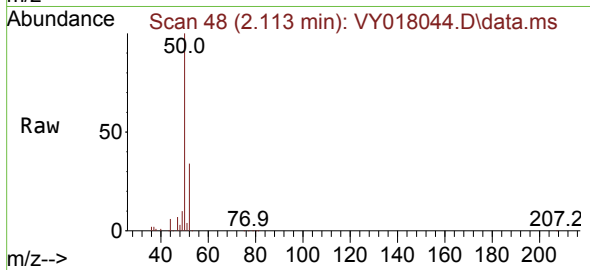




#3
Chloromethane
Concen: 16.457 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018044.D
Acq: 25 Apr 2024 12:21

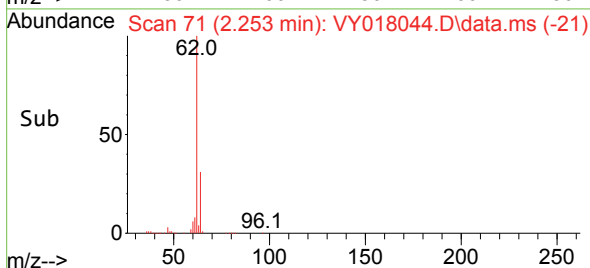
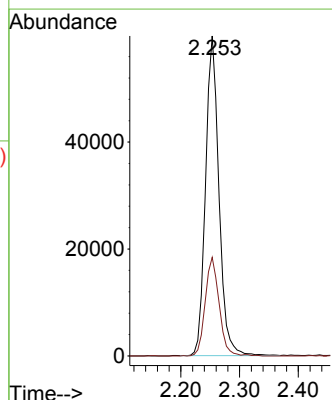
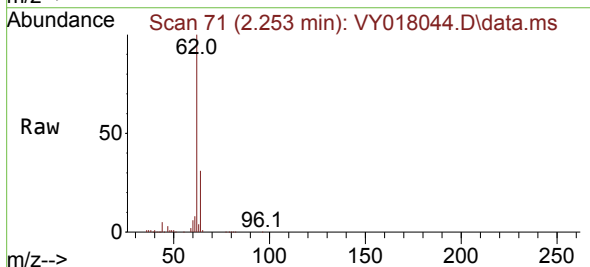
Instrument :
MSVOA_Y
ClientSampleId :

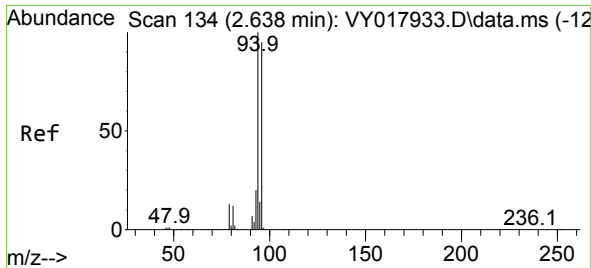
Tgt Ion: 50 Resp: 82409
Ion Ratio Lower Upper
50 100
52 33.6 25.6 38.4



#4
Vinyl Chloride
Concen: 16.787 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY018044.D
Acq: 25 Apr 2024 12:21

Tgt Ion: 62 Resp: 94748
Ion Ratio Lower Upper
62 100
64 30.9 26.1 39.1

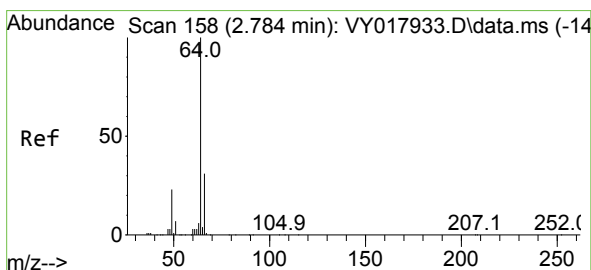
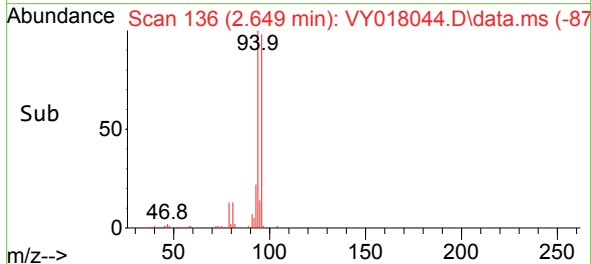
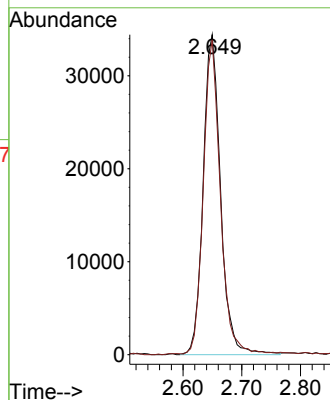
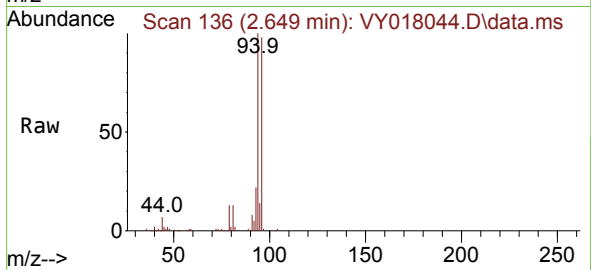




#5
Bromomethane
Concen: 18.928 ug/l
RT: 2.649 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018044.D
Acq: 25 Apr 2024 12:21

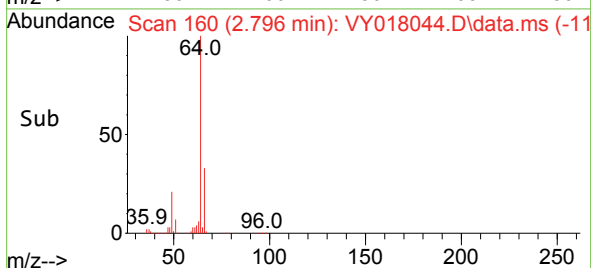
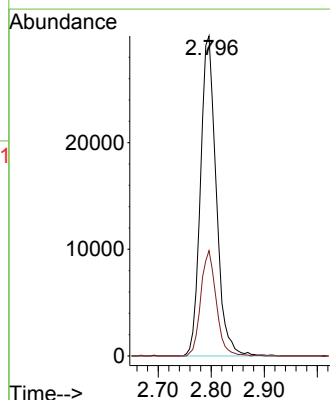
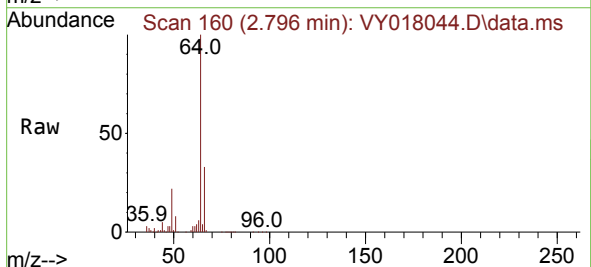
Instrument :
MSVOA_Y
ClientSampleId :

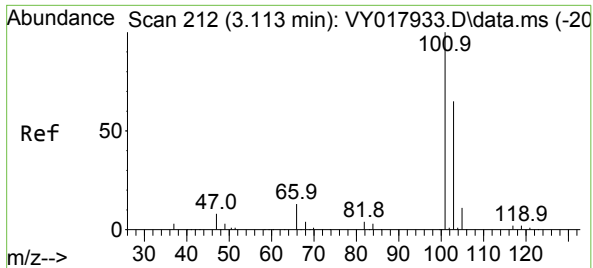
Tgt Ion: 94 Resp: 71107
Ion Ratio Lower Upper
94 100
96 98.1 74.1 111.1



#6
Chloroethane
Concen: 17.334 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY018044.D
Acq: 25 Apr 2024 12:21

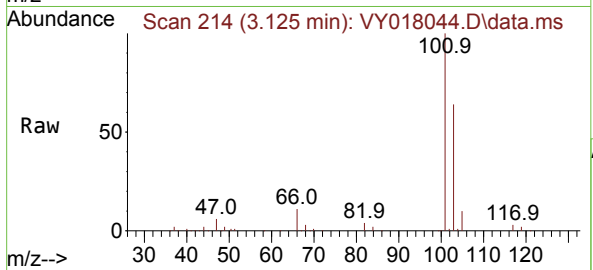
Tgt Ion: 64 Resp: 61764
Ion Ratio Lower Upper
64 100
66 32.9 26.1 39.1



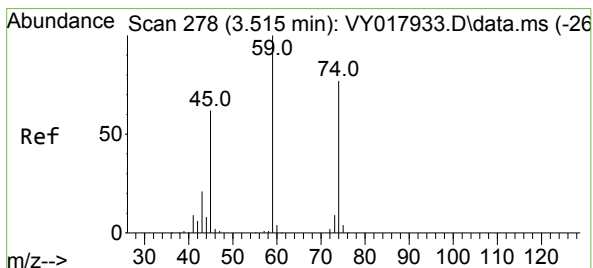
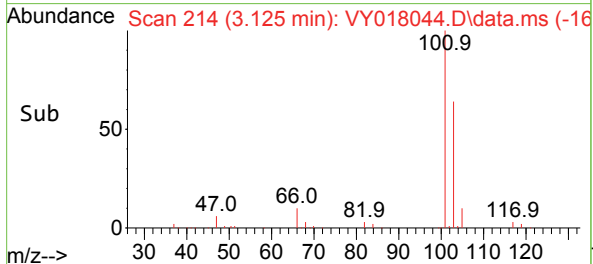
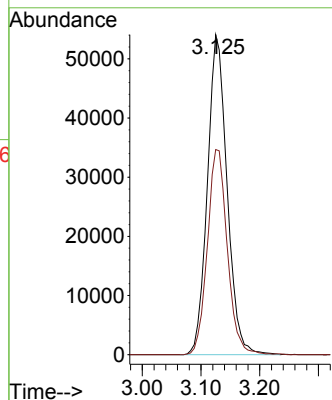


#7
 Trichlorofluoromethane
 Concen: 19.787 ug/l
 RT: 3.125 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VY018044.D
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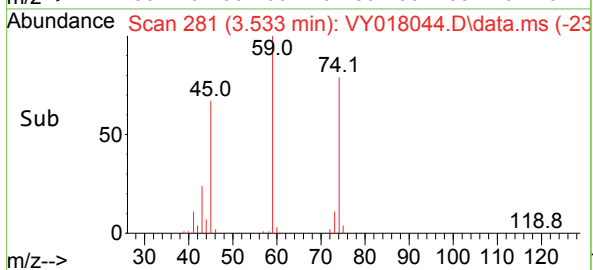
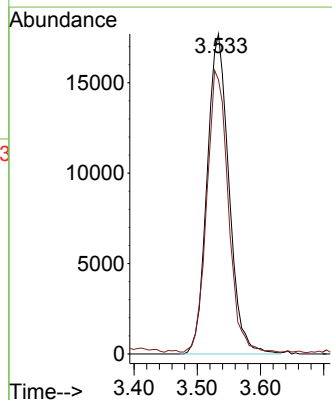
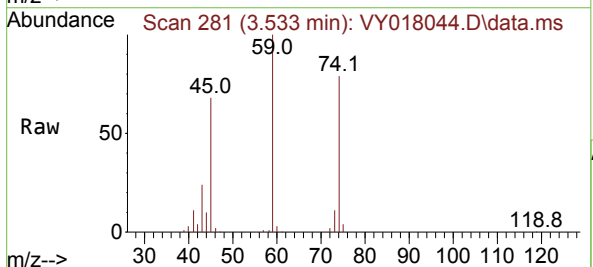


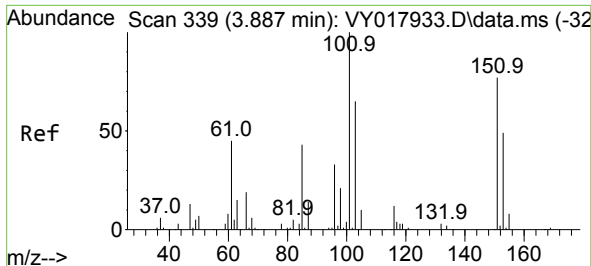
Tgt Ion:101 Resp: 125860
 Ion Ratio Lower Upper
 101 100
 103 64.1 49.3 73.9



#8
 Diethyl Ether
 Concen: 21.153 ug/l
 RT: 3.533 min Scan# 281
 Delta R.T. 0.006 min
 Lab File: VY018044.D
 Acq: 25 Apr 2024 12:21

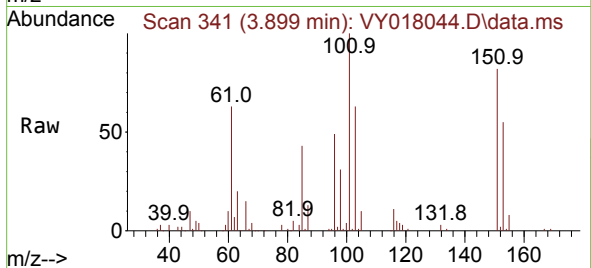
Tgt Ion: 74 Resp: 42518
 Ion Ratio Lower Upper
 74 100
 45 86.1 41.3 124.1



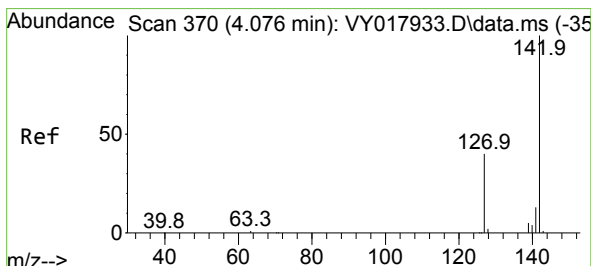
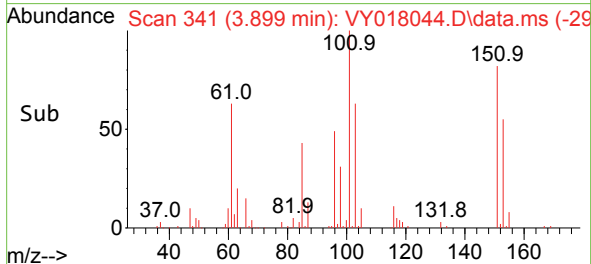
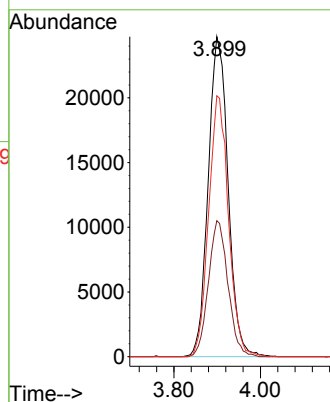


#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.935 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY018044.D
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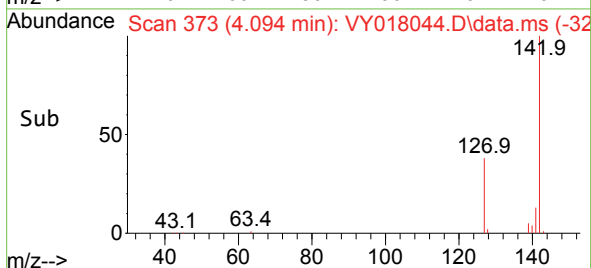
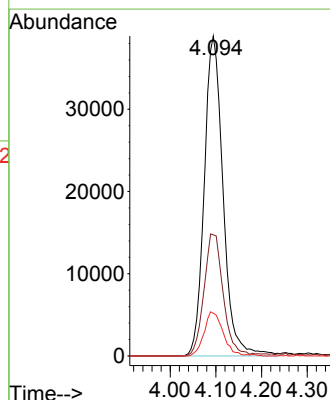
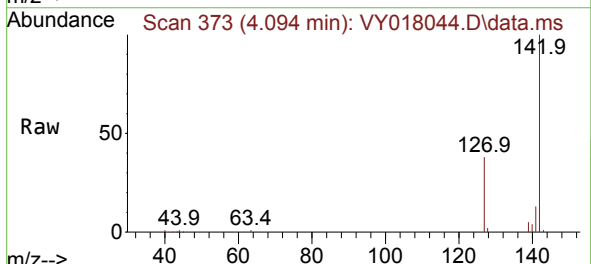


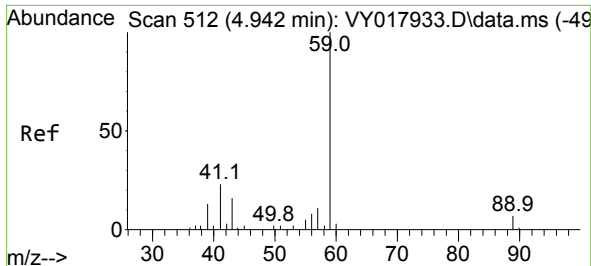
Tgt Ion:101 Resp: 78964
Ion Ratio Lower Upper
101 100
85 41.8 34.5 51.7
151 81.2 61.7 92.5



#10
Methyl Iodide
Concen: 21.166 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY018044.D
Acq: 25 Apr 2024 12:21

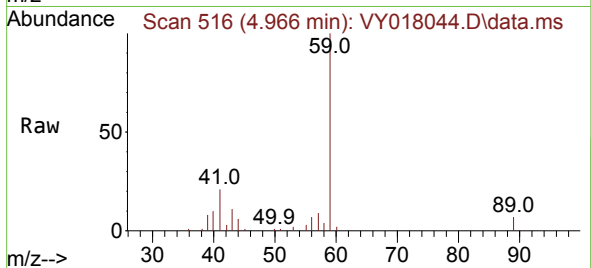
Tgt Ion:142 Resp: 111543
Ion Ratio Lower Upper
142 100
127 39.5 32.8 49.2
141 13.8 11.4 17.2



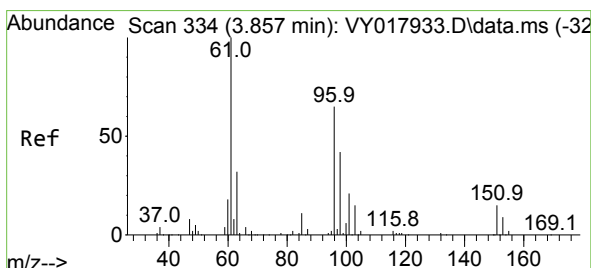
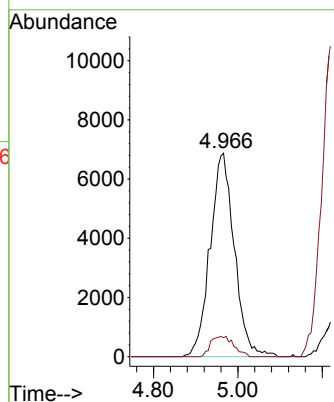
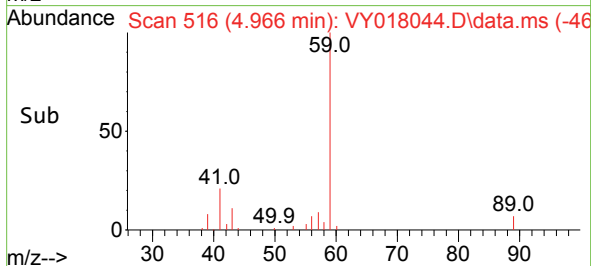


#11
Tert butyl alcohol
Concen: 107.903 ug/l
RT: 4.966 min Scan# 512
Delta R.T. 0.012 min
Lab File: VY018044.D
Acq: 25 Apr 2024 12:21

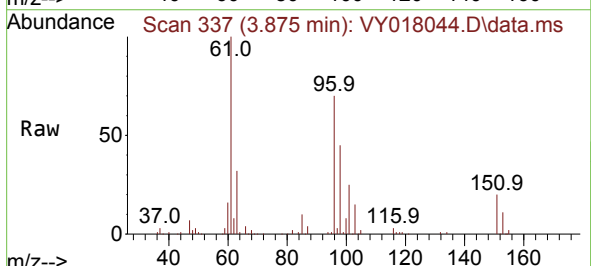
Instrument :
MSVOA_Y
ClientSampleId :



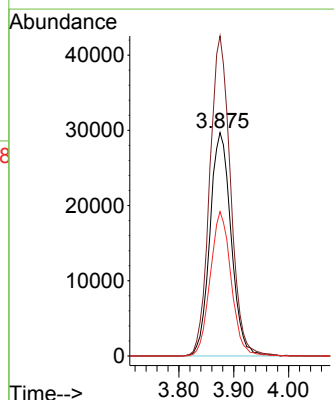
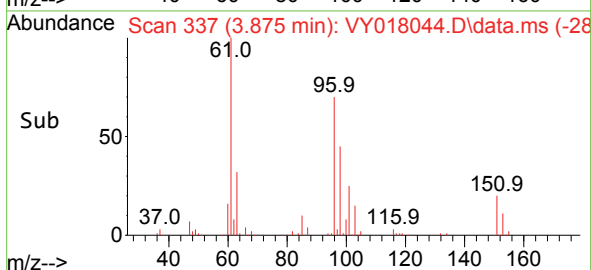
Tgt Ion: 59 Resp: 27414
Ion Ratio Lower Upper
59 100
57 9.5 3.0 4.6#

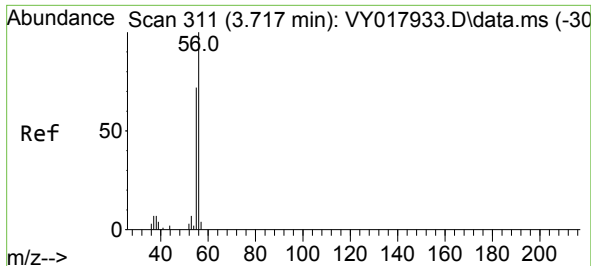


#12
1,1-Dichloroethene
Concen: 20.769 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY018044.D
Acq: 25 Apr 2024 12:21



Tgt Ion: 96 Resp: 79864
Ion Ratio Lower Upper
96 100
61 143.3 114.6 171.8
98 64.6 50.8 76.2





#13

Acrolein

Concen: 139.747 ug/l

RT: 3.735 min Scan# 311

Delta R.T. 0.006 min

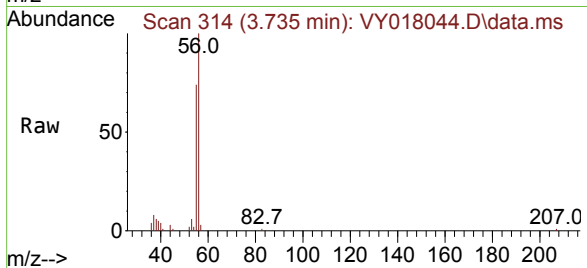
Lab File: VY018044.D

Acq: 25 Apr 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

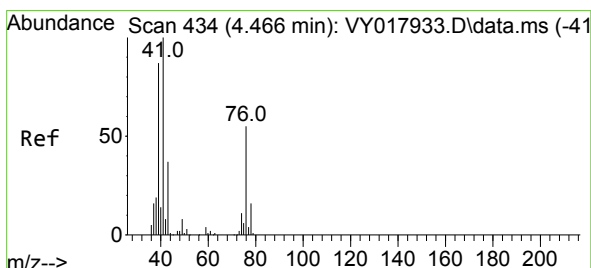
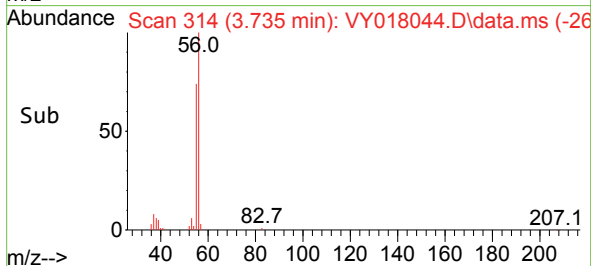
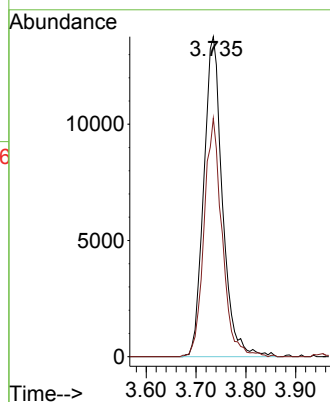


Tgt Ion: 56 Resp: 35878

Ion Ratio Lower Upper

56 100

55 71.9 55.7 83.5



#14

Allyl chloride

Concen: 20.810 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY018044.D

Acq: 25 Apr 2024 12:21

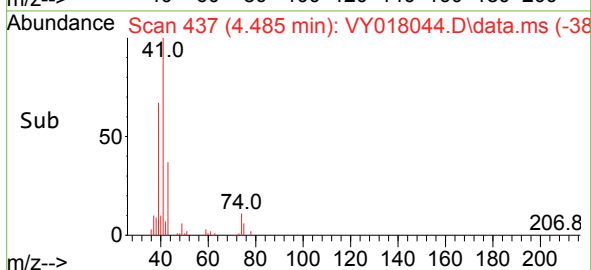
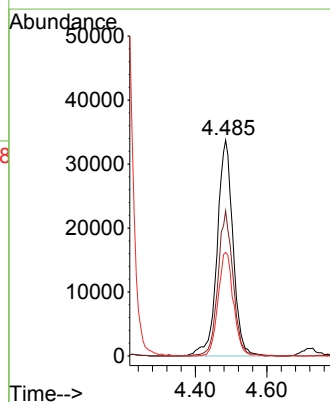
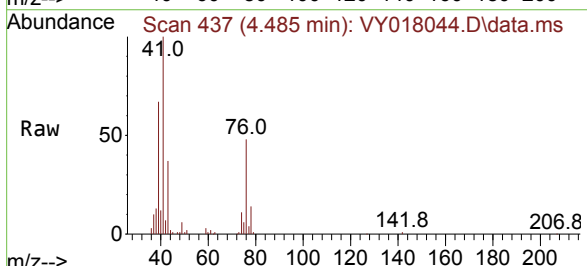
Tgt Ion: 41 Resp: 103556

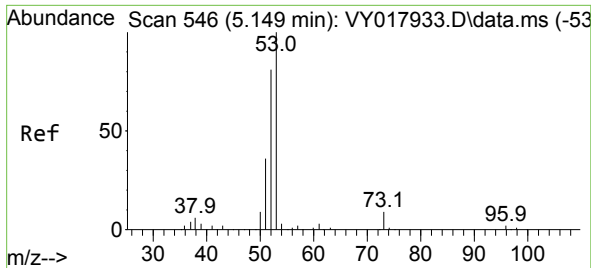
Ion Ratio Lower Upper

41 100

39 63.9 58.3 87.5

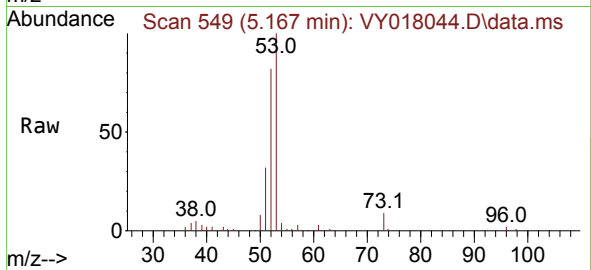
76 46.3 39.0 58.6



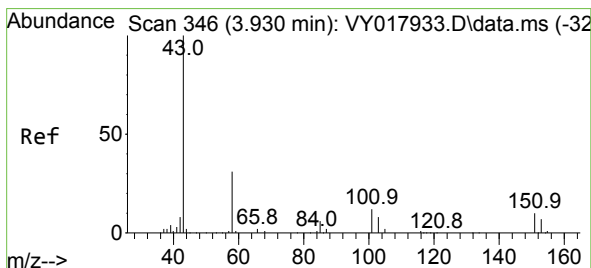
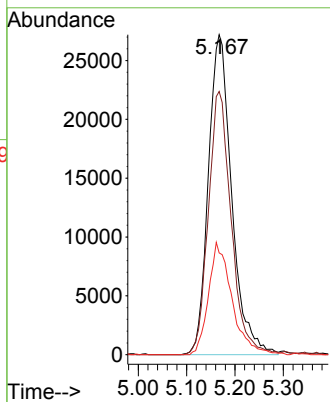
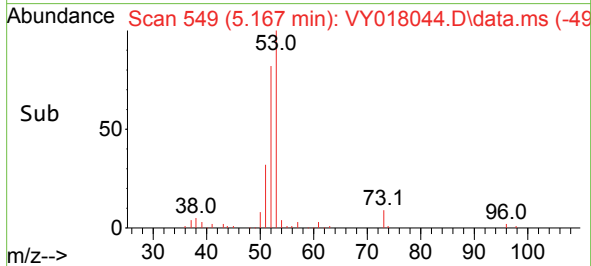


#15
Acrylonitrile
Concen: 111.745 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY018044.D
Acq: 25 Apr 2024 12:21

Instrument :
MSVOA_Y
ClientSampleId :

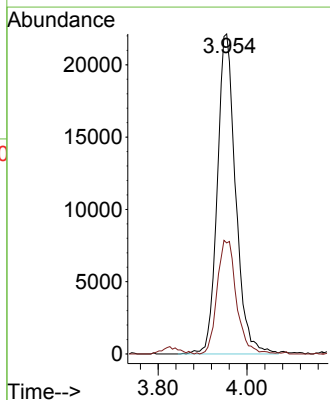
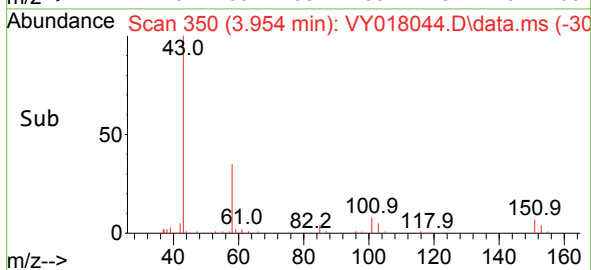
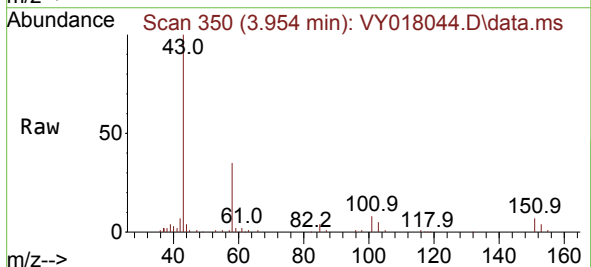


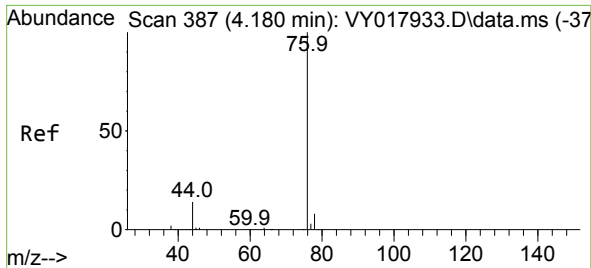
Tgt Ion: 53 Resp: 91196
Ion Ratio Lower Upper
53 100
52 80.5 64.7 97.1
51 35.3 28.4 42.6



#16
Acetone
Concen: 97.010 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY018044.D
Acq: 25 Apr 2024 12:21

Tgt Ion: 43 Resp: 63188
Ion Ratio Lower Upper
43 100
58 34.3 31.7 47.5

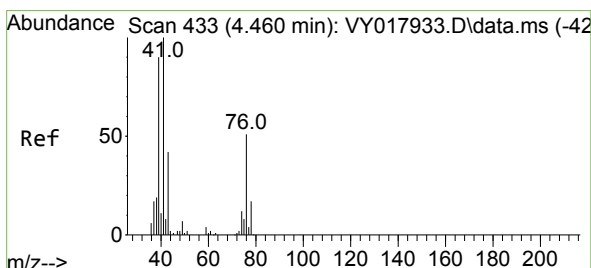
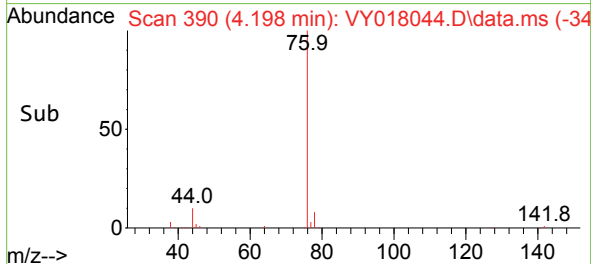
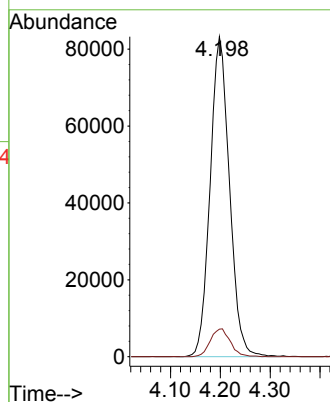
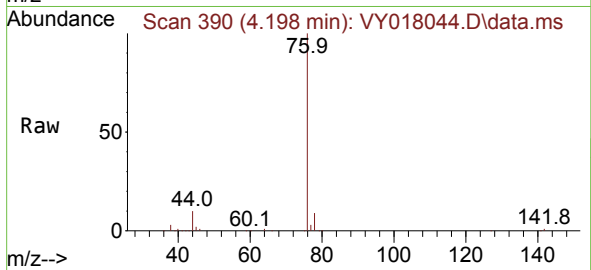




#17
Carbon Disulfide
Concen: 18.339 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY018044.D
Acq: 25 Apr 2024 12:21

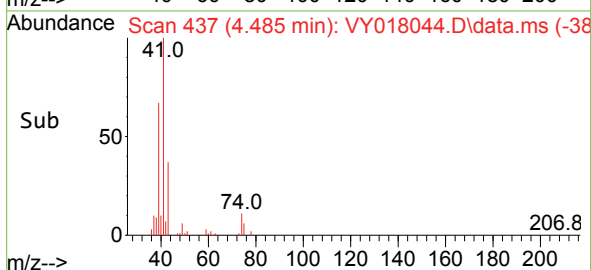
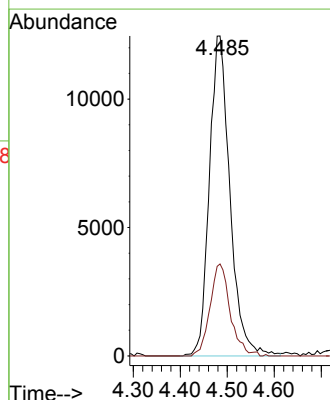
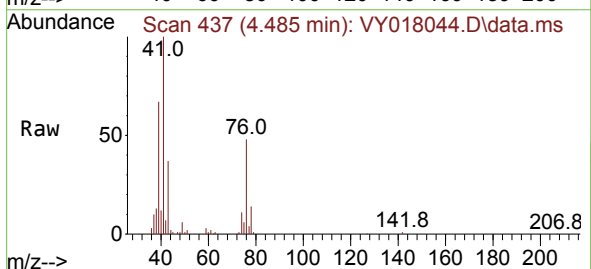
Instrument :
MSVOA_Y
ClientSampleId :

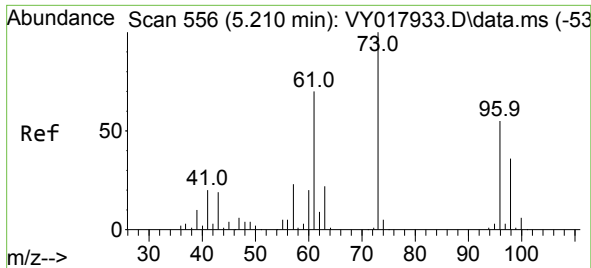
Tgt Ion: 76 Resp: 224344
Ion Ratio Lower Upper
76 100
78 8.6 6.8 10.2



#18
Methyl Acetate
Concen: 22.039 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY018044.D
Acq: 25 Apr 2024 12:21

Tgt Ion: 43 Resp: 37765
Ion Ratio Lower Upper
43 100
74 28.2 23.3 34.9

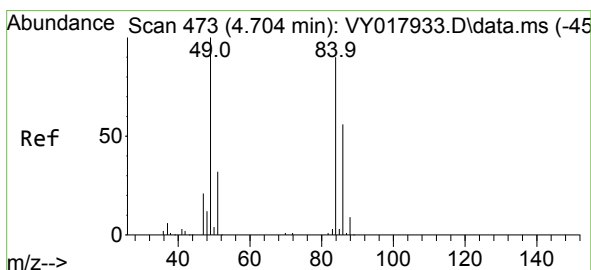
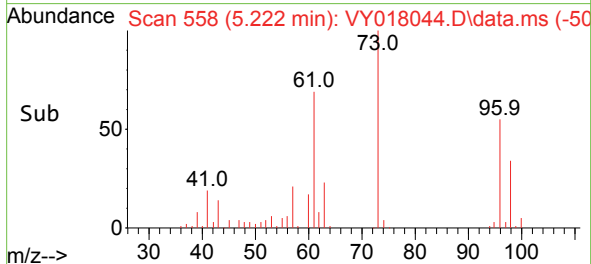
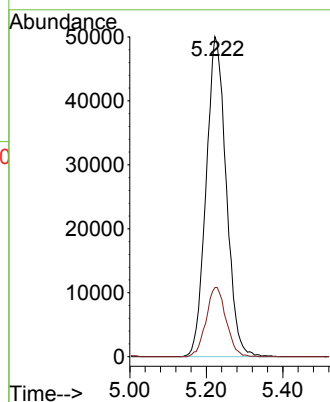
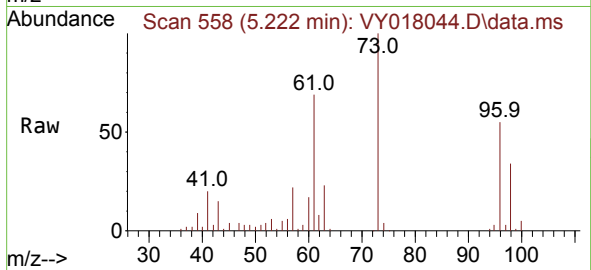




#19
Methyl tert-butyl Ether
Concen: 21.748 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY018044.D
Acq: 25 Apr 2024 12:21

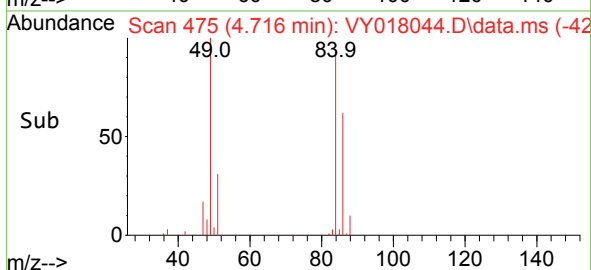
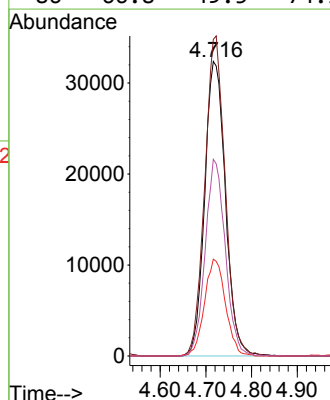
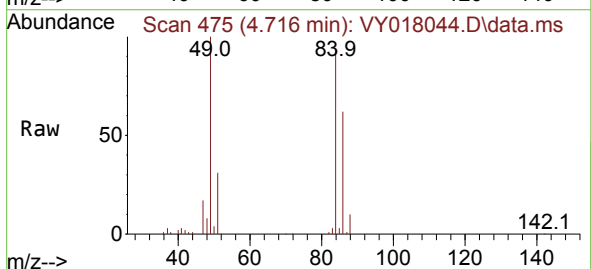
Instrument :
MSVOA_Y
ClientSampleId :

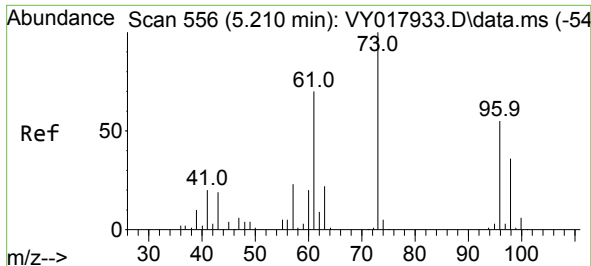
Tgt Ion: 73 Resp: 182263
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9



#20
Methylene Chloride
Concen: 23.141 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY018044.D
Acq: 25 Apr 2024 12:21

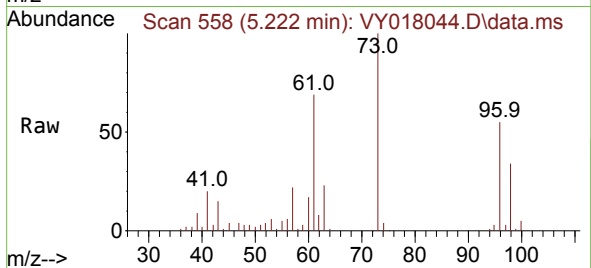
Tgt Ion: 84 Resp: 102119
Ion Ratio Lower Upper
84 100
49 107.5 84.4 126.6
51 32.9 26.0 39.0
86 66.8 49.5 74.3



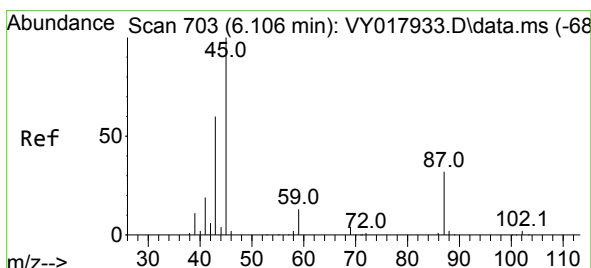
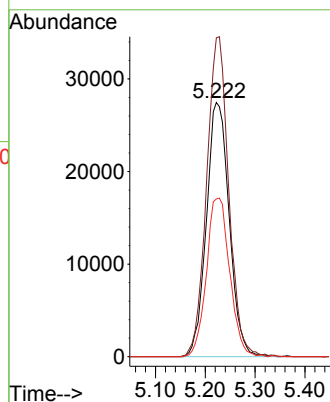
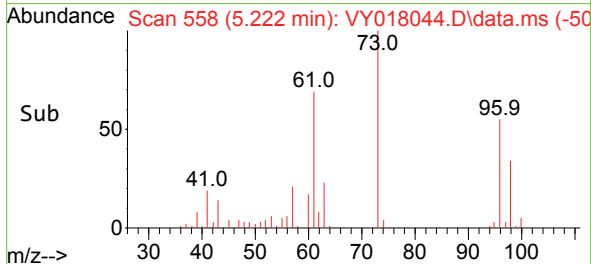


#21
trans-1,2-Dichloroethene
Concen: 20.748 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY018044.D
Acq: 25 Apr 2024 12:21

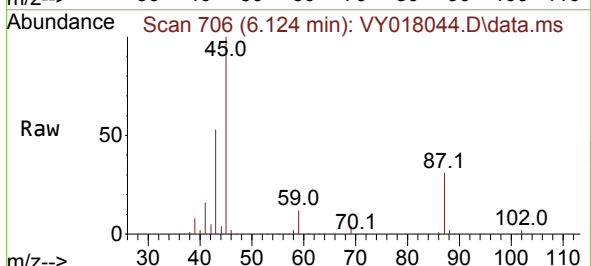
Instrument :
MSVOA_Y
ClientSampleId :



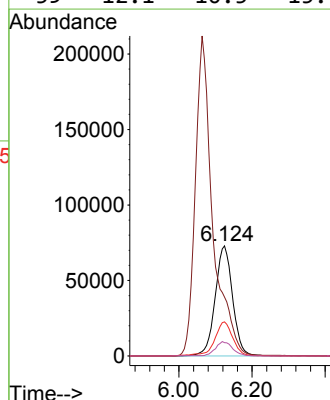
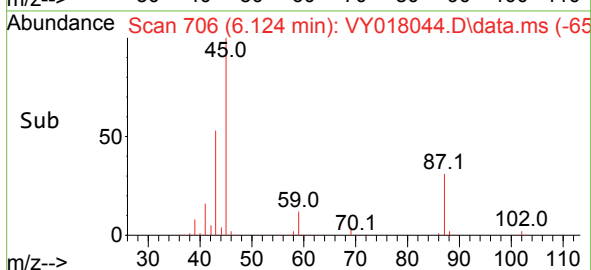
Tgt Ion: 96 Resp: 87402
Ion Ratio Lower Upper
96 100
61 125.4 97.5 146.3
98 62.1 50.5 75.7

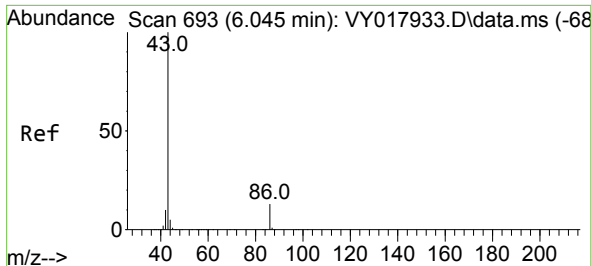


#22
Diisopropyl ether
Concen: 22.192 ug/l
RT: 6.124 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY018044.D
Acq: 25 Apr 2024 12:21



Tgt Ion: 45 Resp: 242101
Ion Ratio Lower Upper
45 100
43 53.0 42.2 63.2
87 30.9 25.0 37.6
59 12.1 10.5 15.7

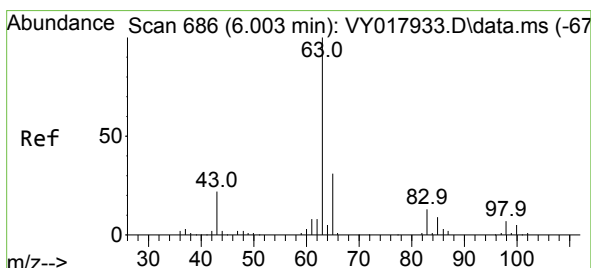
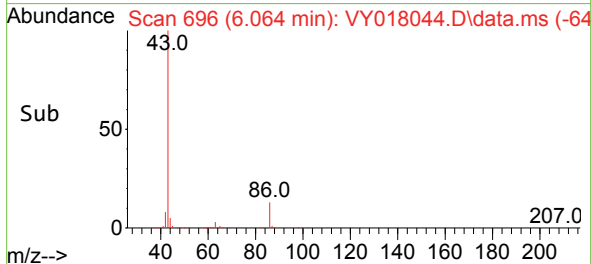
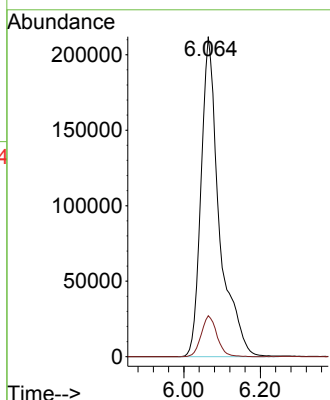
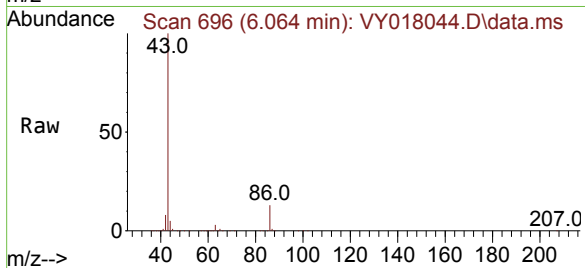




#23
 Vinyl Acetate
 Concen: 108.585 ug/l
 RT: 6.064 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY018044.D
 Acq: 25 Apr 2024 12:21

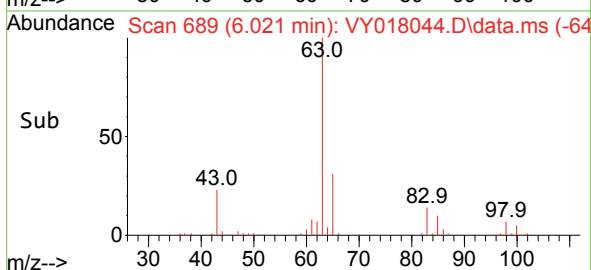
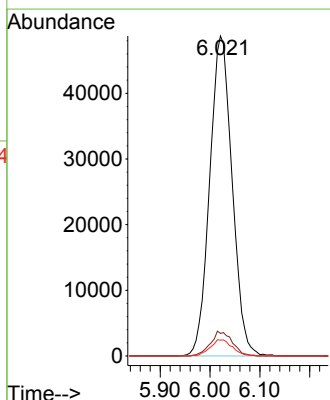
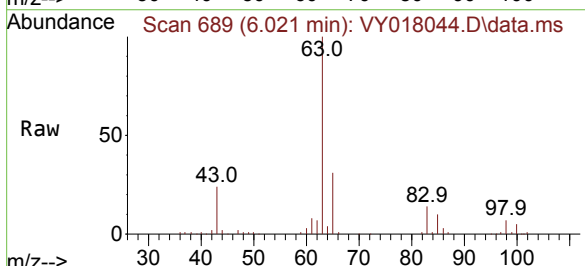
Instrument :
 MSVOA_Y
 ClientSampleId :

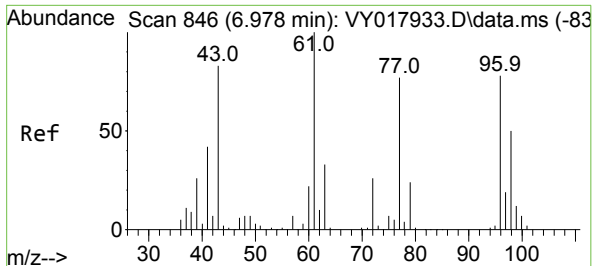
Tgt Ion: 43 Resp: 702460
 Ion Ratio Lower Upper
 43 100
 86 12.8 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 21.376 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY018044.D
 Acq: 25 Apr 2024 12:21

Tgt Ion: 63 Resp: 152262
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.0 12.2
 100 5.0 2.6 8.0

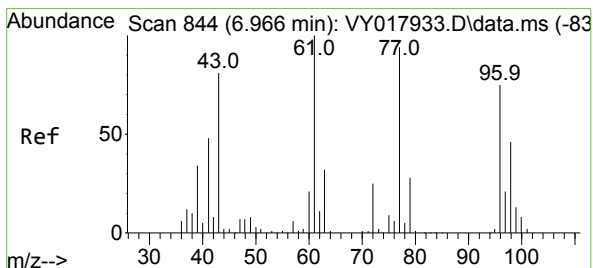
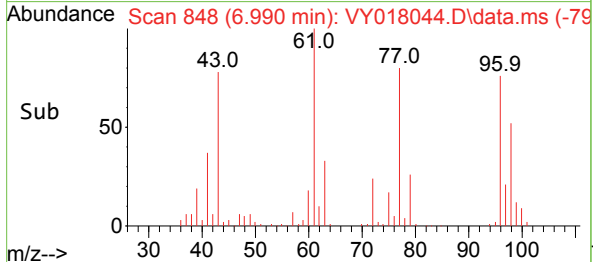
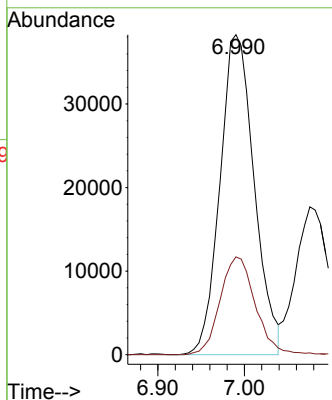
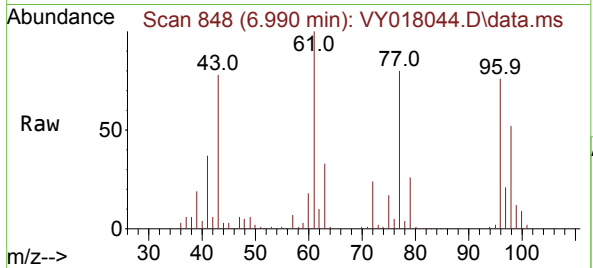




#25
2-Butanone
Concen: 109.943 ug/l
RT: 6.990 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY018044.D
Acq: 25 Apr 2024 12:21

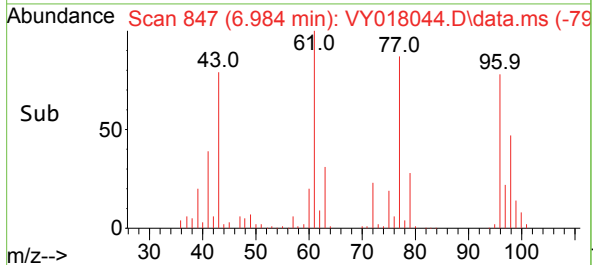
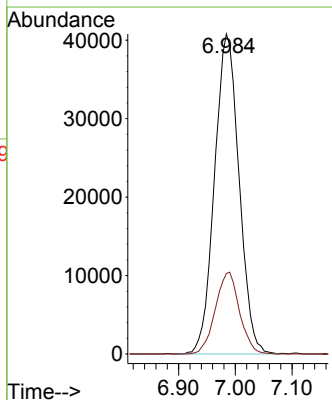
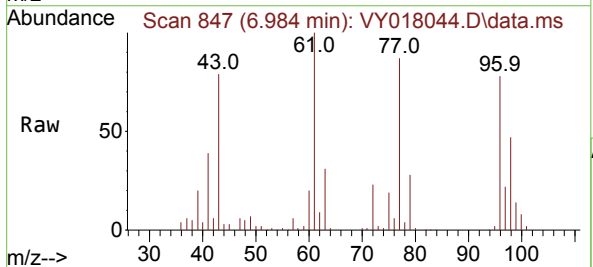
Instrument :
MSVOA_Y
ClientSampleId :

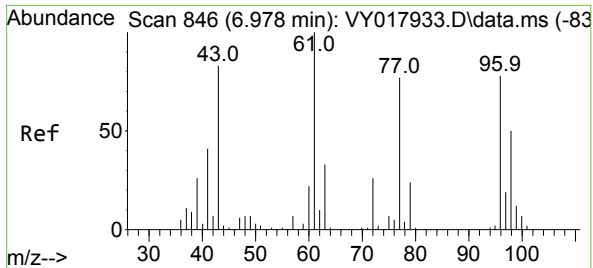
Tgt Ion: 43 Resp: 105260
Ion Ratio Lower Upper
43 100
72 30.6 27.3 40.9



#26
2,2-Dichloropropane
Concen: 21.447 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY018044.D
Acq: 25 Apr 2024 12:21

Tgt Ion: 77 Resp: 122562
Ion Ratio Lower Upper
77 100
97 25.1 12.0 36.1

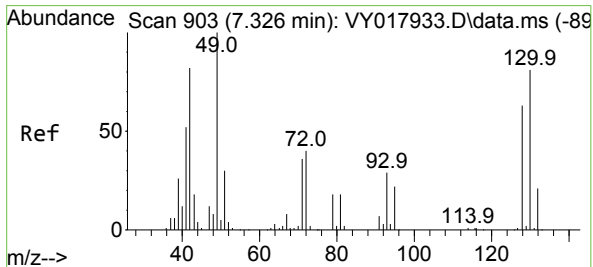
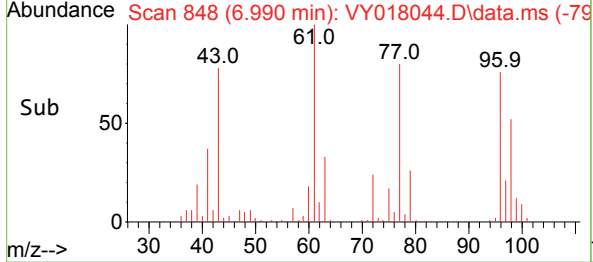
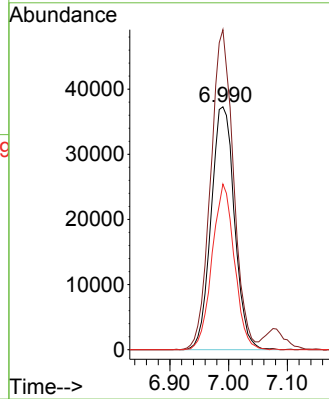
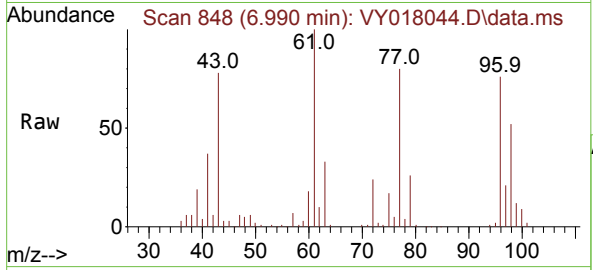




#27
 cis-1,2-Dichloroethene
 Concen: 21.463 ug/l
 RT: 6.990 min Scan# 846
 Delta R.T. 0.006 min
 Lab File: VY018044.D
 Acq: 25 Apr 2024 12:21

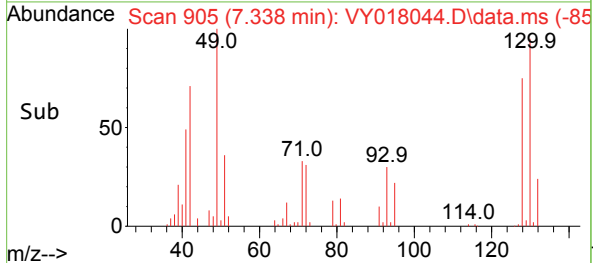
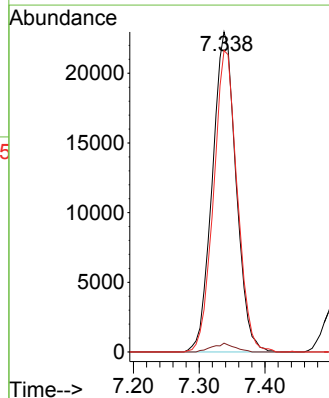
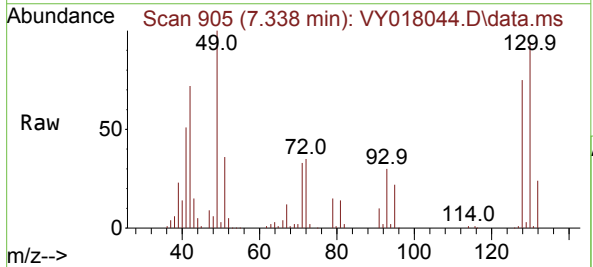
Instrument :
 MSVOA_Y
 ClientSampleId :

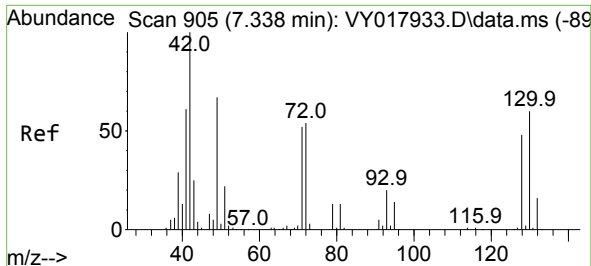
Tgt Ion: 96 Resp: 103257
 Ion Ratio Lower Upper
 96 100
 61 128.7 0.0 256.2
 98 65.0 0.0 130.0



#28
 Bromochloromethane
 Concen: 20.571 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.000 min
 Lab File: VY018044.D
 Acq: 25 Apr 2024 12:21

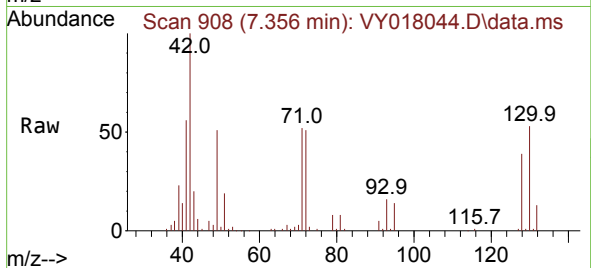
Tgt Ion: 49 Resp: 57637
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.6
 130 93.6 72.7 109.1



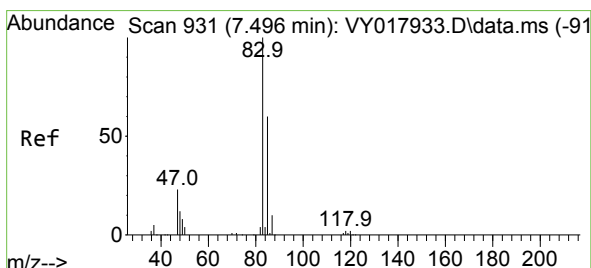
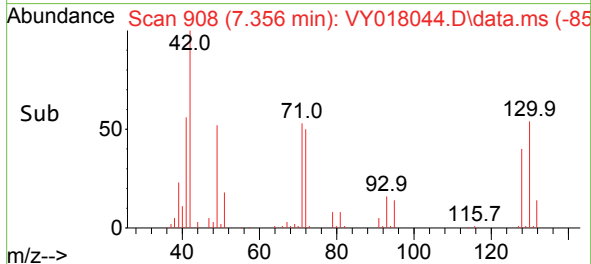
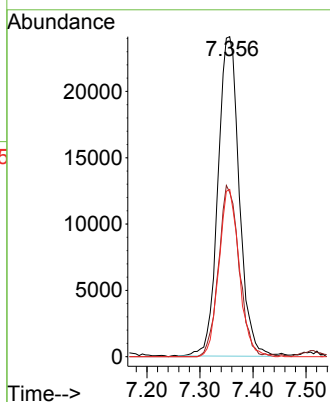


#29
Tetrahydrofuran
Concen: 110.579 ug/l
RT: 7.356 min Scan# 905
Delta R.T. 0.006 min
Lab File: VY018044.D
Acq: 25 Apr 2024 12:21

Instrument :
MSVOA_Y
ClientSampleId :

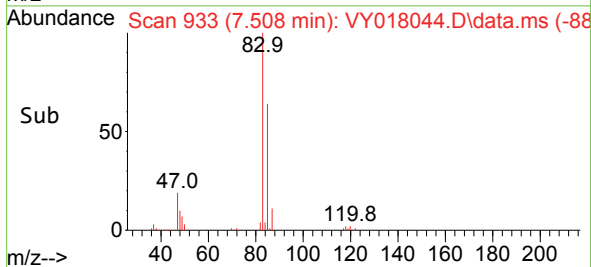
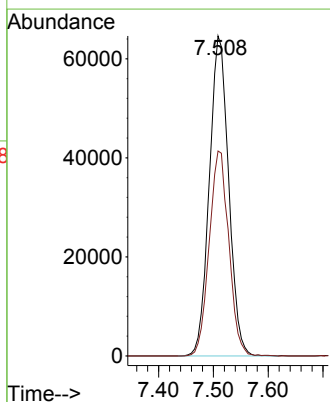
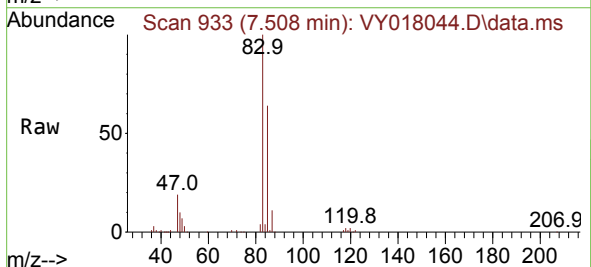


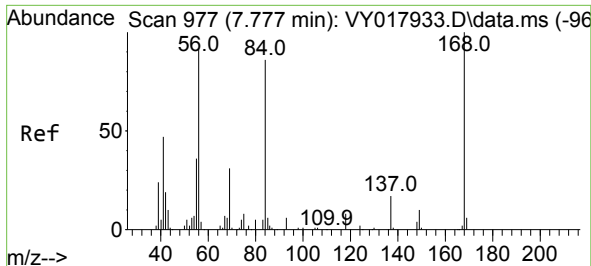
Tgt Ion: 42 Resp: 67184
Ion Ratio Lower Upper
42 100
72 52.2 43.0 64.4
71 50.0 40.8 61.2



#30
Chloroform
Concen: 21.678 ug/l
RT: 7.508 min Scan# 933
Delta R.T. 0.000 min
Lab File: VY018044.D
Acq: 25 Apr 2024 12:21

Tgt Ion: 83 Resp: 157809
Ion Ratio Lower Upper
83 100
85 64.1 52.2 78.4

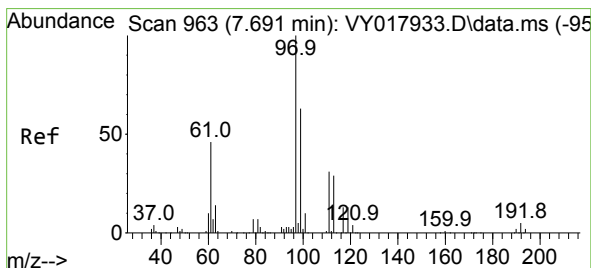
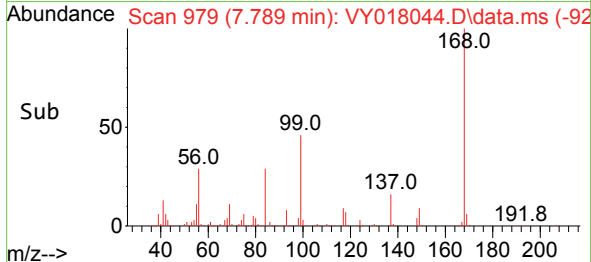
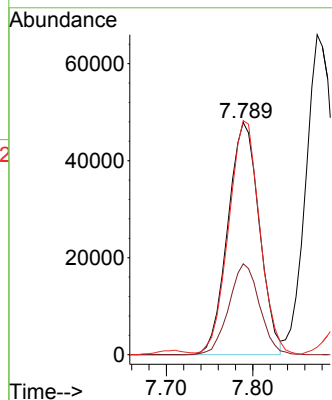
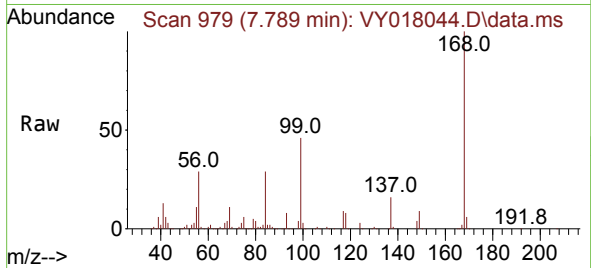




#31
Cyclohexane
Concen: 19.226 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018044.D
Acq: 25 Apr 2024 12:21

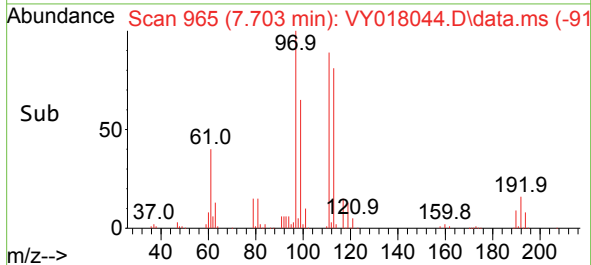
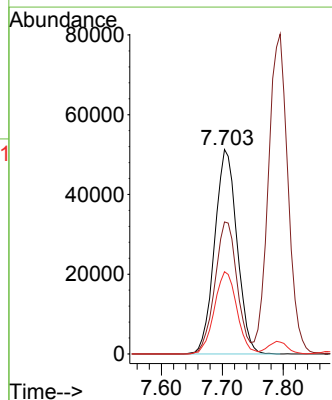
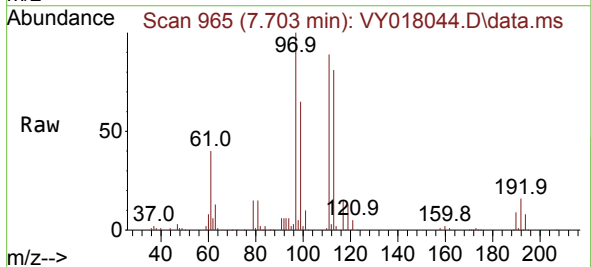
Instrument :
MSVOA_Y
ClientSampleId :

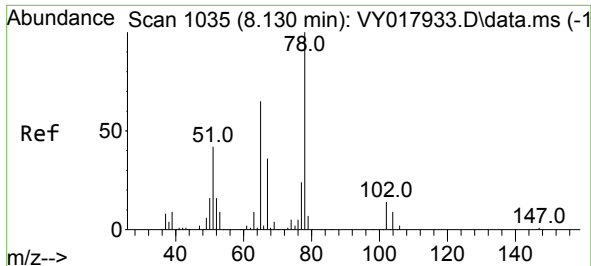
Tgt Ion: 56 Resp: 121141
Ion Ratio Lower Upper
56 100
69 39.2 28.7 43.1
84 99.4 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 21.557 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY018044.D
Acq: 25 Apr 2024 12:21

Tgt Ion: 97 Resp: 130709
Ion Ratio Lower Upper
97 100
99 63.9 50.3 75.5
61 40.5 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 52.465 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY018044.D

Acq: 25 Apr 2024 12:21

Instrument :

MSVOA_Y

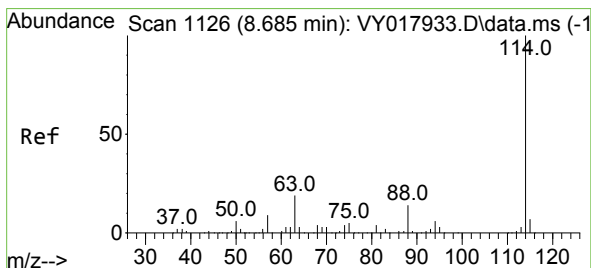
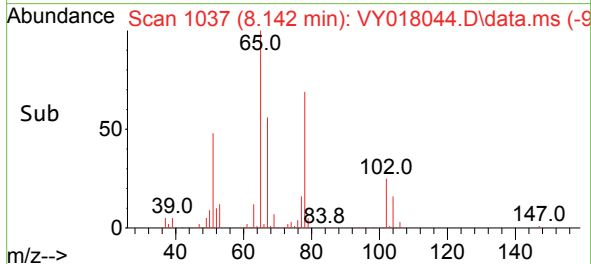
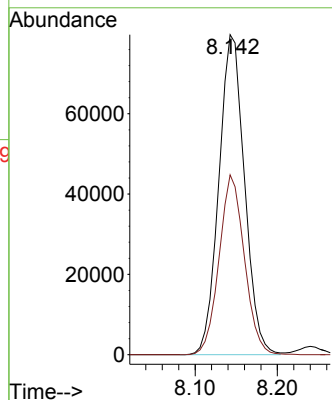
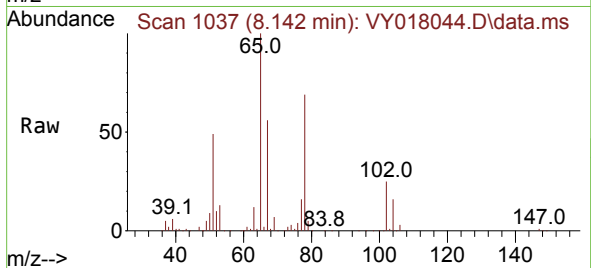
ClientSampleId :

Tgt Ion: 65 Resp: 172950

Ion Ratio Lower Upper

65 100

67 55.3 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: VY018044.D

Acq: 25 Apr 2024 12:21

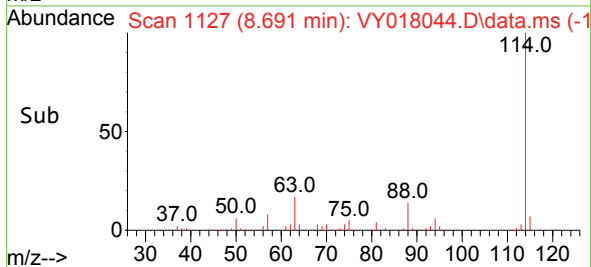
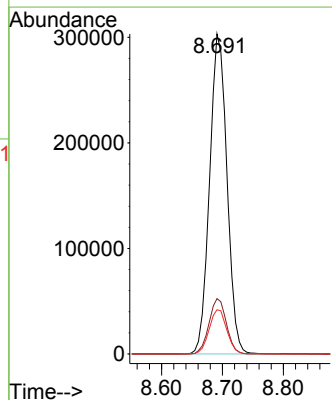
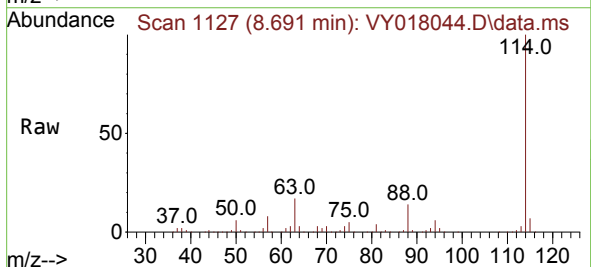
Tgt Ion: 114 Resp: 601095

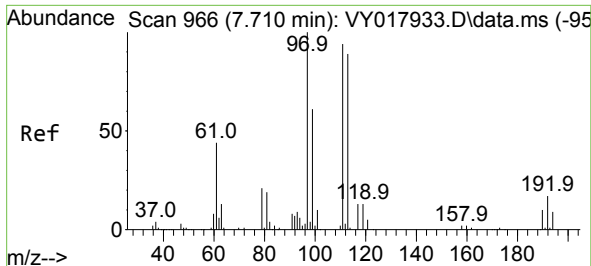
Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.0

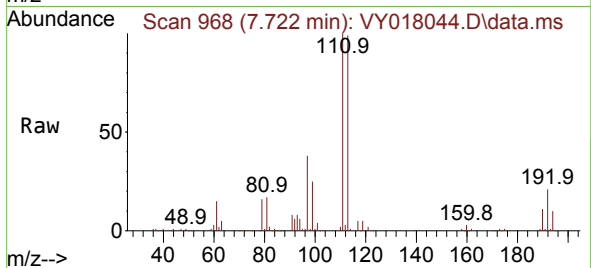
88 13.8 0.0 27.2



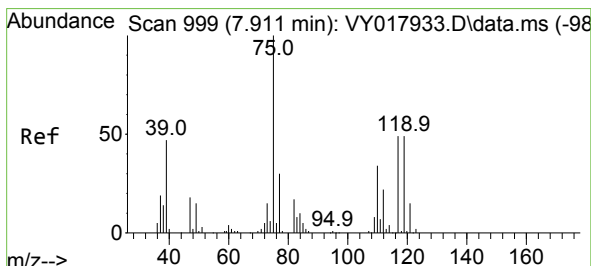
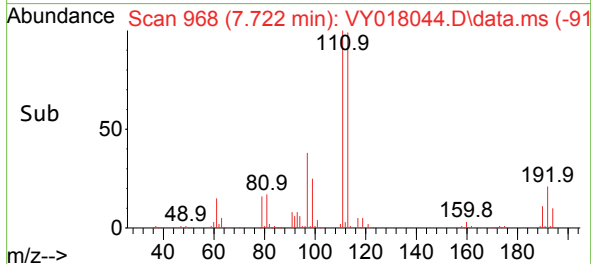
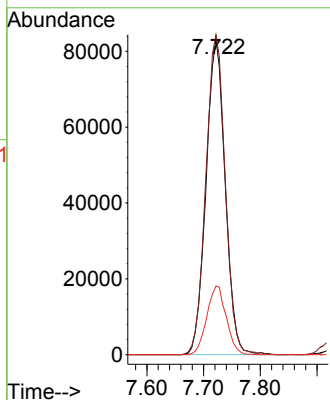


#35
Dibromofluoromethane
Concen: 52.578 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018044.D
Acq: 25 Apr 2024 12:21

Instrument :
MSVOA_Y
ClientSampleId :

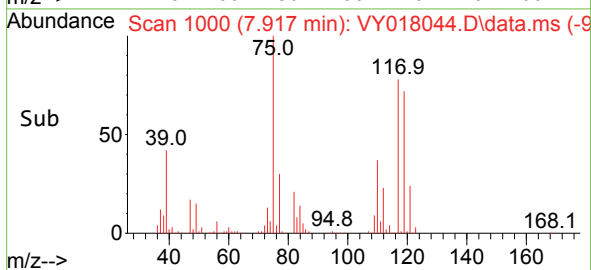
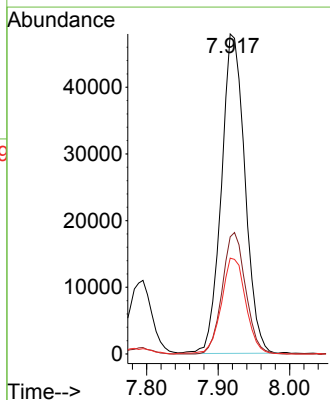
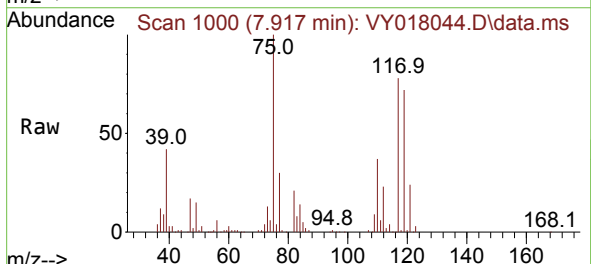


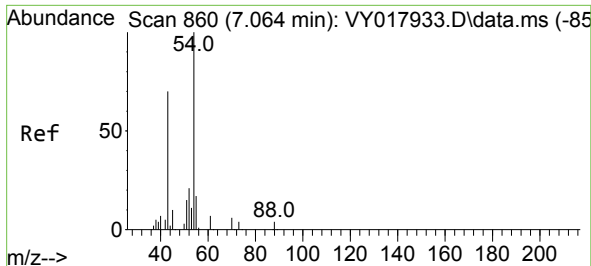
Tgt Ion:113 Resp: 194978
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 22.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 20.307 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY018044.D
Acq: 25 Apr 2024 12:21

Tgt Ion: 75 Resp: 109519
Ion Ratio Lower Upper
75 100
110 37.7 19.0 57.0
77 31.2 25.3 37.9

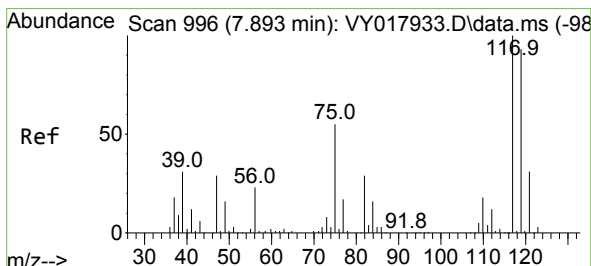
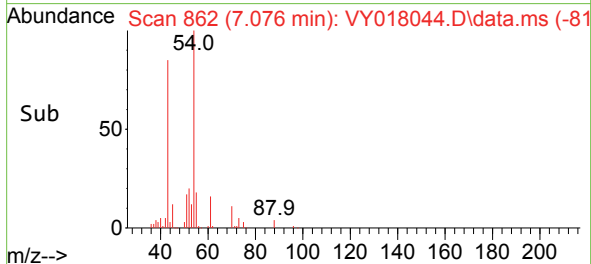
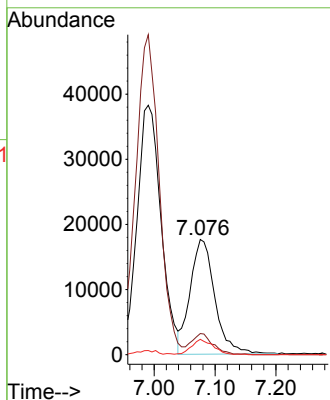
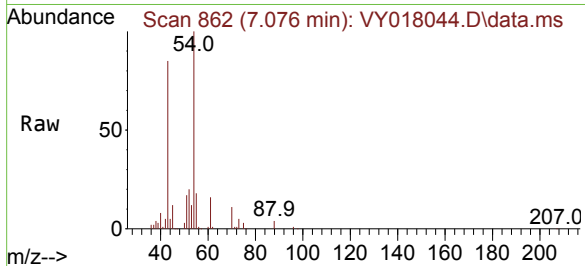




#37
Ethyl Acetate
Concen: 22.338 ug/l
RT: 7.076 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY018044.D
Acq: 25 Apr 2024 12:21

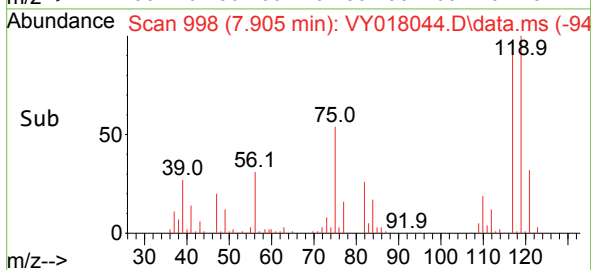
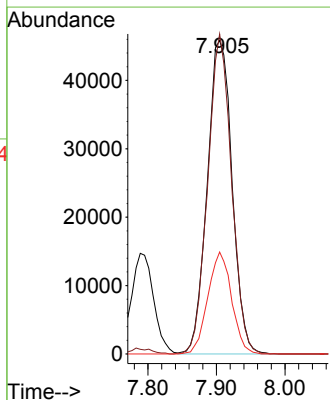
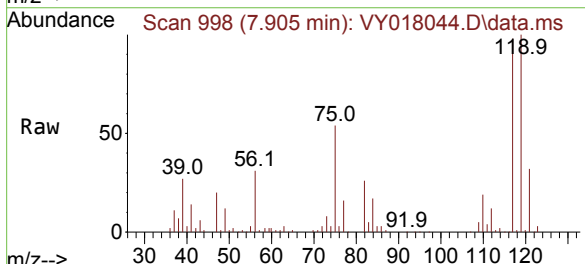
Instrument :
MSVOA_Y
ClientSampleId :

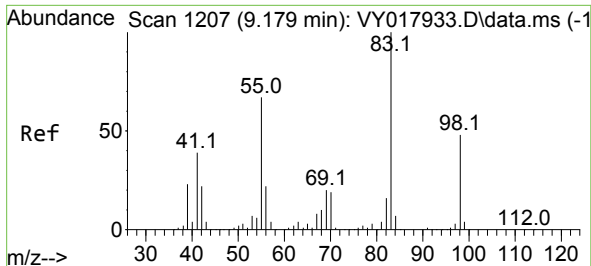
Tgt Ion: 43 Resp: 49565
Ion Ratio Lower Upper
43 100
61 15.8 12.6 19.0
70 11.8 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 21.227 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY018044.D
Acq: 25 Apr 2024 12:21

Tgt Ion: 117 Resp: 115660
Ion Ratio Lower Upper
117 100
119 102.1 75.8 113.6
121 32.5 24.0 36.0





#39

Methylcyclohexane

Concen: 18.849 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018044.D

Acq: 25 Apr 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

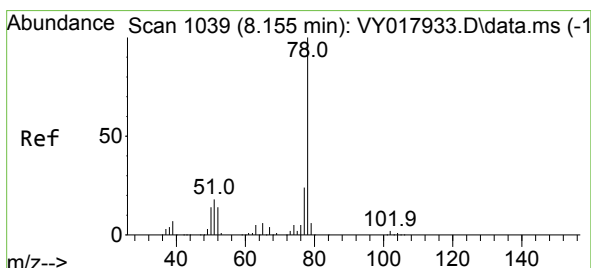
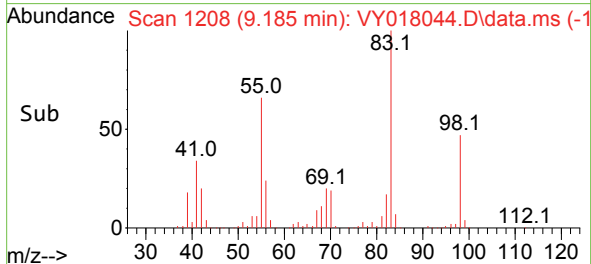
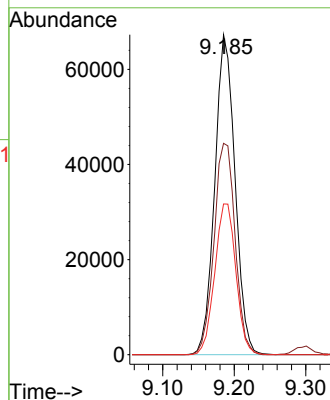
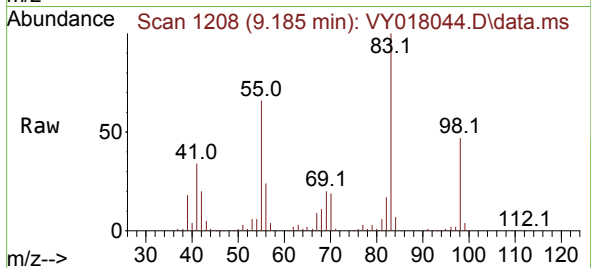
Tgt Ion: 83 Resp: 132470

Ion Ratio Lower Upper

83 100

55 66.1 51.5 77.3

98 47.1 40.5 60.7



#40

Benzene

Concen: 21.448 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY018044.D

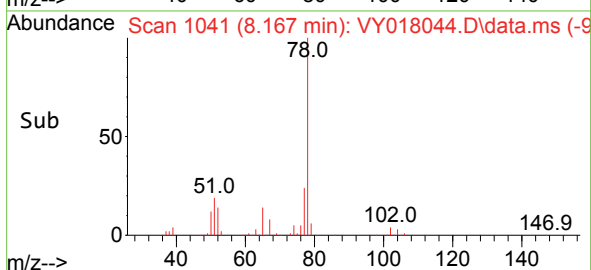
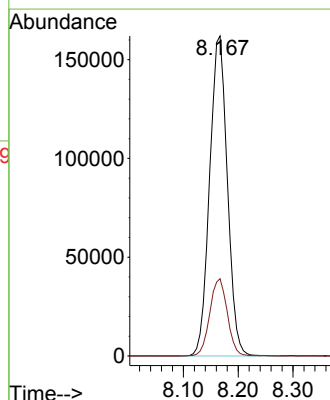
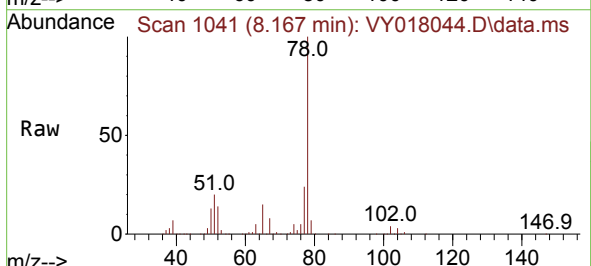
Acq: 25 Apr 2024 12:21

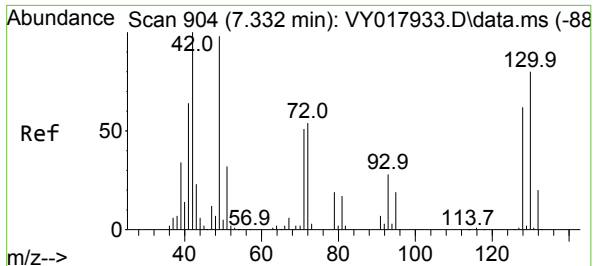
Tgt Ion: 78 Resp: 362313

Ion Ratio Lower Upper

78 100

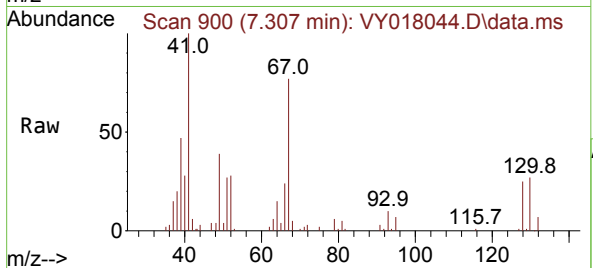
77 24.2 19.5 29.3



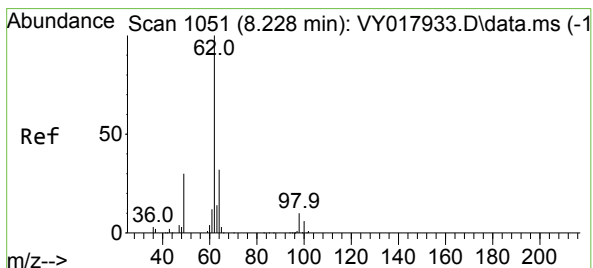
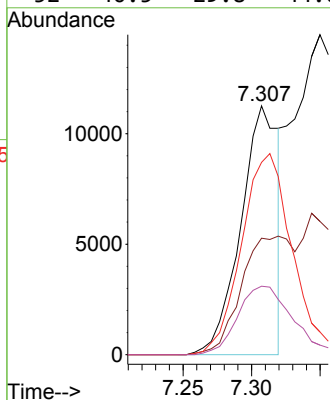
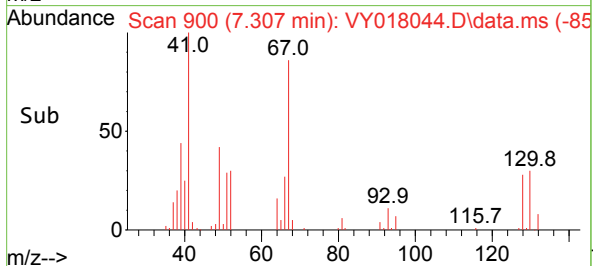


#41
Methacrylonitrile
Concen: 15.323 ug/l
RT: 7.307 min Scan# 904
Delta R.T. -0.024 min
Lab File: VY018044.D
Acq: 25 Apr 2024 12:21

Instrument :
MSVOA_Y
ClientSampleId :

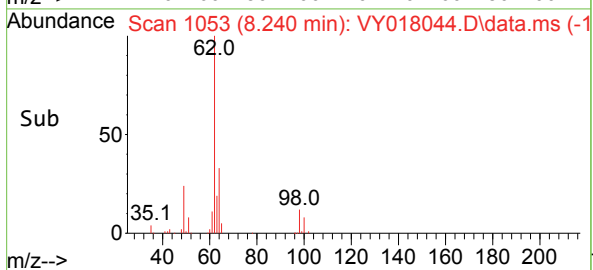
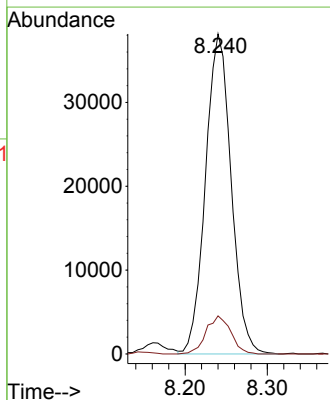
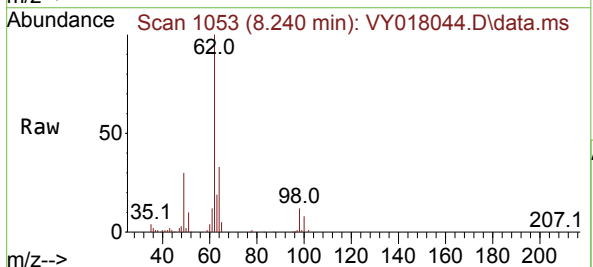


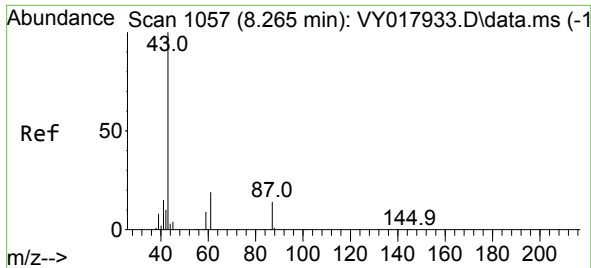
Tgt Ion:	41	Resp:	21453
Ion	Ratio	Lower	Upper
41	100		
39	66.3	48.0	72.0
67	109.8	75.1	112.7
52	40.5	29.8	44.6



#42
1,2-Dichloroethane
Concen: 21.390 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY018044.D
Acq: 25 Apr 2024 12:21

Tgt Ion:	62	Resp:	82792
Ion	Ratio	Lower	Upper
62	100		
98	11.5	0.0	22.0

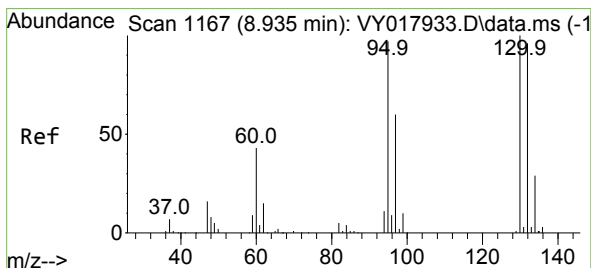
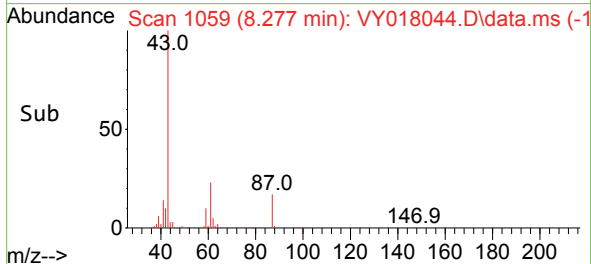
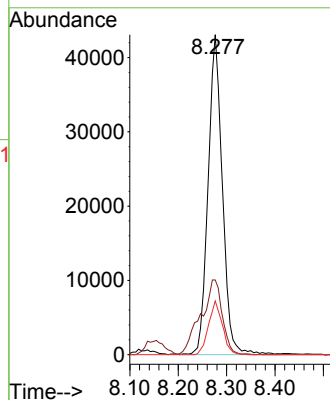
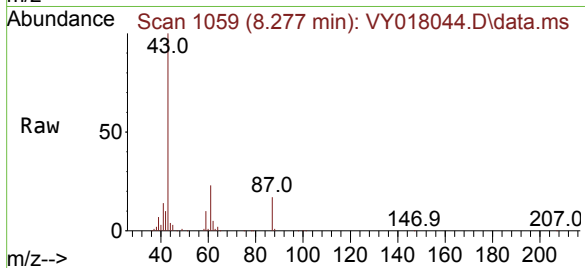




#43
Isopropyl Acetate
Concen: 21.420 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VY018044.D
Acq: 25 Apr 2024 12:21

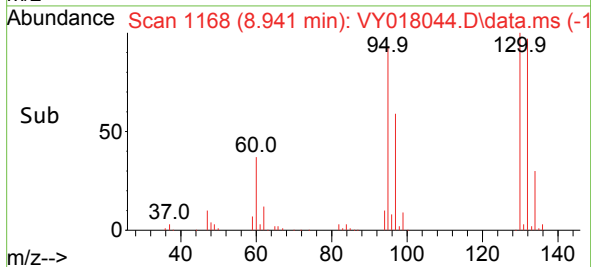
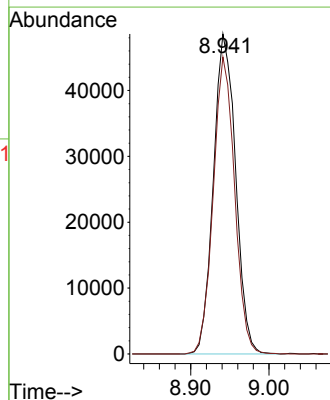
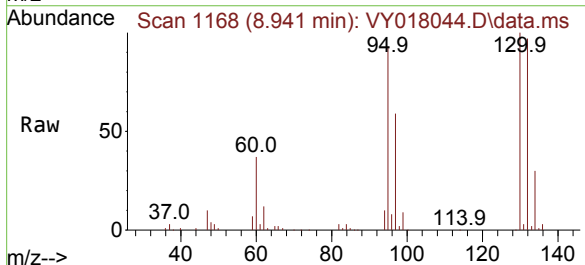
Instrument :
MSVOA_Y
ClientSampleId :

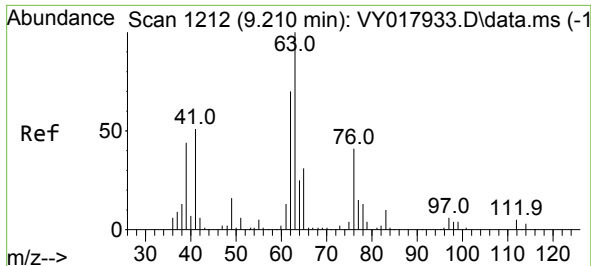
Tgt Ion: 43 Resp: 88594
Ion Ratio Lower Upper
43 100
61 34.9 27.9 41.9
87 16.2 13.1 19.7



#44
Trichloroethene
Concen: 22.311 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY018044.D
Acq: 25 Apr 2024 12:21

Tgt Ion:130 Resp: 95773
Ion Ratio Lower Upper
130 100
95 92.8 0.0 188.0

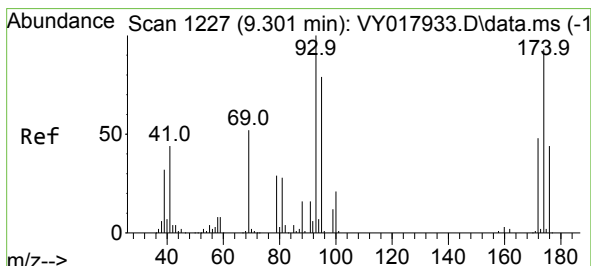
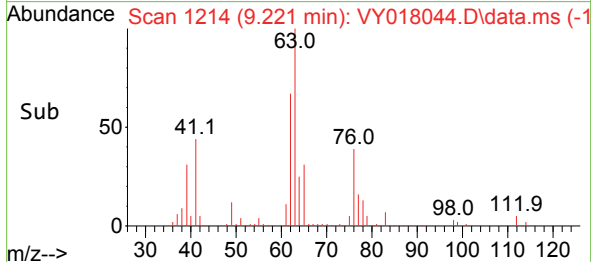
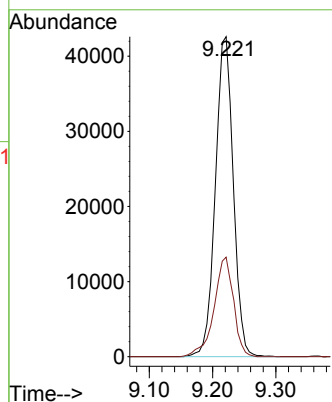
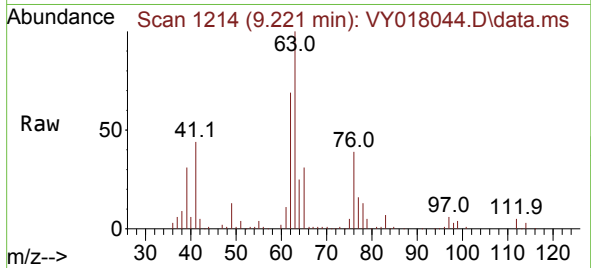




#45
1,2-Dichloropropane
Concen: 21.480 ug/l
RT: 9.221 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018044.D
Acq: 25 Apr 2024 12:21

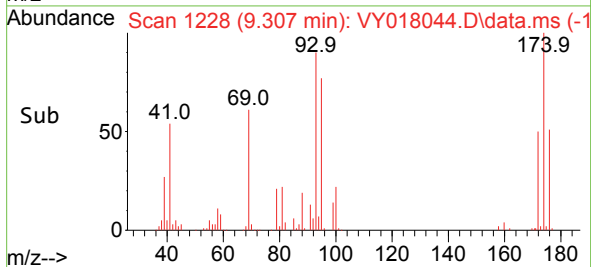
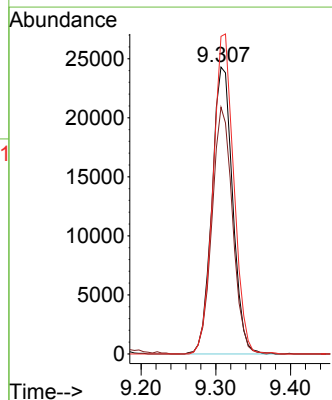
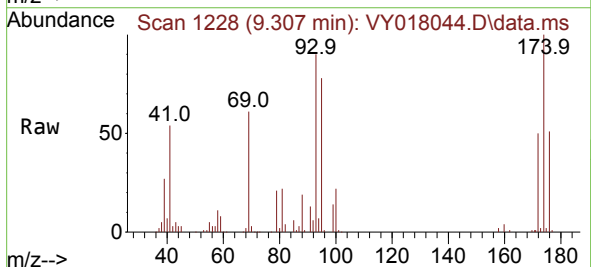
Instrument :
MSVOA_Y
ClientSampleId :

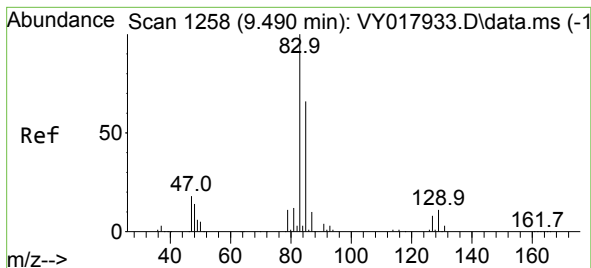
Tgt Ion: 63 Resp: 83529
Ion Ratio Lower Upper
63 100
65 31.1 25.4 38.2



#46
Dibromomethane
Concen: 21.754 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY018044.D
Acq: 25 Apr 2024 12:21

Tgt Ion: 93 Resp: 46792
Ion Ratio Lower Upper
93 100
95 85.6 66.2 99.4
174 111.7 80.9 121.3





#47

Bromodichloromethane

Concen: 21.914 ug/l

RT: 9.502 min Scan# 118257

Delta R.T. 0.006 min

Lab File: VY018044.D

Acq: 25 Apr 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

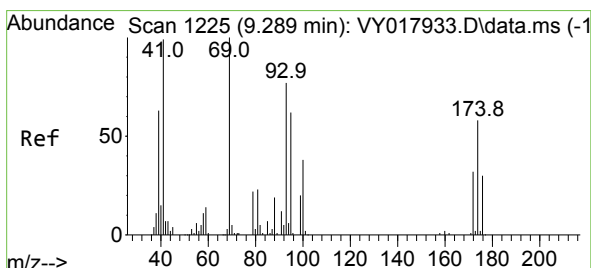
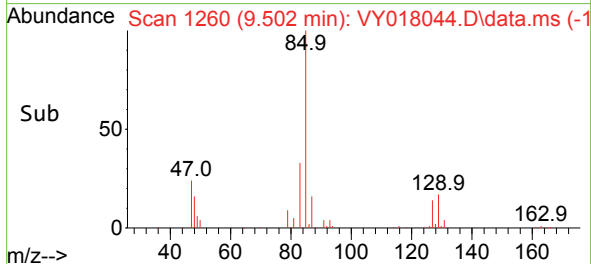
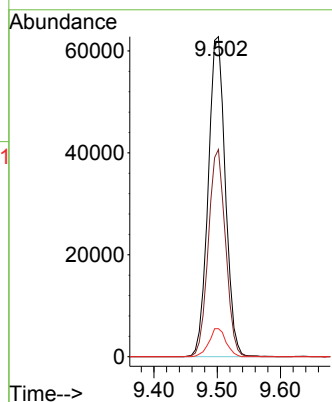
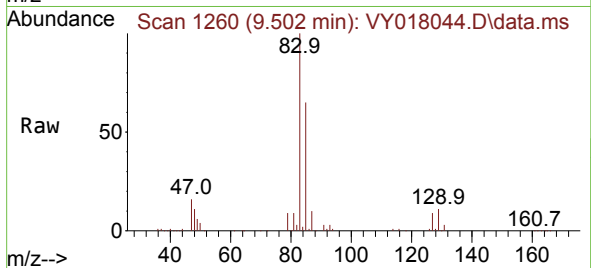
Tgt Ion: 83 Resp: 118257

Ion Ratio Lower Upper

83 100

85 64.8 50.1 75.1

127 8.7 7.4 11.0



#48

Methyl methacrylate

Concen: 21.936 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY018044.D

Acq: 25 Apr 2024 12:21

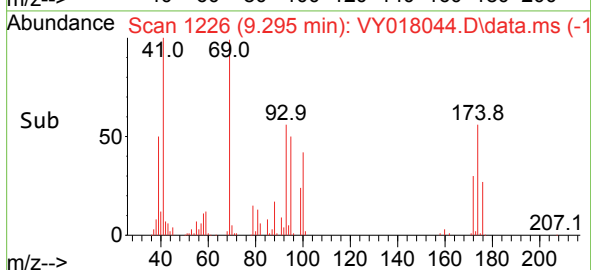
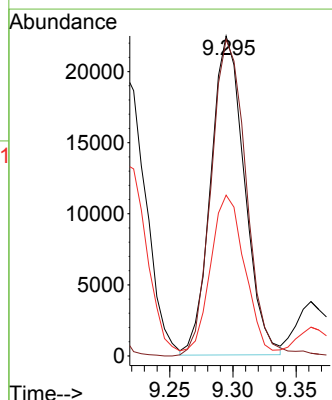
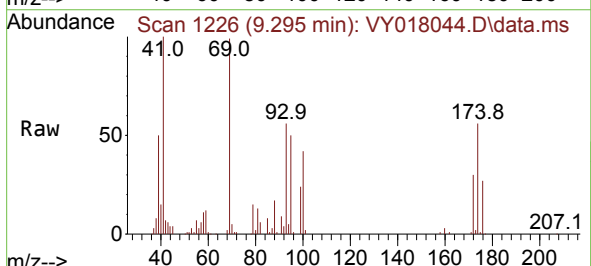
Tgt Ion: 41 Resp: 41575

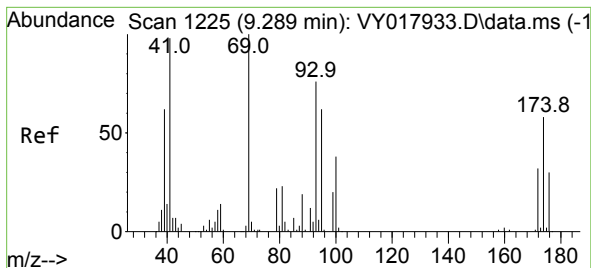
Ion Ratio Lower Upper

41 100

69 103.2 84.1 126.1

39 48.5 43.6 65.4





#49

1,4-Dioxane

Concen: 458.842 ug/l

RT: 9.307 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018044.D

Acq: 25 Apr 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

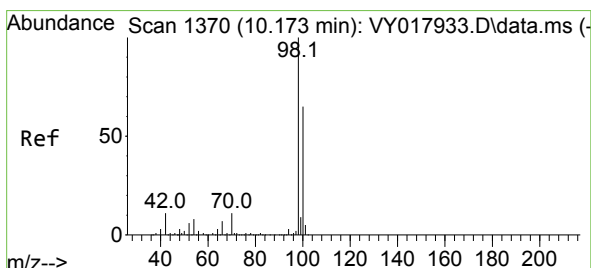
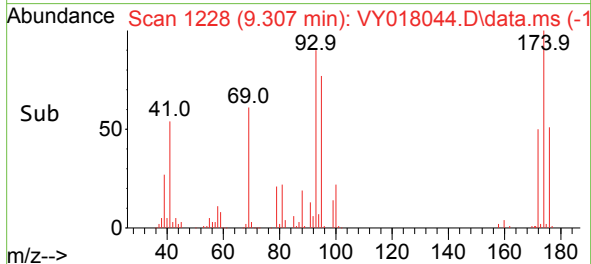
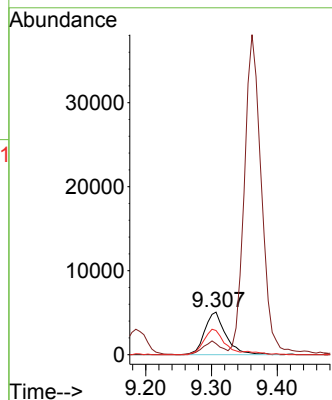
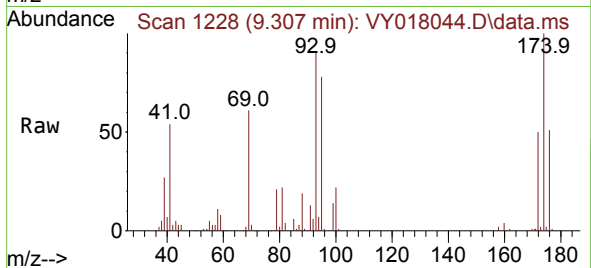
Tgt Ion: 88 Resp: 11267

Ion Ratio Lower Upper

88 100

43 27.6 0.0 0.0#

58 58.6 49.3 73.9



#50

Toluene-d8

Concen: 55.629 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY018044.D

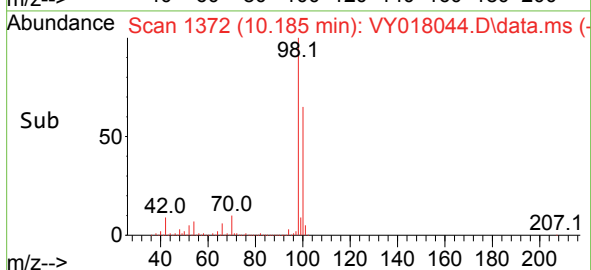
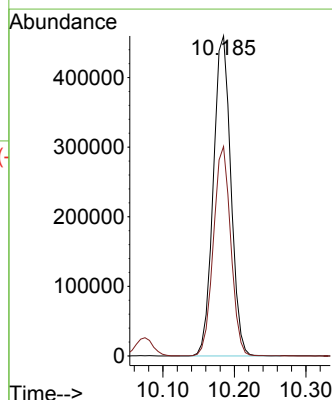
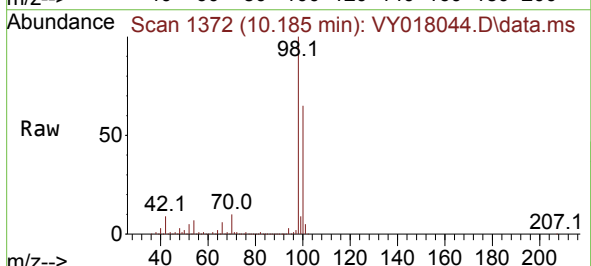
Acq: 25 Apr 2024 12:21

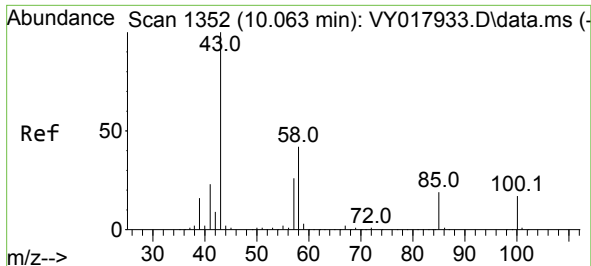
Tgt Ion: 98 Resp: 782780

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0

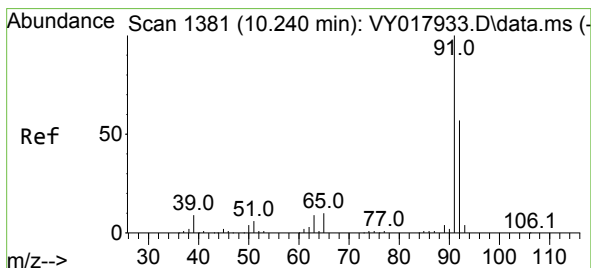
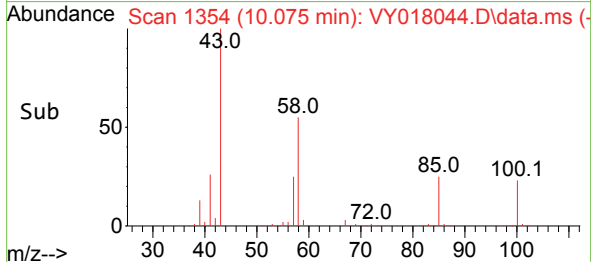
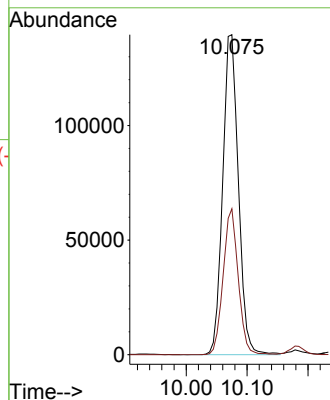
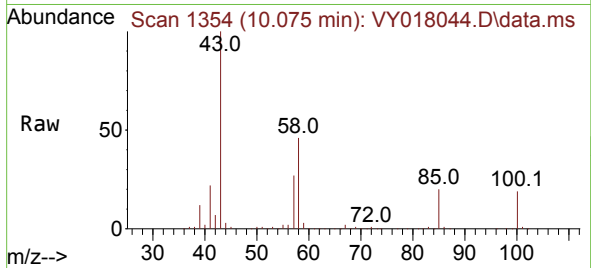




#51
4-Methyl-2-Pentanone
Concen: 113.749 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY018044.D
Acq: 25 Apr 2024 12:21

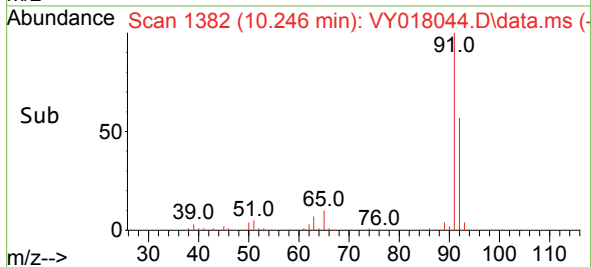
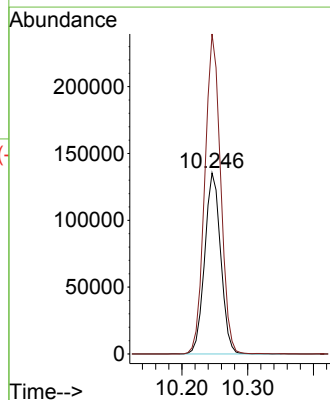
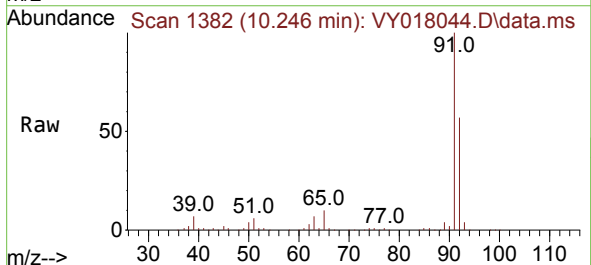
Instrument :
MSVOA_Y
ClientSampleId :

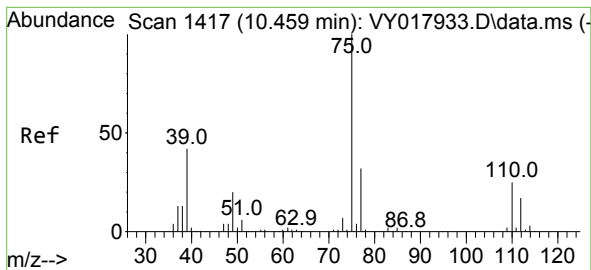
Tgt Ion: 43 Resp: 249409
Ion Ratio Lower Upper
43 100
58 43.8 35.7 53.5



#52
Toluene
Concen: 22.088 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY018044.D
Acq: 25 Apr 2024 12:21

Tgt Ion: 92 Resp: 228968
Ion Ratio Lower Upper
92 100
91 174.9 139.0 208.6

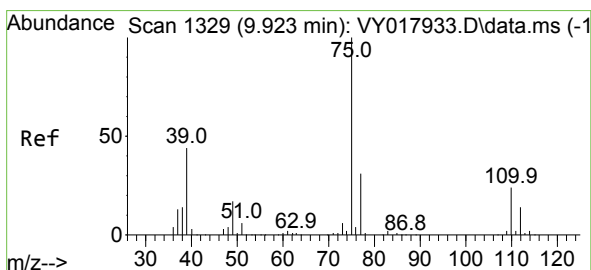
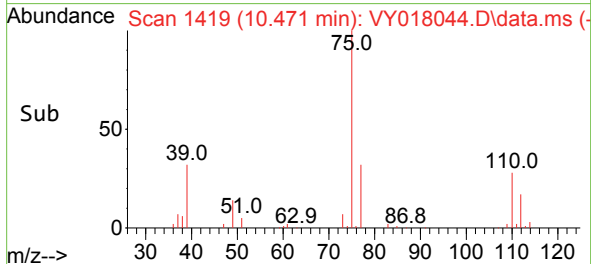
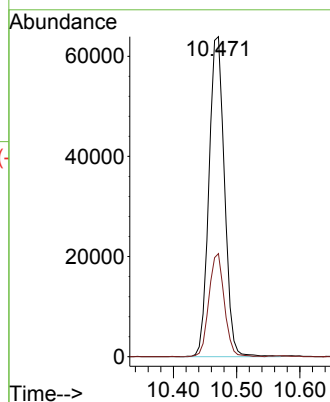
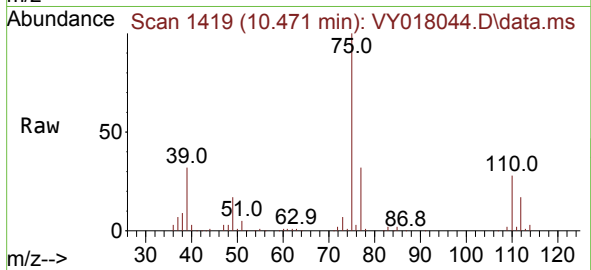




#53
 t-1,3-Dichloropropene
 Concen: 22.169 ug/l
 RT: 10.471 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY018044.D
 Acq: 25 Apr 2024 12:21

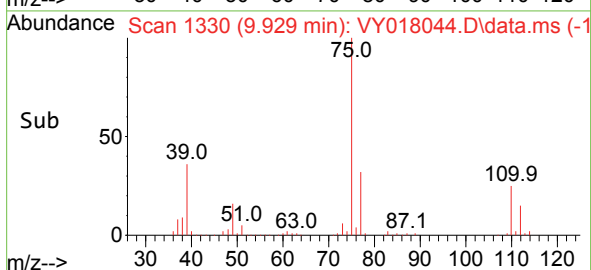
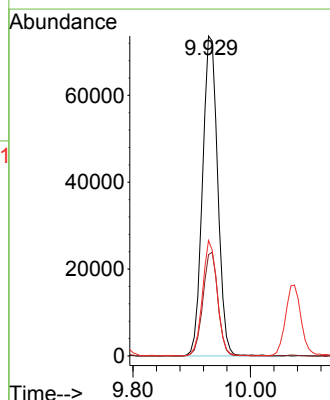
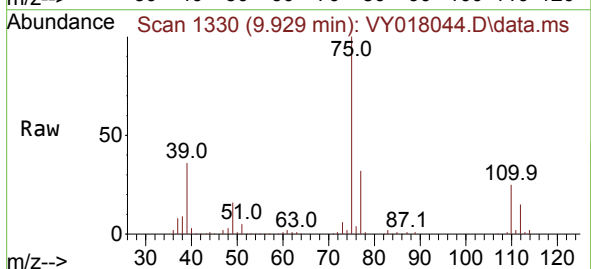
Instrument :
 MSVOA_Y
 ClientSampleId :

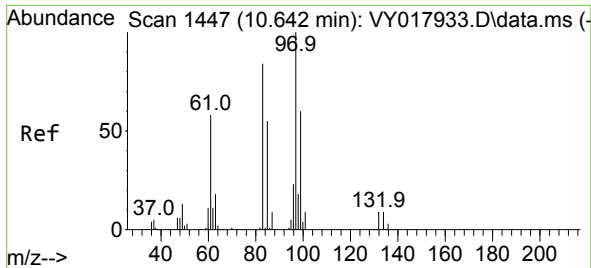
Tgt Ion: 75 Resp: 109219
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 21.927 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY018044.D
 Acq: 25 Apr 2024 12:21

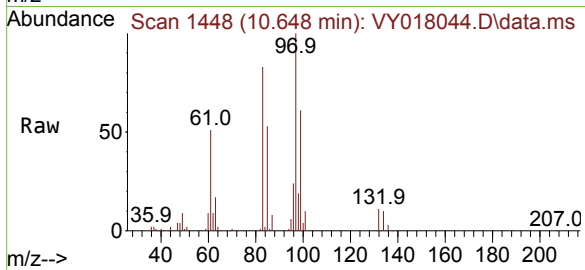
Tgt Ion: 75 Resp: 132704
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.0
 39 36.1 29.8 44.6



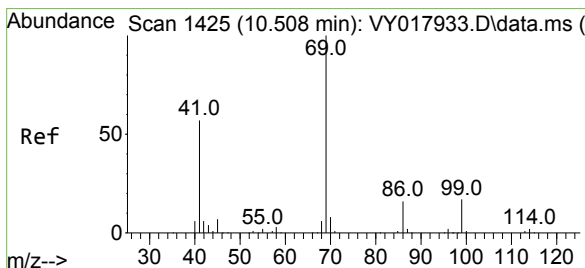
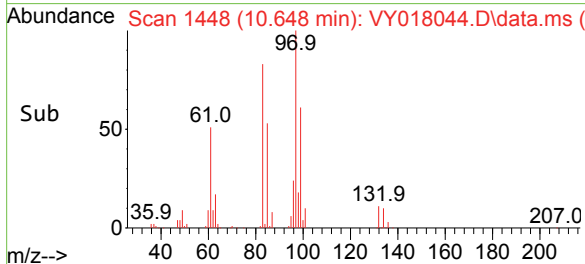
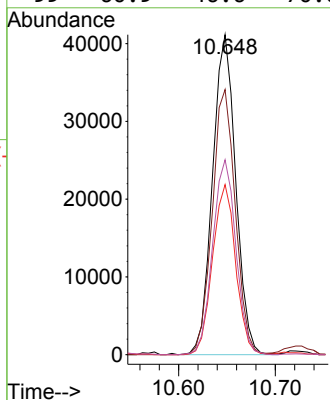


#55
1,1,2-Trichloroethane
Concen: 23.433 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY018044.D
Acq: 25 Apr 2024 12:21

Instrument :
MSVOA_Y
ClientSampleId :

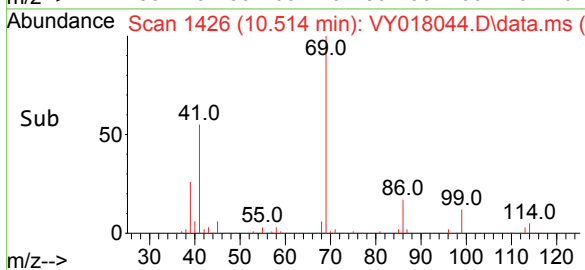
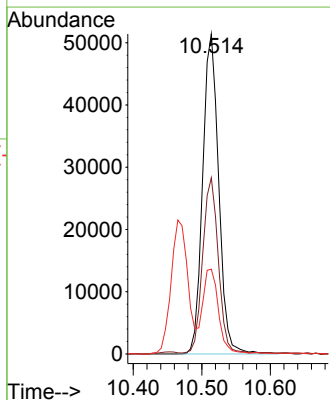
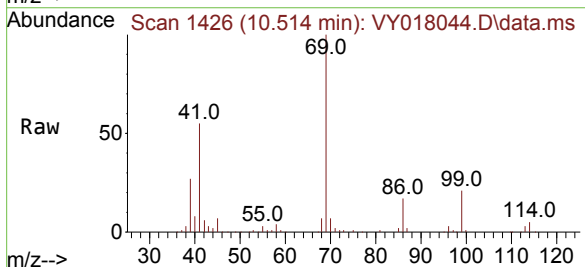


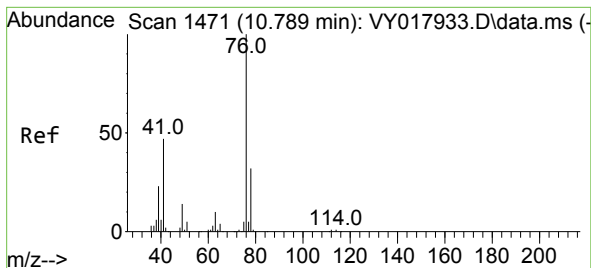
Tgt Ion:	97	Resp:	68517
Ion	Ratio	Lower	Upper
97	100		
83	82.9	67.5	101.3
85	53.1	42.9	64.3
99	60.9	46.6	70.0



#56
Ethyl methacrylate
Concen: 22.021 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY018044.D
Acq: 25 Apr 2024 12:21

Tgt Ion:	69	Resp:	83941
Ion	Ratio	Lower	Upper
69	100		
41	53.0	42.3	63.5
39	26.2	22.9	34.3





#57

1,3-Dichloropropane

Concen: 22.246 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY018044.D

Acq: 25 Apr 2024 12:21

Instrument :

MSVOA_Y

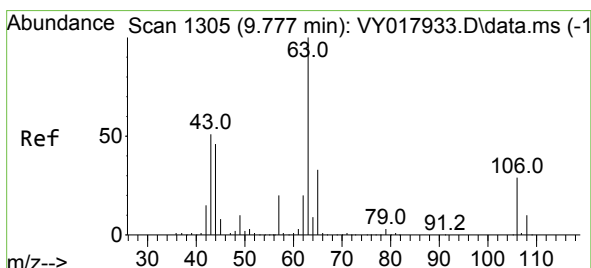
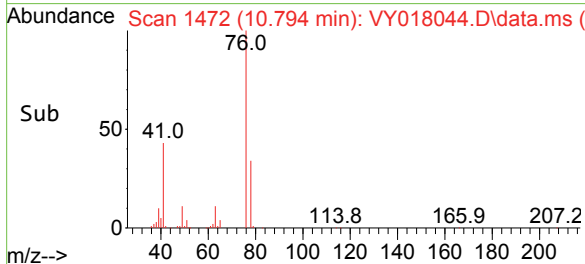
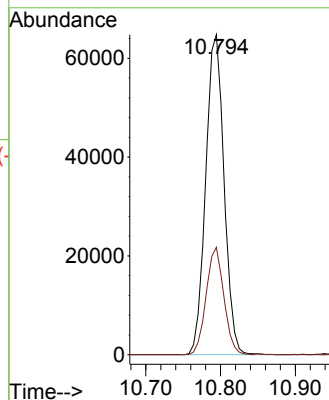
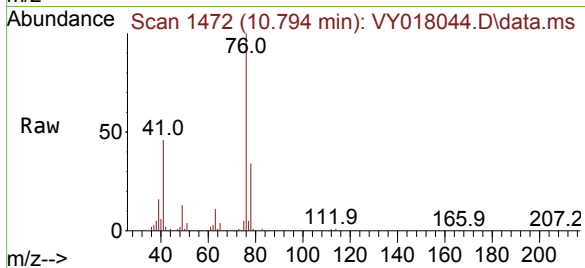
ClientSampleId :

Tgt Ion: 76 Resp: 110143

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 97.189 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY018044.D

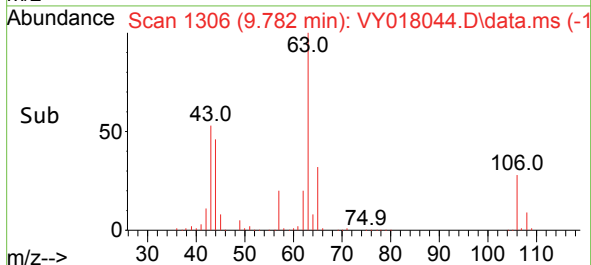
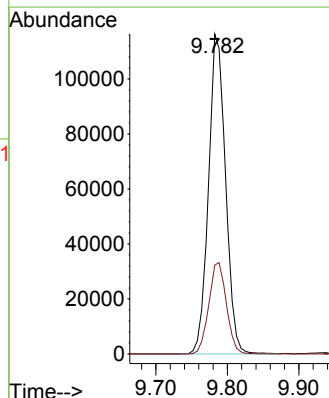
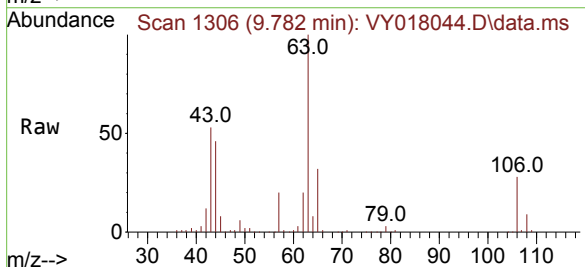
Acq: 25 Apr 2024 12:21

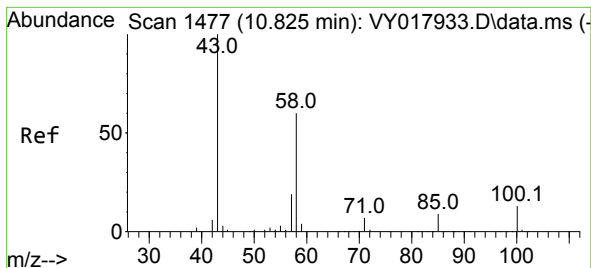
Tgt Ion: 63 Resp: 192575

Ion Ratio Lower Upper

63 100

106 29.5 23.7 35.5

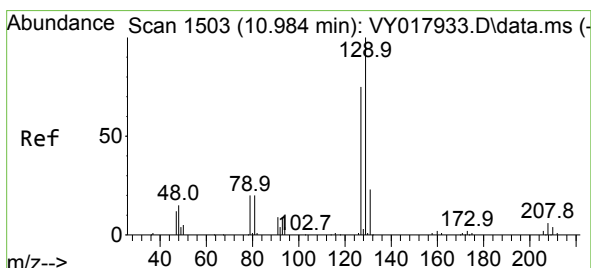
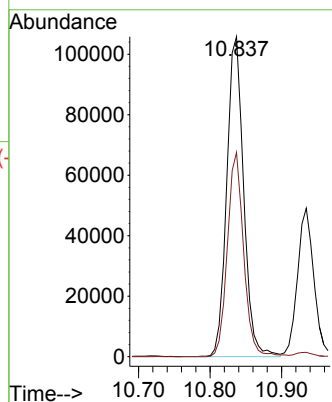
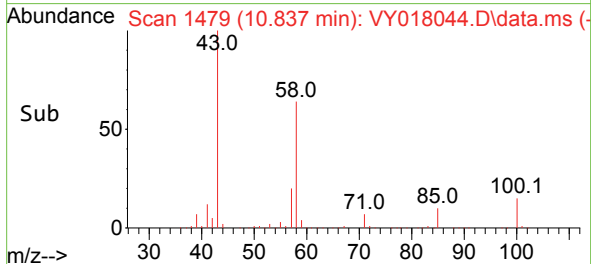
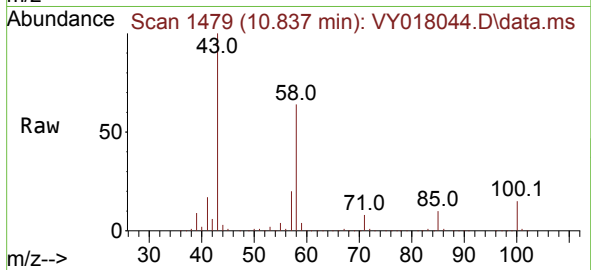




#59
2-Hexanone
Concen: 115.909 ug/l
RT: 10.837 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VY018044.D
Acq: 25 Apr 2024 12:21

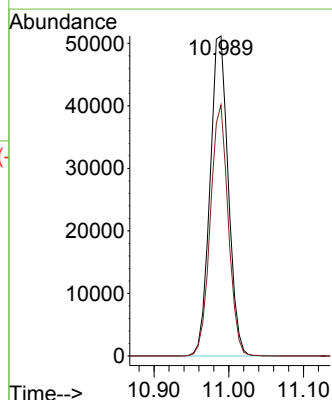
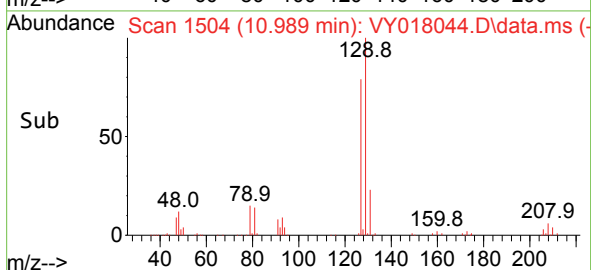
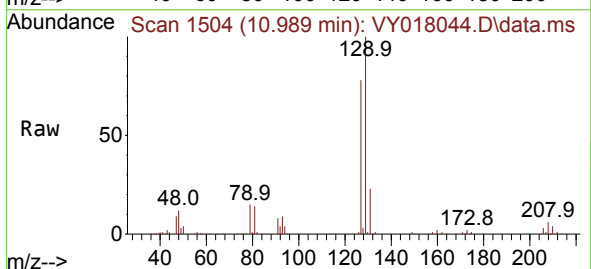
Instrument :
MSVOA_Y
ClientSampleId :

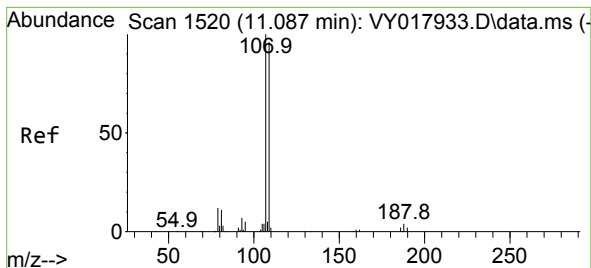
Tgt Ion: 43 Resp: 173488
Ion Ratio Lower Upper
43 100
58 61.5 31.4 94.0



#60
Dibromochloromethane
Concen: 23.149 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY018044.D
Acq: 25 Apr 2024 12:21

Tgt Ion:129 Resp: 86990
Ion Ratio Lower Upper
129 100
127 76.9 39.0 117.0





#61

1,2-Dibromoethane

Concen: 22.397 ug/l

RT: 11.093 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018044.D

Acq: 25 Apr 2024 12:21

Instrument :

MSVOA_Y

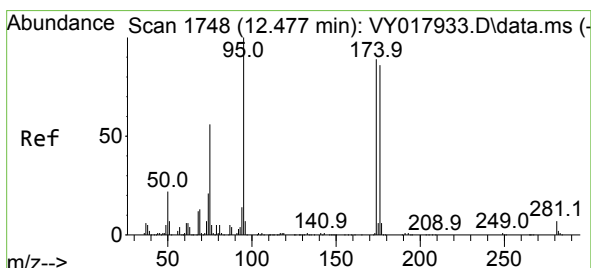
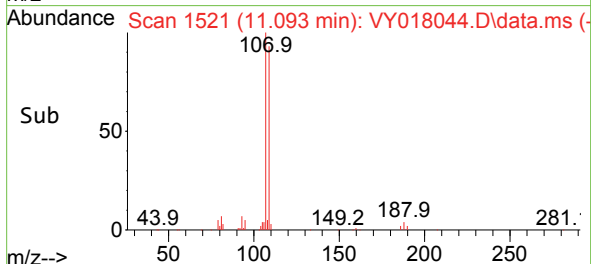
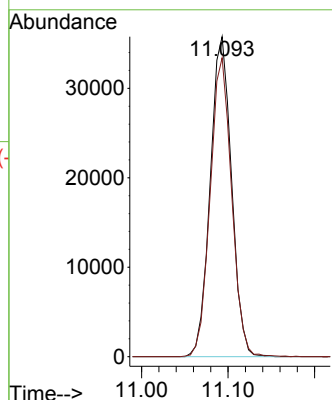
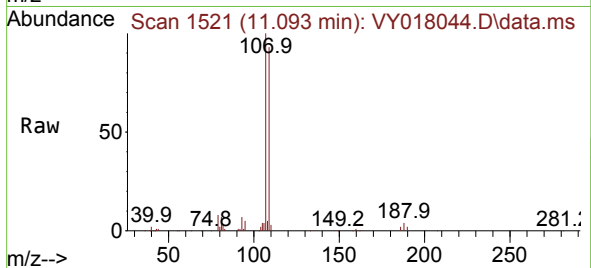
ClientSampleId :

Tgt Ion:107 Resp: 61031

Ion Ratio Lower Upper

107 100

109 94.1 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 56.072 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018044.D

Acq: 25 Apr 2024 12:21

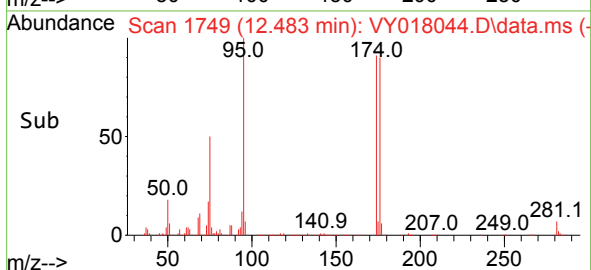
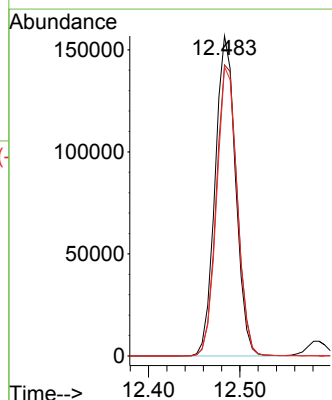
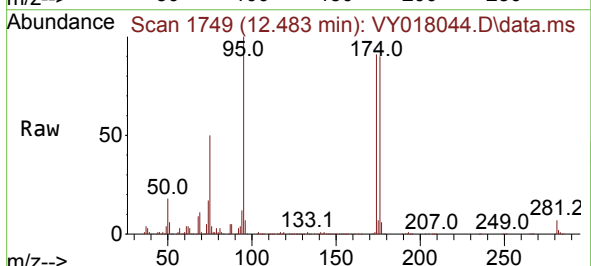
Tgt Ion: 95 Resp: 244359

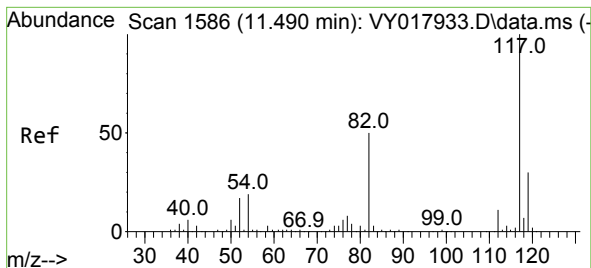
Ion Ratio Lower Upper

95 100

174 93.2 0.0 175.6

176 90.6 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: VY018044.D

Acq: 25 Apr 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

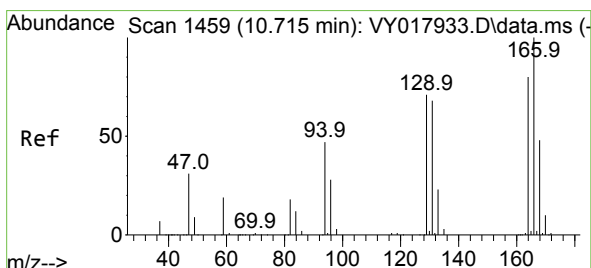
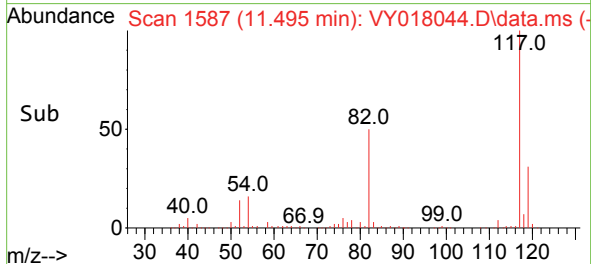
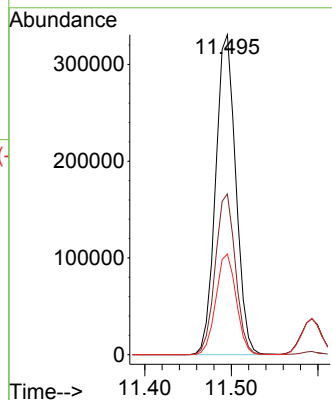
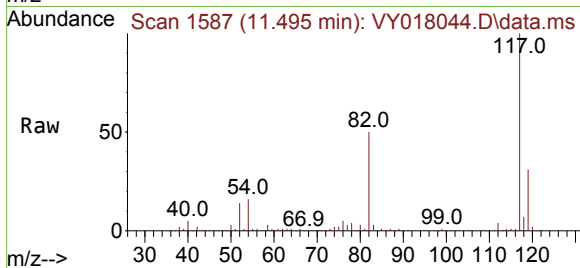
Tgt Ion:117 Resp: 535258

Ion Ratio Lower Upper

117 100

82 50.2 42.4 63.6

119 31.5 25.9 38.9



#64

Tetrachloroethene

Concen: 21.959 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY018044.D

Acq: 25 Apr 2024 12:21

Tgt Ion:164 Resp: 84197

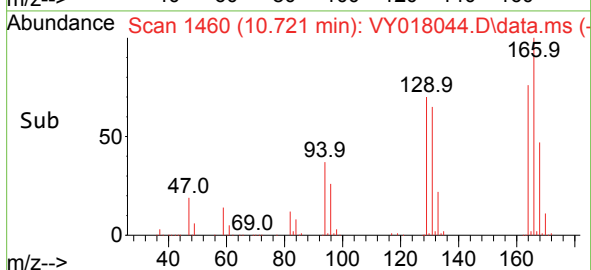
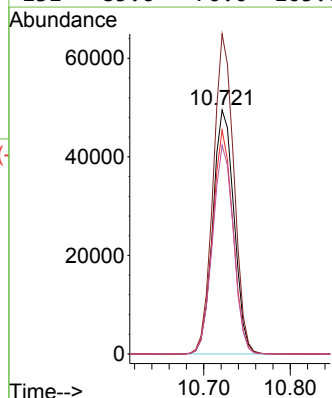
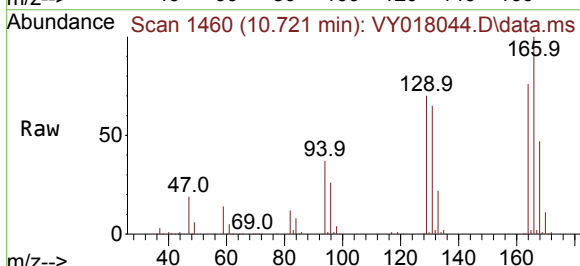
Ion Ratio Lower Upper

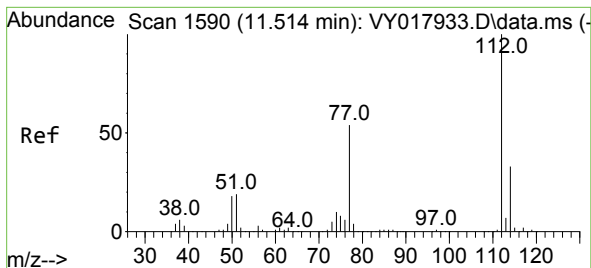
164 100

166 131.1 102.6 154.0

129 91.7 72.0 108.0

131 85.6 70.0 105.0





#65

Chlorobenzene

Concen: 21.859 ug/l

RT: 11.520 min Scan# 1590

Delta R.T. 0.006 min

Lab File: VY018044.D

Acq: 25 Apr 2024 12:21

Instrument :

MSVOA_Y

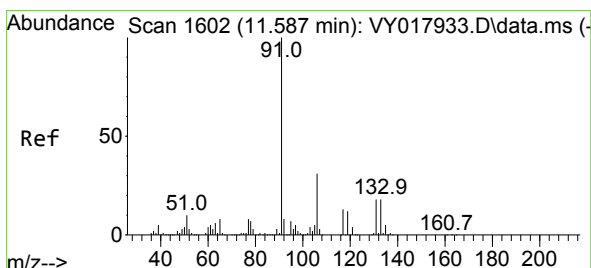
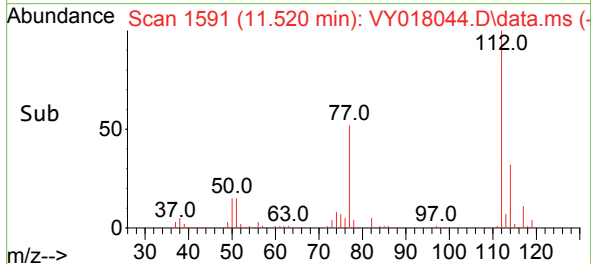
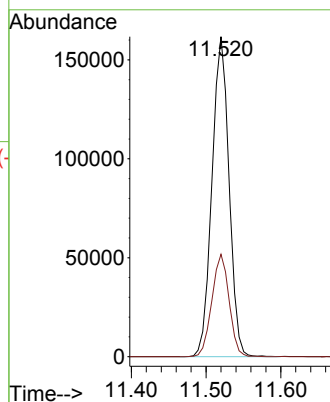
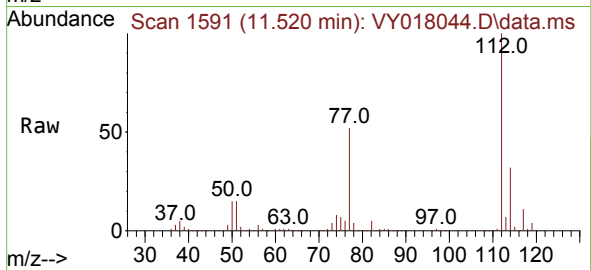
ClientSampleId :

Tgt Ion:112 Resp: 256428

Ion Ratio Lower Upper

112 100

114 32.0 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 22.287 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY018044.D

Acq: 25 Apr 2024 12:21

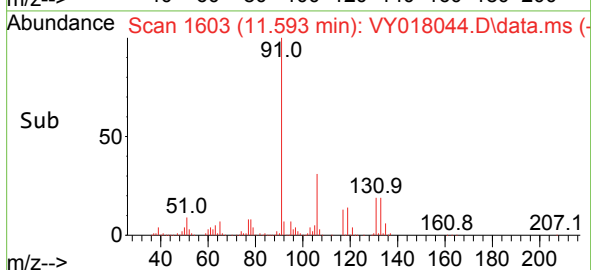
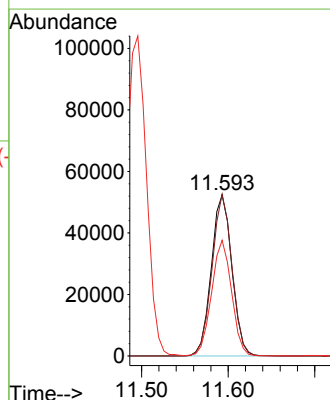
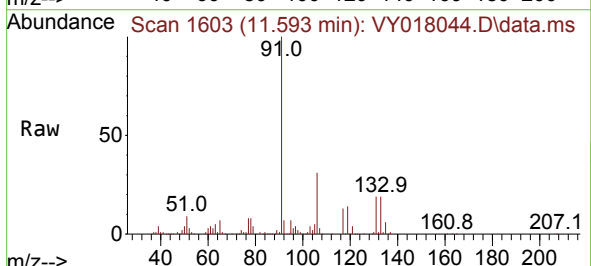
Tgt Ion:131 Resp: 86210

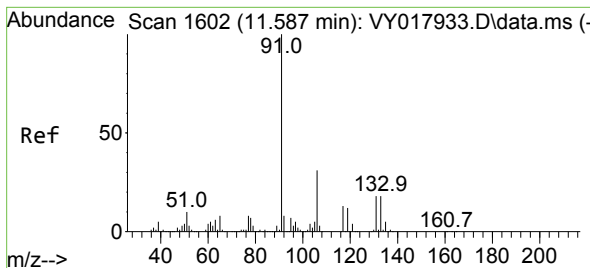
Ion Ratio Lower Upper

131 100

133 97.7 47.8 143.3

119 69.8 34.1 102.2





#67

Ethyl Benzene

Concen: 21.516 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY018044.D

Acq: 25 Apr 2024 12:21

Instrument :

MSVOA_Y

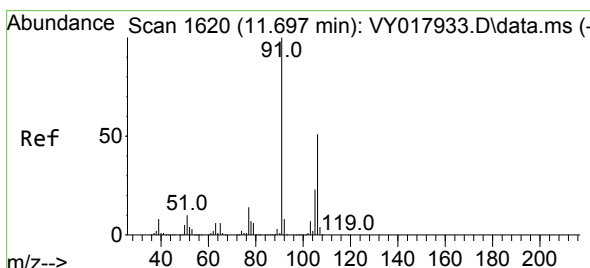
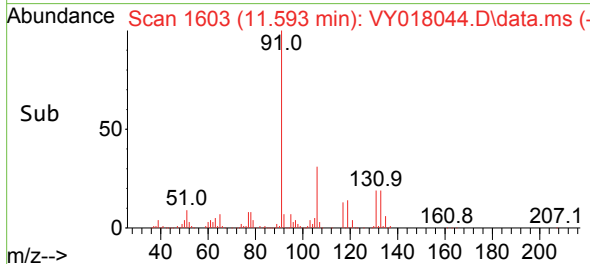
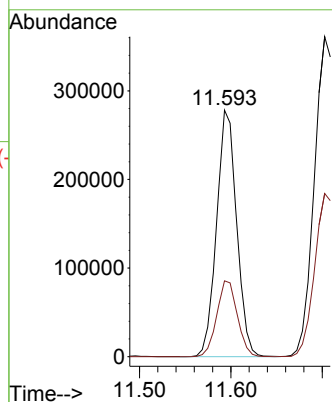
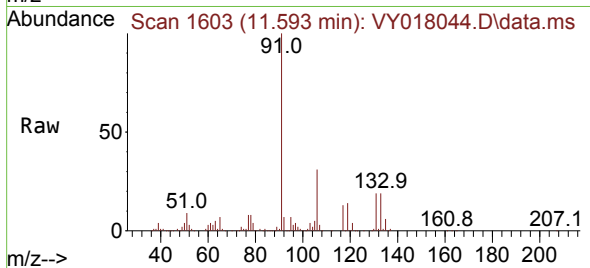
ClientSampleId :

Tgt Ion: 91 Resp: 424994

Ion Ratio Lower Upper

91 100

106 30.7 24.5 36.7



#68

m/p-Xylenes

Concen: 43.788 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY018044.D

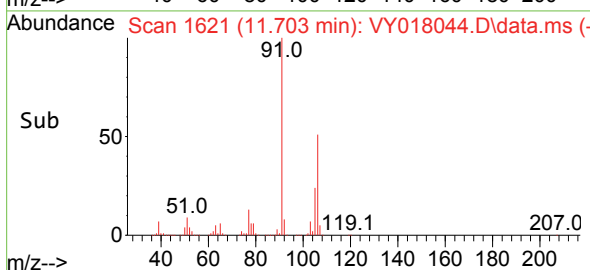
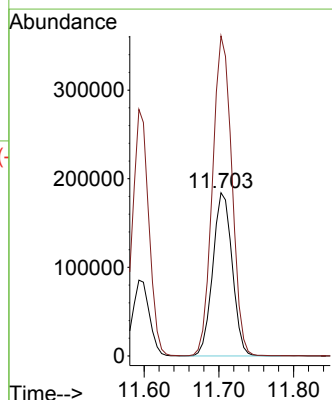
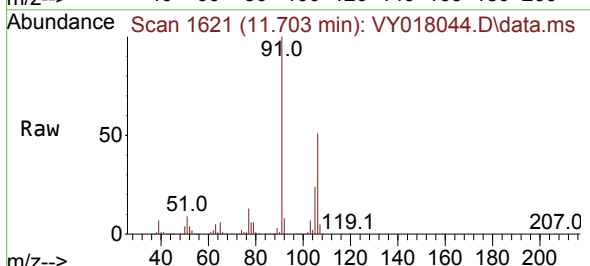
Acq: 25 Apr 2024 12:21

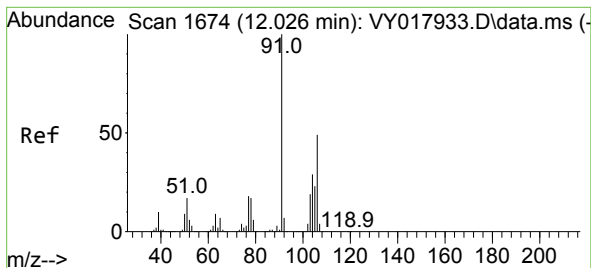
Tgt Ion: 106 Resp: 332196

Ion Ratio Lower Upper

106 100

91 196.2 156.0 234.0





#69

o-Xylene

Concen: 21.933 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018044.D

Acq: 25 Apr 2024 12:21

Instrument :

MSVOA_Y

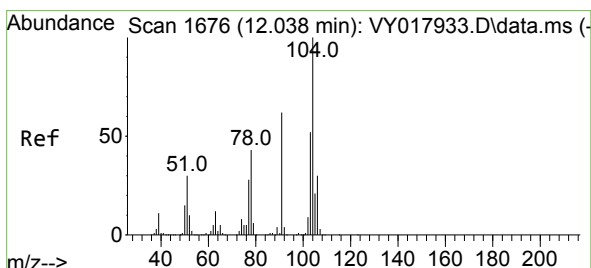
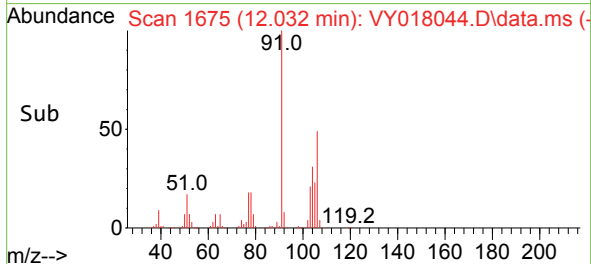
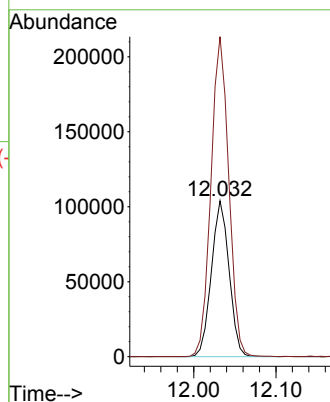
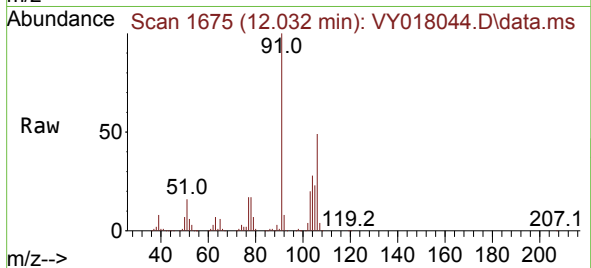
ClientSampleId :

Tgt Ion:106 Resp: 155393

Ion Ratio Lower Upper

106 100

91 206.8 103.6 310.8



#70

Styrene

Concen: 22.546 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY018044.D

Acq: 25 Apr 2024 12:21

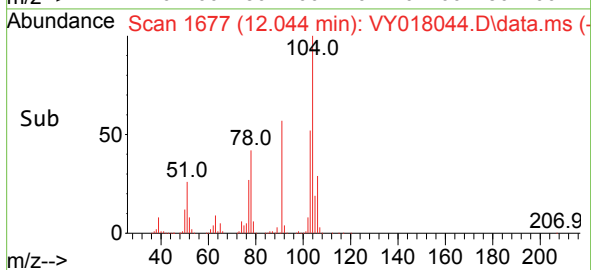
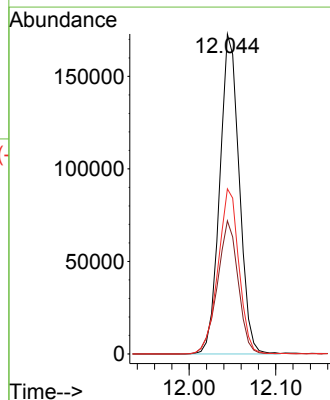
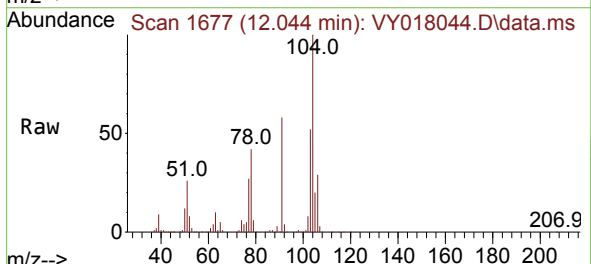
Tgt Ion:104 Resp: 269967

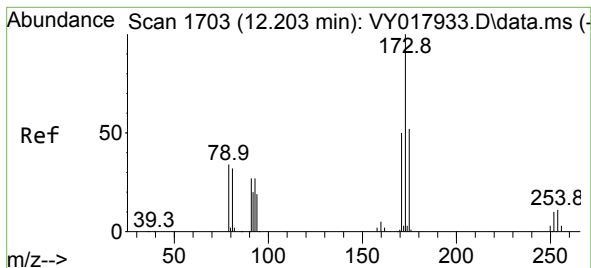
Ion Ratio Lower Upper

104 100

78 44.5 37.0 55.4

103 55.3 44.2 66.2





#71

Bromoform

Concen: 23.455 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018044.D

Acq: 25 Apr 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

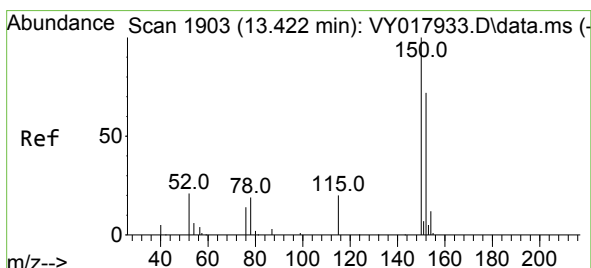
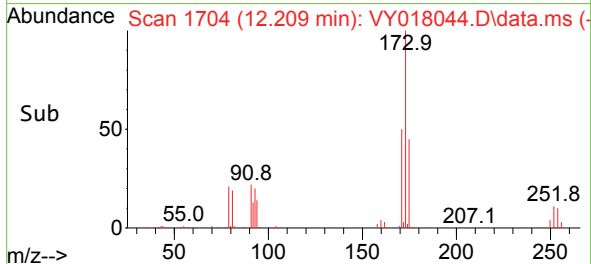
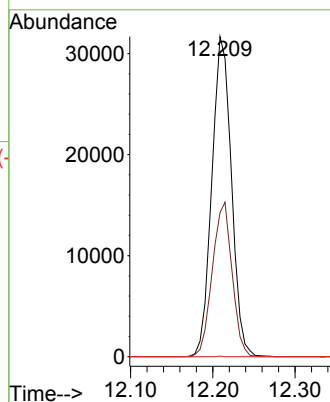
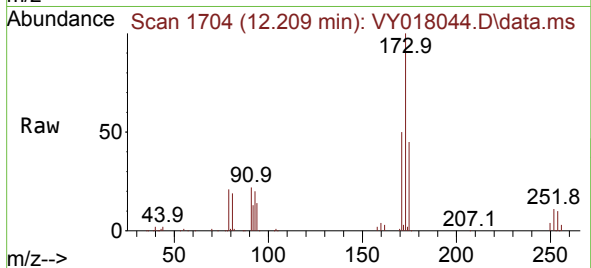
Tgt Ion:173 Resp: 52421

Ion Ratio Lower Upper

173 100

175 48.5 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: VY018044.D

Acq: 25 Apr 2024 12:21

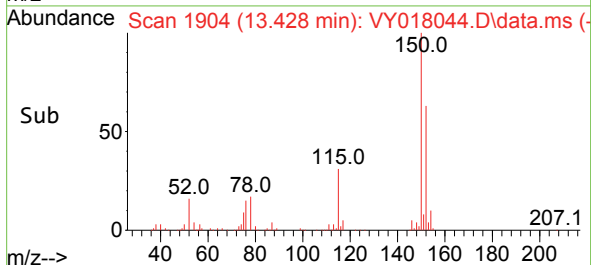
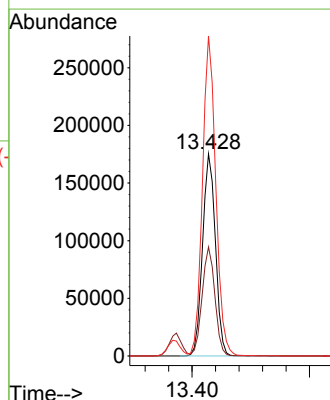
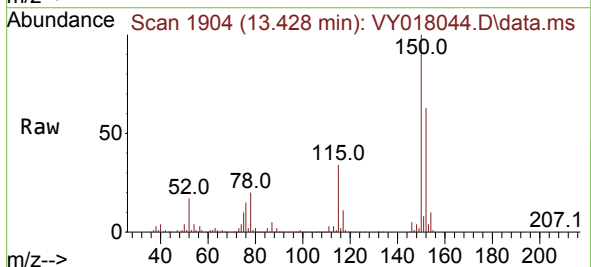
Tgt Ion:152 Resp: 266070

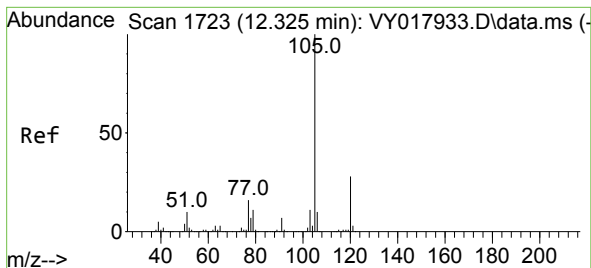
Ion Ratio Lower Upper

152 100

115 53.2 28.2 84.7

150 163.6 0.0 345.6





#73

Isopropylbenzene

Concen: 20.924 ug/l

RT: 12.331 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018044.D

Acq: 25 Apr 2024 12:21

Instrument :

MSVOA_Y

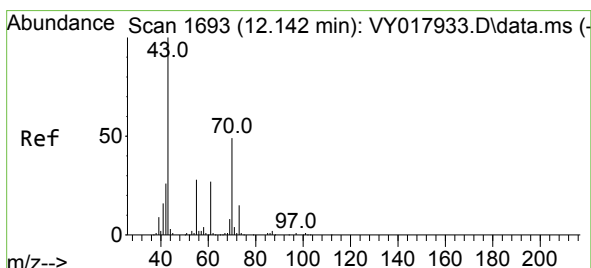
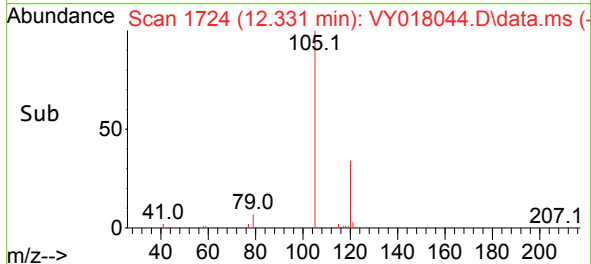
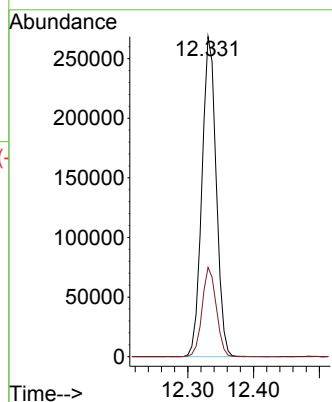
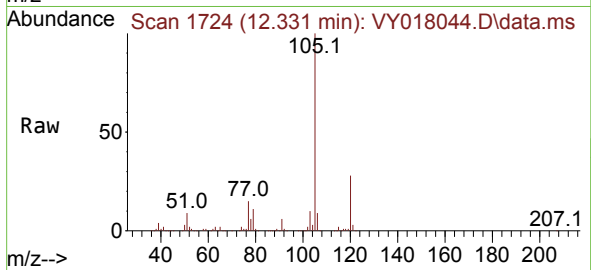
ClientSampleId :

Tgt Ion:105 Resp: 405665

Ion Ratio Lower Upper

105 100

120 27.6 13.4 40.1



#74

N-ethyl acetate

Concen: 20.877 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY018044.D

Acq: 25 Apr 2024 12:21

Tgt Ion: 43 Resp: 81707

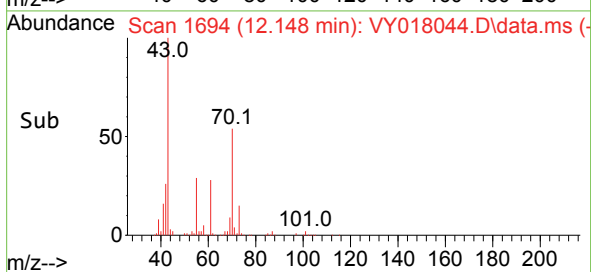
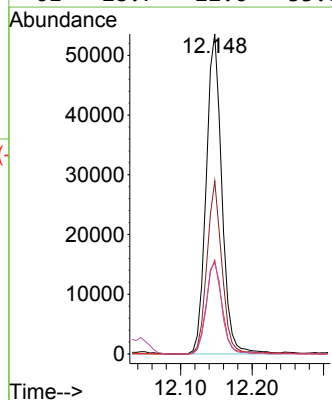
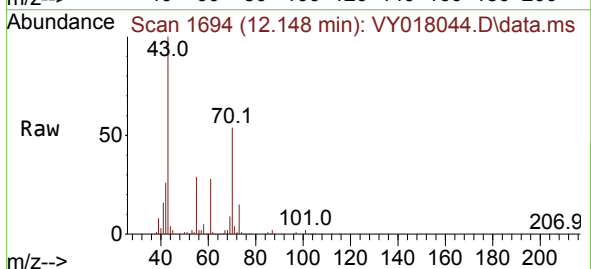
Ion Ratio Lower Upper

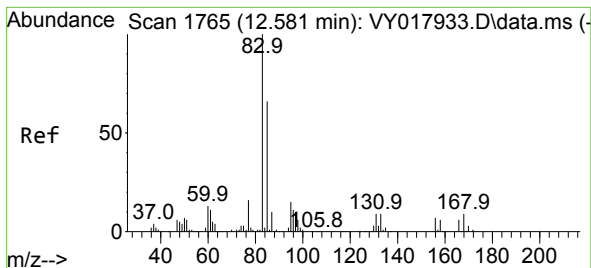
43 100

70 51.6 41.4 62.2

55 29.4 23.3 34.9

61 28.7 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 21.726 ug/l

RT: 12.587 min Scan# 1765

Delta R.T. 0.006 min

Lab File: VY018044.D

Acq: 25 Apr 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

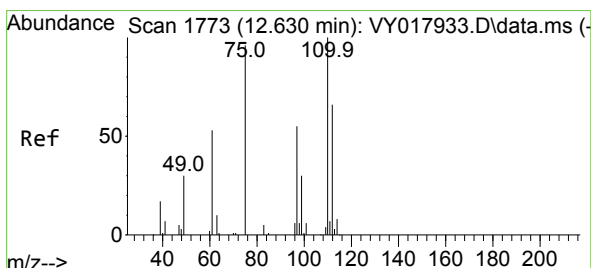
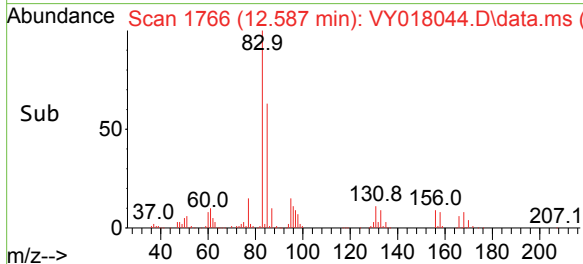
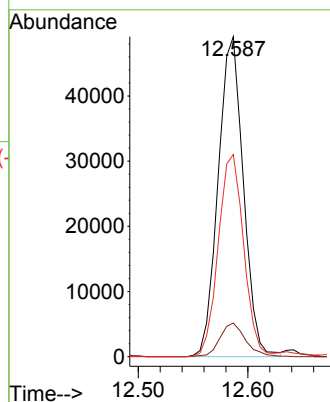
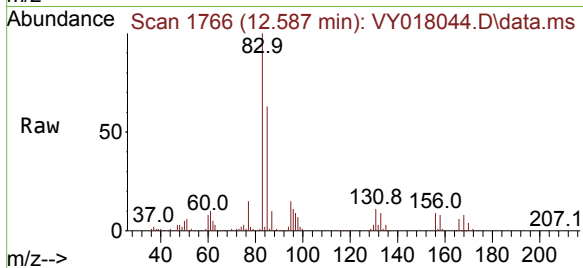
Tgt Ion: 83 Resp: 78557

Ion Ratio Lower Upper

83 100

131 10.7 5.0 14.9

85 63.7 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 37.307 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY018044.D

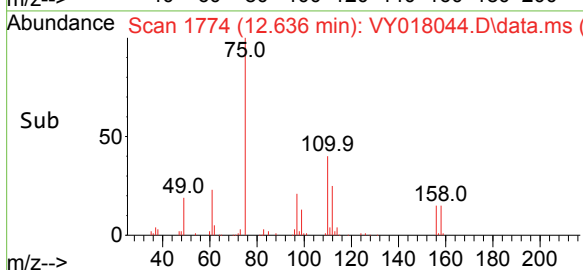
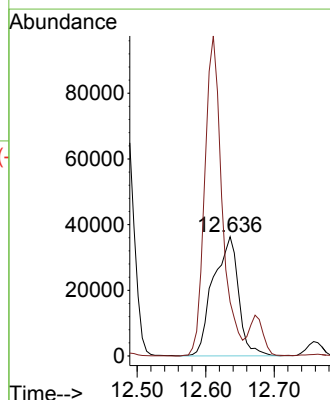
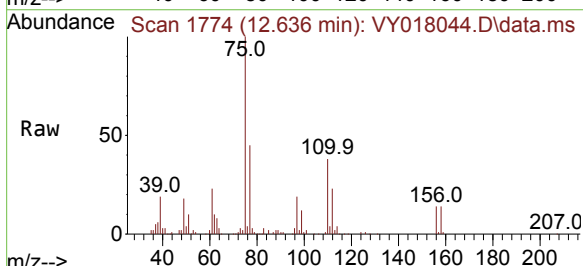
Acq: 25 Apr 2024 12:21

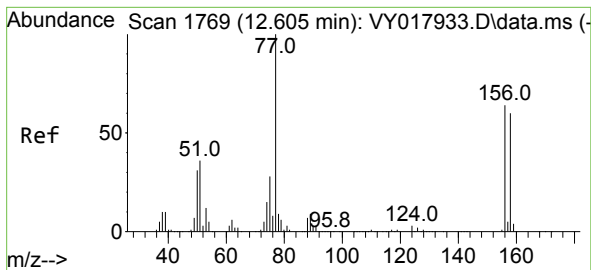
Tgt Ion: 75 Resp: 93147

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 22.123 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY018044.D

Acq: 25 Apr 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

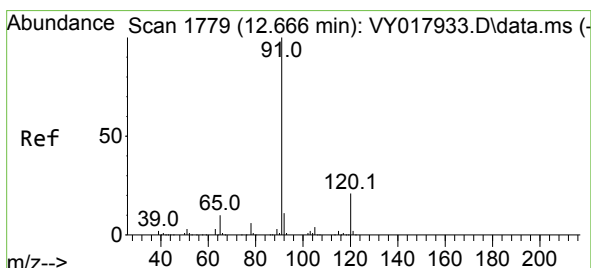
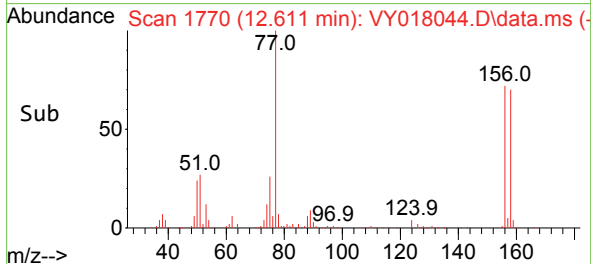
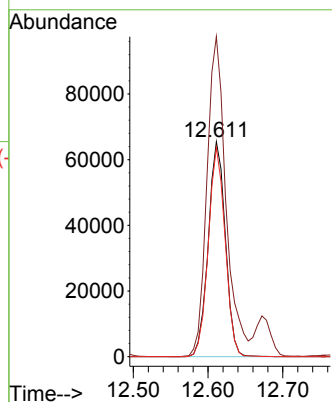
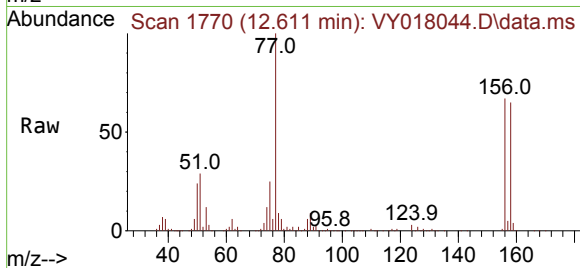
Tgt Ion:156 Resp: 103794

Ion Ratio Lower Upper

156 100

77 166.2 87.1 261.3

158 95.8 48.6 145.9



#78

n-propylbenzene

Concen: 21.050 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY018044.D

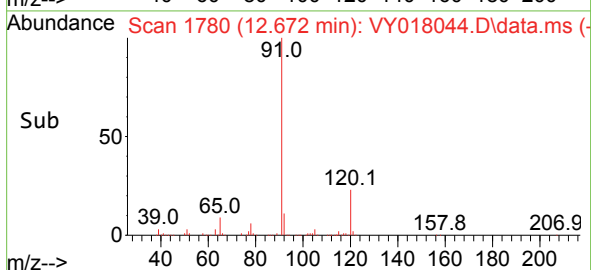
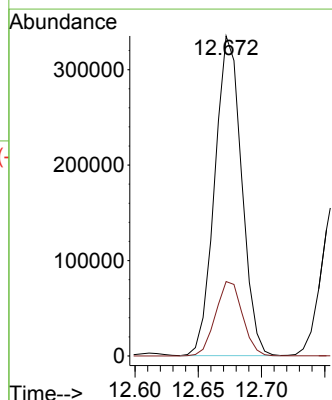
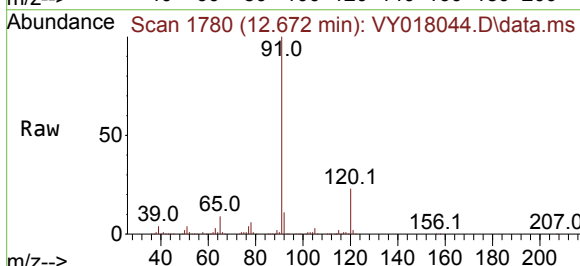
Acq: 25 Apr 2024 12:21

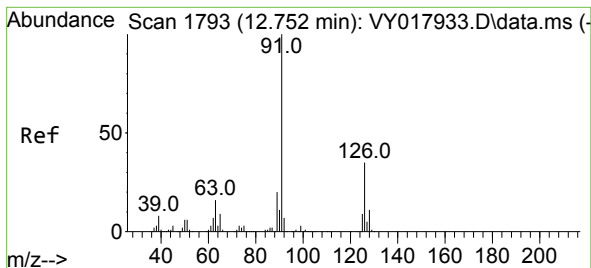
Tgt Ion: 91 Resp: 495160

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4

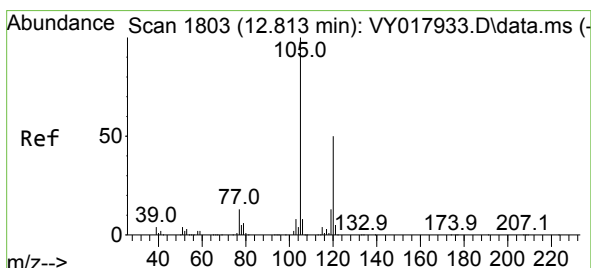
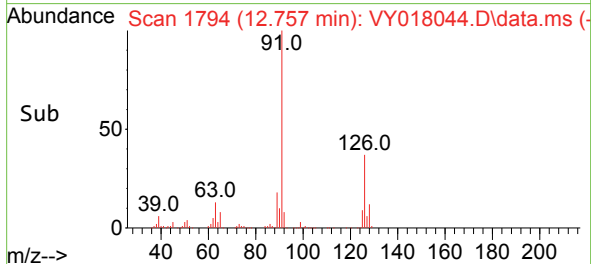
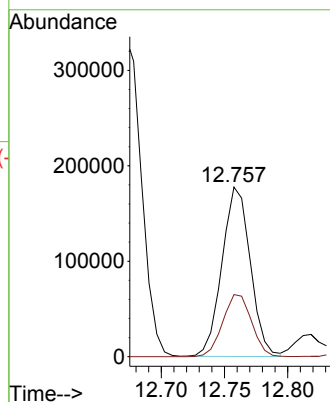
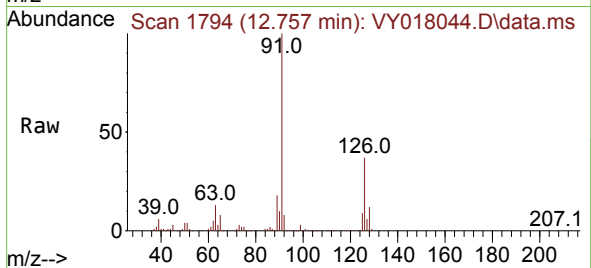




#79
2-Chlorotoluene
Concen: 21.020 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY018044.D
Acq: 25 Apr 2024 12:21

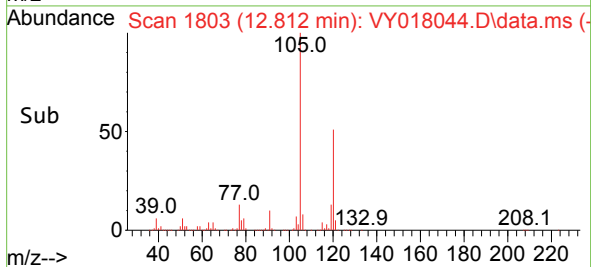
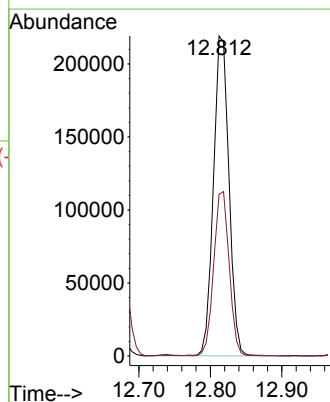
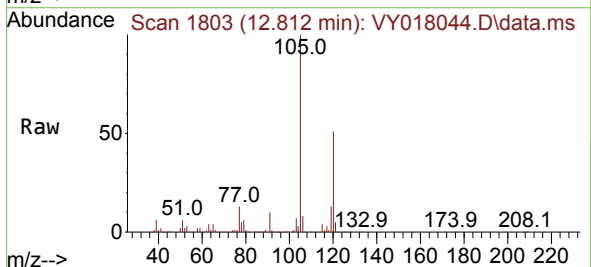
Instrument :
MSVOA_Y
ClientSampleId :

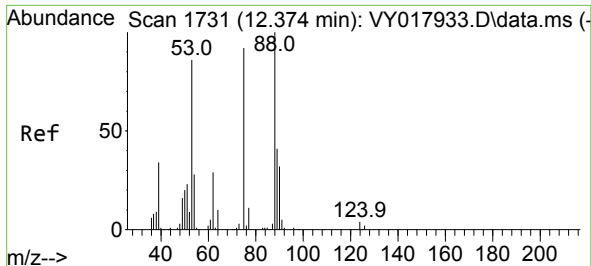
Tgt Ion: 91 Resp: 276752
Ion Ratio Lower Upper
91 100
126 37.3 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 21.477 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY018044.D
Acq: 25 Apr 2024 12:21

Tgt Ion: 105 Resp: 330174
Ion Ratio Lower Upper
105 100
120 51.5 25.1 75.2

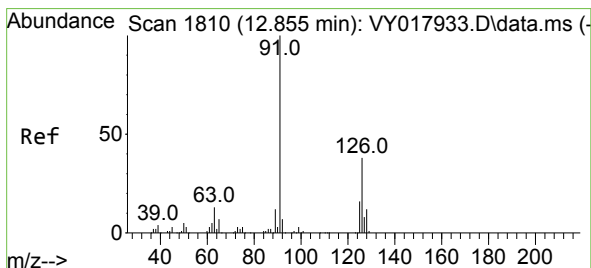
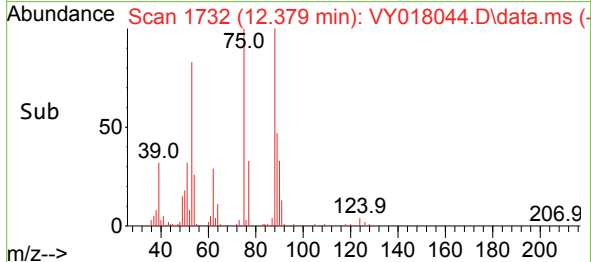
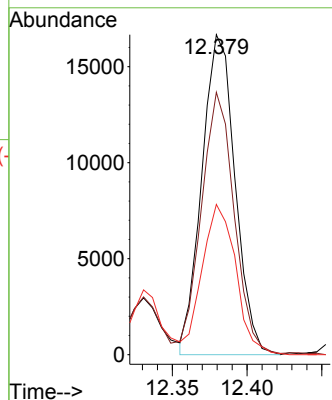
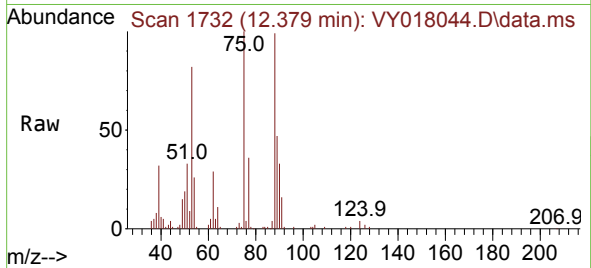




#81
trans-1,4-Dichloro-2-butene
Concen: 21.249 ug/l
RT: 12.379 min Scan# 1731
Delta R.T. -0.000 min
Lab File: VY018044.D
Acq: 25 Apr 2024 12:21

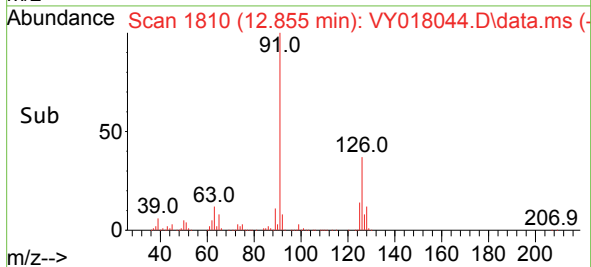
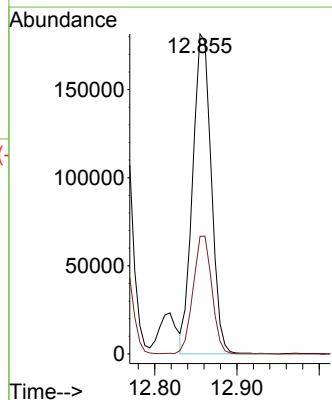
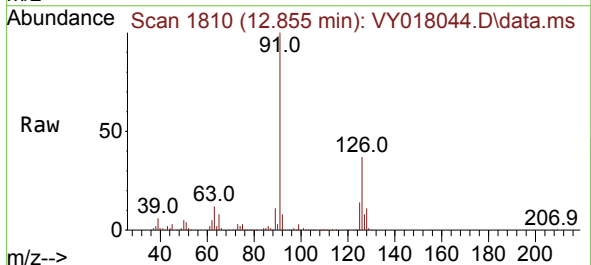
Instrument :
MSVOA_Y
ClientSampleId :

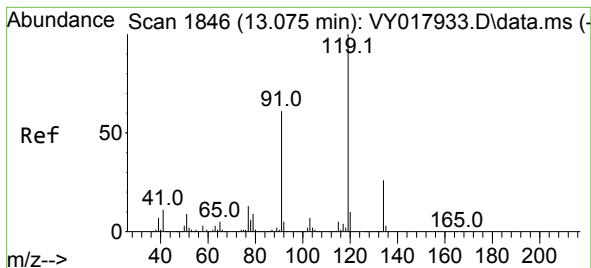
Tgt Ion: 75 Resp: 25731
Ion Ratio Lower Upper
75 100
53 82.4 66.8 100.2
89 47.6 35.8 53.6



#82
4-Chlorotoluene
Concen: 20.842 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY018044.D
Acq: 25 Apr 2024 12:21

Tgt Ion: 91 Resp: 284201
Ion Ratio Lower Upper
91 100
126 37.4 17.6 52.9





#83

tert-Butylbenzene

Concen: 20.941 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY018044.D

Acq: 25 Apr 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

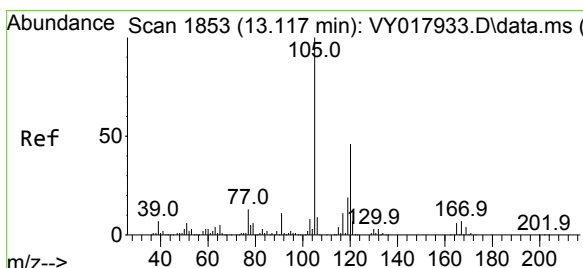
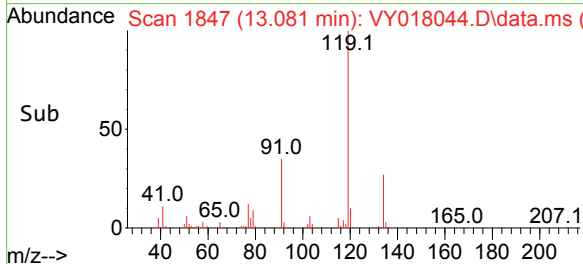
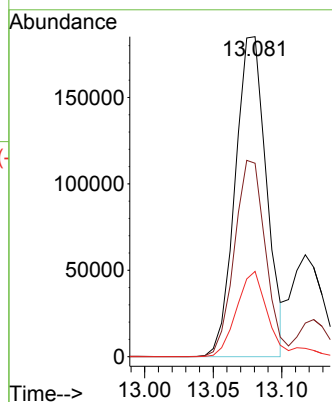
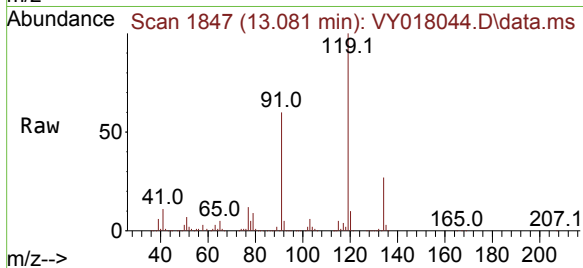
Tgt Ion:119 Resp: 294033

Ion Ratio Lower Upper

119 100

91 61.0 31.3 93.8

134 27.9 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 21.417 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY018044.D

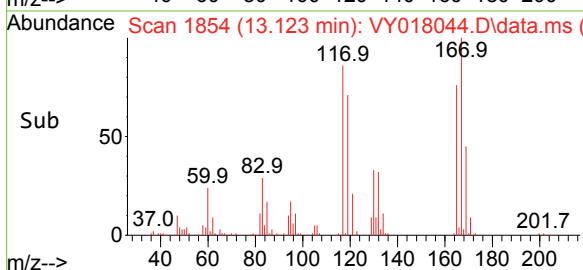
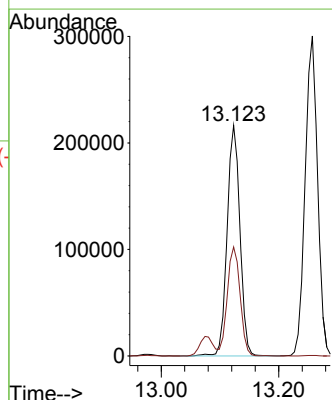
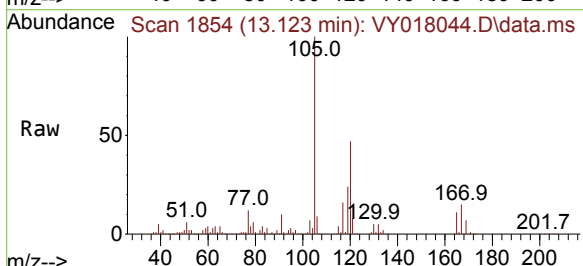
Acq: 25 Apr 2024 12:21

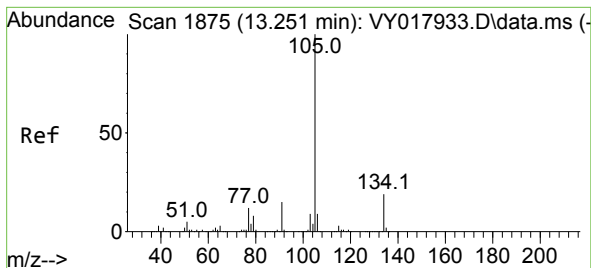
Tgt Ion:105 Resp: 327884

Ion Ratio Lower Upper

105 100

120 47.1 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.842 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY018044.D

Acq: 25 Apr 2024 12:21

Instrument :

MSVOA_Y

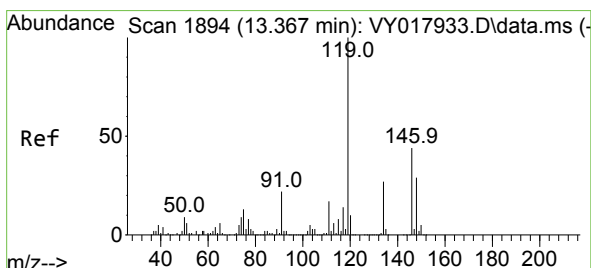
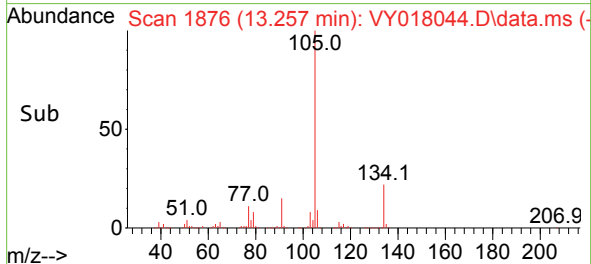
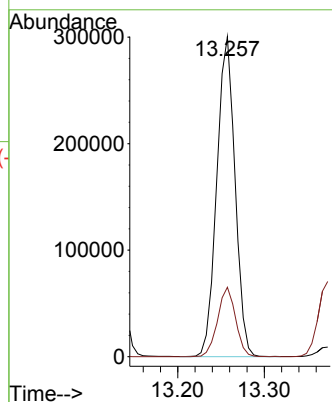
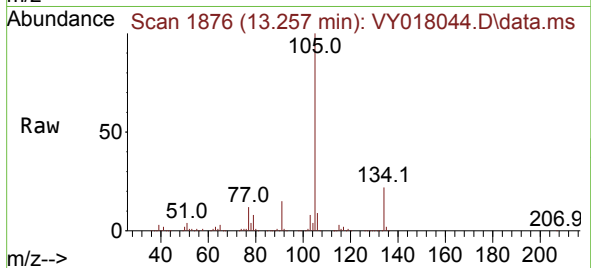
ClientSampleId :

Tgt Ion:105 Resp: 439546

Ion Ratio Lower Upper

105 100

134 21.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 21.295 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY018044.D

Acq: 25 Apr 2024 12:21

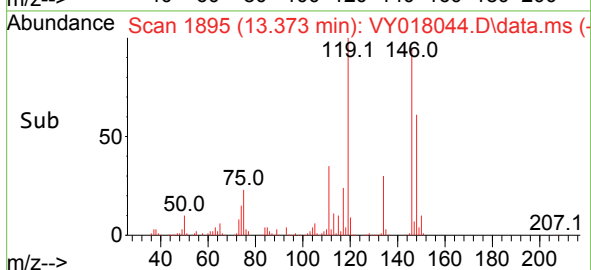
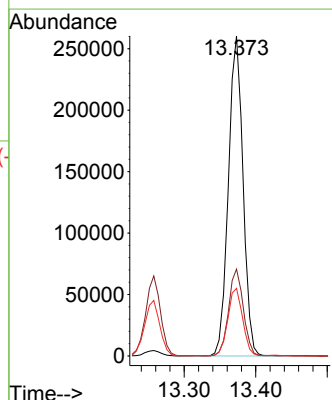
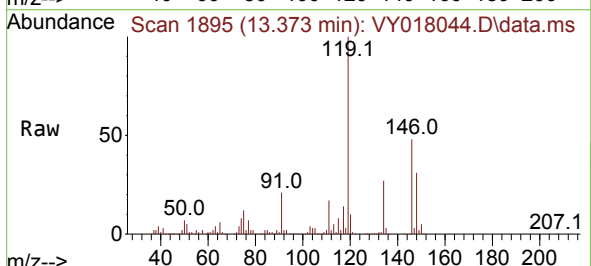
Tgt Ion:119 Resp: 369031

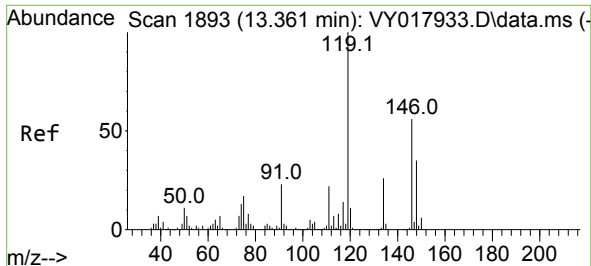
Ion Ratio Lower Upper

119 100

134 27.4 13.1 39.3

91 21.4 10.7 32.1

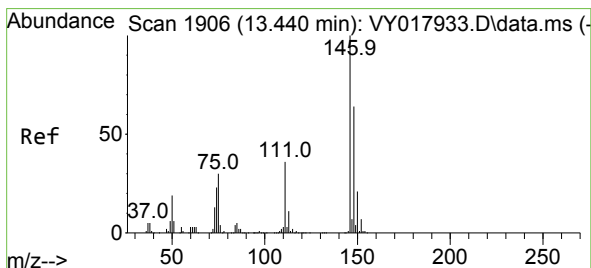
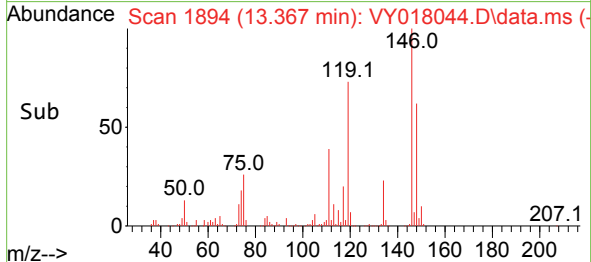
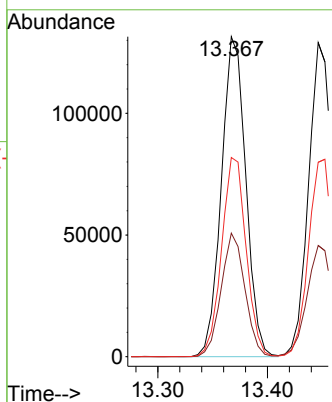
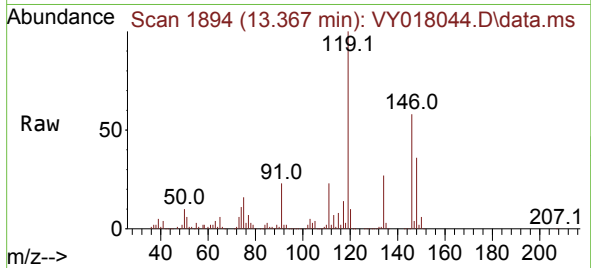




#87
1,3-Dichlorobenzene
Concen: 21.895 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018044.D
Acq: 25 Apr 2024 12:21

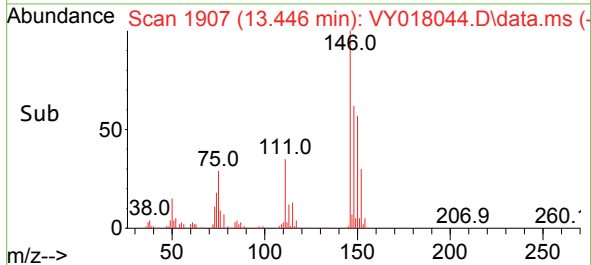
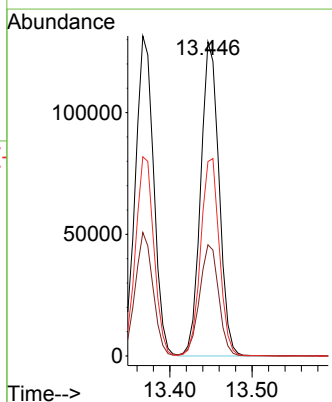
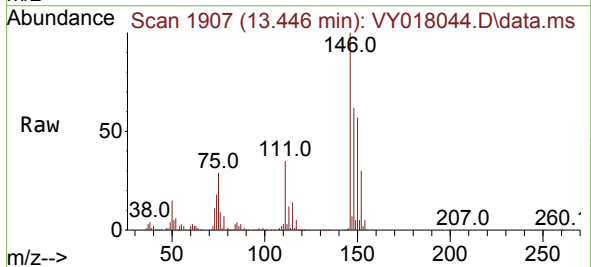
Instrument :
MSVOA_Y
ClientSampleId :

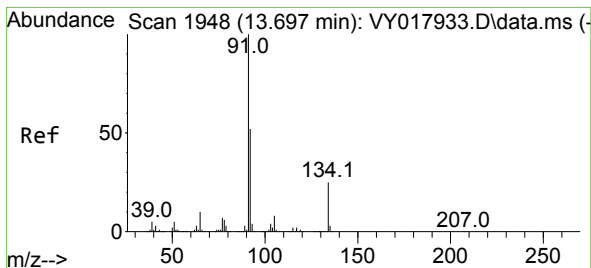
Tgt Ion:146 Resp: 203816
Ion Ratio Lower Upper
146 100
111 37.6 19.0 57.0
148 62.5 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 21.894 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY018044.D
Acq: 25 Apr 2024 12:21

Tgt Ion:146 Resp: 200078
Ion Ratio Lower Upper
146 100
111 36.9 18.4 55.4
148 64.0 32.4 97.2





#89

n-Butylbenzene

Concen: 20.468 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY018044.D

Acq: 25 Apr 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

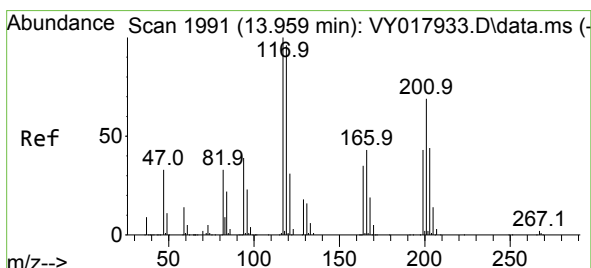
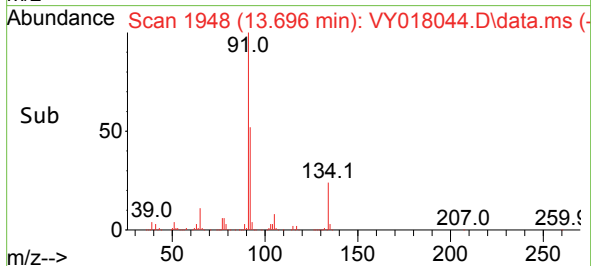
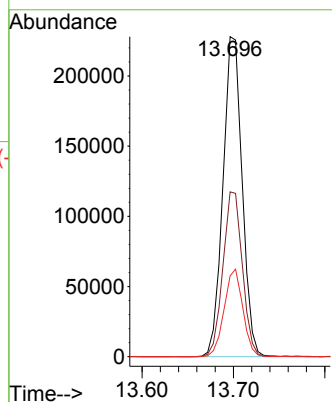
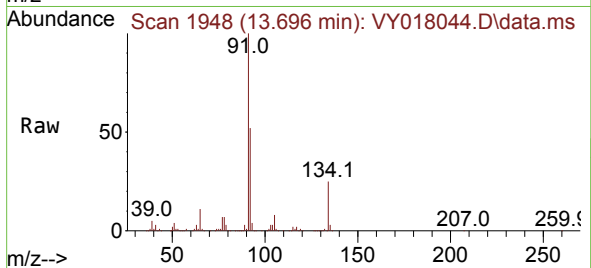
Tgt Ion: 91 Resp: 333701

Ion Ratio Lower Upper

91 100

92 52.2 26.6 79.7

134 26.7 12.9 38.7



#90

Hexachloroethane

Concen: 21.427 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY018044.D

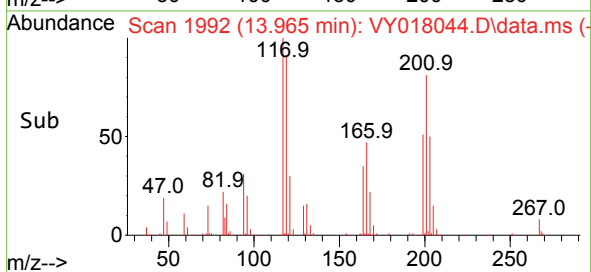
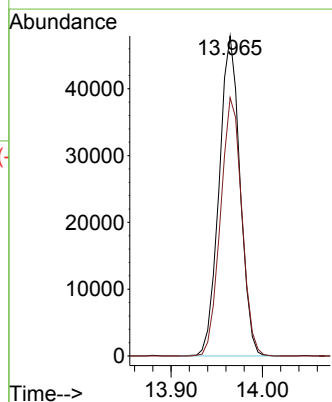
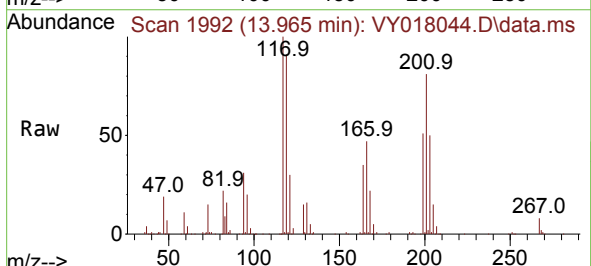
Acq: 25 Apr 2024 12:21

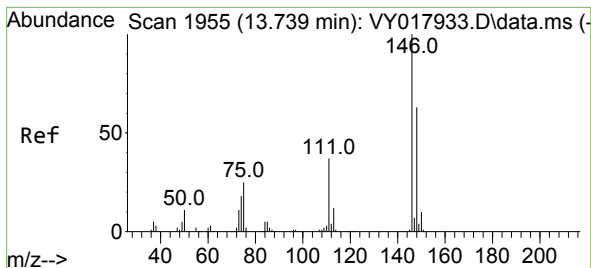
Tgt Ion: 117 Resp: 76139

Ion Ratio Lower Upper

117 100

201 82.2 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 22.075 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY018044.D

Acq: 25 Apr 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

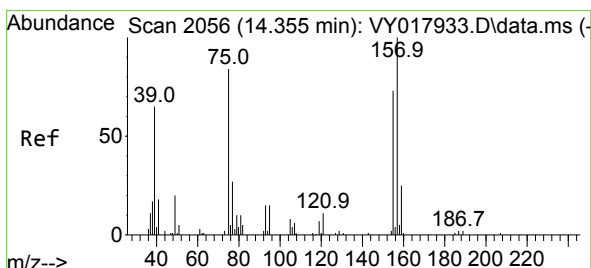
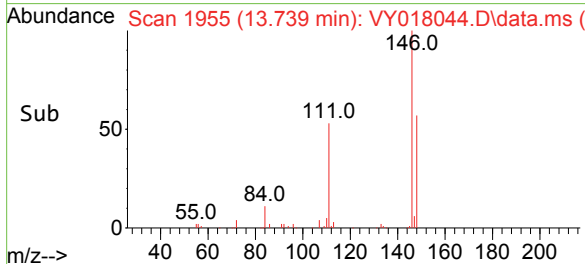
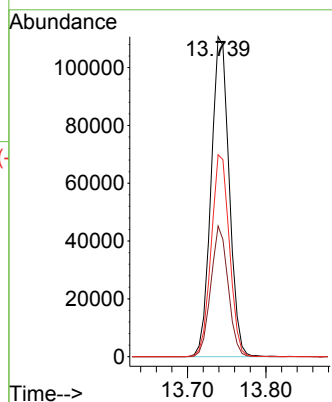
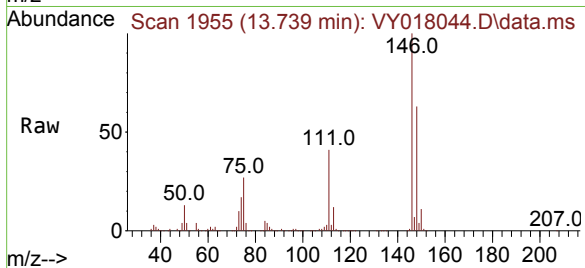
Tgt Ion:146 Resp: 177283

Ion Ratio Lower Upper

146 100

111 39.0 19.9 59.7

148 63.6 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.034 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY018044.D

Acq: 25 Apr 2024 12:21

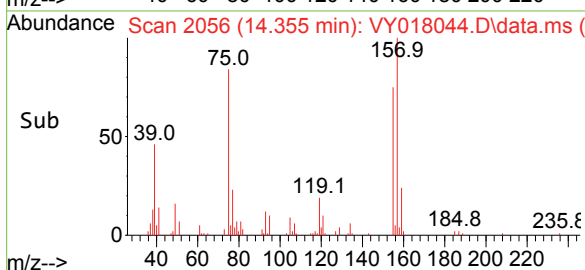
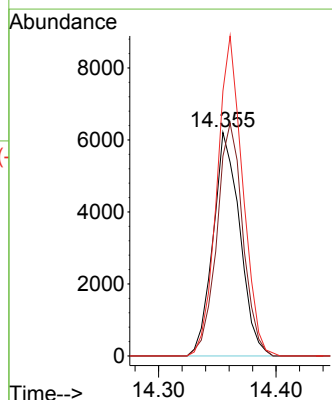
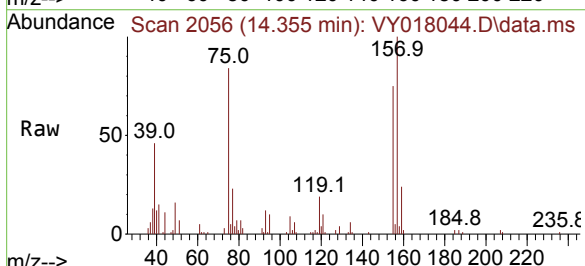
Tgt Ion: 75 Resp: 9783

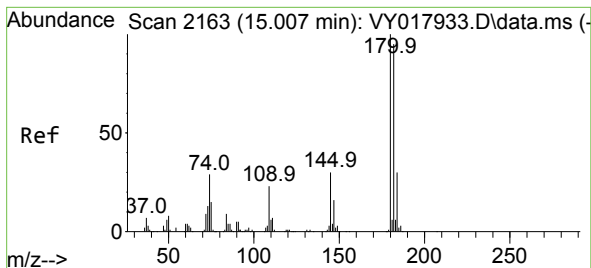
Ion Ratio Lower Upper

75 100

155 101.8 48.6 145.8

157 137.7 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 21.289 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY018044.D

Acq: 25 Apr 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

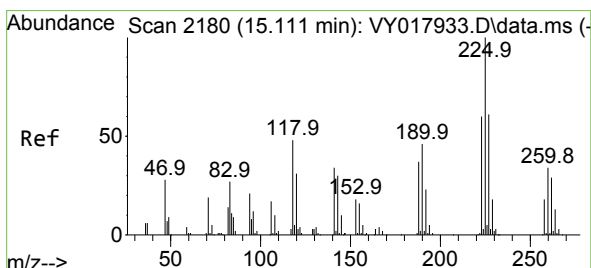
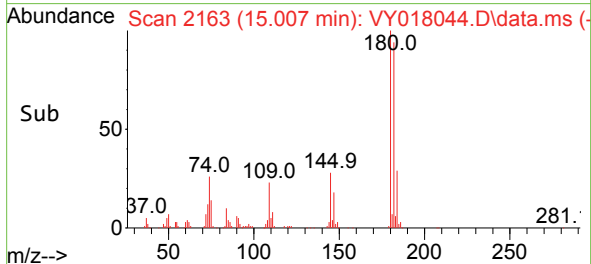
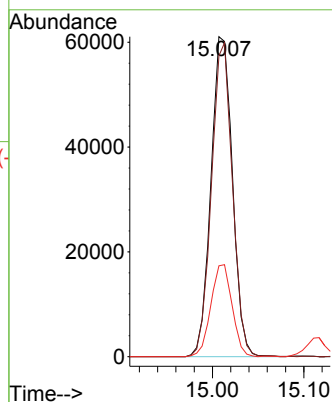
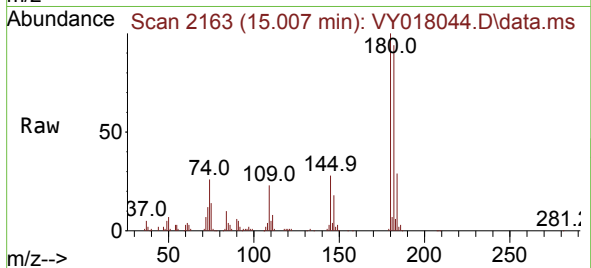
Tgt Ion:180 Resp: 99564

Ion Ratio Lower Upper

180 100

182 95.7 47.9 143.8

145 28.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 21.752 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY018044.D

Acq: 25 Apr 2024 12:21

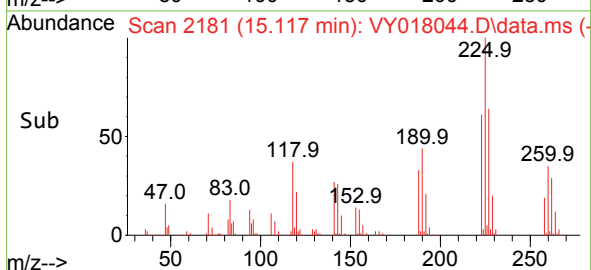
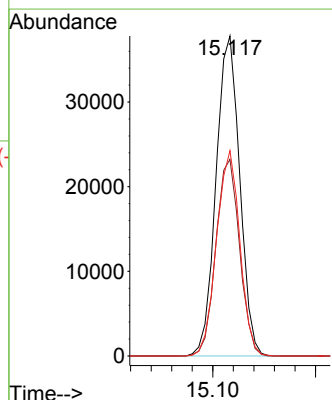
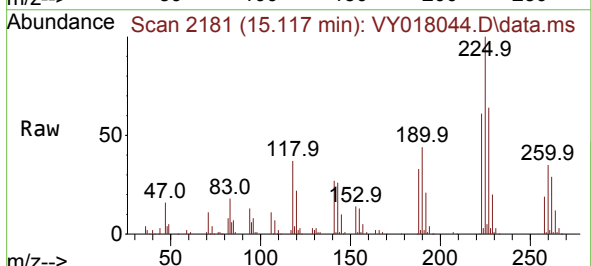
Tgt Ion:225 Resp: 60349

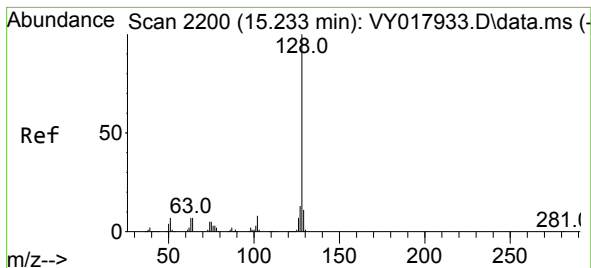
Ion Ratio Lower Upper

225 100

223 61.5 30.4 91.2

227 63.3 31.9 95.9





#95

Naphthalene

Concen: 21.564 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY018044.D

Acq: 25 Apr 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

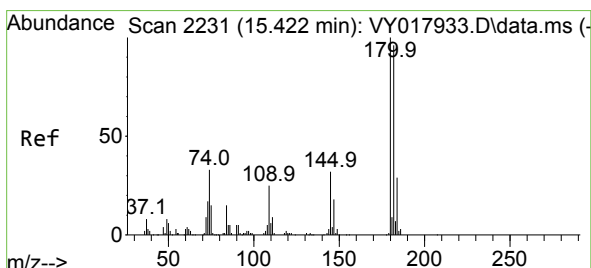
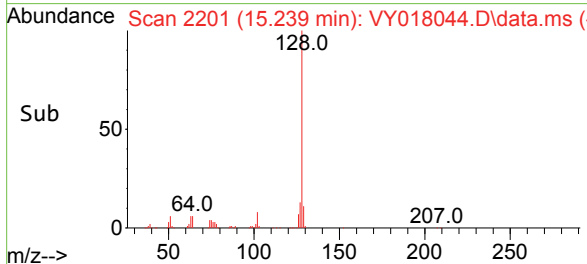
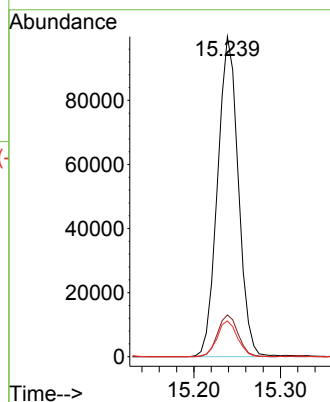
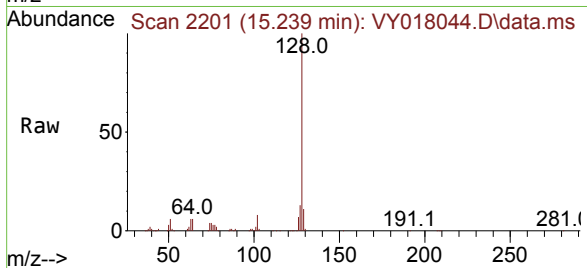
Tgt Ion:128 Resp: 166195

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 22.145 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY018044.D

Acq: 25 Apr 2024 12:21

Tgt Ion:180 Resp: 86904

Ion Ratio Lower Upper

180 100

182 94.0 47.6 142.9

145 29.9 15.4 46.1

