

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042524\
 Data File : VY018052.D
 Acq On : 25 Apr 2024 16:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 26 02:03:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	367510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	594311	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	526288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	253970	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	170509	53.614	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.220%	
35) Dibromofluoromethane	7.722	113	199722	54.472	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.940%	
50) Toluene-d8	10.185	98	781508	56.172	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.340%	
62) 4-Bromofluorobenzene	12.483	95	245705	57.024	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 114.040%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	135974	46.638	ug/l	99
3) Chloromethane	2.113	50	202669	41.952	ug/l	100
4) Vinyl Chloride	2.253	62	224773	41.279	ug/l	98
5) Bromomethane	2.656	94	162802	44.919	ug/l	99
6) Chloroethane	2.796	64	145959	42.459	ug/l	99
7) Trichlorofluoromethane	3.125	101	267421	43.577	ug/l	95
8) Diethyl Ether	3.527	74	97449	50.253	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	174110	45.560	ug/l	96
10) Methyl Iodide	4.094	142	255057	50.167	ug/l	98
11) Tert butyl alcohol	4.954	59	47945	208.311	ug/l #	80
12) 1,1-Dichloroethene	3.875	96	180344	48.612	ug/l	99
13) Acrolein	3.735	56	71079	286.970	ug/l	100
14) Allyl chloride	4.479	41	246024	51.244	ug/l	91
15) Acrylonitrile	5.161	53	193841	246.196	ug/l	100
16) Acetone	3.948	43	126708	201.637	ug/l	96
17) Carbon Disulfide	4.198	76	540683	45.814	ug/l	98
18) Methyl Acetate	4.479	43	81524	49.315	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	408832	50.565	ug/l	99
20) Methylene Chloride	4.716	84	216835	50.933	ug/l	99
21) trans-1,2-Dichloroethene	5.222	96	203310	50.027	ug/l	99
22) Diisopropyl ether	6.119	45	552436	52.488	ug/l	100
23) Vinyl Acetate	6.064	43	1530143	245.168	ug/l	99
24) 1,1-Dichloroethane	6.021	63	350434	50.995	ug/l	98
25) 2-Butanone	6.990	43	210165	227.534	ug/l	98
26) 2,2-Dichloropropane	6.984	77	266638	48.363	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	241350	51.999	ug/l	100
28) Bromochloromethane	7.338	49	141312	52.277	ug/l	98
29) Tetrahydrofuran	7.350	42	137144	233.973	ug/l	98
30) Chloroform	7.508	83	358816	51.090	ug/l	99
31) Cyclohexane	7.789	56	264827	43.565	ug/l	99
32) 1,1,1-Trichloroethane	7.704	97	291127	49.769	ug/l	98
36) 1,1-Dichloropropene	7.923	75	250311	46.943	ug/l	99
37) Ethyl Acetate	7.076	43	101546	46.288	ug/l	97
38) Carbon Tetrachloride	7.905	117	259243	48.123	ug/l	99
39) Methylcyclohexane	9.185	83	312269	44.939	ug/l	96
40) Benzene	8.161	78	842337	50.433	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	55141	39.833	ug/l	93
42) 1,2-Dichloroethane	8.240	62	184125	48.112	ug/l	99
43) Isopropyl Acetate	8.277	43	192076	46.969	ug/l	100
44) Trichloroethene	8.941	130	218422	51.463	ug/l	98
45) 1,2-Dichloropropane	9.222	63	195100	50.745	ug/l	99
46) Dibromomethane	9.307	93	103766	48.792	ug/l	95
47) Bromodichloromethane	9.502	83	266316	49.914	ug/l	97
48) Methyl methacrylate	9.295	41	88724	47.348	ug/l	97
49) 1,4-Dioxane	9.307	88	24061	991.055	ug/l #	97
51) 4-Methyl-2-Pentanone	10.075	43	511905	236.131	ug/l	100
52) Toluene	10.246	92	528045	51.521	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	242544	49.794	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	300302	50.186	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	143950	49.793	ug/l	97
56) Ethyl methacrylate	10.514	69	187289	49.693	ug/l	97
57) 1,3-Dichloropropane	10.794	76	245317	50.113	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	443822	226.546	ug/l	100
59) 2-Hexanone	10.837	43	348851	235.731	ug/l	99
60) Dibromochloromethane	10.990	129	192615	51.841	ug/l	99
61) 1,2-Dibromoethane	11.093	107	132803	49.291	ug/l	99
64) Tetrachloroethene	10.727	164	191331	50.750	ug/l	97
65) Chlorobenzene	11.520	112	592456	51.364	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	199207	52.376	ug/l	99
67) Ethyl Benzene	11.599	91	994270	51.194	ug/l	98
68) m/p-Xylenes	11.709	106	771936	103.485	ug/l	100
69) o-Xylene	12.032	106	368074	52.839	ug/l	100
70) Styrene	12.050	104	630107	53.519	ug/l	99
71) Bromoform	12.215	173	110829	50.434	ug/l #	98
73) Isopropylbenzene	12.337	105	938799	50.730	ug/l	98
74) N-amyl acetate	12.148	43	171407	45.884	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	158575	45.945	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	194971	81.810	ug/l #	100
77) Bromobenzene	12.611	156	232835	51.991	ug/l	94
78) n-propylbenzene	12.678	91	1123517	50.038	ug/l	98
79) 2-Chlorotoluene	12.764	91	634603	50.495	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	748736	51.025	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	53912	46.642	ug/l	96
82) 4-Chlorotoluene	12.861	91	649103	49.869	ug/l	98
83) tert-Butylbenzene	13.081	119	705471	52.638	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	753722	51.579	ug/l	99
85) sec-Butylbenzene	13.257	105	1006654	50.006	ug/l	98
86) p-Isopropyltoluene	13.373	119	840589	50.817	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	446766	50.280	ug/l	98
88) 1,4-Dichlorobenzene	13.453	146	434225	49.781	ug/l	99
89) n-Butylbenzene	13.703	91	761191	48.914	ug/l	99
90) Hexachloroethane	13.965	117	172332	50.807	ug/l	92
91) 1,2-Dichlorobenzene	13.745	146	386736	50.449	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	19883	44.787	ug/l	93
93) 1,2,4-Trichlorobenzene	15.013	180	226133	50.655	ug/l	98
94) Hexachlorobutadiene	15.117	225	134890	50.935	ug/l	99
95) Naphthalene	15.239	128	370897	50.418	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	188432	50.304	ug/l	100

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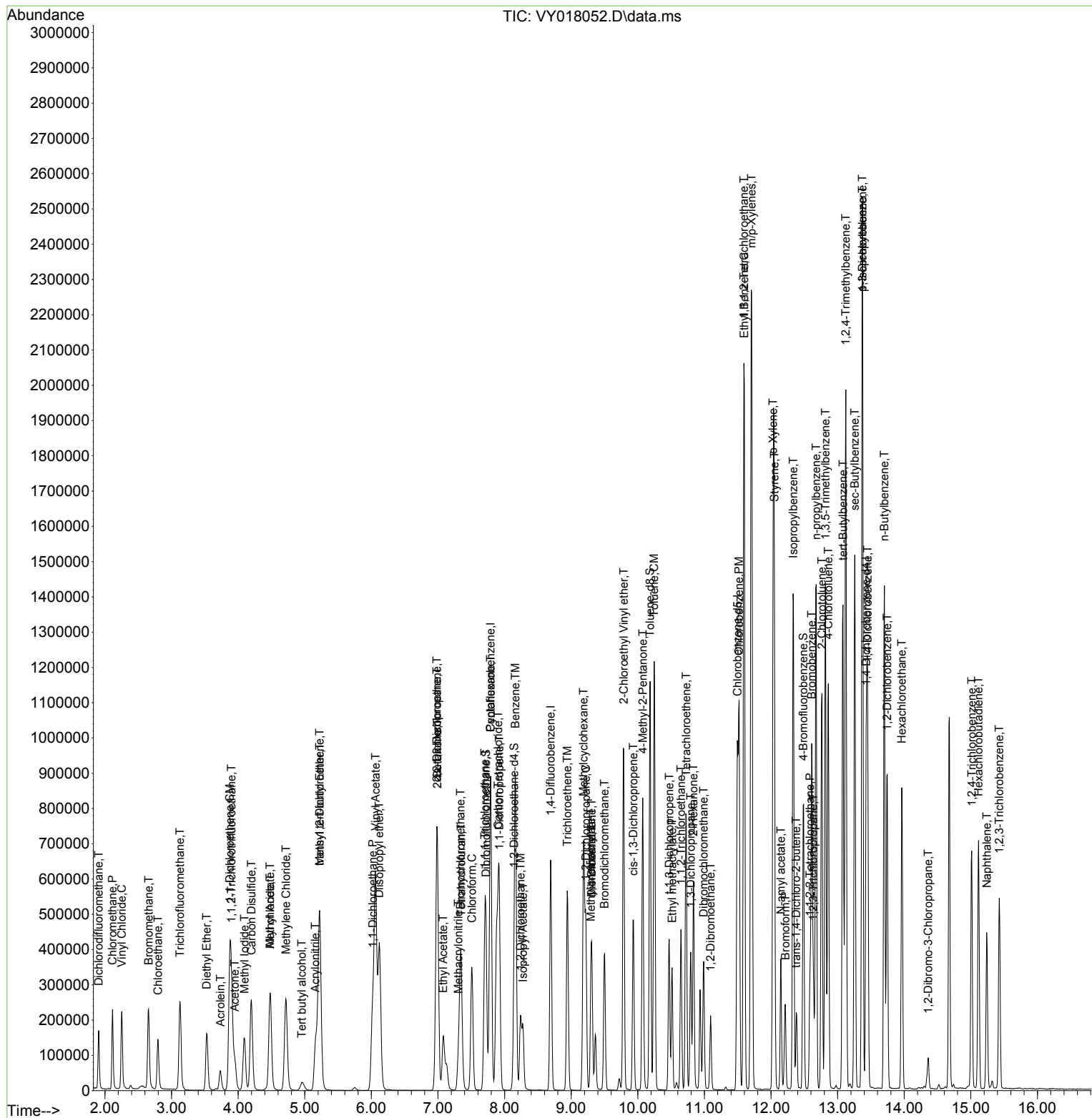
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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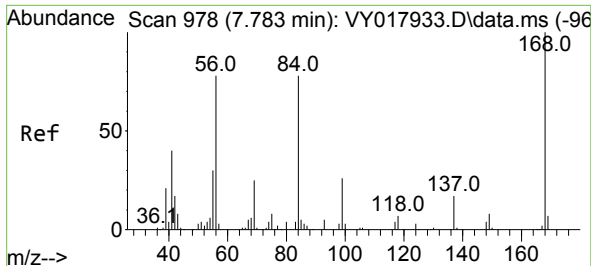
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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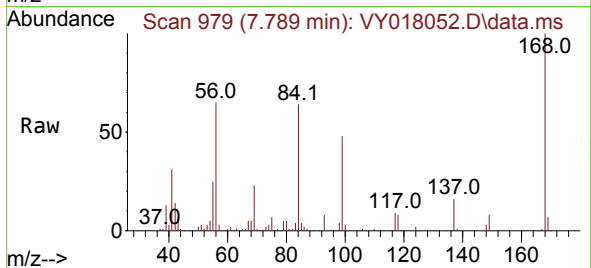
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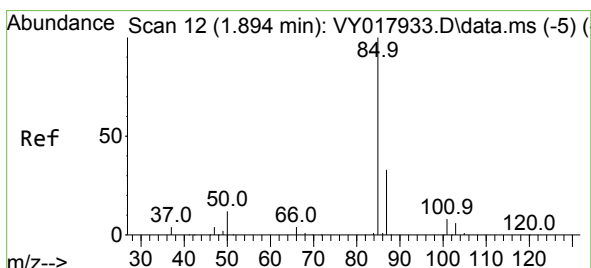
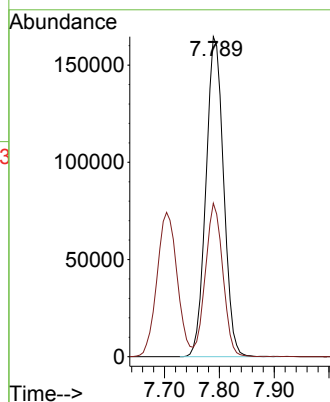
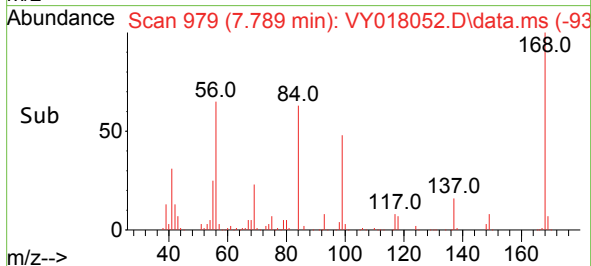


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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ClientSampleId :

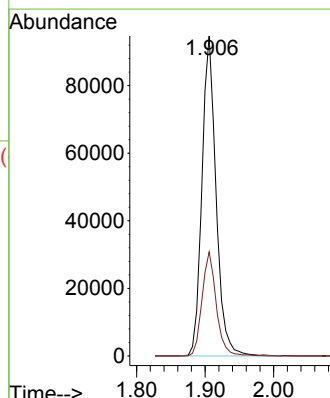
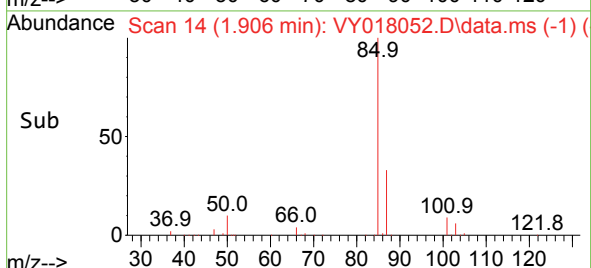
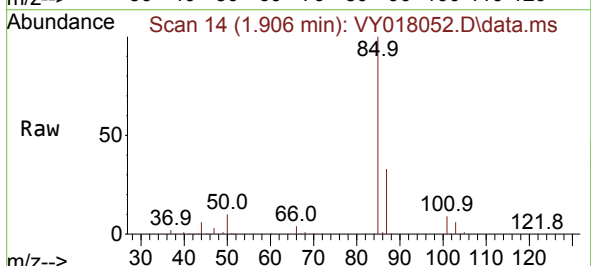


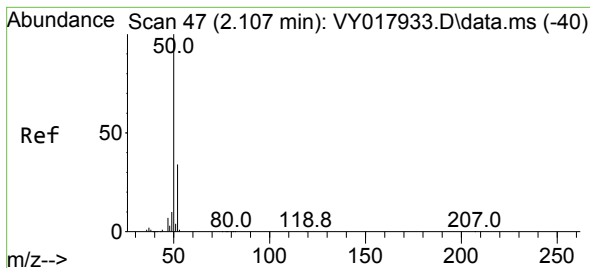
Tgt Ion:168 Resp: 367510
Ion Ratio Lower Upper
168 100
99 47.9 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 46.638 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY018052.D
Acq: 25 Apr 2024 16:43

Tgt Ion: 85 Resp: 135974
Ion Ratio Lower Upper
85 100
87 32.6 16.0 48.0





#3

Chloromethane

Concen: 41.952 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY018052.D

Acq: 25 Apr 2024 16:43

Instrument :

MSVOA_Y

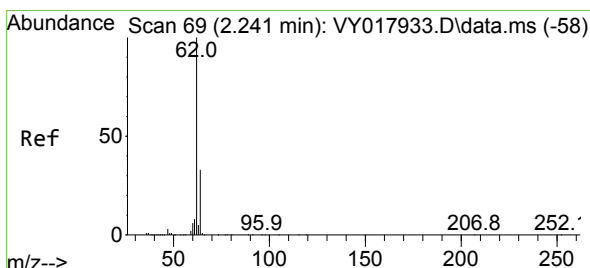
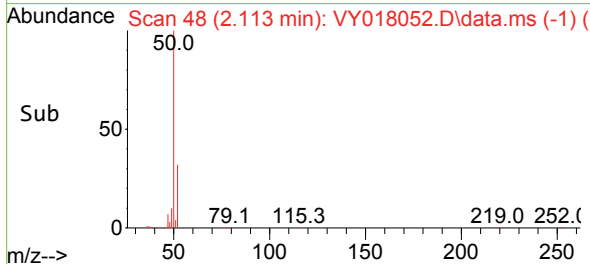
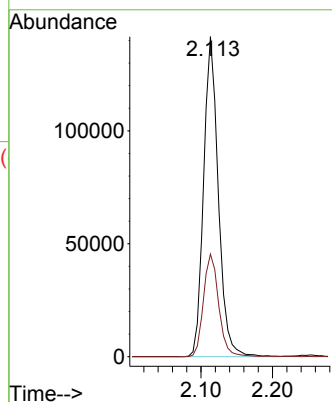
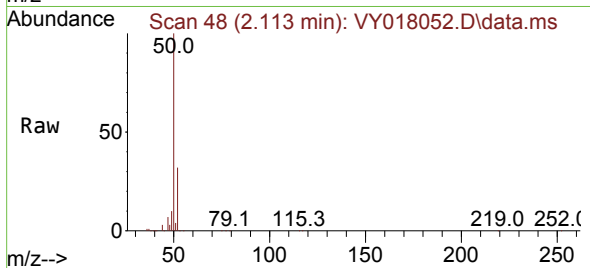
ClientSampleId :

Tgt Ion: 50 Resp: 202669

Ion Ratio Lower Upper

50 100

52 32.1 25.6 38.4



#4

Vinyl Chloride

Concen: 41.279 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.006 min

Lab File: VY018052.D

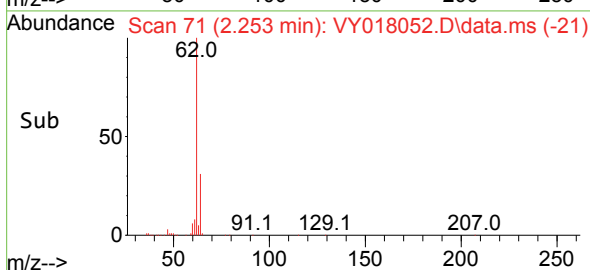
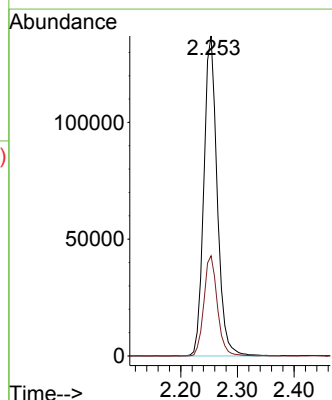
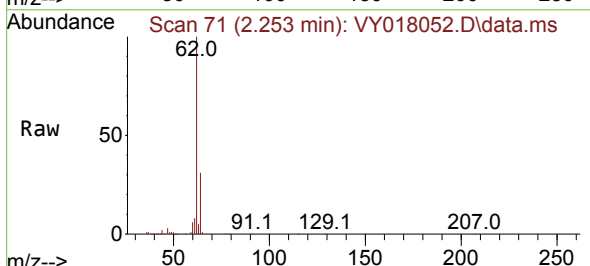
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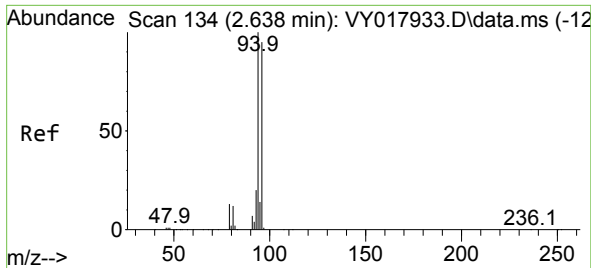
Tgt Ion: 62 Resp: 224773

Ion Ratio Lower Upper

62 100

64 31.3 26.1 39.1

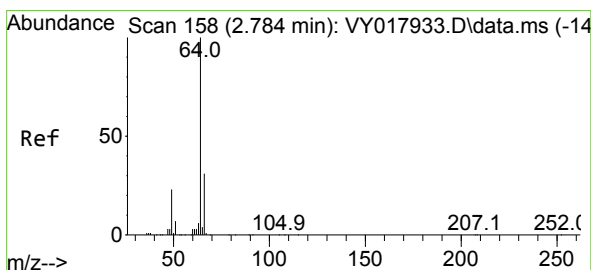
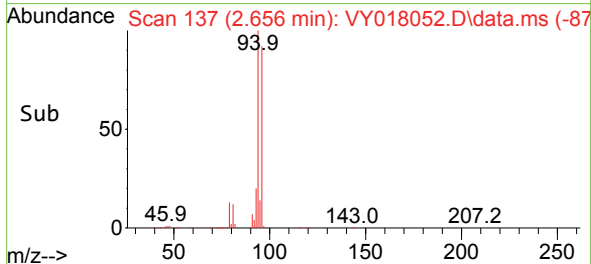
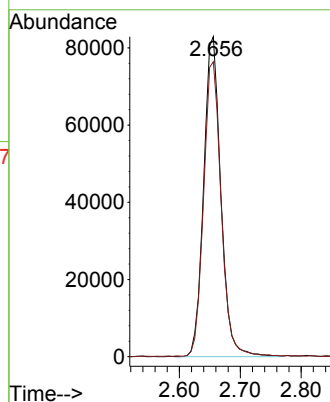
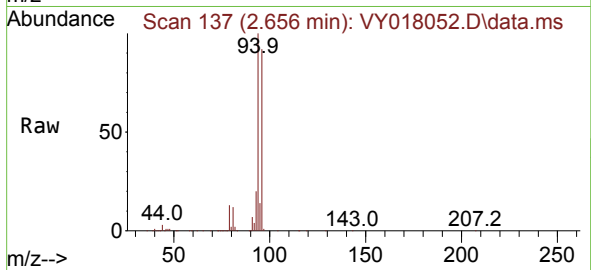




#5
Bromomethane
Concen: 44.919 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018052.D
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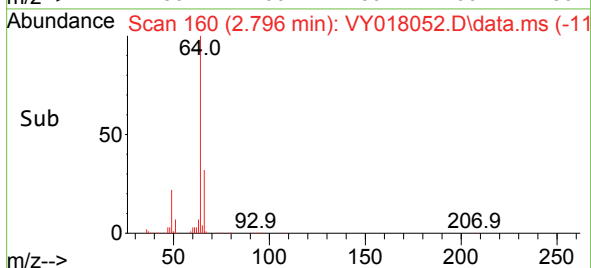
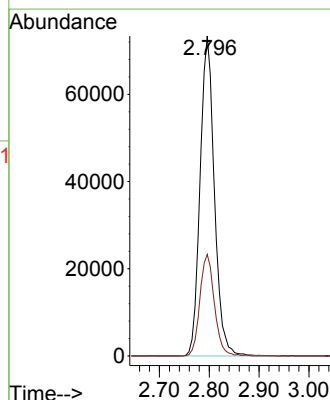
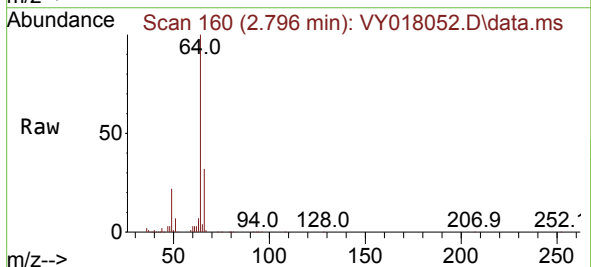
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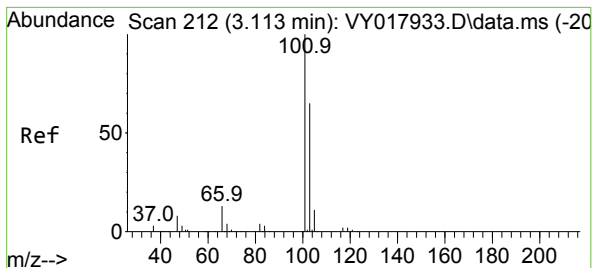
Tgt Ion: 94 Resp: 162802
Ion Ratio Lower Upper
94 100
96 92.0 74.1 111.1



#6
Chloroethane
Concen: 42.459 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY018052.D
Acq: 25 Apr 2024 16:43

Tgt Ion: 64 Resp: 145959
Ion Ratio Lower Upper
64 100
66 31.8 26.1 39.1





#7

Trichlorofluoromethane

Concen: 43.577 ug/l

RT: 3.125 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY018052.D

Acq: 25 Apr 2024 16:43

Instrument :

MSVOA_Y

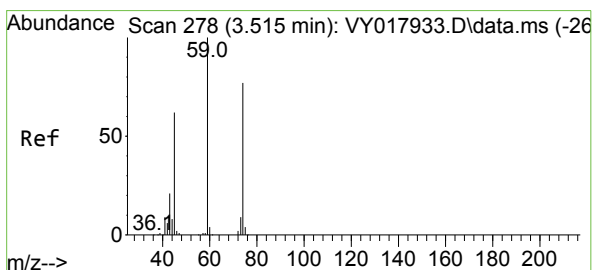
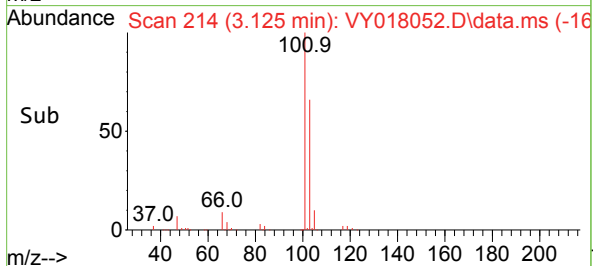
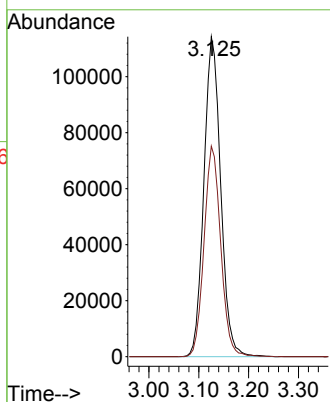
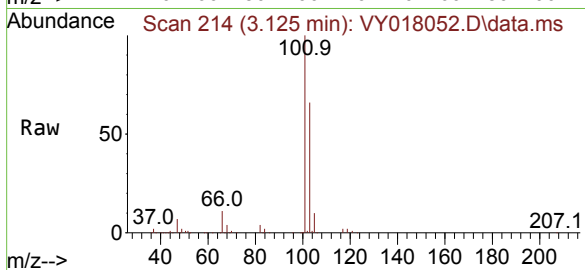
ClientSampleId :

Tgt Ion:101 Resp: 267421

Ion Ratio Lower Upper

101 100

103 65.8 49.3 73.9



#8

Diethyl Ether

Concen: 50.253 ug/l

RT: 3.527 min Scan# 280

Delta R.T. 0.000 min

Lab File: VY018052.D

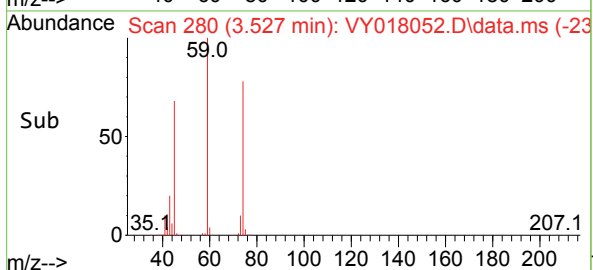
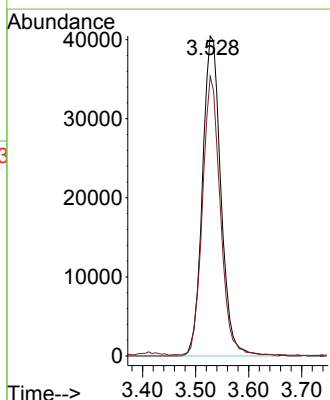
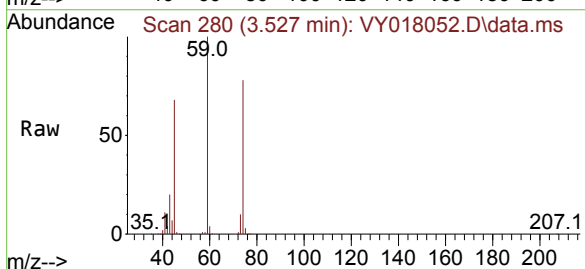
Acq: 25 Apr 2024 16:43

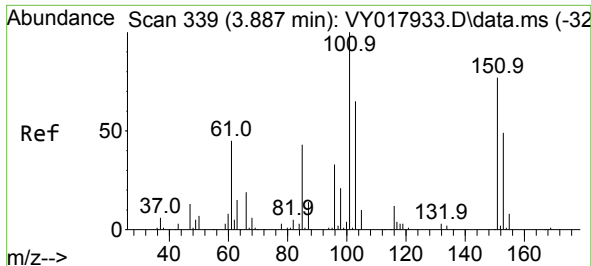
Tgt Ion: 74 Resp: 97449

Ion Ratio Lower Upper

74 100

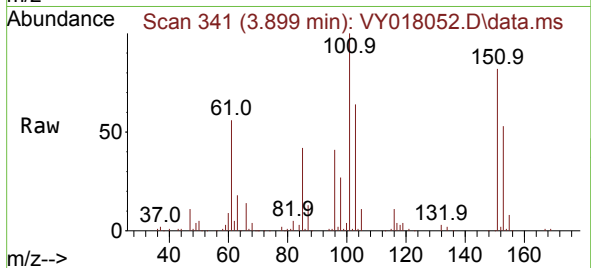
45 83.6 41.3 124.1



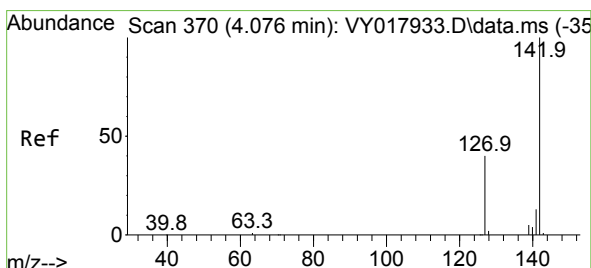
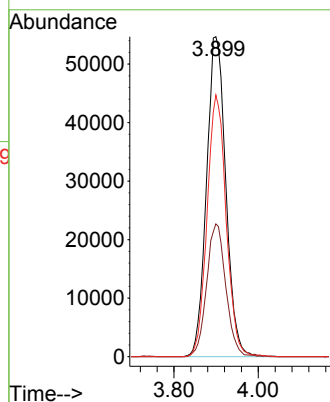
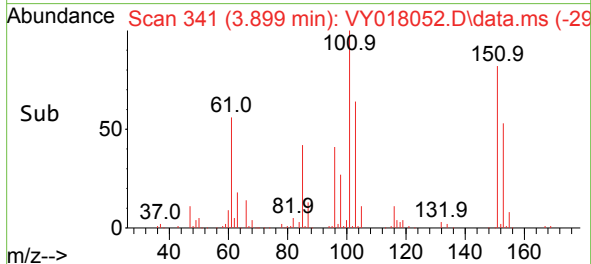


#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.560 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY018052.D
Acq: 25 Apr 2024 16:43

Instrument :
MSVOA_Y
ClientSampleId :

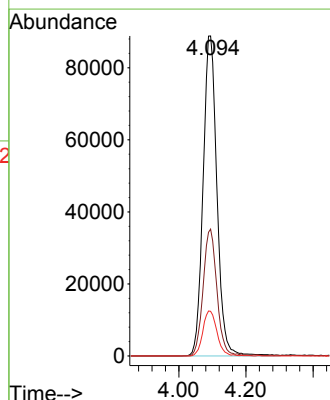
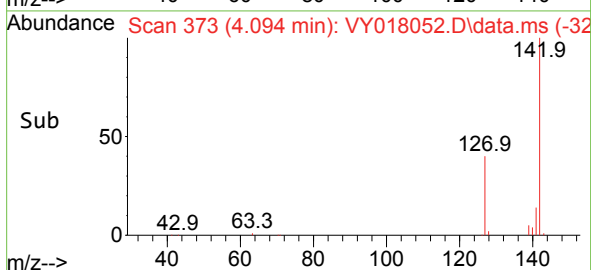
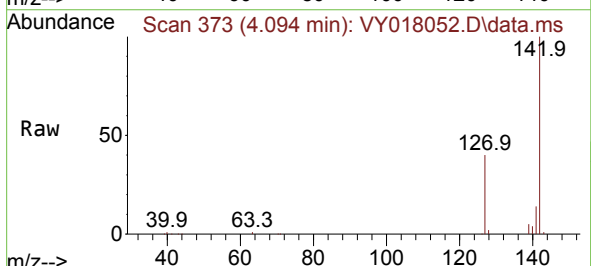


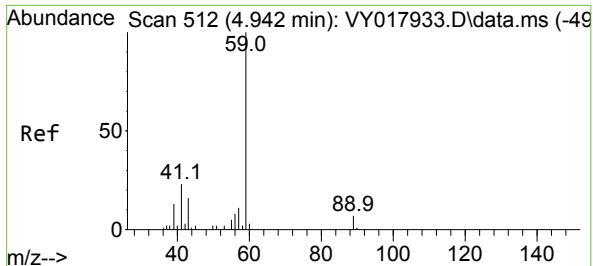
Tgt Ion:101 Resp: 174110
Ion Ratio Lower Upper
101 100
85 41.3 34.5 51.7
151 80.8 61.7 92.5



#10
Methyl Iodide
Concen: 50.167 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY018052.D
Acq: 25 Apr 2024 16:43

Tgt Ion:142 Resp: 255057
Ion Ratio Lower Upper
142 100
127 39.5 32.8 49.2
141 14.3 11.4 17.2





#11

Tert butyl alcohol

Concen: 208.311 ug/l

RT: 4.954 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY018052.D

Acq: 25 Apr 2024 16:43

Instrument :

MSVOA_Y

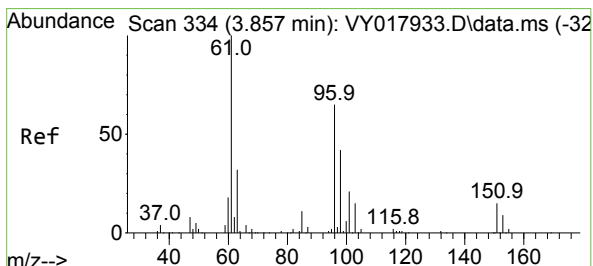
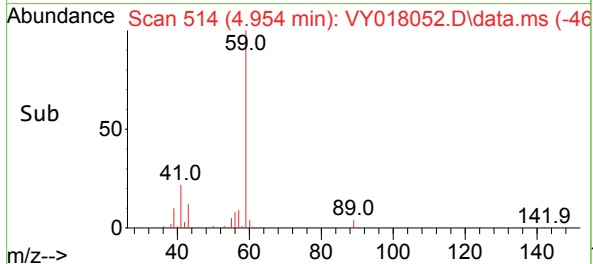
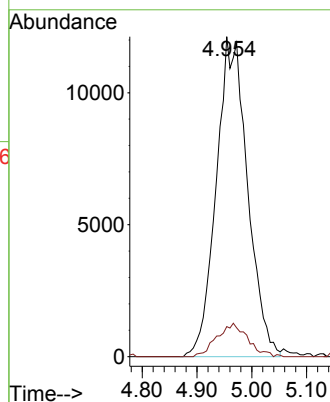
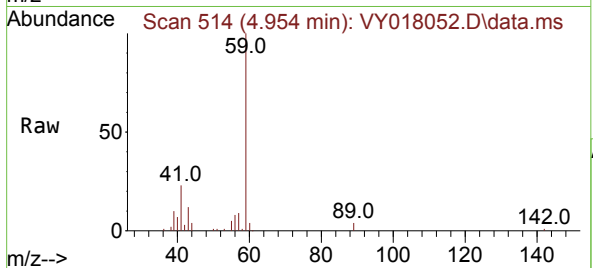
ClientSampleId :

Tgt Ion: 59 Resp: 47945

Ion Ratio Lower Upper

59 100

57 10.3 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 48.612 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.000 min

Lab File: VY018052.D

Acq: 25 Apr 2024 16:43

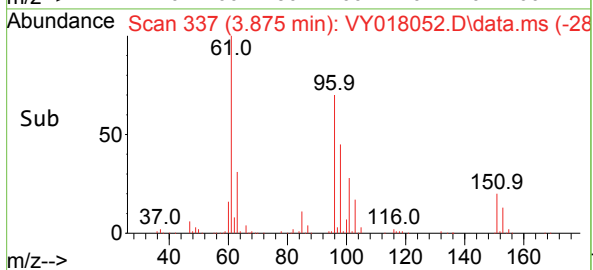
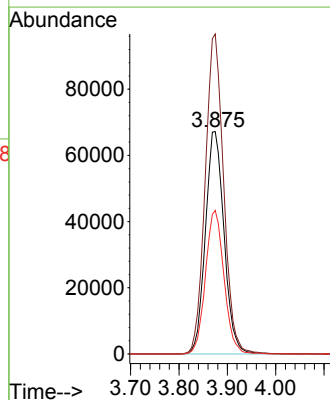
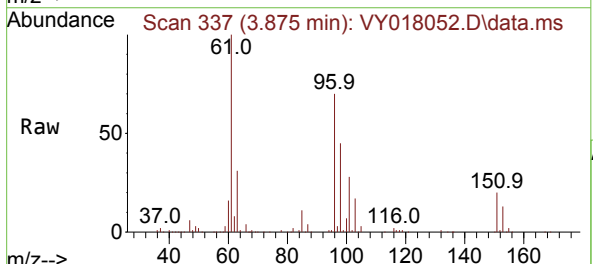
Tgt Ion: 96 Resp: 180344

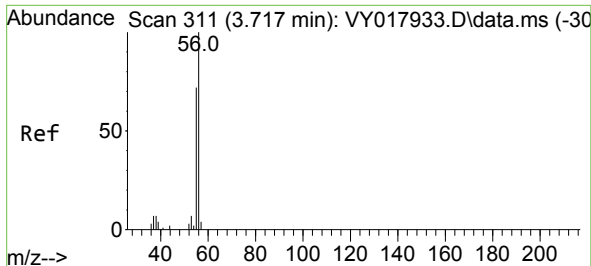
Ion Ratio Lower Upper

96 100

61 143.9 114.6 171.8

98 64.5 50.8 76.2





#13

Acrolein

Concen: 286.970 ug/l

RT: 3.735 min Scan# 311

Delta R.T. 0.006 min

Lab File: VY018052.D

Acq: 25 Apr 2024 16:43

Instrument :

MSVOA_Y

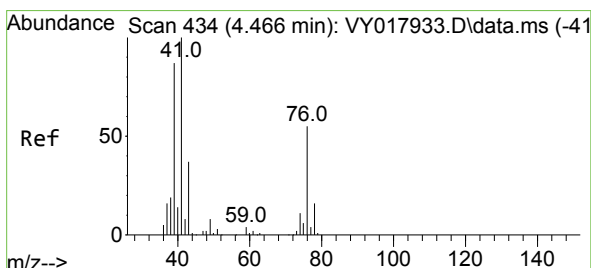
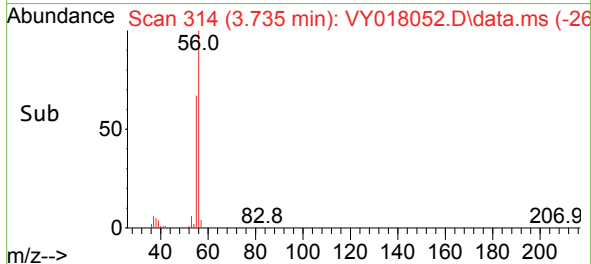
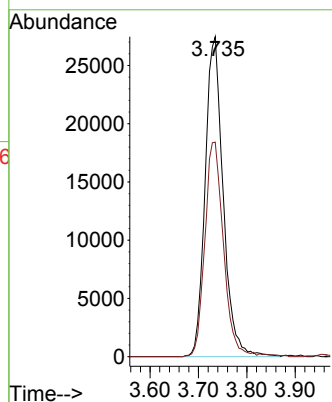
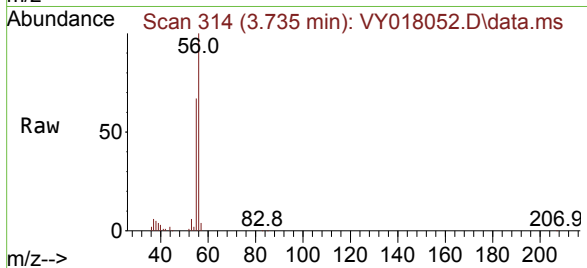
ClientSampleId :

Tgt Ion: 56 Resp: 71079

Ion Ratio Lower Upper

56 100

55 69.7 55.7 83.5



#14

Allyl chloride

Concen: 51.244 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY018052.D

Acq: 25 Apr 2024 16:43

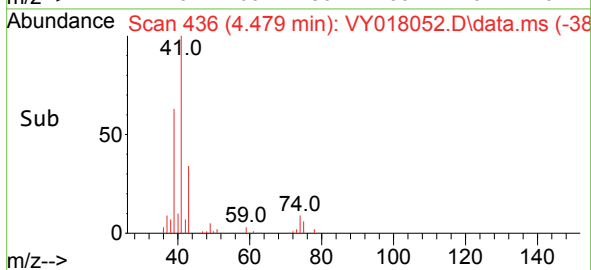
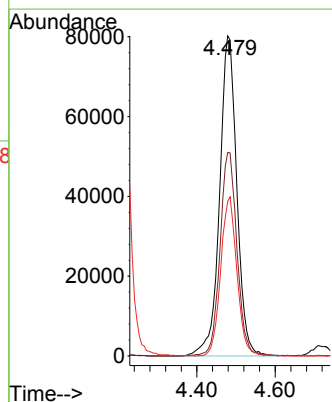
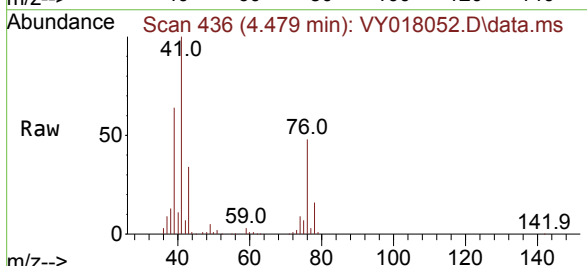
Tgt Ion: 41 Resp: 246024

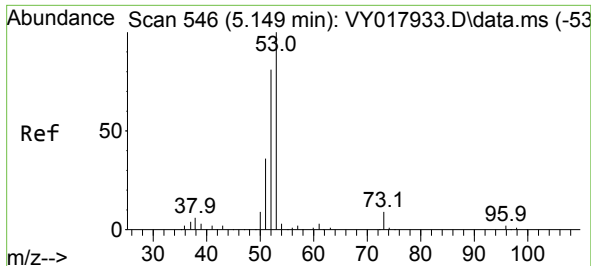
Ion Ratio Lower Upper

41 100

39 62.6 58.3 87.5

76 46.8 39.0 58.6





#15

Acrylonitrile

Concen: 246.196 ug/l

RT: 5.161 min Scan# 54

Delta R.T. 0.000 min

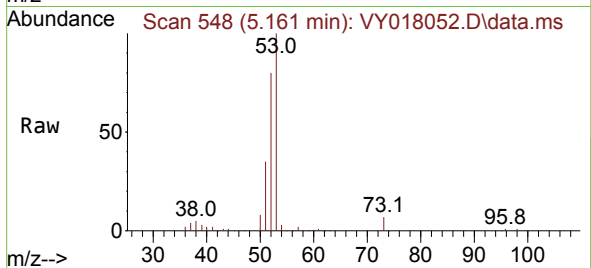
Lab File: VY018052.D

Acq: 25 Apr 2024 16:43

Instrument :

MSVOA_Y

ClientSampleId :



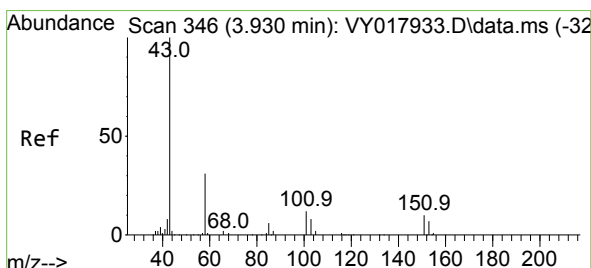
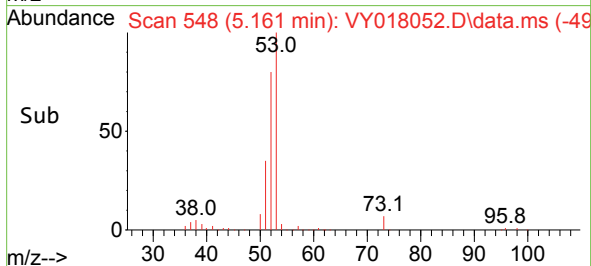
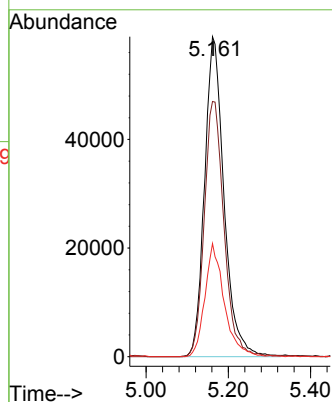
Tgt Ion: 53 Resp: 193841

Ion Ratio Lower Upper

53 100

52 80.8 64.7 97.1

51 35.0 28.4 42.6



#16

Acetone

Concen: 201.637 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY018052.D

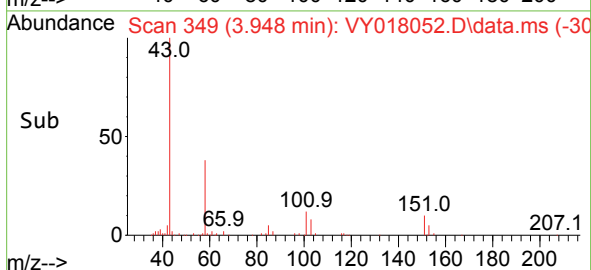
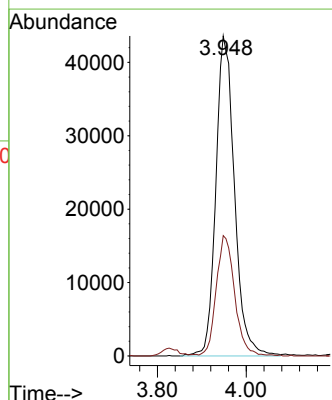
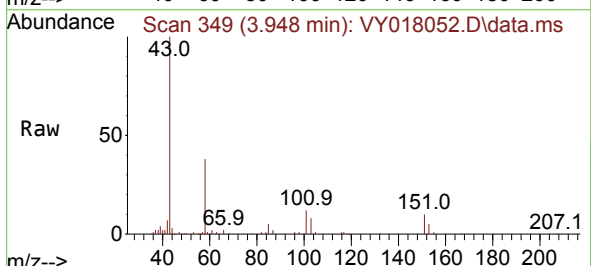
Acq: 25 Apr 2024 16:43

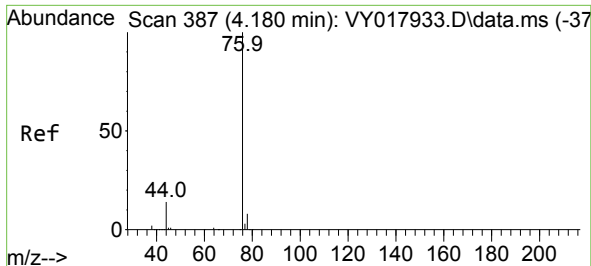
Tgt Ion: 43 Resp: 126708

Ion Ratio Lower Upper

43 100

58 37.3 31.7 47.5





#17

Carbon Disulfide

Concen: 45.814 ug/l

RT: 4.198 min Scan# 390

Delta R.T. 0.006 min

Lab File: VY018052.D

Acq: 25 Apr 2024 16:43

Instrument :

MSVOA_Y

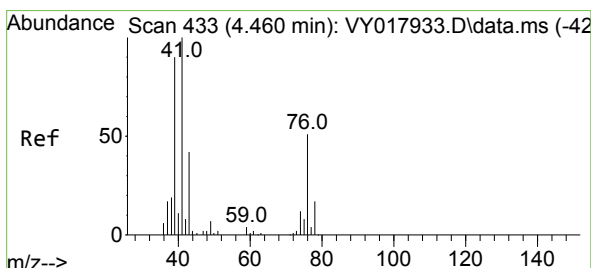
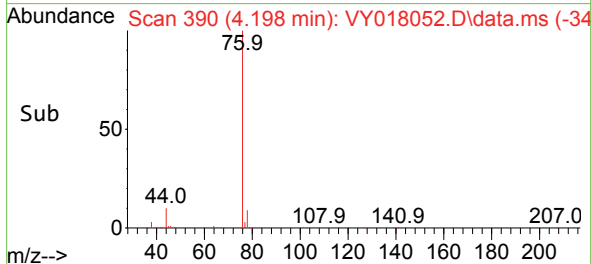
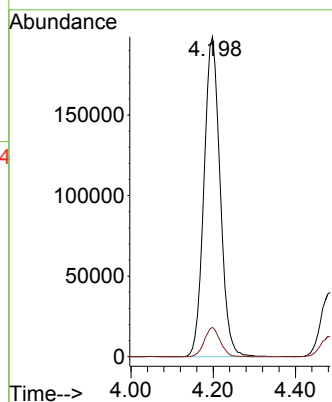
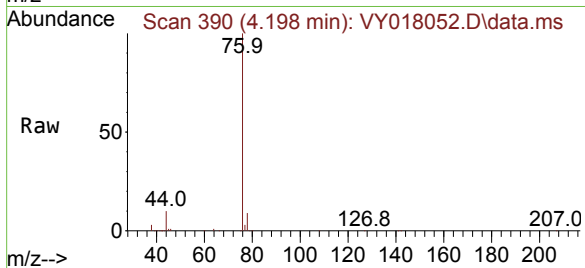
ClientSampleId :

Tgt Ion: 76 Resp: 540683

Ion Ratio Lower Upper

76 100

78 9.1 6.8 10.2



#18

Methyl Acetate

Concen: 49.315 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY018052.D

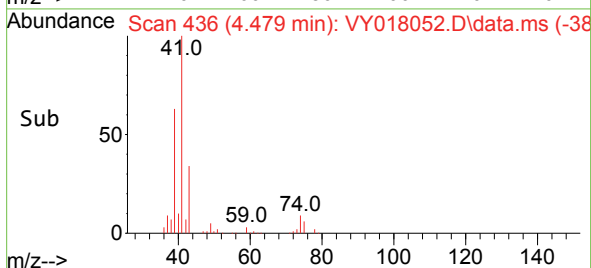
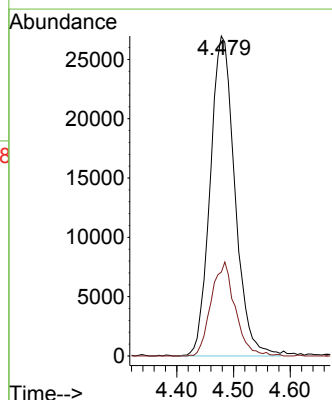
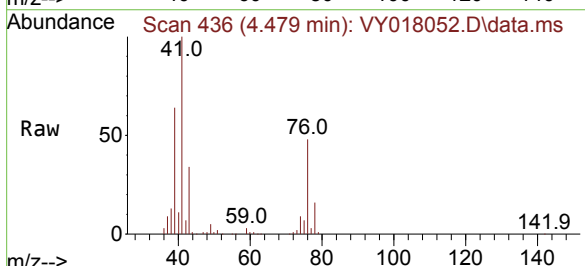
Acq: 25 Apr 2024 16:43

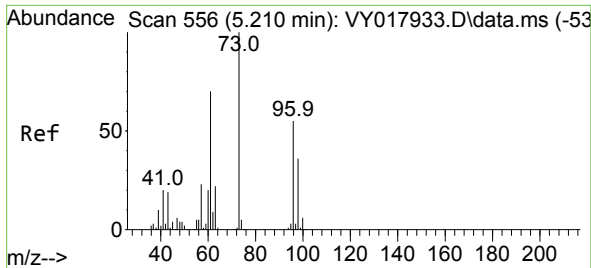
Tgt Ion: 43 Resp: 81524

Ion Ratio Lower Upper

43 100

74 28.4 23.3 34.9

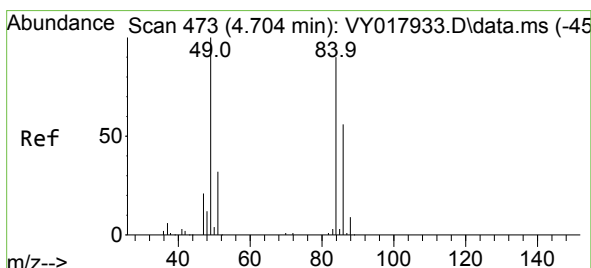
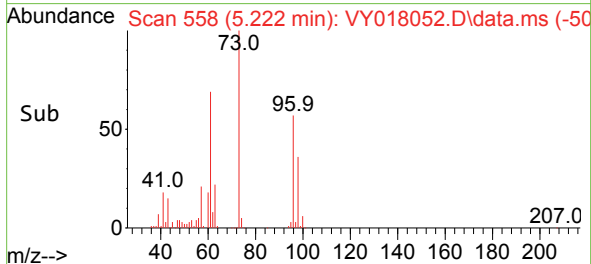
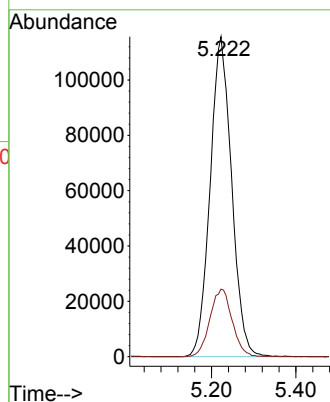
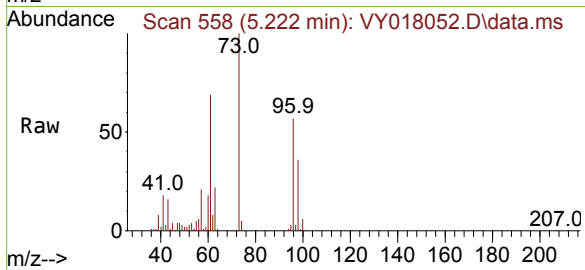




#19
Methyl tert-butyl Ether
Concen: 50.565 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY018052.D
Acq: 25 Apr 2024 16:43

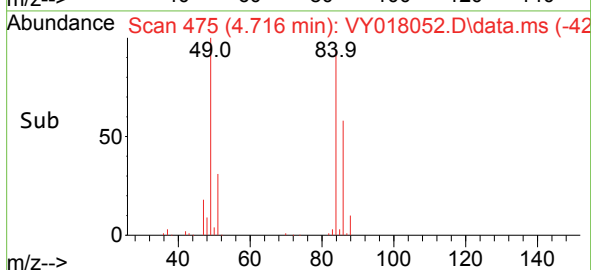
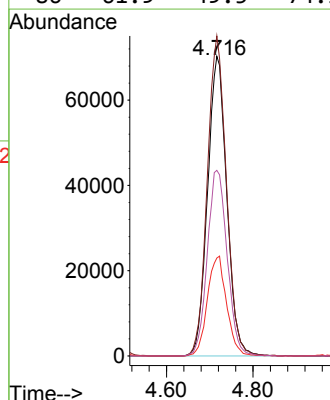
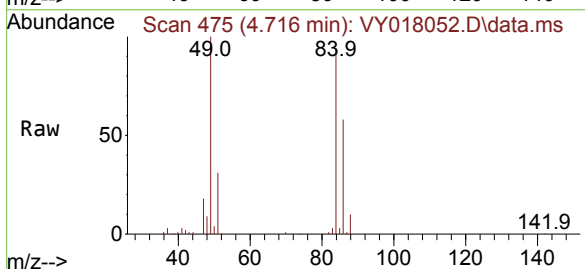
Instrument :
MSVOA_Y
ClientSampleId :

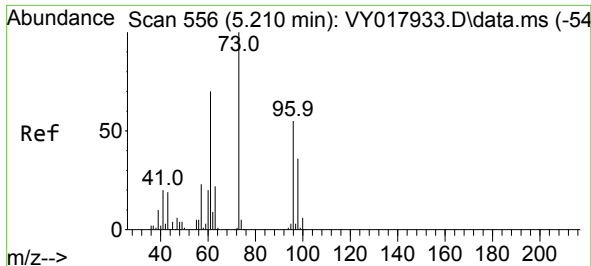
Tgt Ion: 73 Resp: 408832
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9



#20
Methylene Chloride
Concen: 50.933 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY018052.D
Acq: 25 Apr 2024 16:43

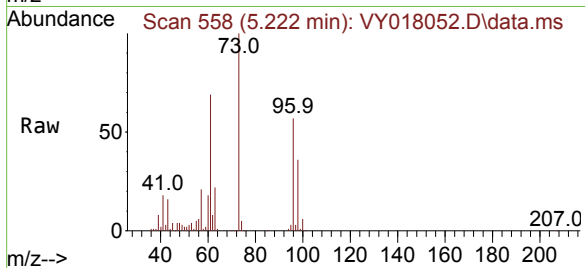
Tgt Ion: 84 Resp: 216835
Ion Ratio Lower Upper
84 100
49 106.8 84.4 126.6
51 32.7 26.0 39.0
86 61.9 49.5 74.3



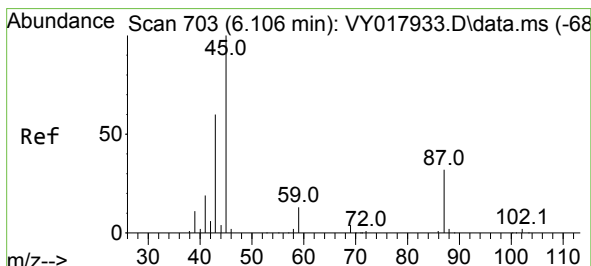
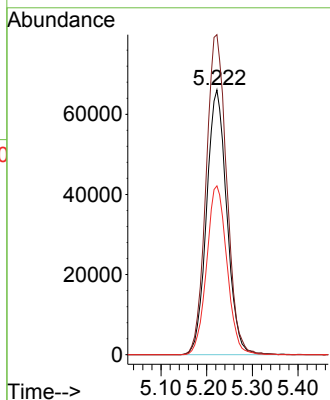
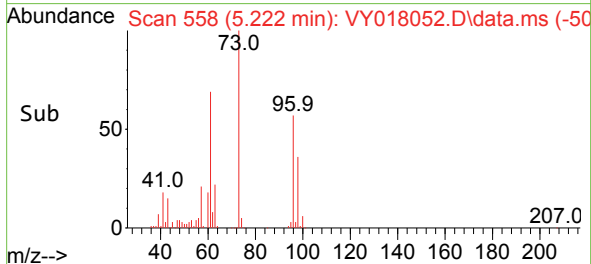


#21
trans-1,2-Dichloroethene
Concen: 50.027 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY018052.D
Acq: 25 Apr 2024 16:43

Instrument :
MSVOA_Y
ClientSampleId :

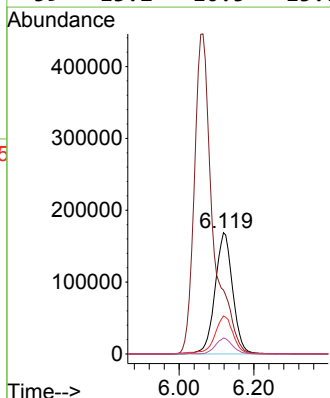
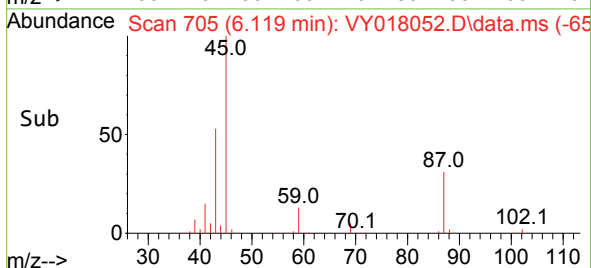
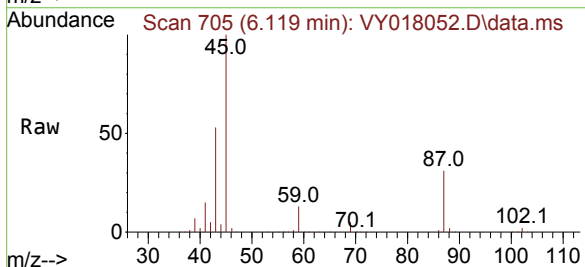


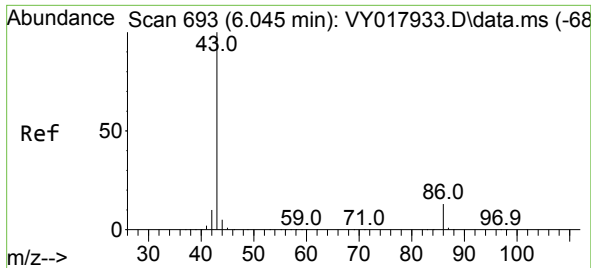
Tgt Ion: 96 Resp: 203310
Ion Ratio Lower Upper
96 100
61 120.8 97.5 146.3
98 63.7 50.5 75.7



#22
Diisopropyl ether
Concen: 52.488 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY018052.D
Acq: 25 Apr 2024 16:43

Tgt Ion: 45 Resp: 552436
Ion Ratio Lower Upper
45 100
43 52.6 42.2 63.2
87 31.2 25.0 37.6
59 13.2 10.5 15.7

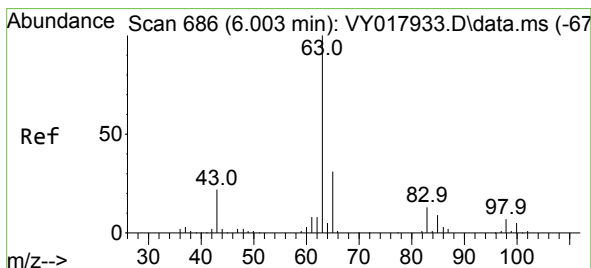
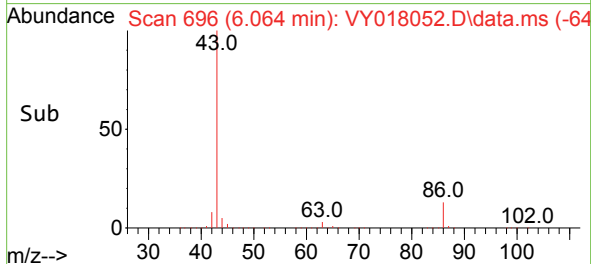
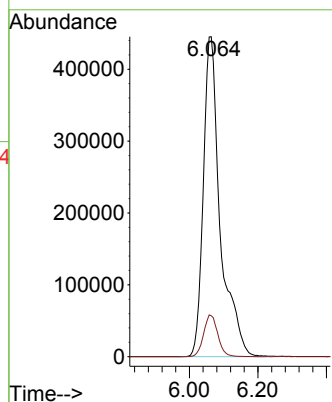
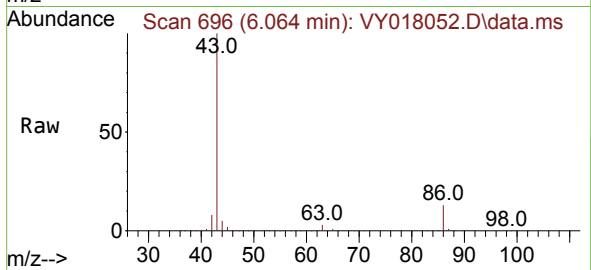




#23
Vinyl Acetate
Concen: 245.168 ug/l
RT: 6.064 min Scan# 693
Delta R.T. 0.000 min
Lab File: VY018052.D
Acq: 25 Apr 2024 16:43

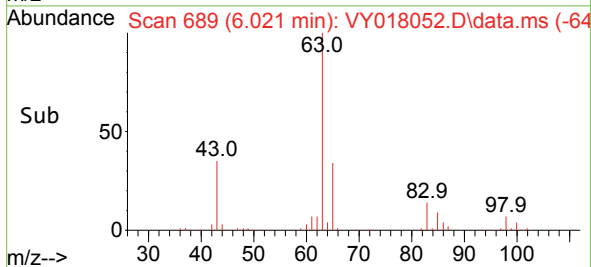
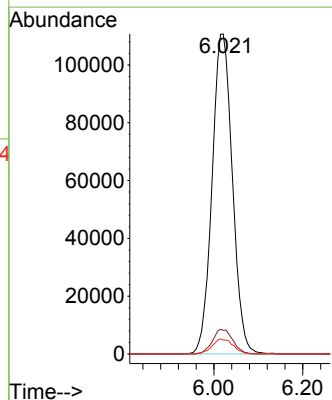
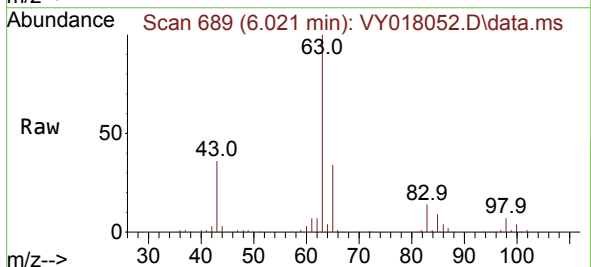
Instrument :
MSVOA_Y
ClientSampleId :

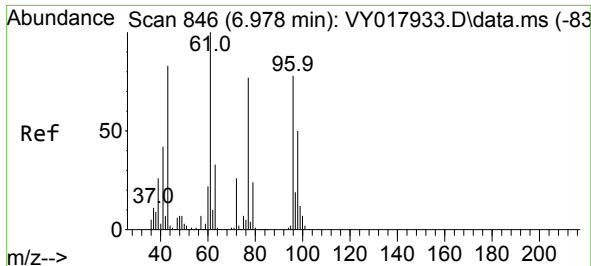
Tgt Ion: 43 Resp: 1530143
Ion Ratio Lower Upper
43 100
86 12.8 10.6 16.0



#24
1,1-Dichloroethane
Concen: 50.995 ug/l
RT: 6.021 min Scan# 689
Delta R.T. 0.000 min
Lab File: VY018052.D
Acq: 25 Apr 2024 16:43

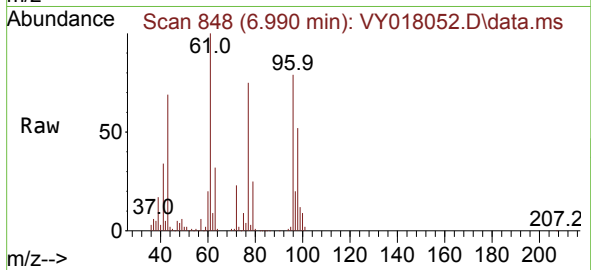
Tgt Ion: 63 Resp: 350434
Ion Ratio Lower Upper
63 100
98 7.4 4.0 12.2
100 4.4 2.6 8.0



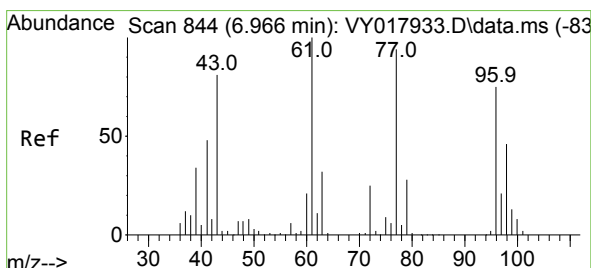
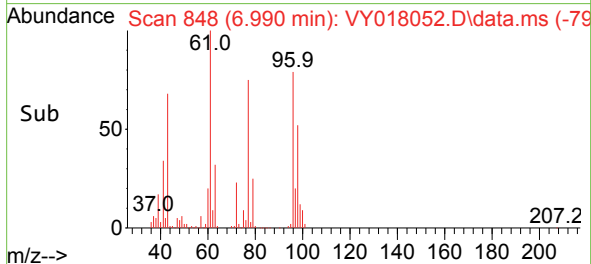
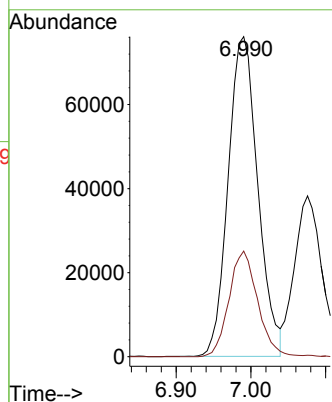


#25
2-Butanone
Concen: 227.534 ug/l
RT: 6.990 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY018052.D
Acq: 25 Apr 2024 16:43

Instrument :
MSVOA_Y
ClientSampleId :

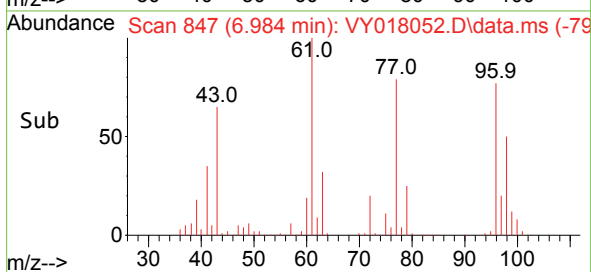
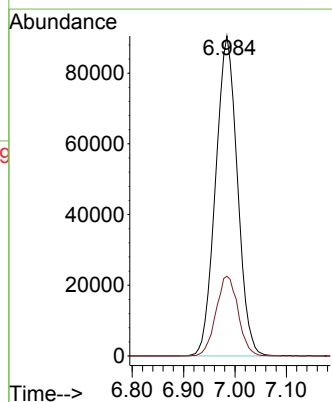
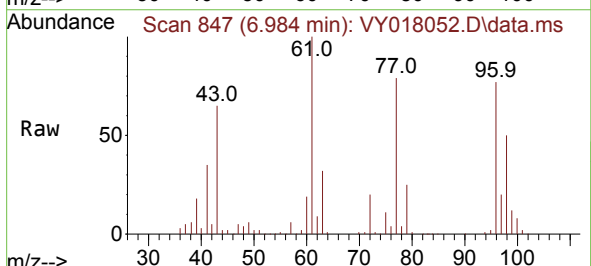


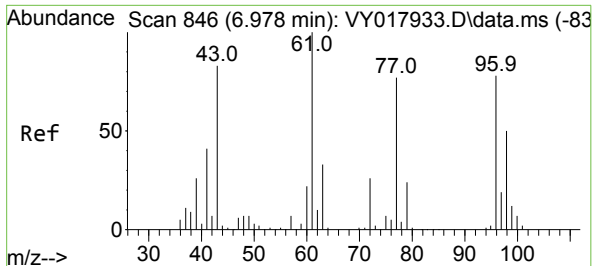
Tgt Ion: 43 Resp: 210165
Ion Ratio Lower Upper
43 100
72 33.0 27.3 40.9



#26
2,2-Dichloropropane
Concen: 48.363 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY018052.D
Acq: 25 Apr 2024 16:43

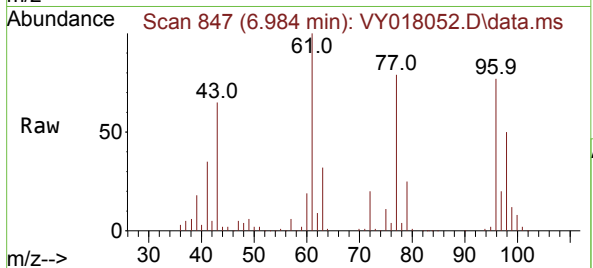
Tgt Ion: 77 Resp: 266638
Ion Ratio Lower Upper
77 100
97 25.3 12.0 36.1



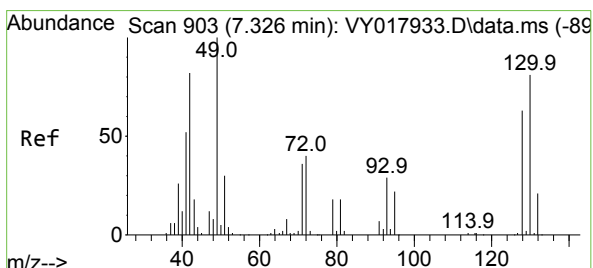
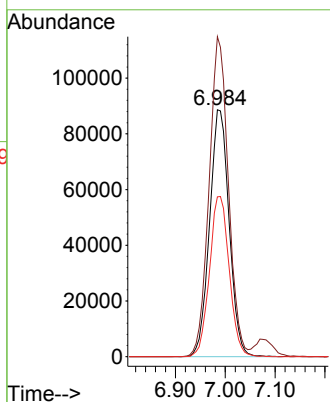
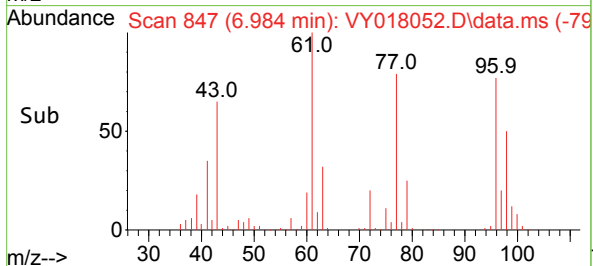


#27
 cis-1,2-Dichloroethene
 Concen: 51.999 ug/l
 RT: 6.984 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY018052.D
 Acq: 25 Apr 2024 16:43

Instrument :
 MSVOA_Y
 ClientSampleId :

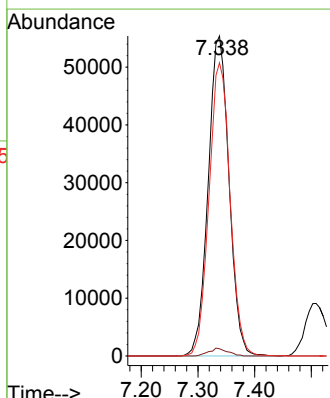
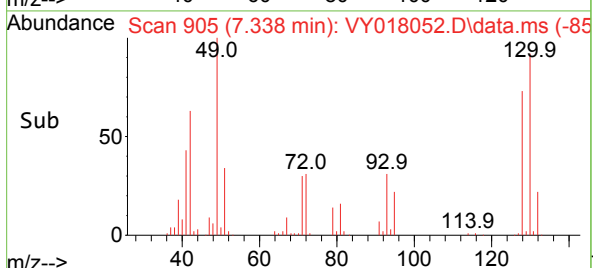
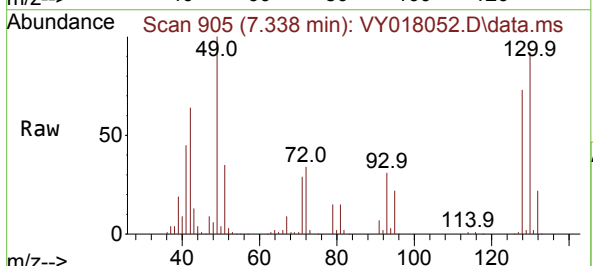


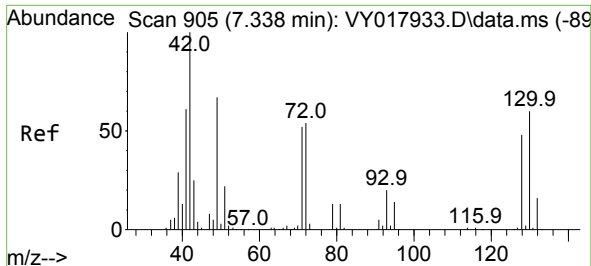
Tgt Ion: 96 Resp: 241350
 Ion Ratio Lower Upper
 96 100
 61 127.8 0.0 256.2
 98 65.4 0.0 130.0



#28
 Bromochloromethane
 Concen: 52.277 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.000 min
 Lab File: VY018052.D
 Acq: 25 Apr 2024 16:43

Tgt Ion: 49 Resp: 141312
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 92.7 72.7 109.1





#29

Tetrahydrofuran

Concen: 233.973 ug/l

RT: 7.350 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY018052.D

Acq: 25 Apr 2024 16:43

Instrument :

MSVOA_Y

ClientSampleId :

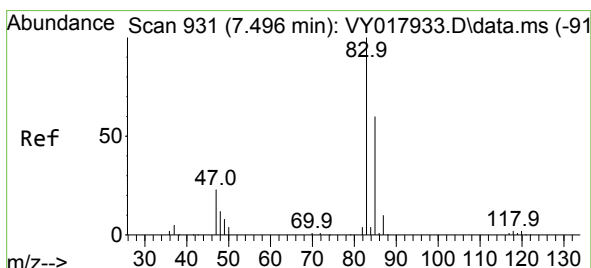
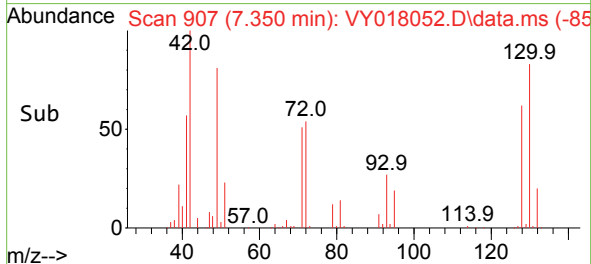
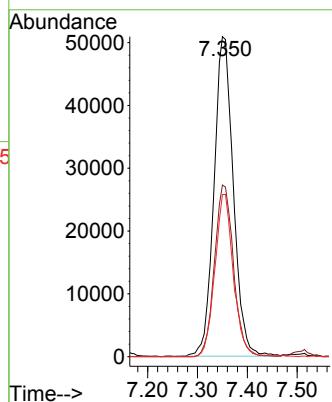
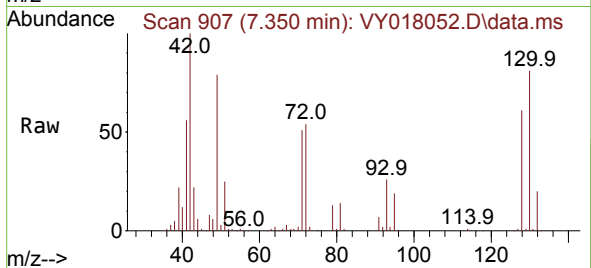
Tgt Ion: 42 Resp: 137144

Ion Ratio Lower Upper

42 100

72 52.9 43.0 64.4

71 48.6 40.8 61.2



#30

Chloroform

Concen: 51.090 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY018052.D

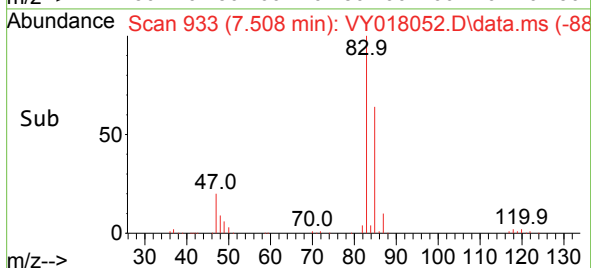
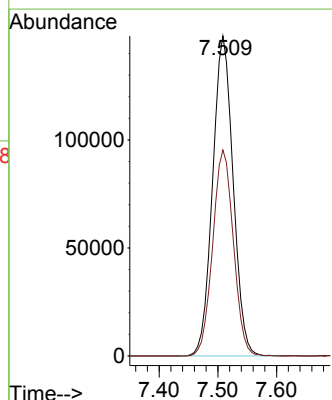
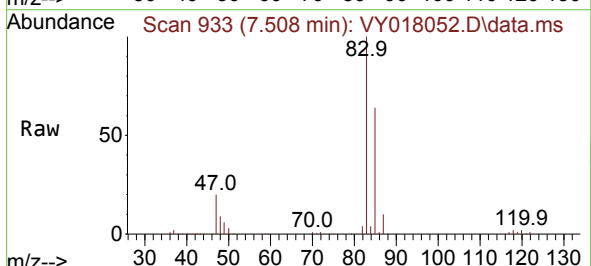
Acq: 25 Apr 2024 16:43

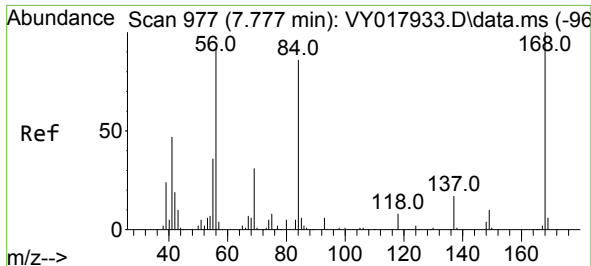
Tgt Ion: 83 Resp: 358816

Ion Ratio Lower Upper

83 100

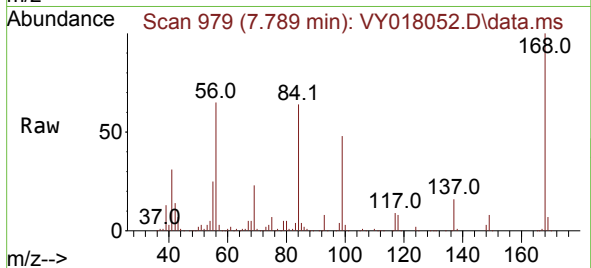
85 64.3 52.2 78.4



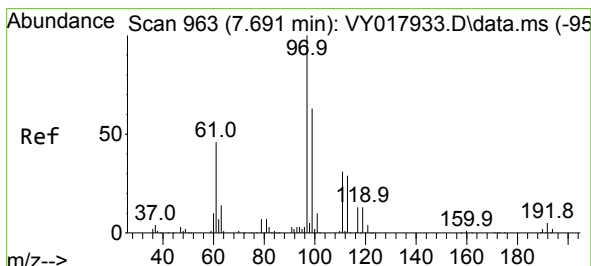
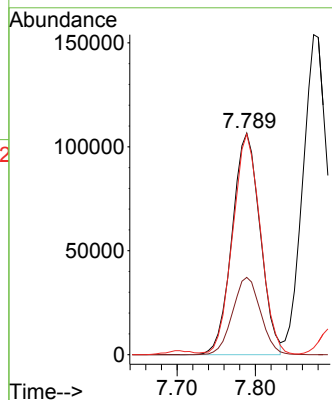
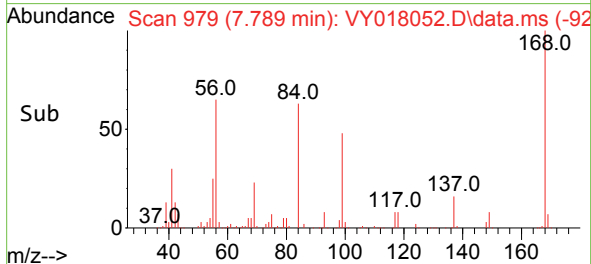


#31
Cyclohexane
Concen: 43.565 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018052.D
Acq: 25 Apr 2024 16:43

Instrument :
MSVOA_Y
ClientSampleId :

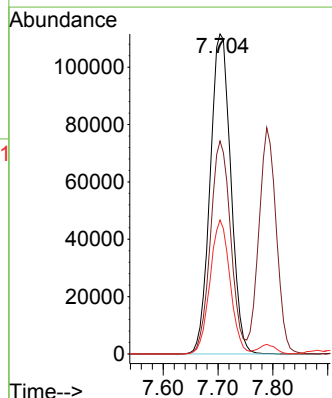
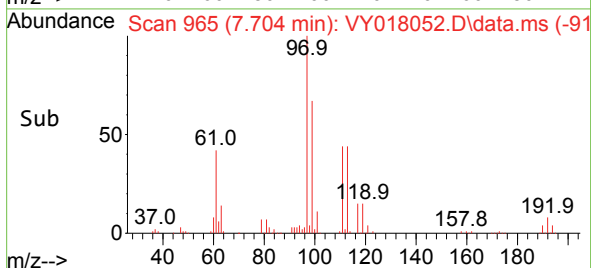
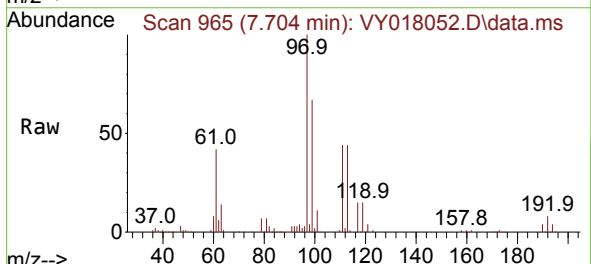


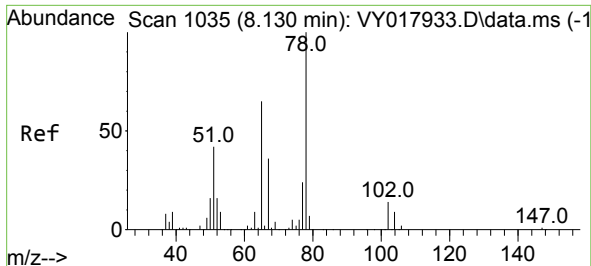
Tgt Ion: 56 Resp: 264827
Ion Ratio Lower Upper
56 100
69 34.9 28.7 43.1
84 97.8 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 49.769 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY018052.D
Acq: 25 Apr 2024 16:43

Tgt Ion: 97 Resp: 291127
Ion Ratio Lower Upper
97 100
99 65.7 50.3 75.5
61 40.8 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 53.614 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY018052.D

Acq: 25 Apr 2024 16:43

Instrument :

MSVOA_Y

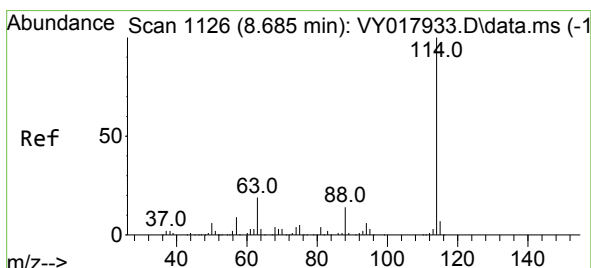
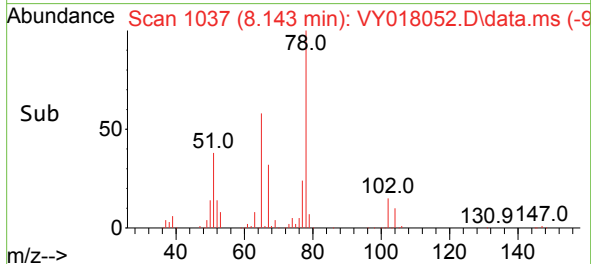
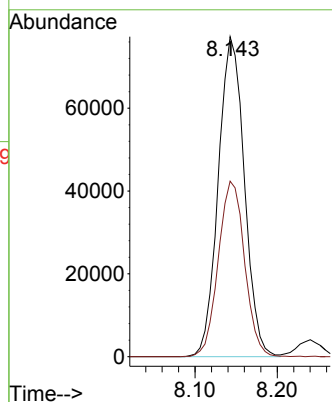
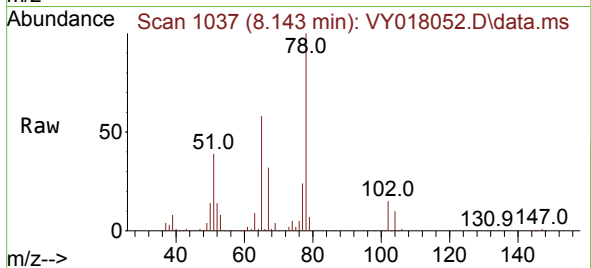
ClientSampleId :

Tgt Ion: 65 Resp: 170509

Ion Ratio Lower Upper

65 100

67 55.4 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: VY018052.D

Acq: 25 Apr 2024 16:43

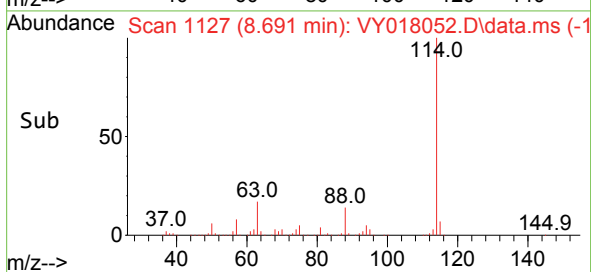
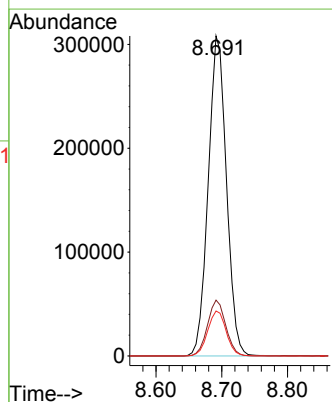
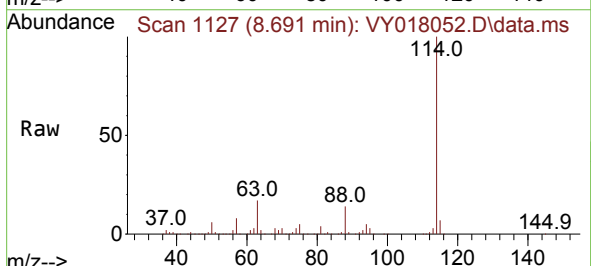
Tgt Ion: 114 Resp: 594311

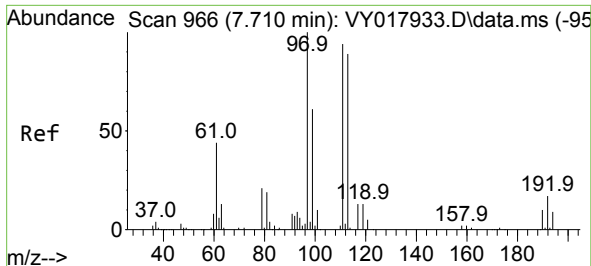
Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.0

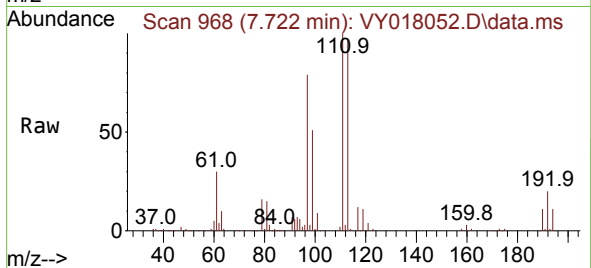
88 14.1 0.0 27.2



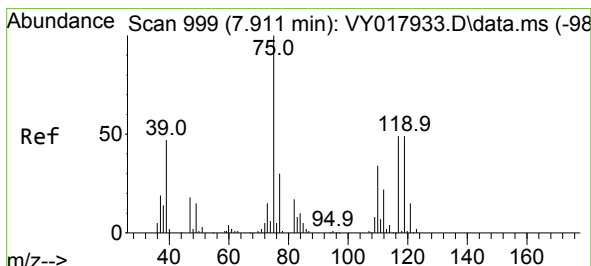
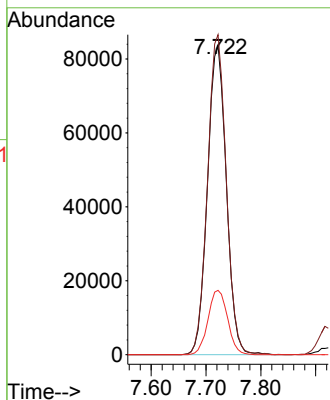
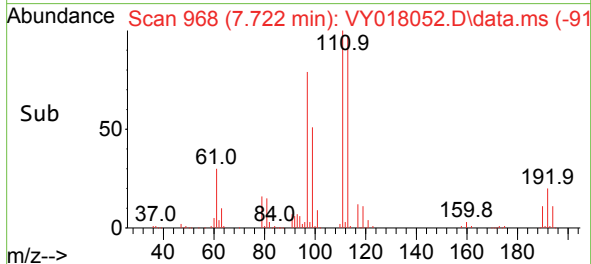


#35
Dibromofluoromethane
Concen: 54.472 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY018052.D
Acq: 25 Apr 2024 16:43

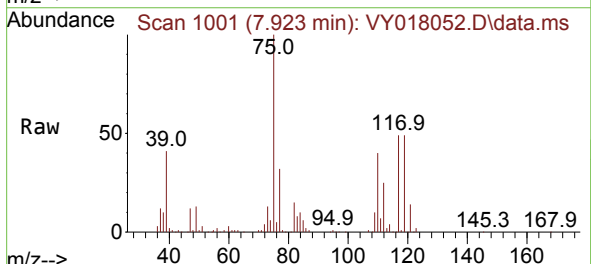
Instrument :
MSVOA_Y
ClientSampleId :



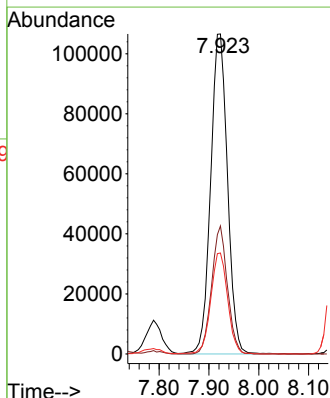
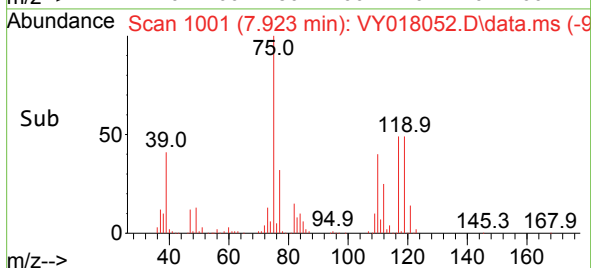
Tgt Ion:113 Resp: 199722
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 21.6 15.9 23.9

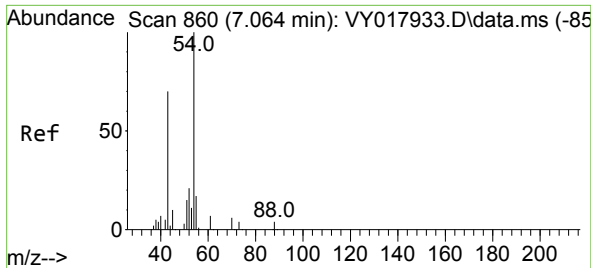


#36
1,1-Dichloropropene
Concen: 46.943 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY018052.D
Acq: 25 Apr 2024 16:43



Tgt Ion: 75 Resp: 250311
Ion Ratio Lower Upper
75 100
110 37.3 19.0 57.0
77 31.7 25.3 37.9

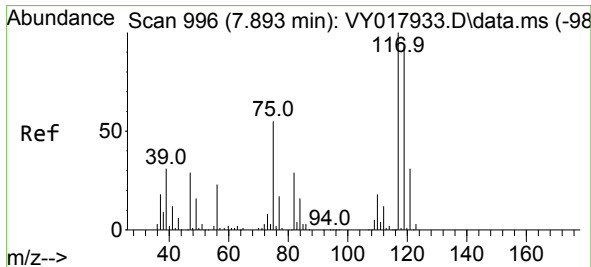
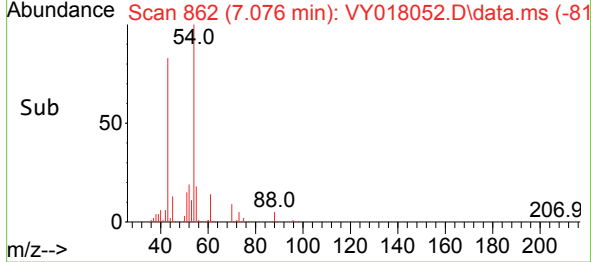
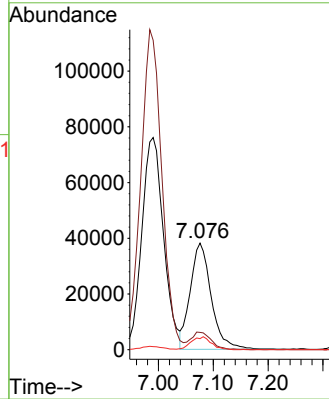
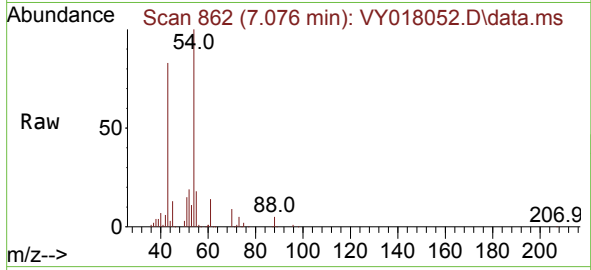




#37
Ethyl Acetate
Concen: 46.288 ug/l
RT: 7.076 min Scan# 860
Delta R.T. 0.000 min
Lab File: VY018052.D
Acq: 25 Apr 2024 16:43

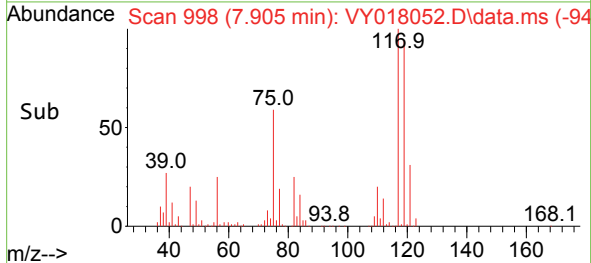
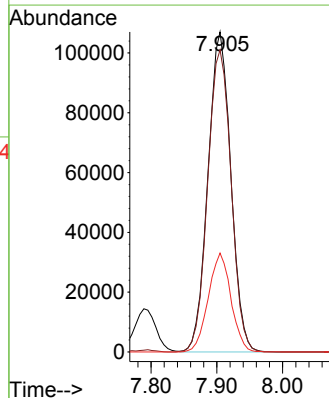
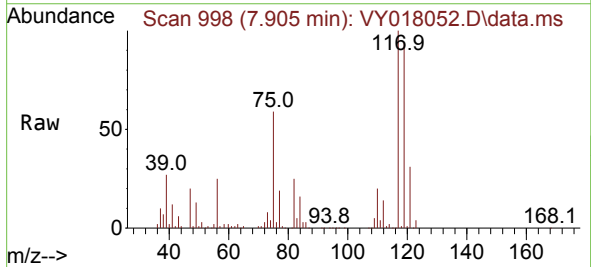
Instrument :
MSVOA_Y
ClientSampleId :

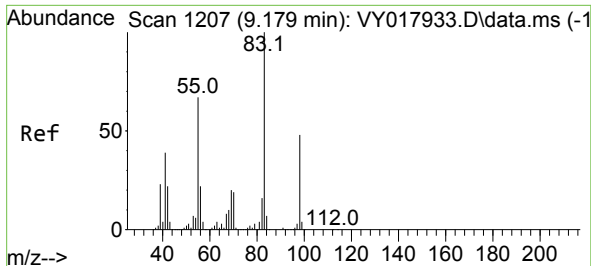
Tgt Ion: 43 Resp: 101546
Ion Ratio Lower Upper
43 100
61 16.5 12.6 19.0
70 11.6 7.8 11.8



#38
Carbon Tetrachloride
Concen: 48.123 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY018052.D
Acq: 25 Apr 2024 16:43

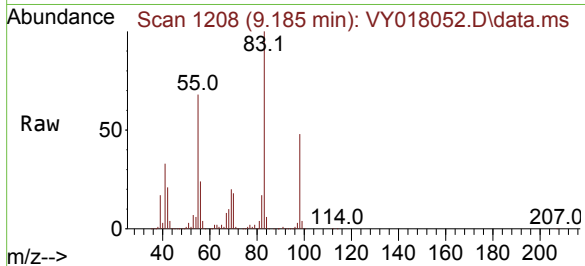
Tgt Ion: 117 Resp: 259243
Ion Ratio Lower Upper
117 100
119 94.4 75.8 113.6
121 30.9 24.0 36.0



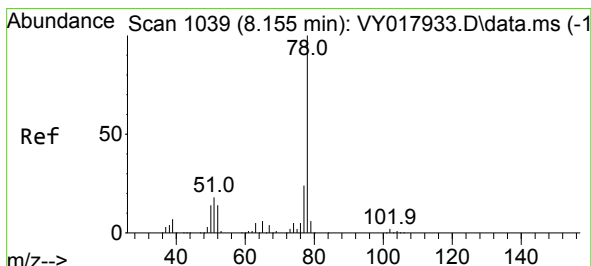
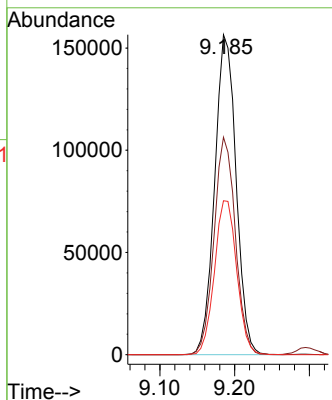
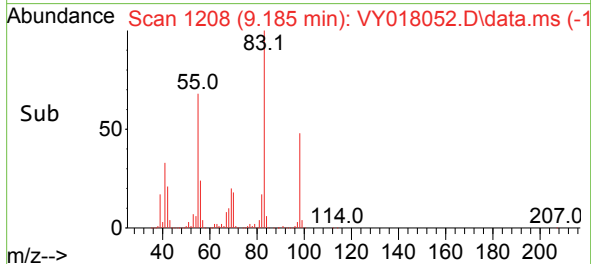


#39
Methylcyclohexane
Concen: 44.939 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018052.D
Acq: 25 Apr 2024 16:43

Instrument :
MSVOA_Y
ClientSampleId :

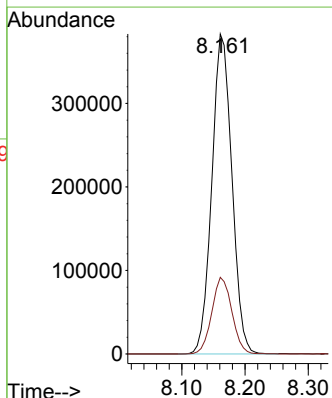
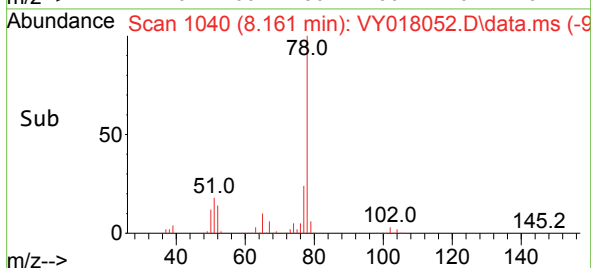
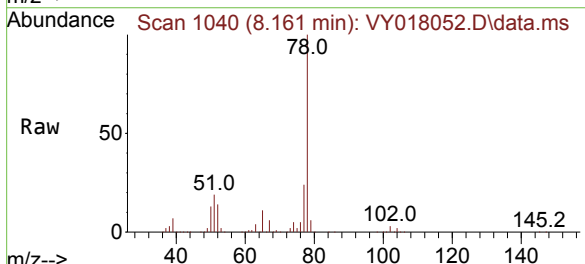


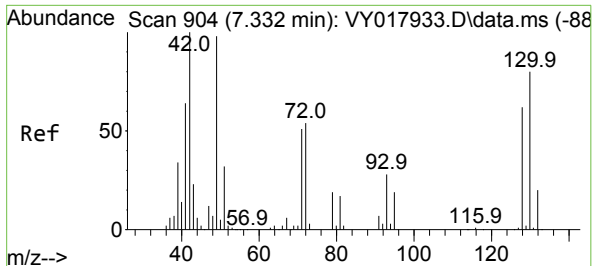
Tgt Ion: 83 Resp: 312269
Ion Ratio Lower Upper
83 100
55 68.0 51.5 77.3
98 48.1 40.5 60.7



#40
Benzene
Concen: 50.433 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY018052.D
Acq: 25 Apr 2024 16:43

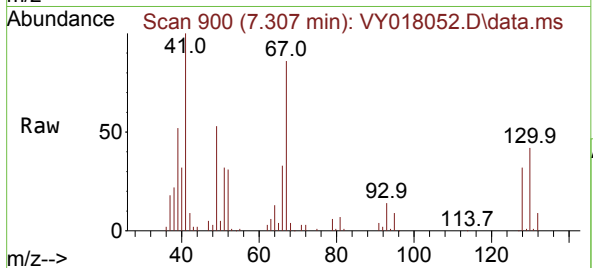
Tgt Ion: 78 Resp: 842337
Ion Ratio Lower Upper
78 100
77 24.0 19.5 29.3



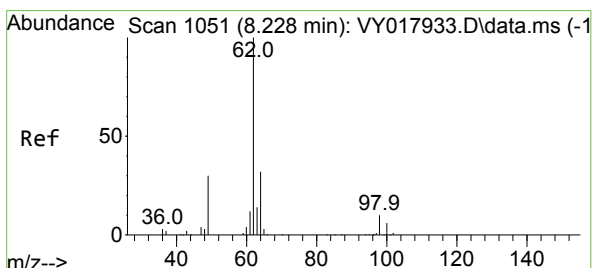
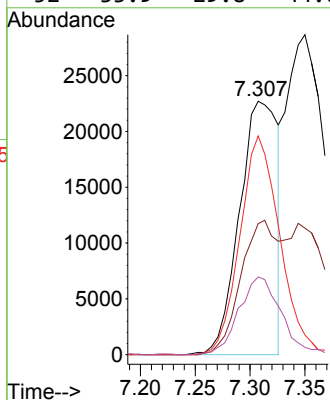
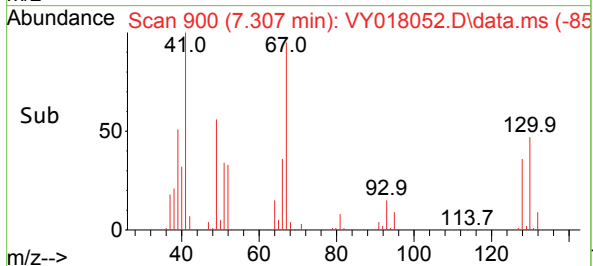


#41
Methacrylonitrile
Concen: 39.833 ug/l
RT: 7.307 min Scan# 904
Delta R.T. -0.024 min
Lab File: VY018052.D
Acq: 25 Apr 2024 16:43

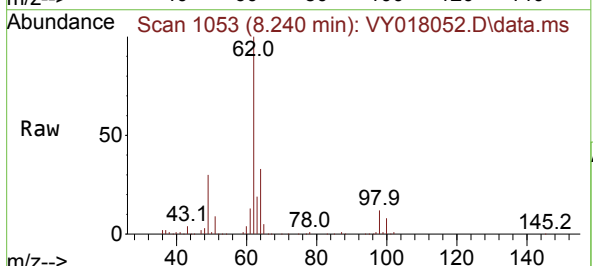
Instrument :
MSVOA_Y
ClientSampleId :



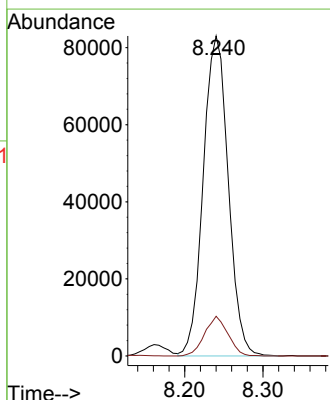
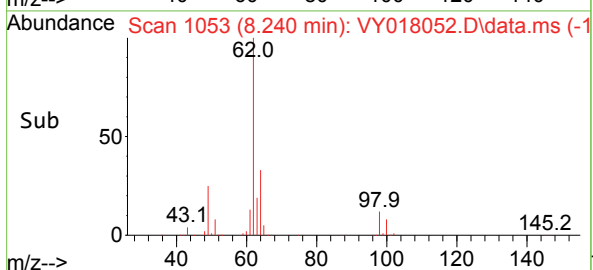
Tgt Ion: 41 Resp: 55141
Ion Ratio Lower Upper
41 100
39 50.3 48.0 72.0
67 91.1 75.1 112.7
52 33.9 29.8 44.6

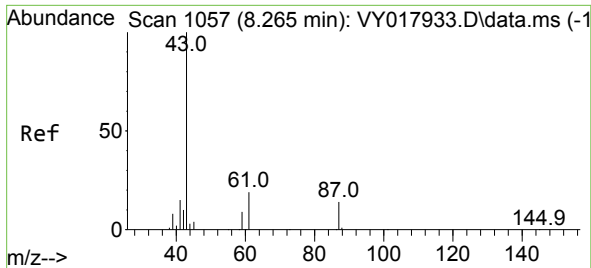


#42
1,2-Dichloroethane
Concen: 48.112 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY018052.D
Acq: 25 Apr 2024 16:43



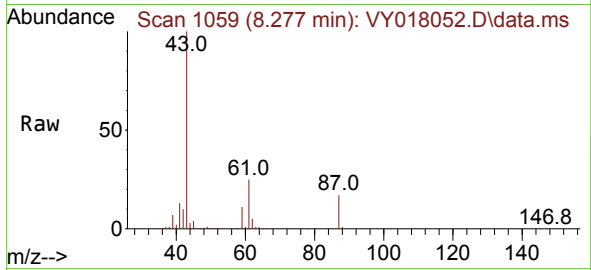
Tgt Ion: 62 Resp: 184125
Ion Ratio Lower Upper
62 100
98 11.6 0.0 22.0



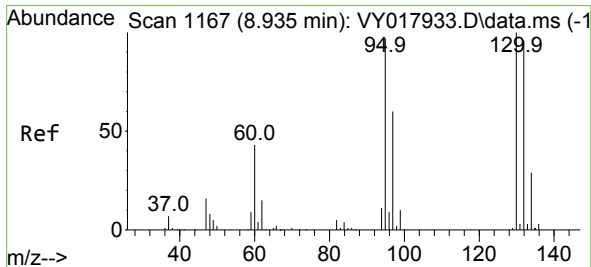
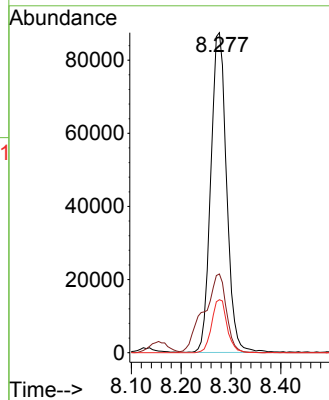
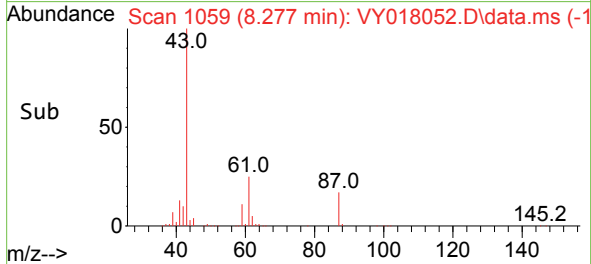


#43
Isopropyl Acetate
Concen: 46.969 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VY018052.D
Acq: 25 Apr 2024 16:43

Instrument :
MSVOA_Y
ClientSampleId :

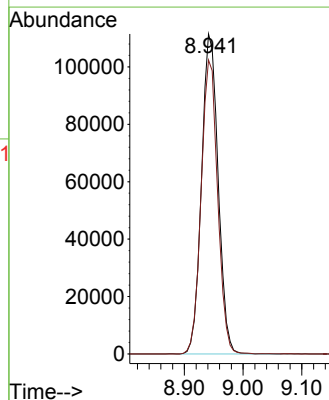
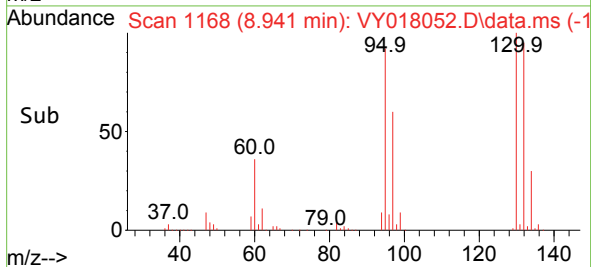
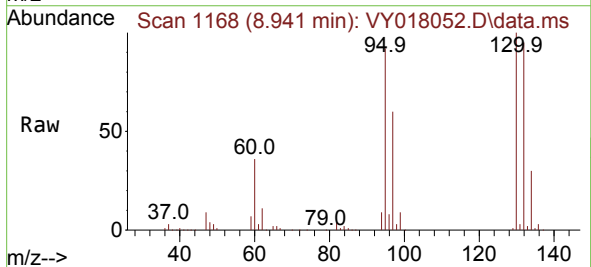


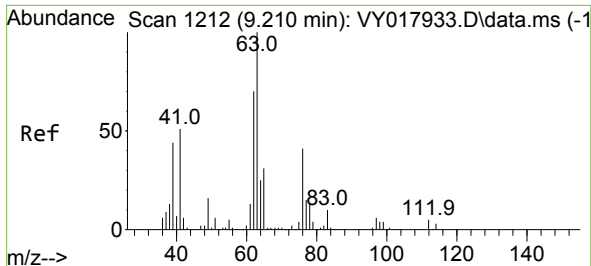
Tgt Ion: 43 Resp: 192076
Ion Ratio Lower Upper
43 100
61 35.1 27.9 41.9
87 16.2 13.1 19.7



#44
Trichloroethene
Concen: 51.463 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY018052.D
Acq: 25 Apr 2024 16:43

Tgt Ion: 130 Resp: 218422
Ion Ratio Lower Upper
130 100
95 91.8 0.0 188.0

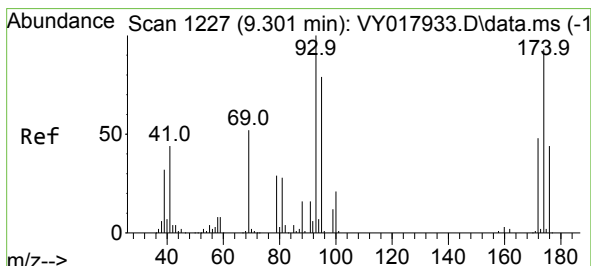
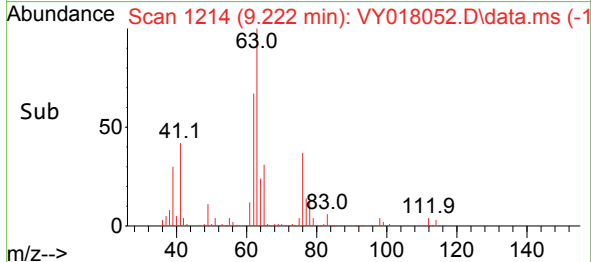
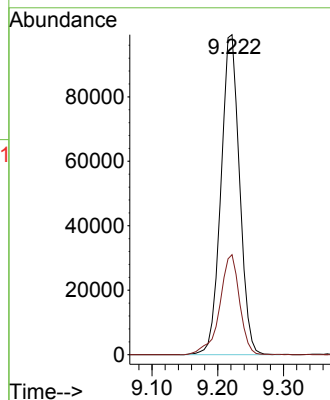
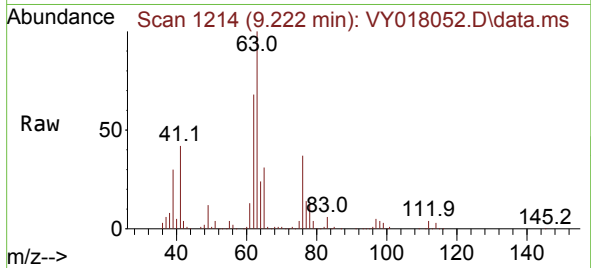




#45
1,2-Dichloropropane
Concen: 50.745 ug/l
RT: 9.222 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018052.D
Acq: 25 Apr 2024 16:43

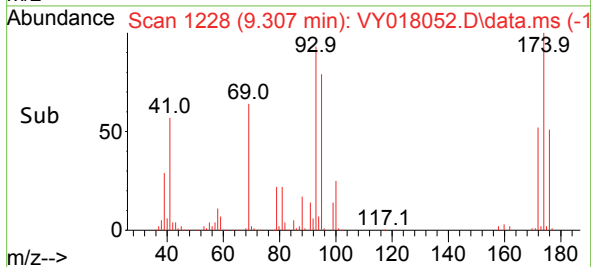
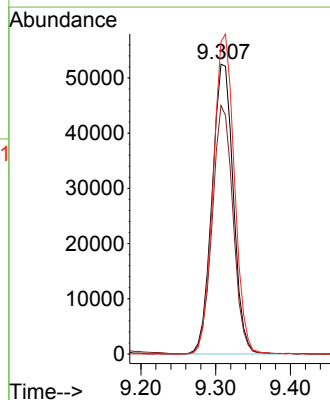
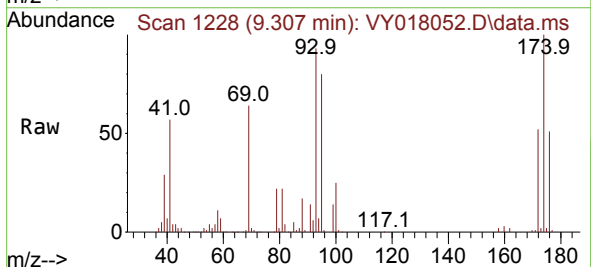
Instrument :
MSVOA_Y
ClientSampleId :

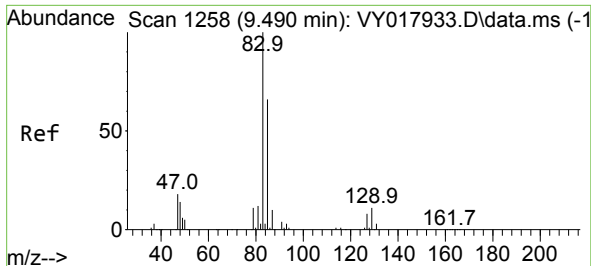
Tgt Ion: 63 Resp: 195100
Ion Ratio Lower Upper
63 100
65 31.2 25.4 38.2



#46
Dibromomethane
Concen: 48.792 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY018052.D
Acq: 25 Apr 2024 16:43

Tgt Ion: 93 Resp: 103766
Ion Ratio Lower Upper
93 100
95 83.8 66.2 99.4
174 109.5 80.9 121.3

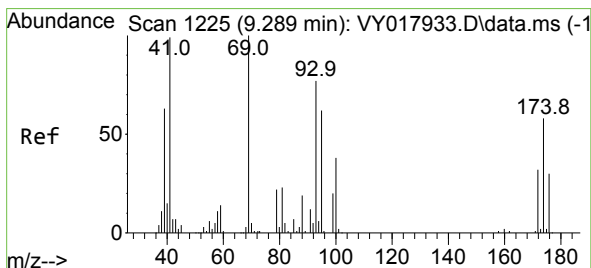
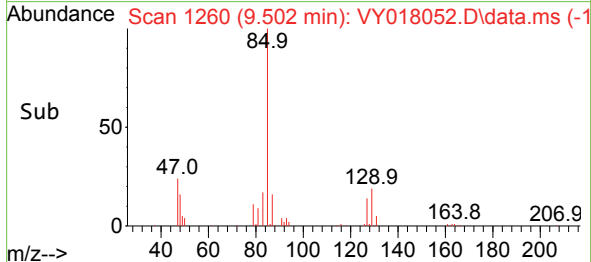
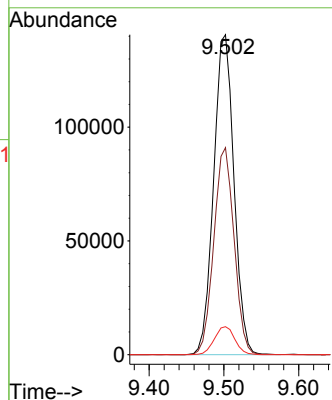
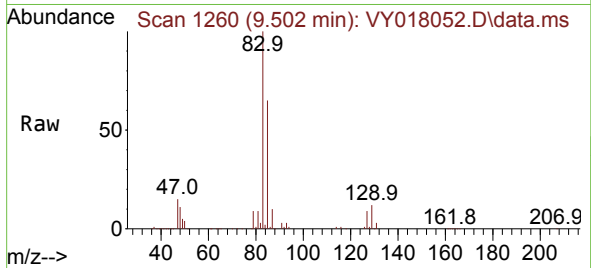




#47
Bromodichloromethane
Concen: 49.914 ug/l
RT: 9.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018052.D
Acq: 25 Apr 2024 16:43

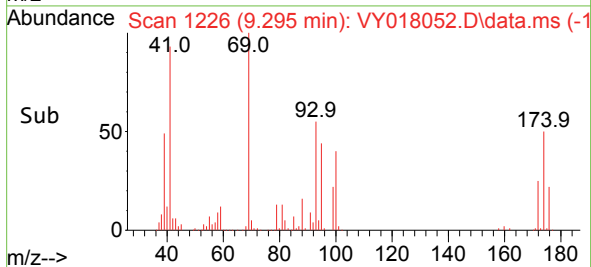
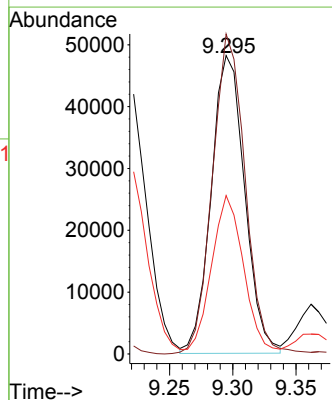
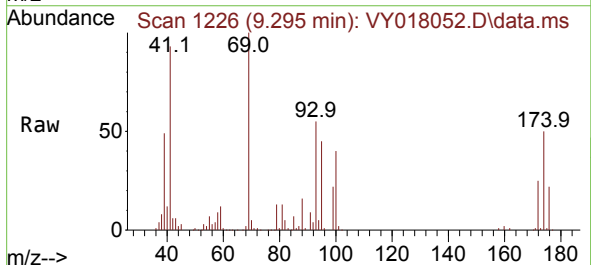
Instrument :
MSVOA_Y
ClientSampleId :

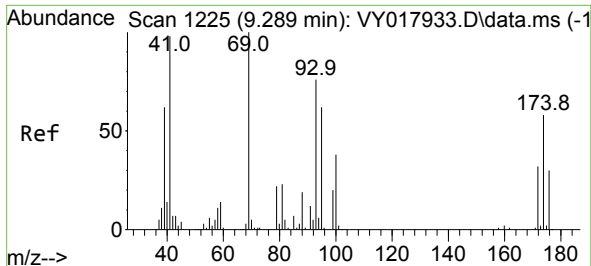
Tgt Ion: 83 Resp: 266316
Ion Ratio Lower Upper
83 100
85 64.7 50.1 75.1
127 8.8 7.4 11.0



#48
Methyl methacrylate
Concen: 47.348 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY018052.D
Acq: 25 Apr 2024 16:43

Tgt Ion: 41 Resp: 88724
Ion Ratio Lower Upper
41 100
69 105.8 84.1 126.1
39 48.4 43.6 65.4





#49

1,4-Dioxane

Concen: 991.055 ug/l

RT: 9.307 min Scan# 11

Delta R.T. 0.006 min

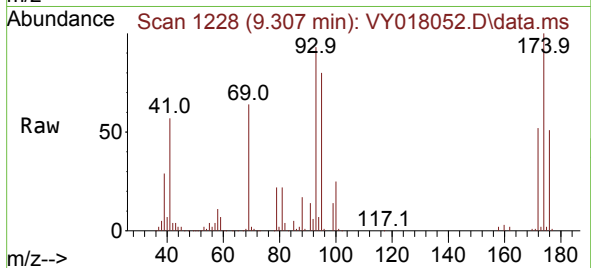
Lab File: VY018052.D

Acq: 25 Apr 2024 16:43

Instrument :

MSVOA_Y

ClientSampleId :



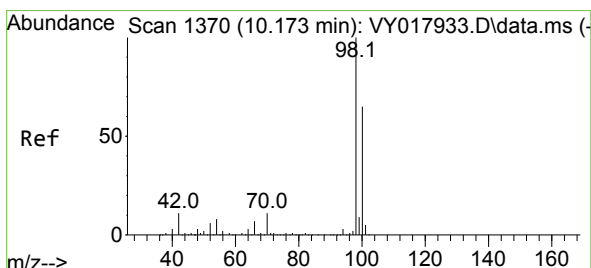
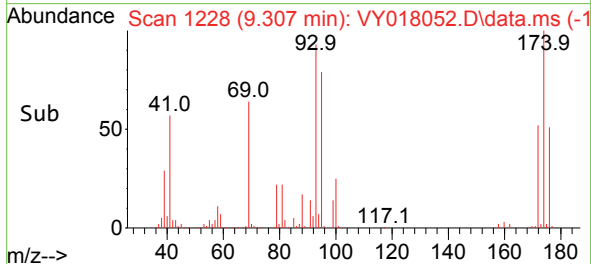
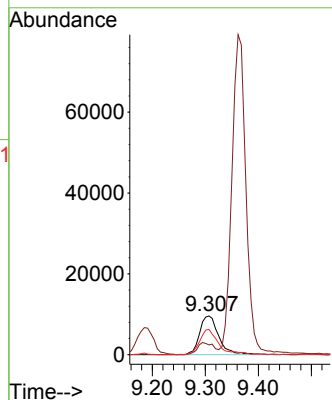
Tgt Ion: 88 Resp: 24061

Ion Ratio Lower Upper

88 100

43 27.5 0.0 0.0#

58 63.9 49.3 73.9



#50

Toluene-d8

Concen: 56.172 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY018052.D

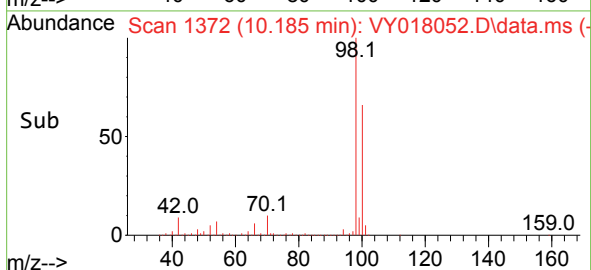
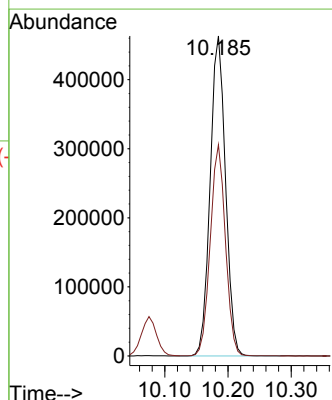
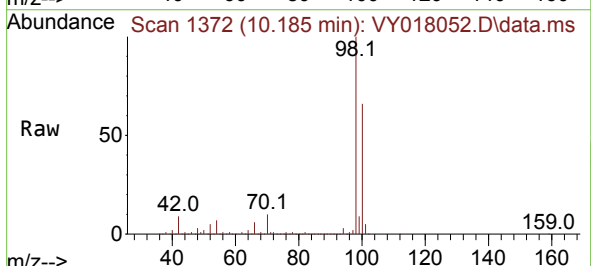
Acq: 25 Apr 2024 16:43

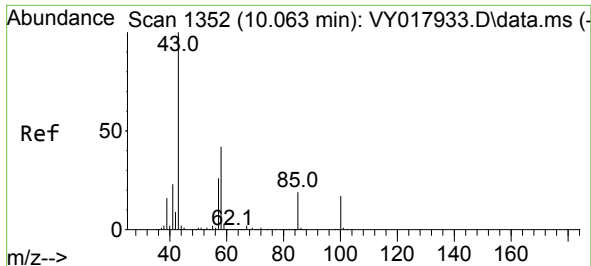
Tgt Ion: 98 Resp: 781508

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0

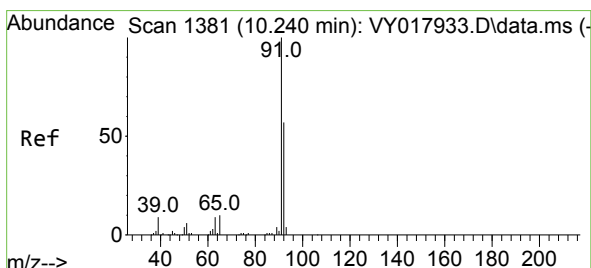
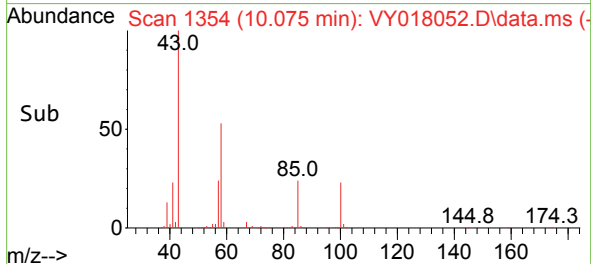
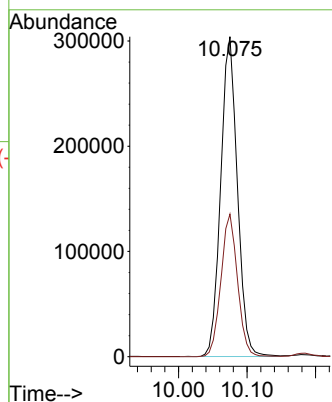
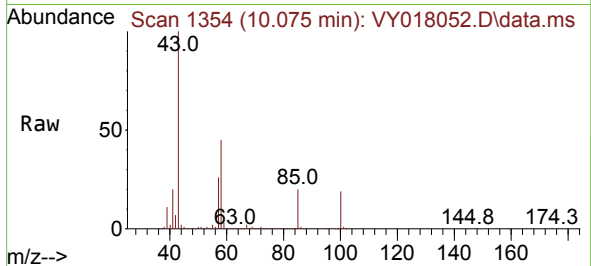




#51
4-Methyl-2-Pentanone
Concen: 236.131 ug/l
RT: 10.075 min Scan# 1352
Delta R.T. 0.006 min
Lab File: VY018052.D
Acq: 25 Apr 2024 16:43

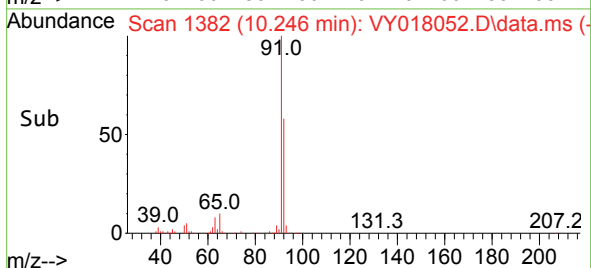
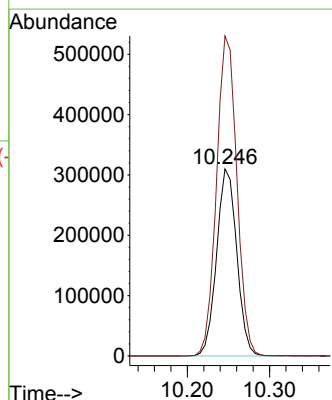
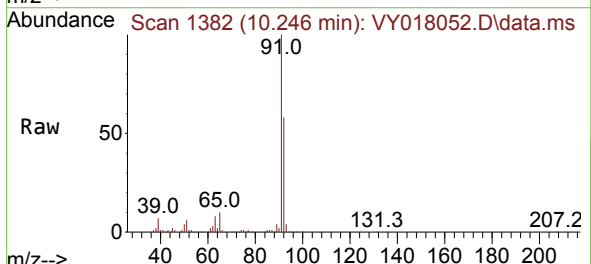
Instrument :
MSVOA_Y
ClientSampleId :

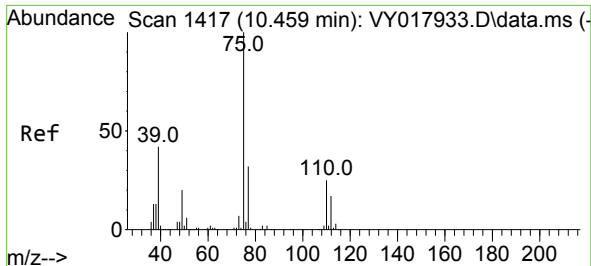
Tgt Ion: 43 Resp: 511905
Ion Ratio Lower Upper
43 100
58 44.4 35.7 53.5



#52
Toluene
Concen: 51.521 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY018052.D
Acq: 25 Apr 2024 16:43

Tgt Ion: 92 Resp: 528045
Ion Ratio Lower Upper
92 100
91 172.9 139.0 208.6

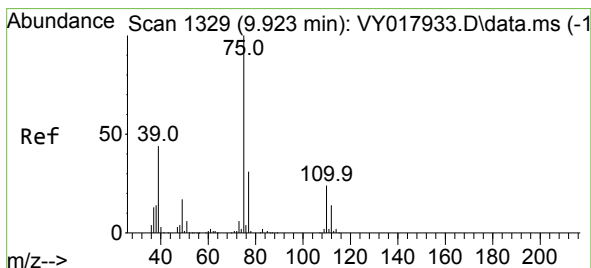
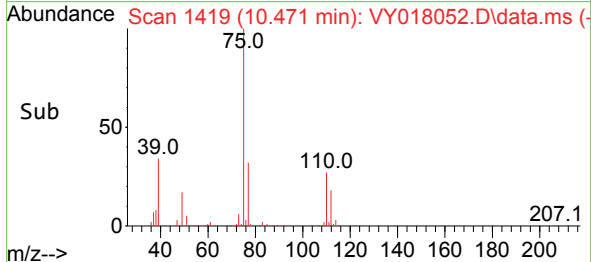
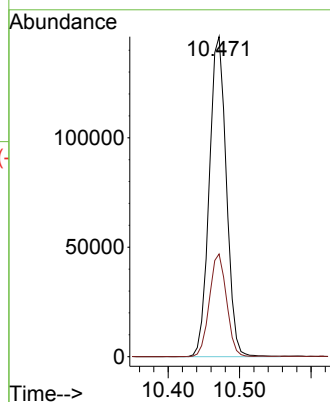
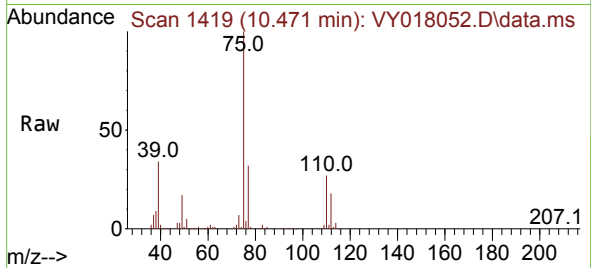




#53
 t-1,3-Dichloropropene
 Concen: 49.794 ug/l
 RT: 10.471 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY018052.D
 Acq: 25 Apr 2024 16:43

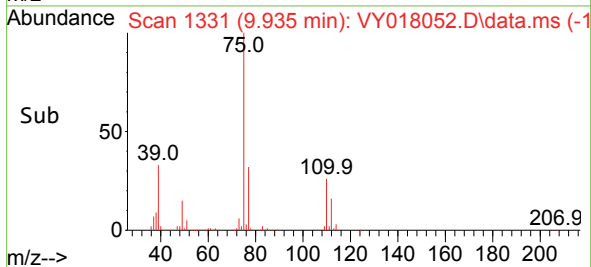
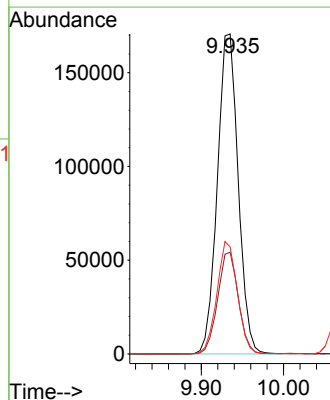
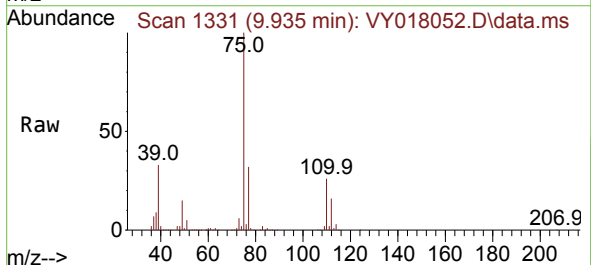
Instrument :
 MSVOA_Y
 ClientSampleId :

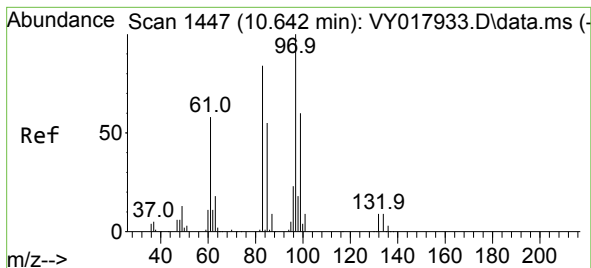
Tgt Ion: 75 Resp: 242544
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 50.186 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.006 min
 Lab File: VY018052.D
 Acq: 25 Apr 2024 16:43

Tgt Ion: 75 Resp: 300302
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.0
 39 33.4 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 49.793 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY018052.D

Acq: 25 Apr 2024 16:43

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 143950

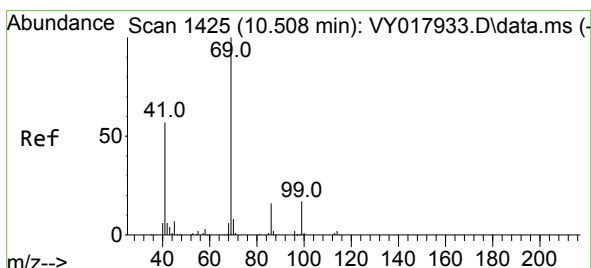
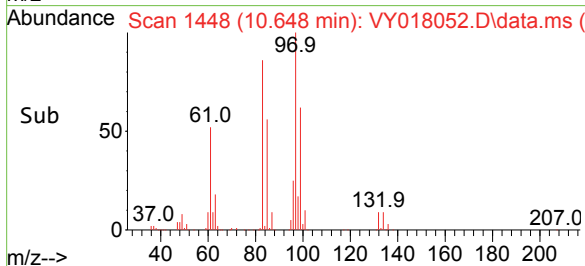
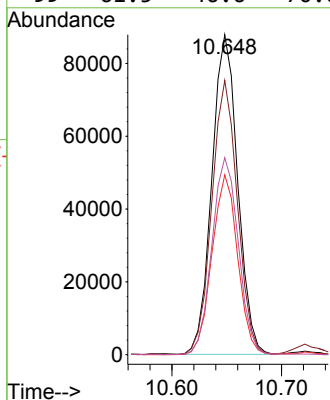
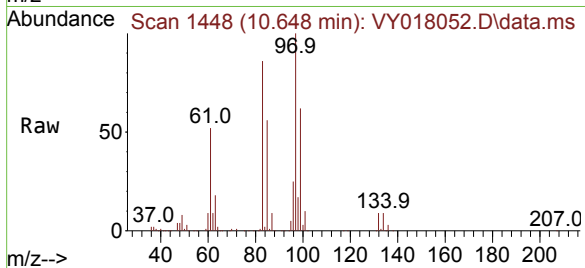
Ion Ratio Lower Upper

97 100

83 85.7 67.5 101.3

85 56.2 42.9 64.3

99 61.5 46.6 70.0



#56

Ethyl methacrylate

Concen: 49.693 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY018052.D

Acq: 25 Apr 2024 16:43

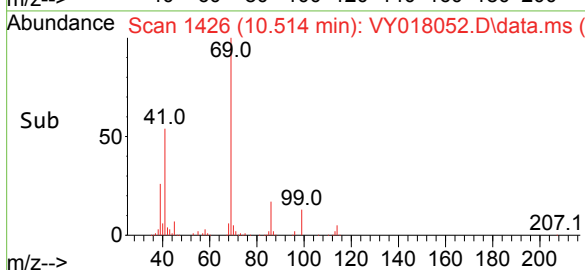
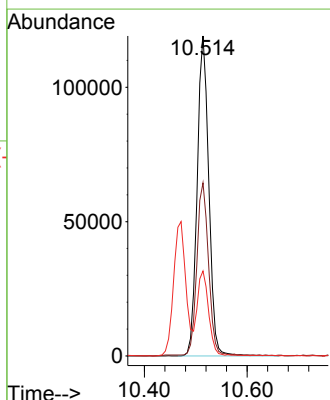
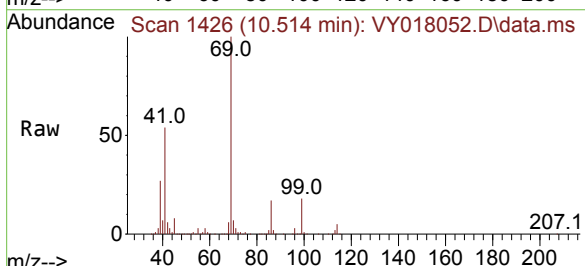
Tgt Ion: 69 Resp: 187289

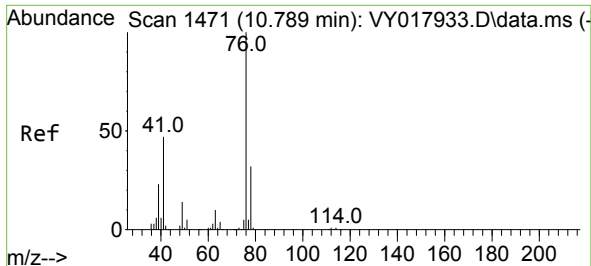
Ion Ratio Lower Upper

69 100

41 53.6 42.3 63.5

39 25.2 22.9 34.3





#57

1,3-Dichloropropane

Concen: 50.113 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY018052.D

Acq: 25 Apr 2024 16:43

Instrument :

MSVOA_Y

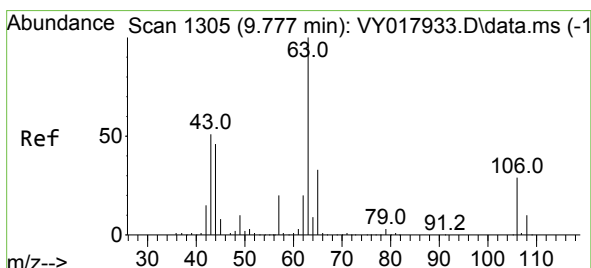
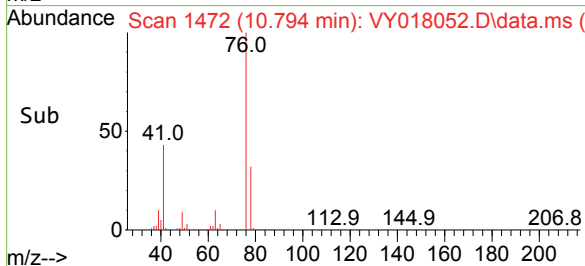
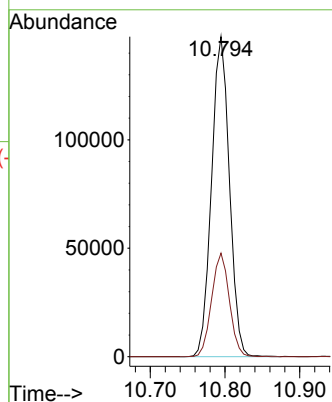
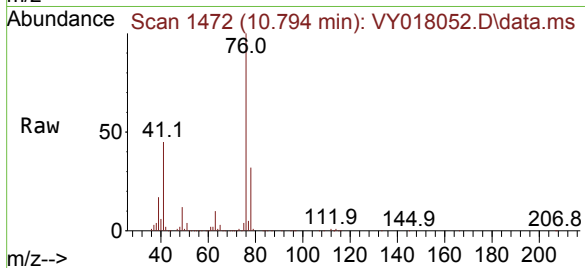
ClientSampleId :

Tgt Ion: 76 Resp: 245317

Ion Ratio Lower Upper

76 100

78 32.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 226.546 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VY018052.D

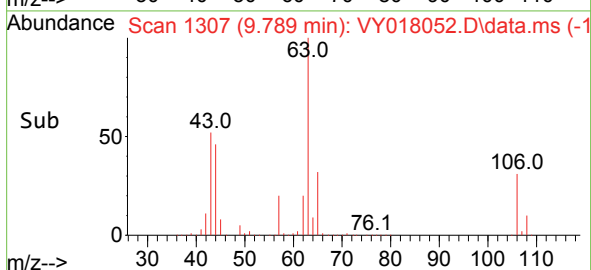
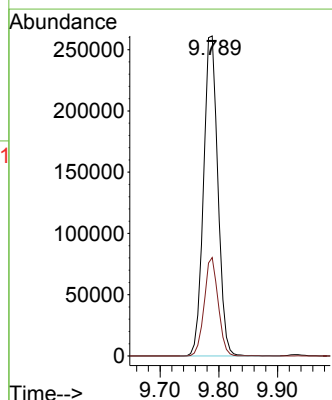
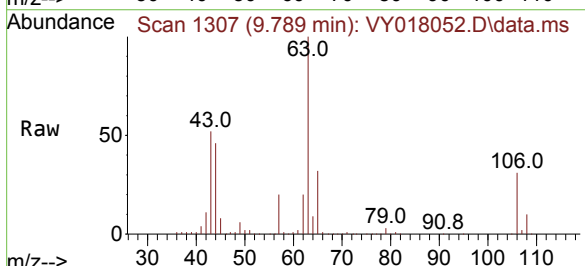
Acq: 25 Apr 2024 16:43

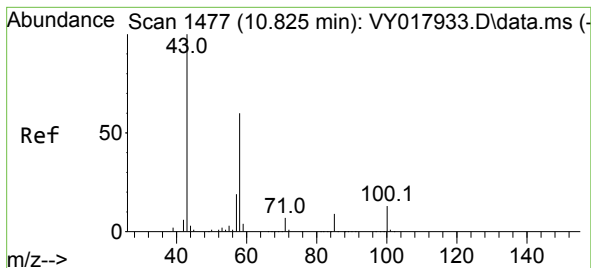
Tgt Ion: 63 Resp: 443822

Ion Ratio Lower Upper

63 100

106 29.8 23.7 35.5

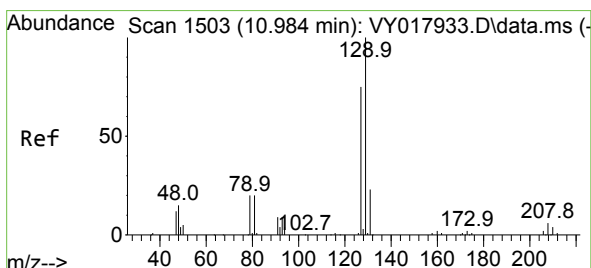
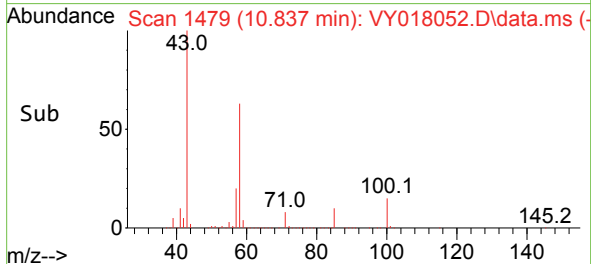
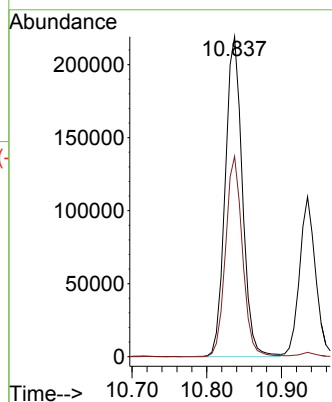
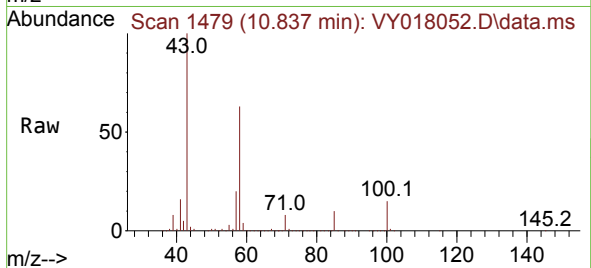




#59
2-Hexanone
Concen: 235.731 ug/l
RT: 10.837 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VY018052.D
Acq: 25 Apr 2024 16:43

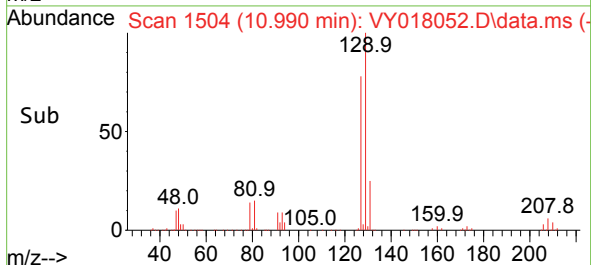
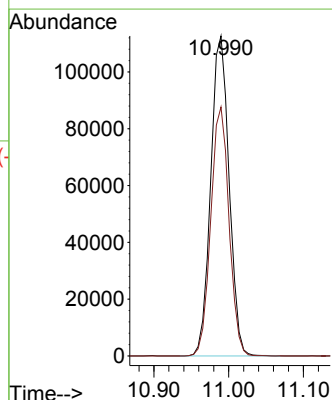
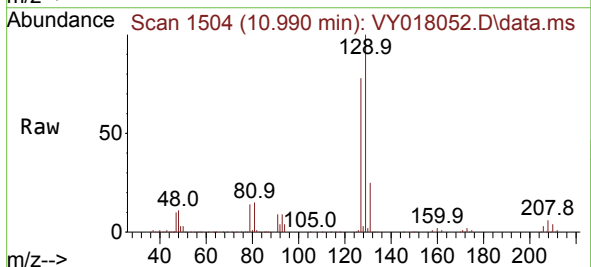
Instrument :
MSVOA_Y
ClientSampleId :

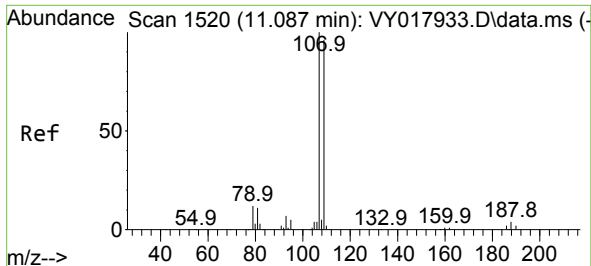
Tgt Ion: 43 Resp: 348851
Ion Ratio Lower Upper
43 100
58 61.9 31.4 94.0



#60
Dibromochloromethane
Concen: 51.841 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY018052.D
Acq: 25 Apr 2024 16:43

Tgt Ion:129 Resp: 192615
Ion Ratio Lower Upper
129 100
127 77.2 39.0 117.0

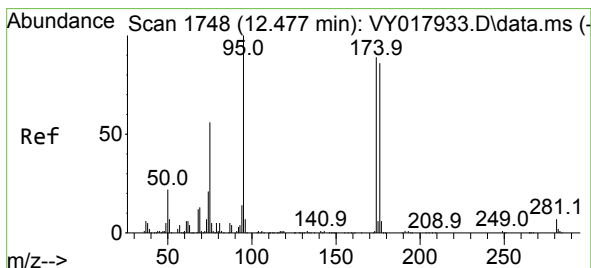
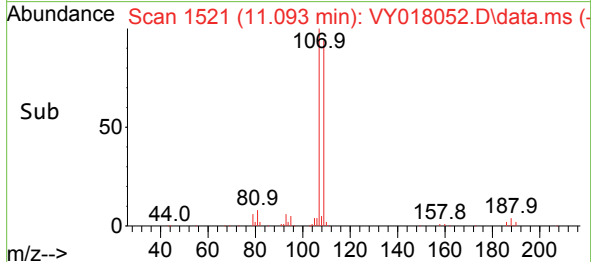
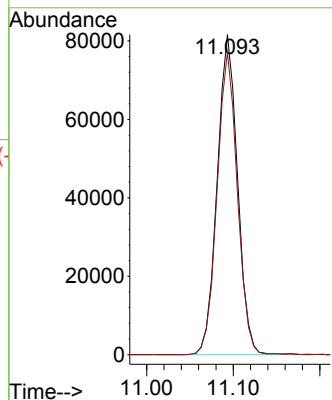
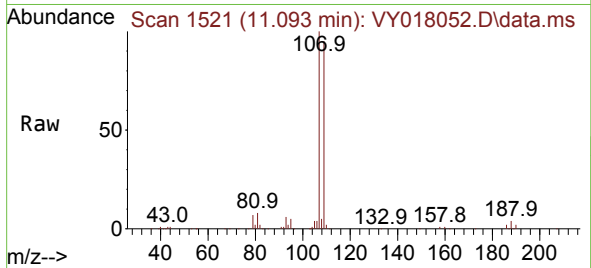




#61
1,2-Dibromoethane
Concen: 49.291 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018052.D
Acq: 25 Apr 2024 16:43

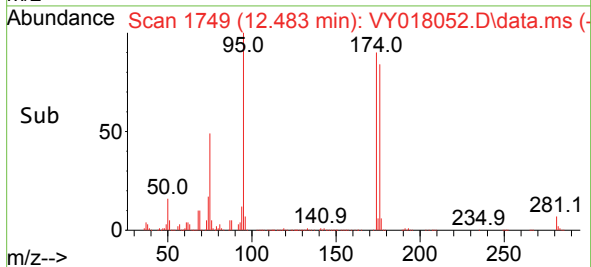
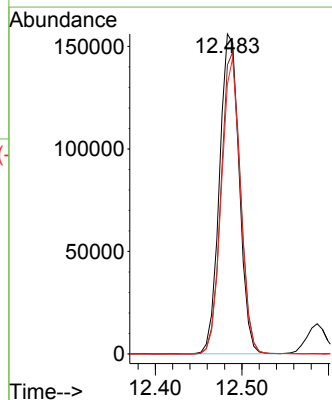
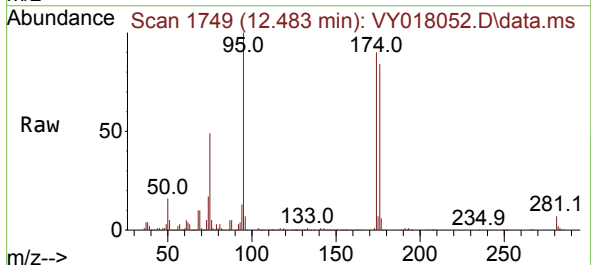
Instrument :
MSVOA_Y
ClientSampleId :

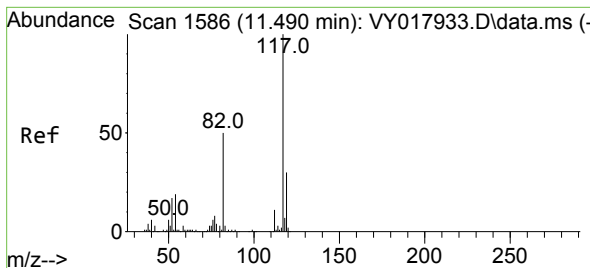
Tgt Ion:107 Resp: 132803
Ion Ratio Lower Upper
107 100
109 94.2 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 57.024 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018052.D
Acq: 25 Apr 2024 16:43

Tgt Ion: 95 Resp: 245705
Ion Ratio Lower Upper
95 100
174 93.4 0.0 175.6
176 89.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018052.D

Acq: 25 Apr 2024 16:43

Instrument :

MSVOA_Y

ClientSampleId :

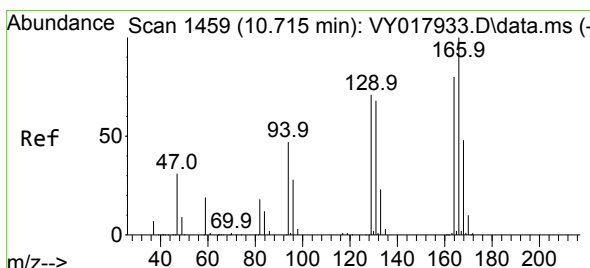
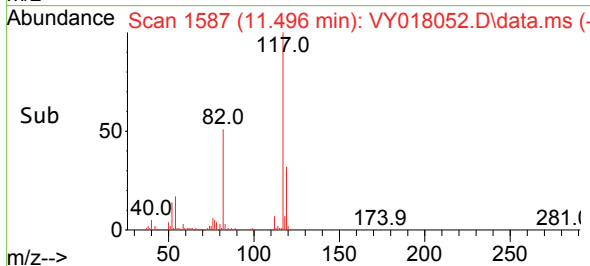
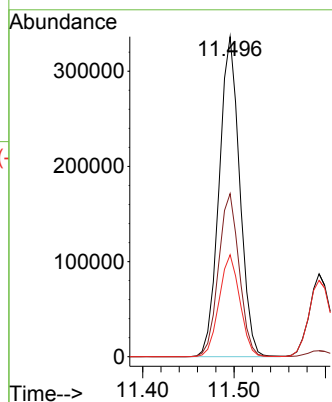
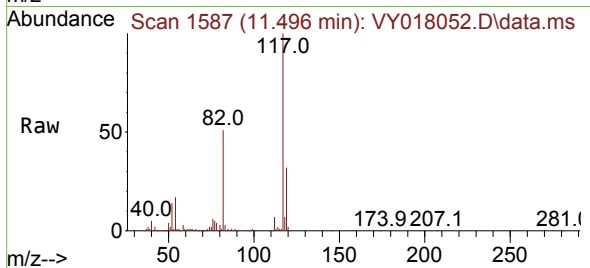
Tgt Ion:117 Resp: 526288

Ion Ratio Lower Upper

117 100

82 50.9 42.4 63.6

119 31.9 25.9 38.9



#64

Tetrachloroethene

Concen: 50.750 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. 0.006 min

Lab File: VY018052.D

Acq: 25 Apr 2024 16:43

Tgt Ion:164 Resp: 191331

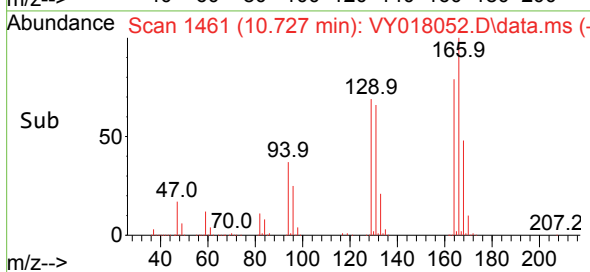
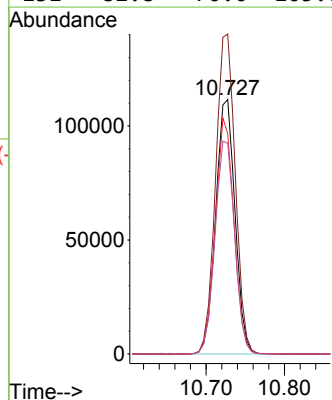
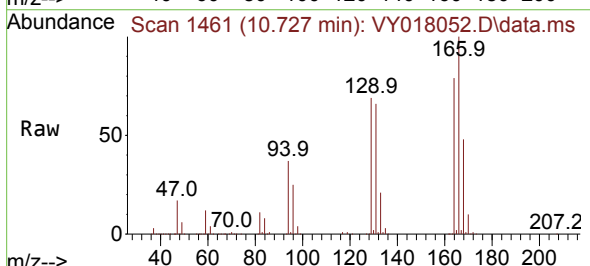
Ion Ratio Lower Upper

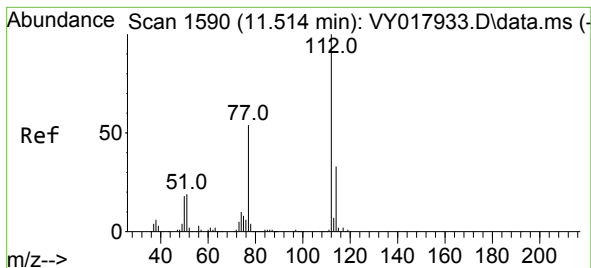
164 100

166 125.8 102.6 154.0

129 86.6 72.0 108.0

131 82.8 70.0 105.0





#65

Chlorobenzene

Concen: 51.364 ug/l

RT: 11.520 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018052.D

Acq: 25 Apr 2024 16:43

Instrument :

MSVOA_Y

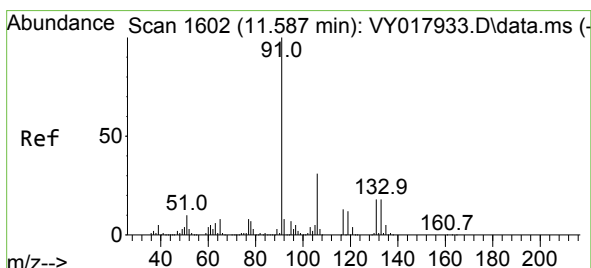
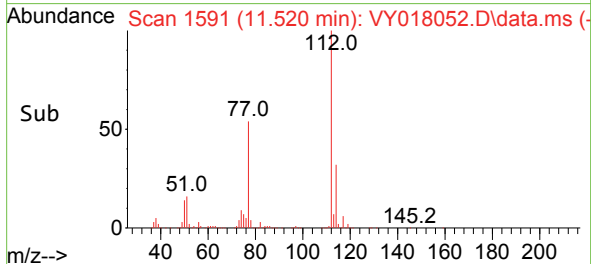
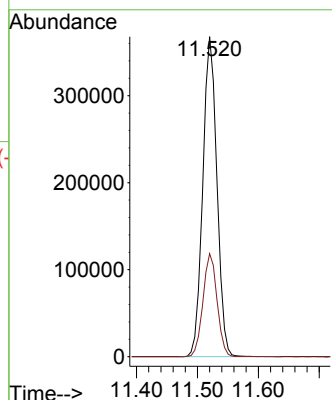
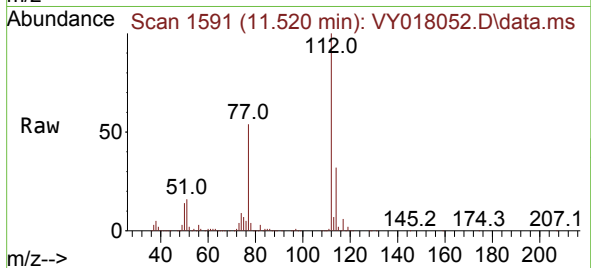
ClientSampleId :

Tgt Ion:112 Resp: 592456

Ion Ratio Lower Upper

112 100

114 32.2 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 52.376 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY018052.D

Acq: 25 Apr 2024 16:43

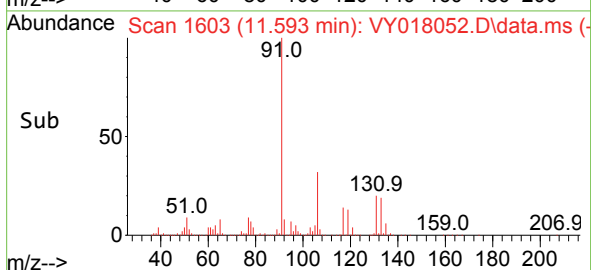
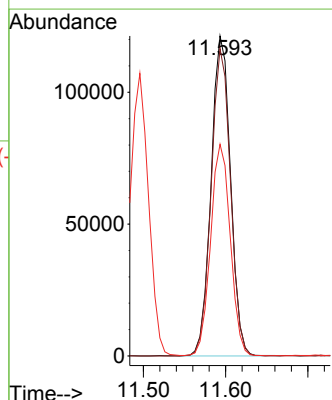
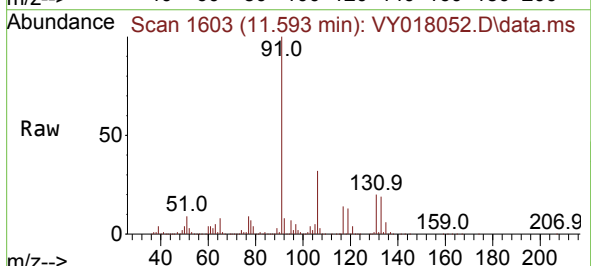
Tgt Ion:131 Resp: 199207

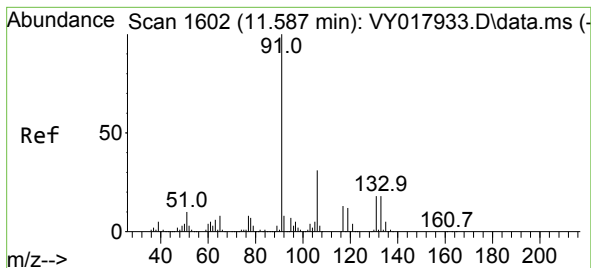
Ion Ratio Lower Upper

131 100

133 95.5 47.8 143.3

119 67.0 34.1 102.2





#67

Ethyl Benzene

Concen: 51.194 ug/l

RT: 11.599 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018052.D

Acq: 25 Apr 2024 16:43

Instrument :

MSVOA_Y

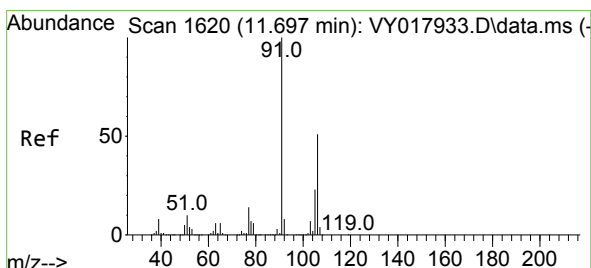
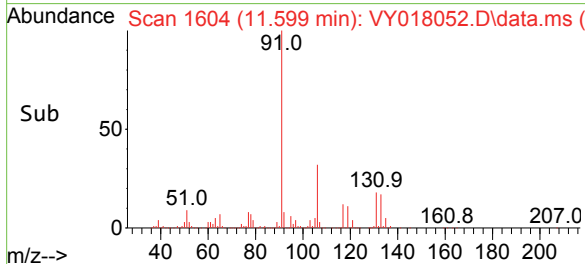
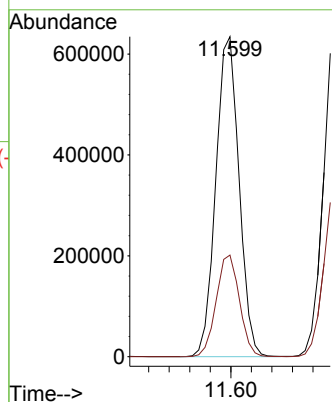
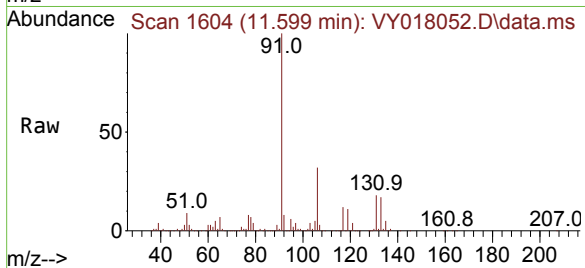
ClientSampleId :

Tgt Ion: 91 Resp: 994270

Ion Ratio Lower Upper

91 100

106 31.8 24.5 36.7



#68

m/p-Xylenes

Concen: 103.485 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY018052.D

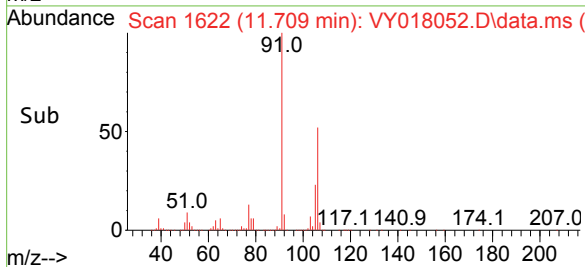
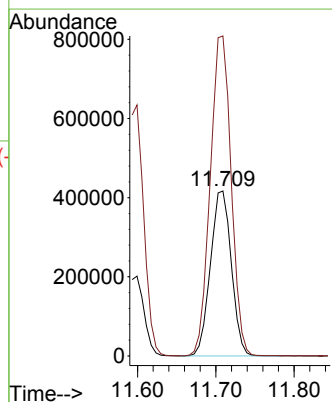
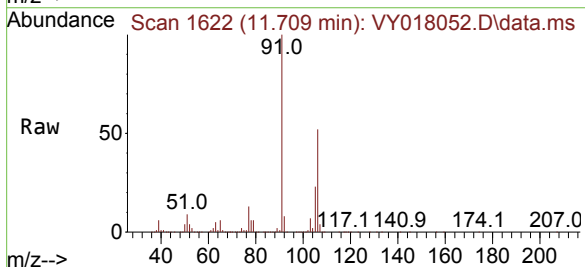
Acq: 25 Apr 2024 16:43

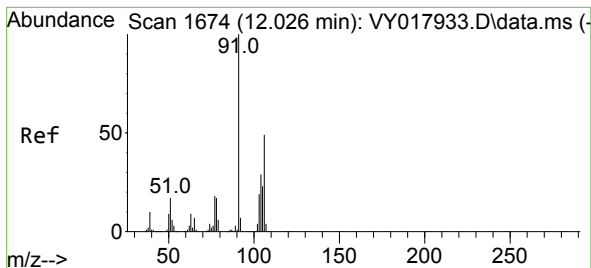
Tgt Ion:106 Resp: 771936

Ion Ratio Lower Upper

106 100

91 194.5 156.0 234.0





#69

o-Xylene

Concen: 52.839 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VY018052.D

Acq: 25 Apr 2024 16:43

Instrument :

MSVOA_Y

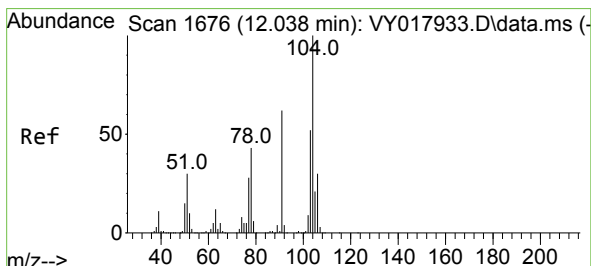
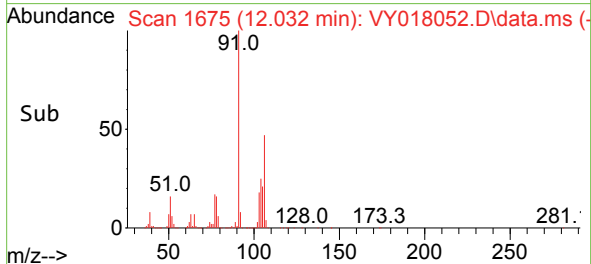
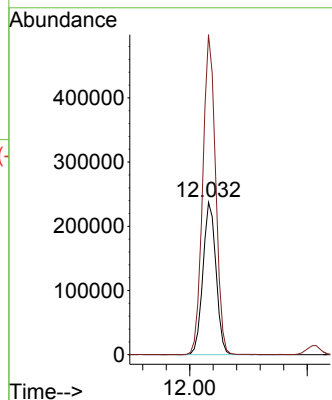
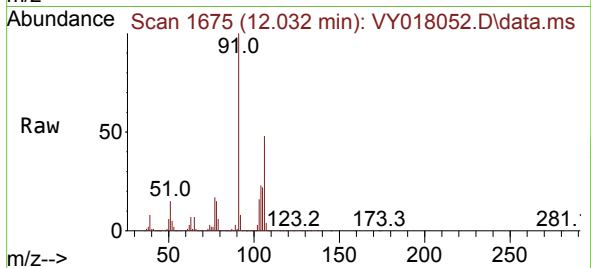
ClientSampleId :

Tgt Ion:106 Resp: 368074

Ion Ratio Lower Upper

106 100

91 206.5 103.6 310.8



#70

Styrene

Concen: 53.519 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.006 min

Lab File: VY018052.D

Acq: 25 Apr 2024 16:43

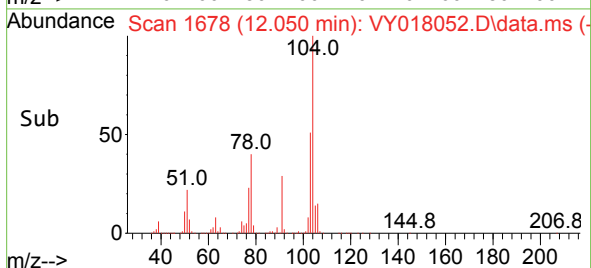
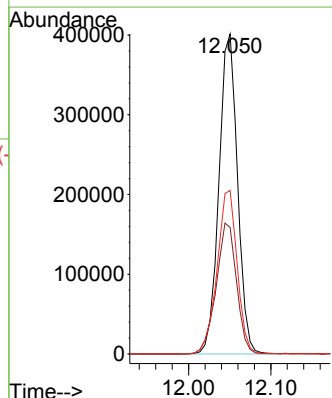
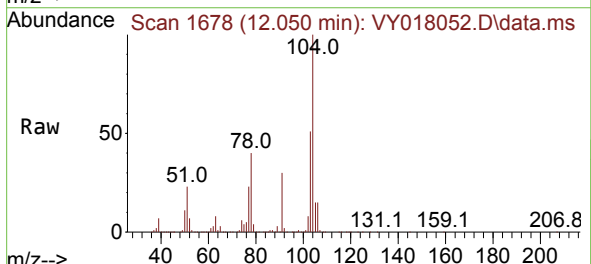
Tgt Ion:104 Resp: 630107

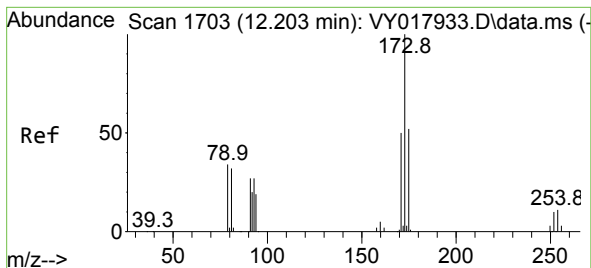
Ion Ratio Lower Upper

104 100

78 45.0 37.0 55.4

103 55.3 44.2 66.2





#71

Bromoform

Concen: 50.434 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018052.D

Acq: 25 Apr 2024 16:43

Instrument :

MSVOA_Y

ClientSampleId :

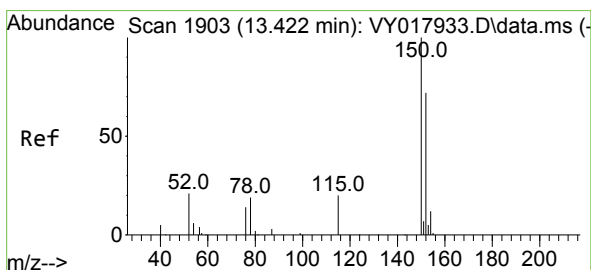
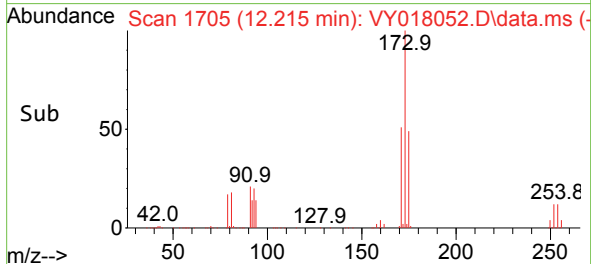
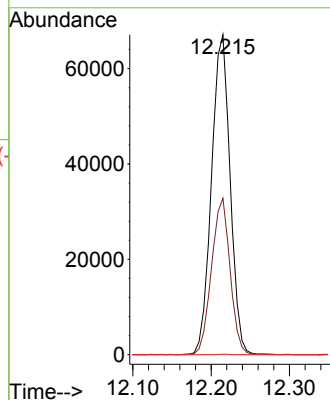
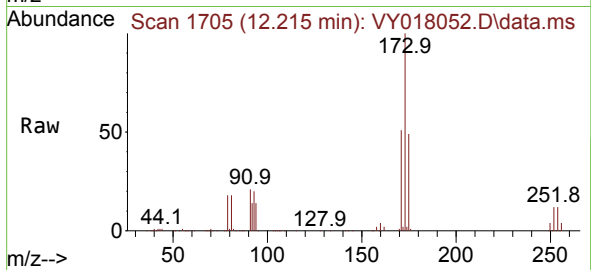
Tgt Ion:173 Resp: 110829

Ion Ratio Lower Upper

173 100

175 48.7 25.1 75.3

254 0.1 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: VY018052.D

Acq: 25 Apr 2024 16:43

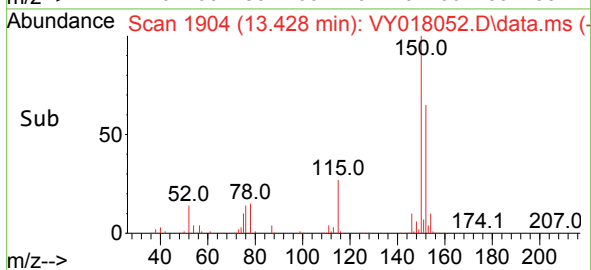
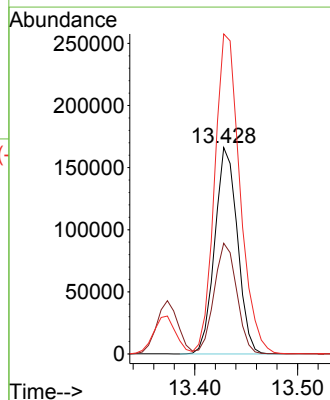
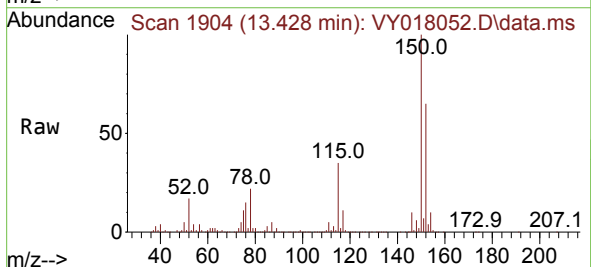
Tgt Ion:152 Resp: 253970

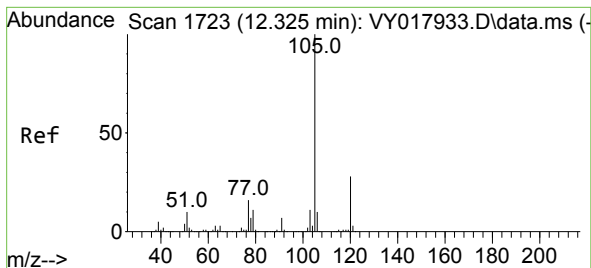
Ion Ratio Lower Upper

152 100

115 53.6 28.2 84.7

150 173.6 0.0 345.6





#73

Isopropylbenzene

Concen: 50.730 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018052.D

Acq: 25 Apr 2024 16:43

Instrument :

MSVOA_Y

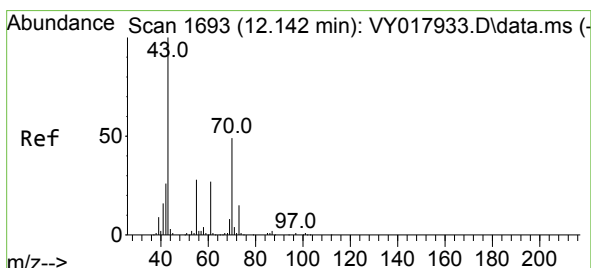
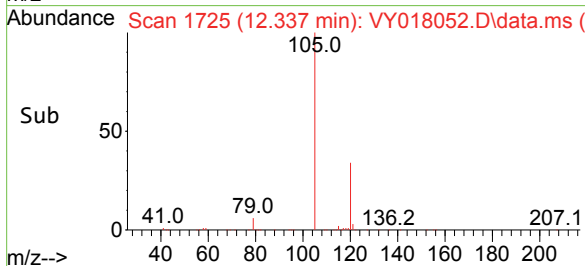
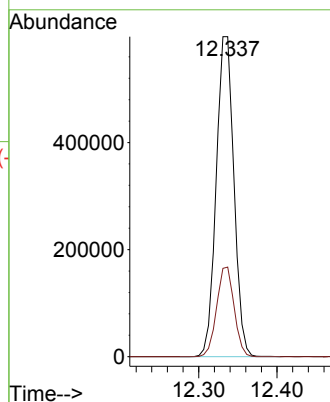
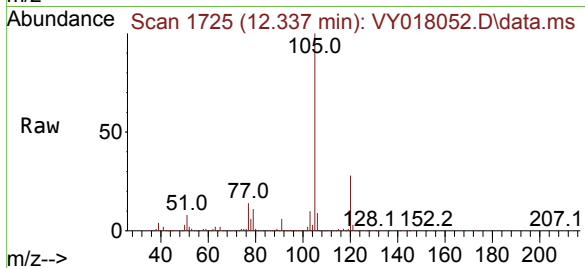
ClientSampleId :

Tgt Ion:105 Resp: 938799

Ion Ratio Lower Upper

105 100

120 27.7 13.4 40.1



#74

N-ethyl acetate

Concen: 45.884 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY018052.D

Acq: 25 Apr 2024 16:43

Tgt Ion: 43 Resp: 171407

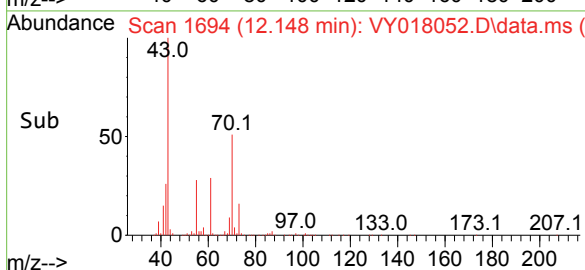
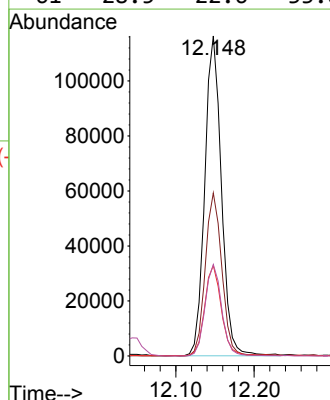
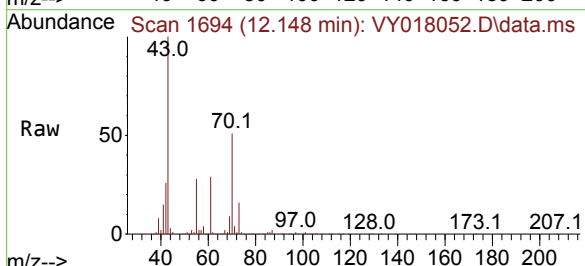
Ion Ratio Lower Upper

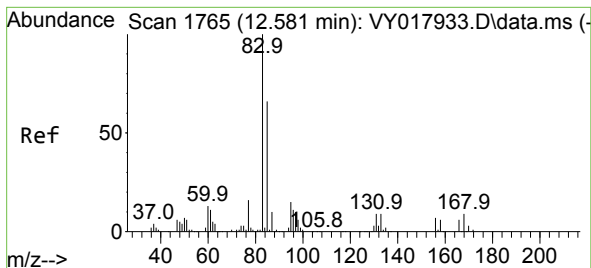
43 100

70 51.0 41.4 62.2

55 28.3 23.3 34.9

61 28.5 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 45.945 ug/l

RT: 12.587 min Scan# 1765

Delta R.T. 0.006 min

Lab File: VY018052.D

Acq: 25 Apr 2024 16:43

Instrument :

MSVOA_Y

ClientSampleId :

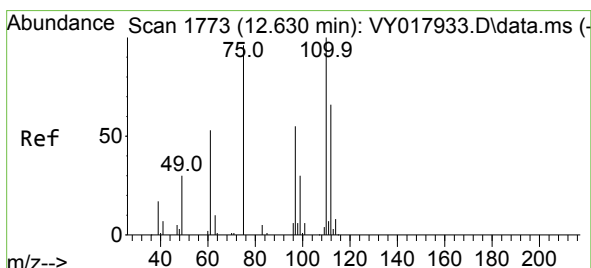
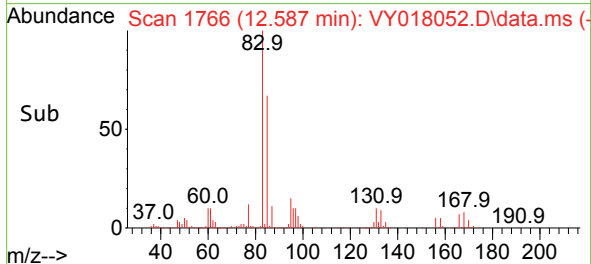
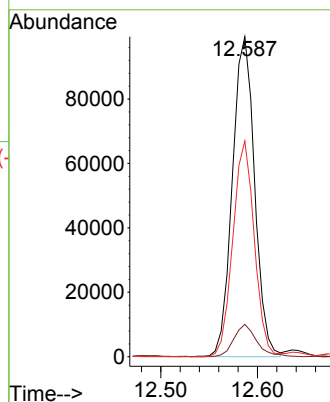
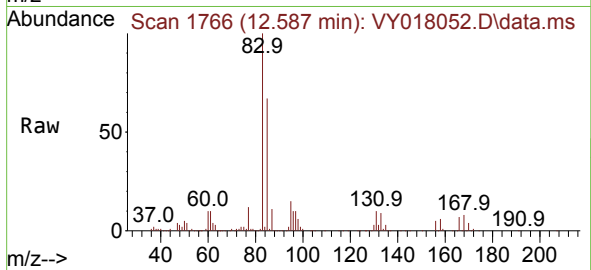
Tgt Ion: 83 Resp: 158575

Ion Ratio Lower Upper

83 100

131 10.3 5.0 14.9

85 65.1 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 81.810 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY018052.D

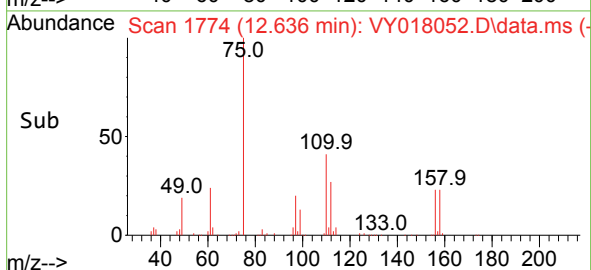
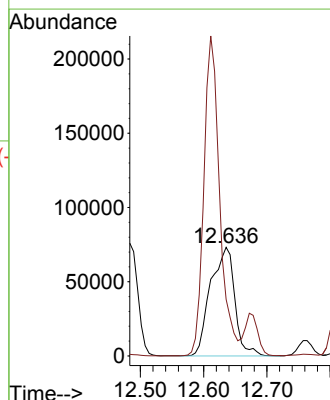
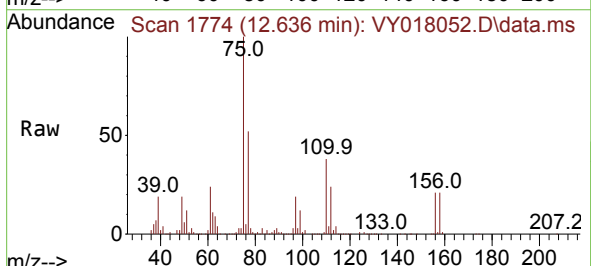
Acq: 25 Apr 2024 16:43

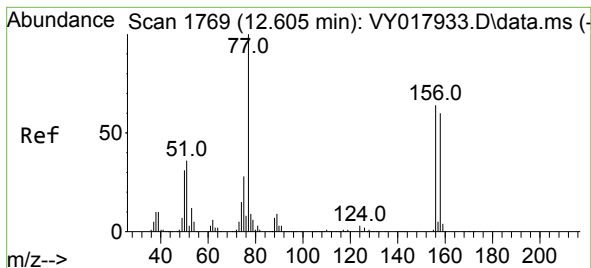
Tgt Ion: 75 Resp: 194971

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.991 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY018052.D

Acq: 25 Apr 2024 16:43

Instrument :

MSVOA_Y

ClientSampleId :

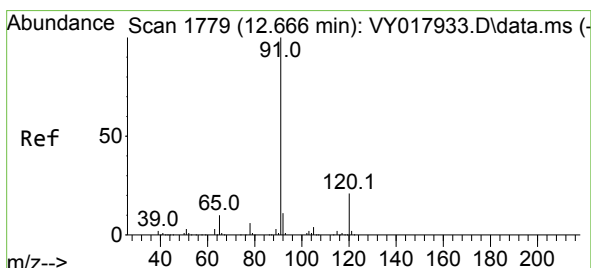
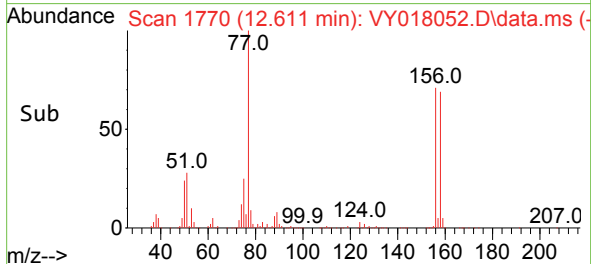
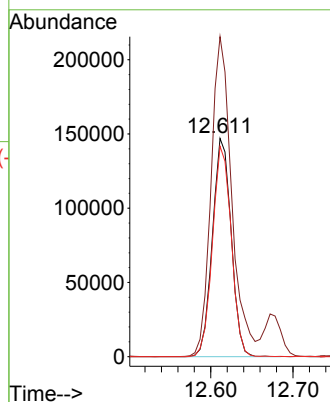
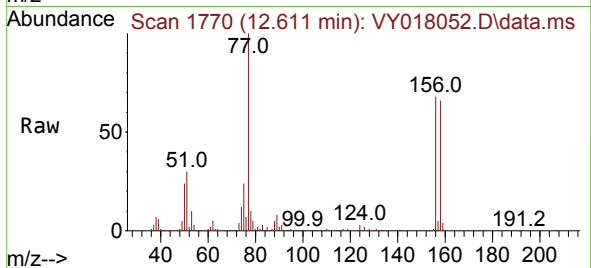
Tgt Ion:156 Resp: 232835

Ion Ratio Lower Upper

156 100

77 161.6 87.1 261.3

158 96.6 48.6 145.9



#78

n-propylbenzene

Concen: 50.038 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.006 min

Lab File: VY018052.D

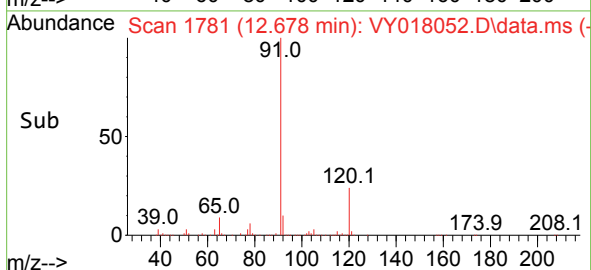
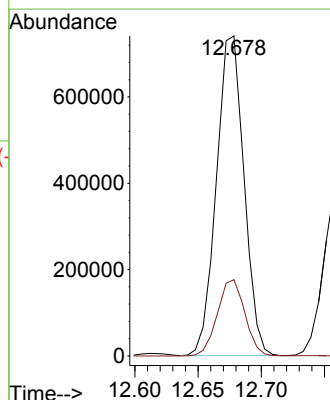
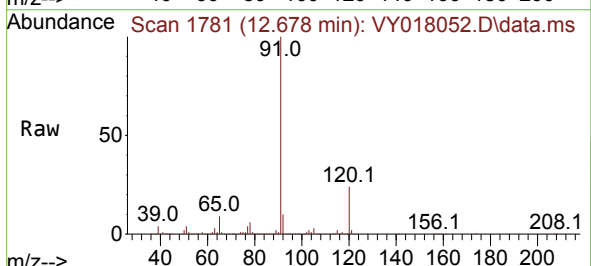
Acq: 25 Apr 2024 16:43

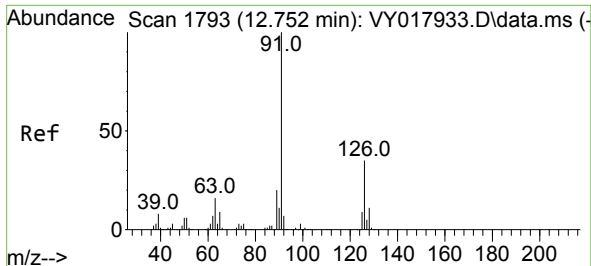
Tgt Ion: 91 Resp: 1123517

Ion Ratio Lower Upper

91 100

120 23.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 50.495 ug/l

RT: 12.764 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018052.D

Acq: 25 Apr 2024 16:43

Instrument :

MSVOA_Y

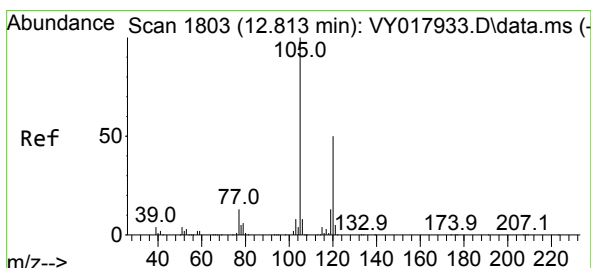
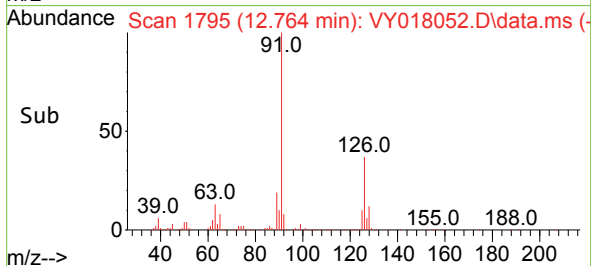
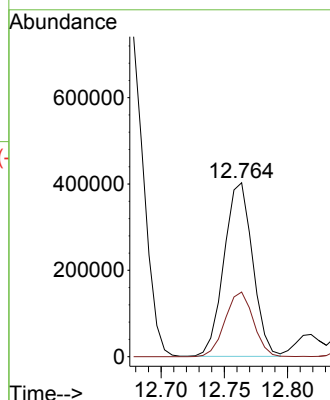
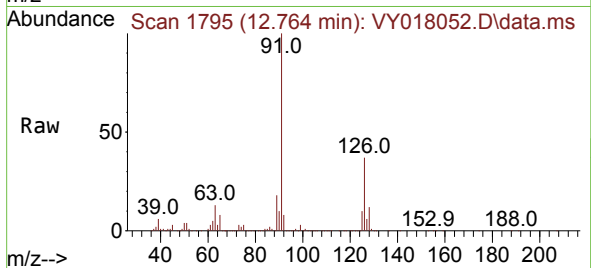
ClientSampleId :

Tgt Ion: 91 Resp: 634603

Ion Ratio Lower Upper

91 100

126 36.9 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 51.025 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. 0.006 min

Lab File: VY018052.D

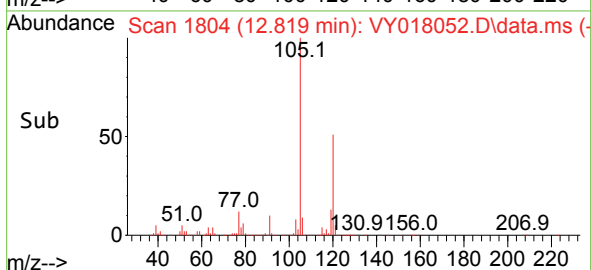
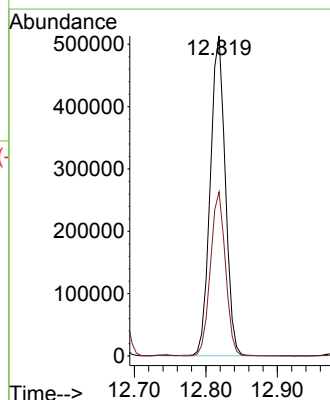
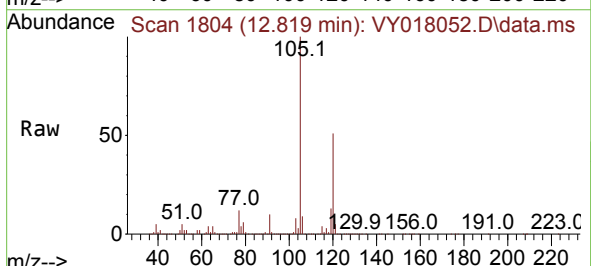
Acq: 25 Apr 2024 16:43

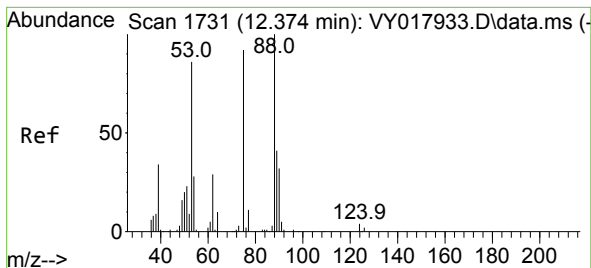
Tgt Ion:105 Resp: 748736

Ion Ratio Lower Upper

105 100

120 51.3 25.1 75.2

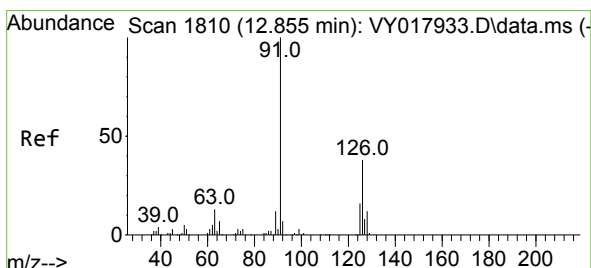
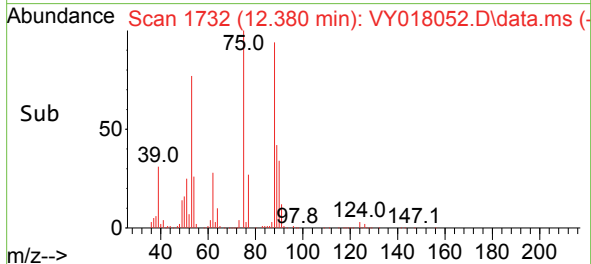
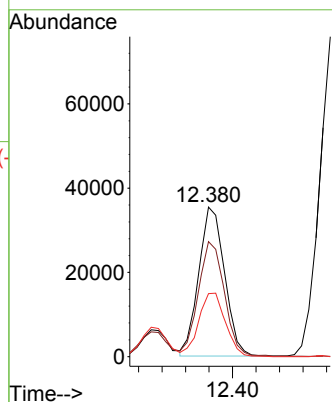
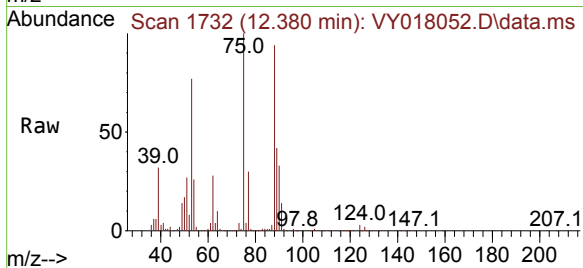




#81
trans-1,4-Dichloro-2-butene
Concen: 46.642 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY018052.D
Acq: 25 Apr 2024 16:43

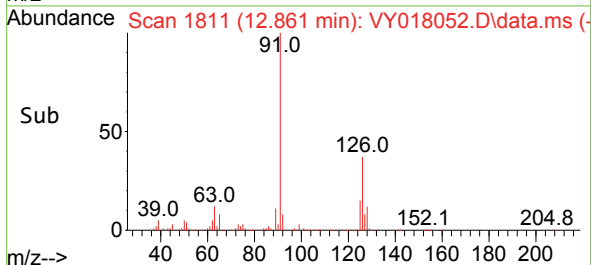
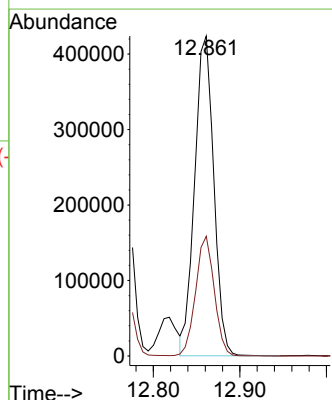
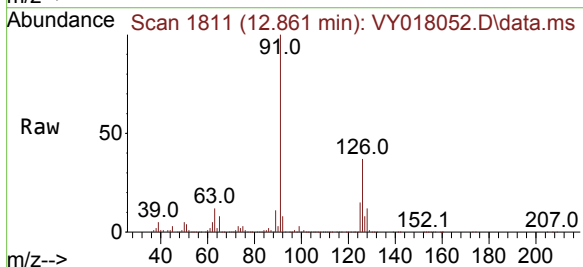
Instrument :
MSVOA_Y
ClientSampleId :

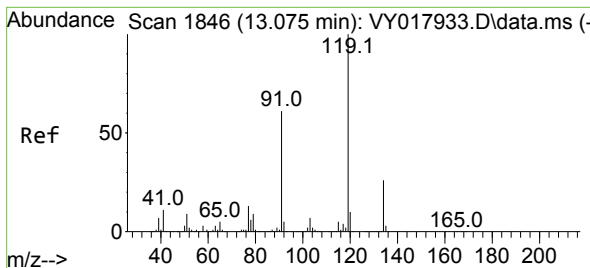
Tgt Ion: 75 Resp: 53912
Ion Ratio Lower Upper
75 100
53 78.3 66.8 100.2
89 44.2 35.8 53.6



#82
4-Chlorotoluene
Concen: 49.869 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY018052.D
Acq: 25 Apr 2024 16:43

Tgt Ion: 91 Resp: 649103
Ion Ratio Lower Upper
91 100
126 36.6 17.6 52.9





#83

tert-Butylbenzene

Concen: 52.638 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY018052.D

Acq: 25 Apr 2024 16:43

Instrument :

MSVOA_Y

ClientSampleId :

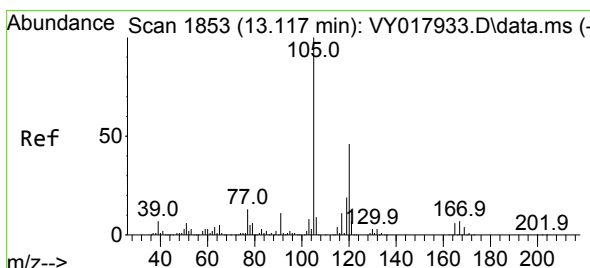
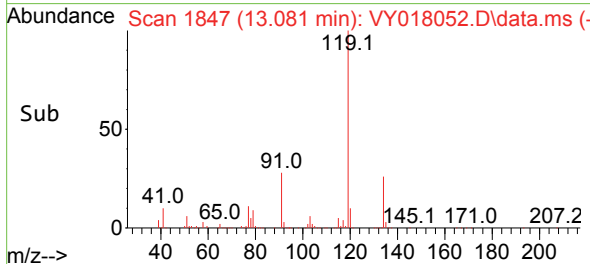
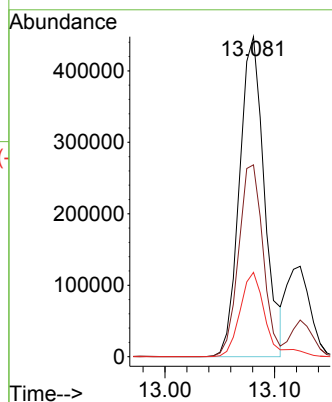
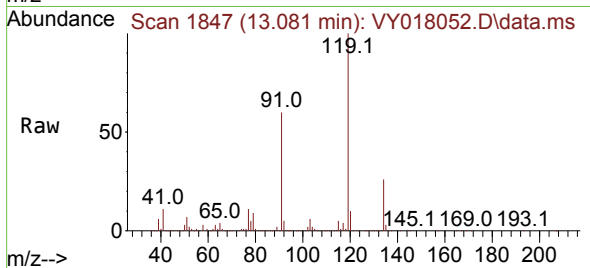
Tgt Ion:119 Resp: 705471

Ion Ratio Lower Upper

119 100

91 58.9 31.3 93.8

134 27.0 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 51.579 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY018052.D

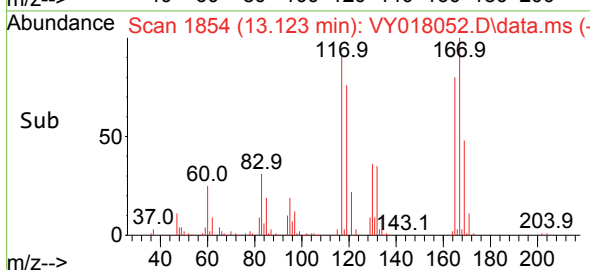
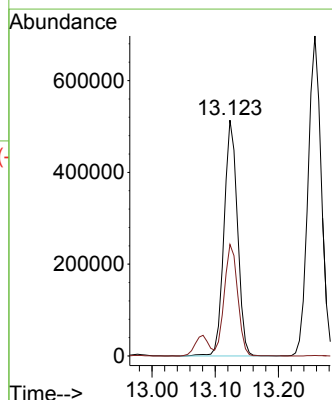
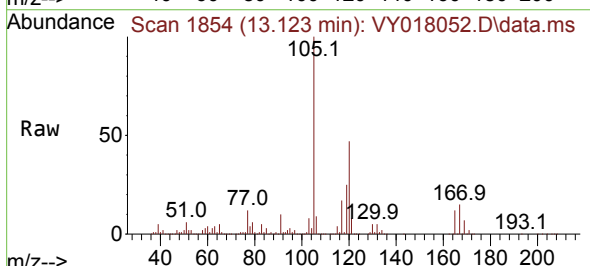
Acq: 25 Apr 2024 16:43

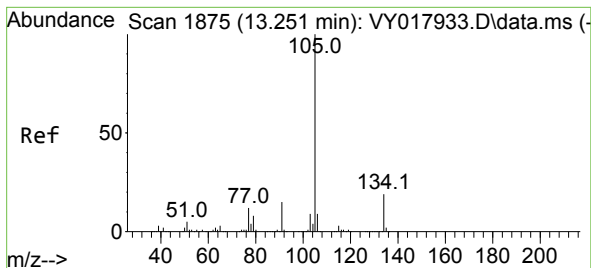
Tgt Ion:105 Resp: 753722

Ion Ratio Lower Upper

105 100

120 47.1 23.2 69.6





#85

sec-Butylbenzene

Concen: 50.006 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY018052.D

Acq: 25 Apr 2024 16:43

Instrument :

MSVOA_Y

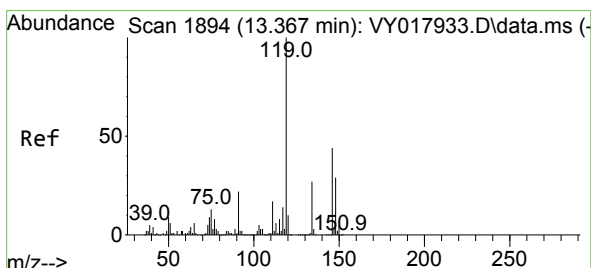
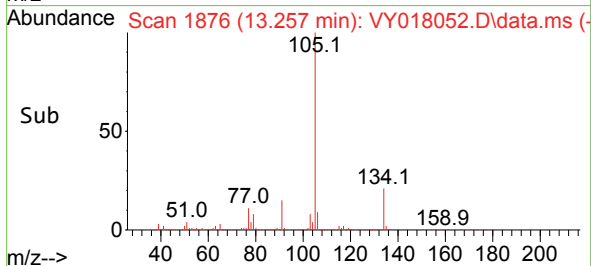
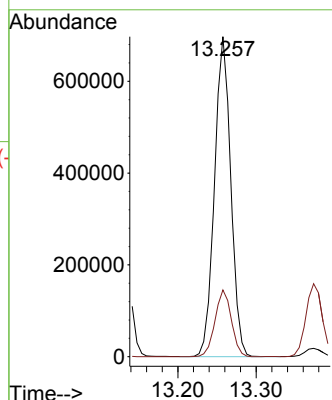
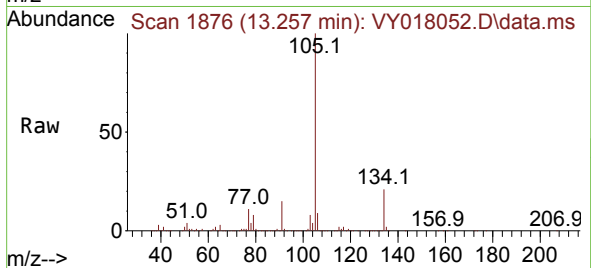
ClientSampleId :

Tgt Ion:105 Resp: 1006654

Ion Ratio Lower Upper

105 100

134 20.9 10.1 30.1



#86

p-Isopropyltoluene

Concen: 50.817 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY018052.D

Acq: 25 Apr 2024 16:43

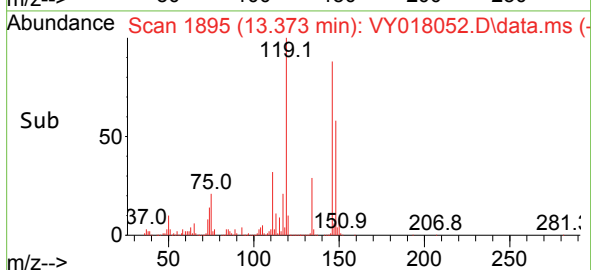
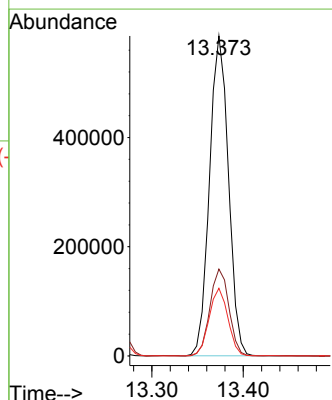
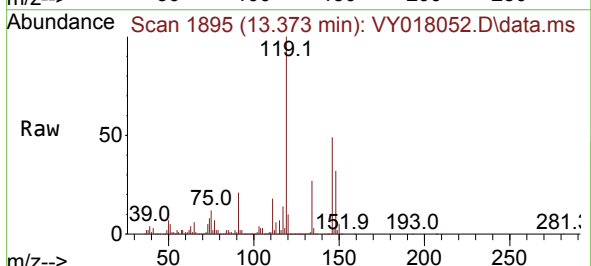
Tgt Ion:119 Resp: 840589

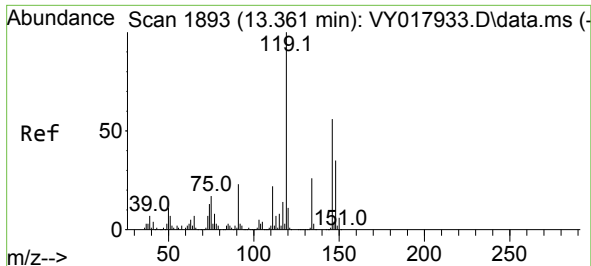
Ion Ratio Lower Upper

119 100

134 27.3 13.1 39.3

91 21.0 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 50.280 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY018052.D

Acq: 25 Apr 2024 16:43

Instrument :

MSVOA_Y

ClientSampleId :

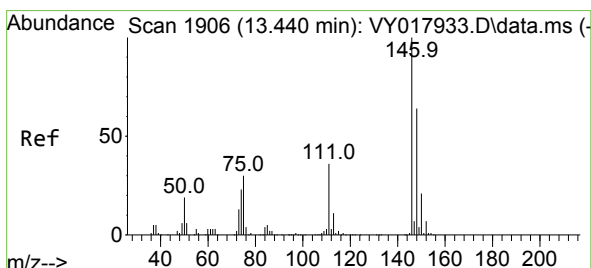
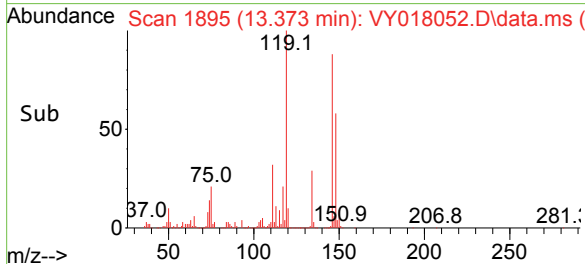
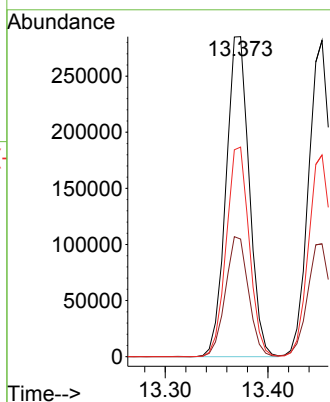
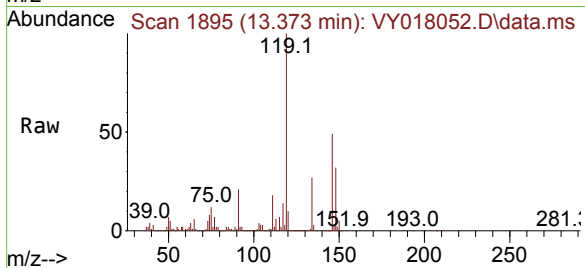
Tgt Ion:146 Resp: 446766

Ion Ratio Lower Upper

146 100

111 37.4 19.0 57.0

148 64.9 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 49.781 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY018052.D

Acq: 25 Apr 2024 16:43

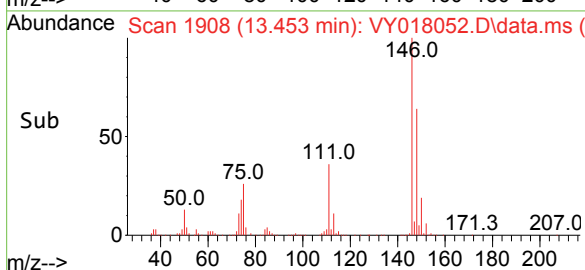
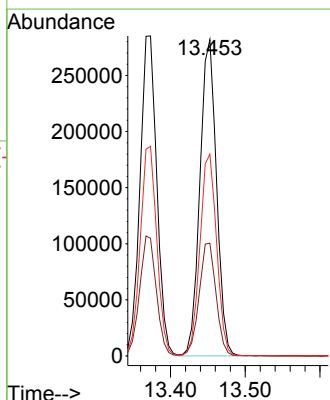
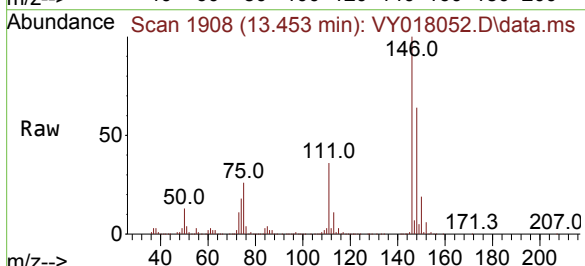
Tgt Ion:146 Resp: 434225

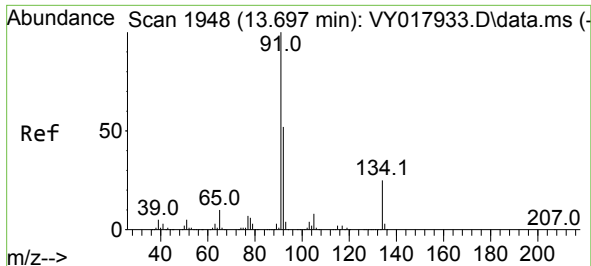
Ion Ratio Lower Upper

146 100

111 36.2 18.4 55.4

148 64.5 32.4 97.2

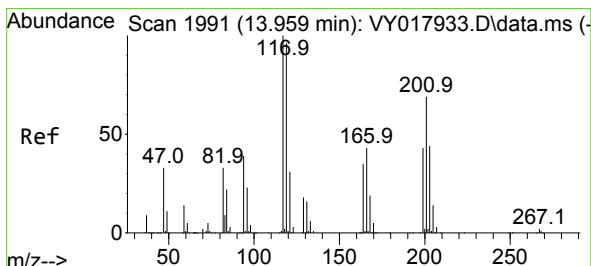
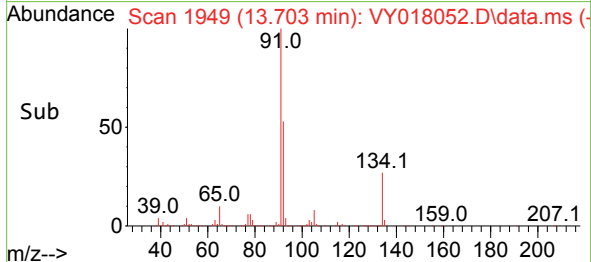
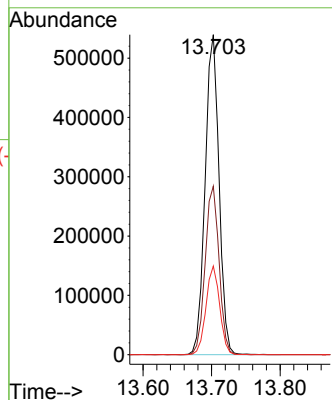
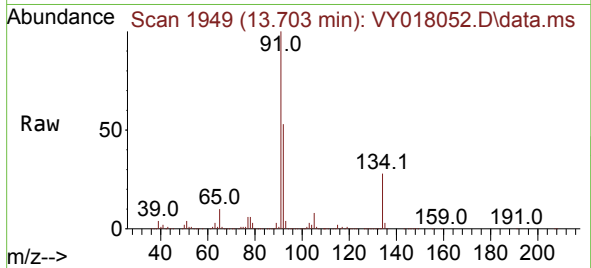




#89
n-Butylbenzene
Concen: 48.914 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY018052.D
Acq: 25 Apr 2024 16:43

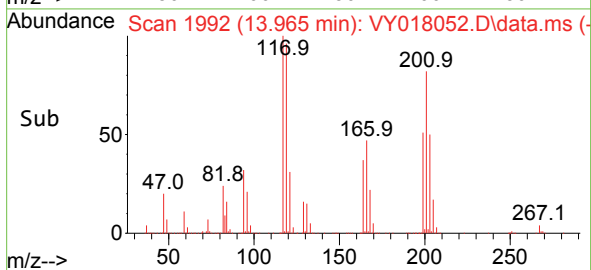
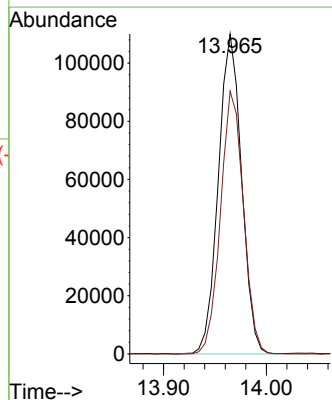
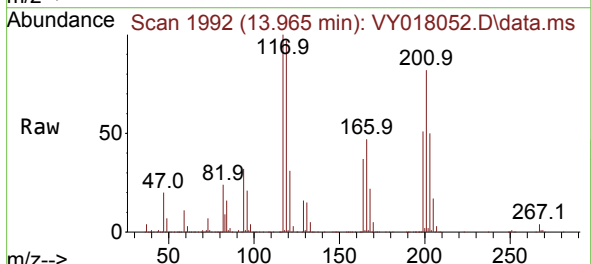
Instrument :
MSVOA_Y
ClientSampleId :

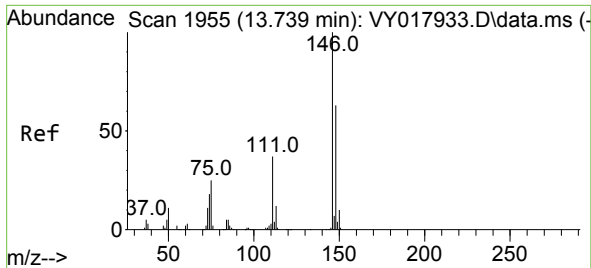
Tgt Ion: 91 Resp: 761191
Ion Ratio Lower Upper
91 100
92 52.8 26.6 79.7
134 27.4 12.9 38.7



#90
Hexachloroethane
Concen: 50.807 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY018052.D
Acq: 25 Apr 2024 16:43

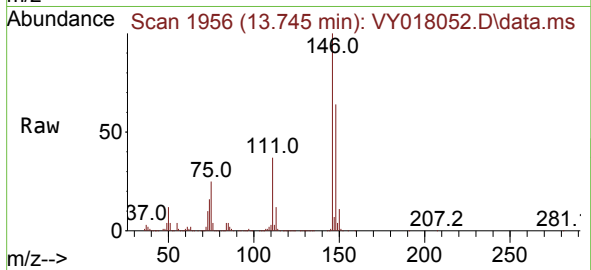
Tgt Ion: 117 Resp: 172332
Ion Ratio Lower Upper
117 100
201 81.2 37.4 112.2



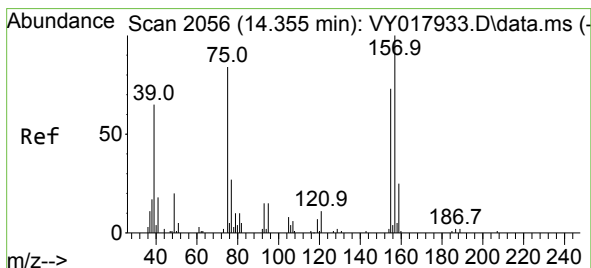
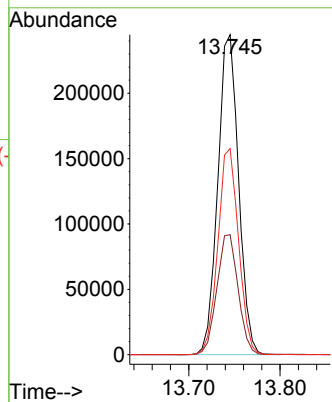
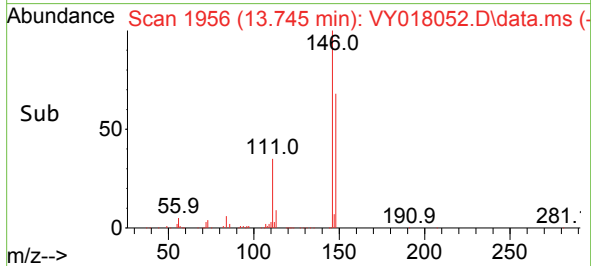


#91
 1,2-Dichlorobenzene
 Concen: 50.449 ug/l
 RT: 13.745 min Scan# 1955
 Delta R.T. 0.006 min
 Lab File: VY018052.D
 Acq: 25 Apr 2024 16:43

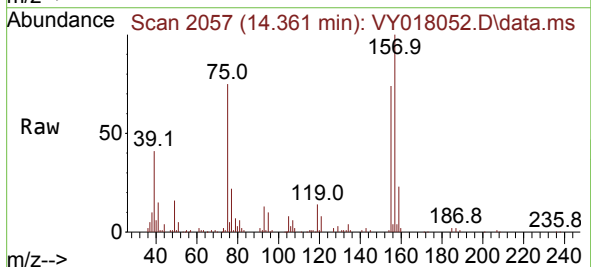
Instrument :
 MSVOA_Y
 ClientSampleId :



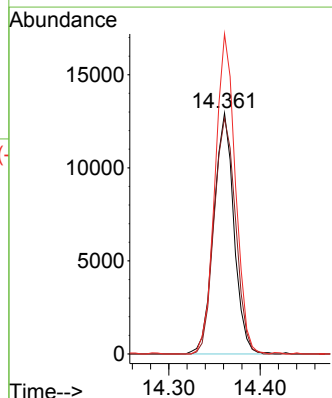
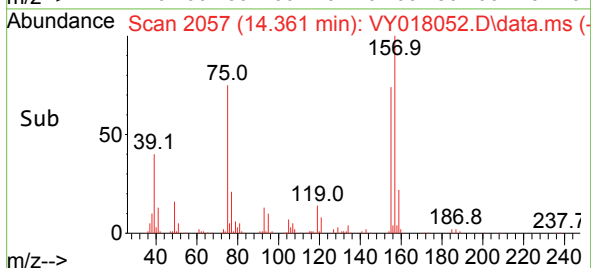
Tgt Ion:146 Resp: 386736
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.9 59.7
 148 64.3 31.8 95.4

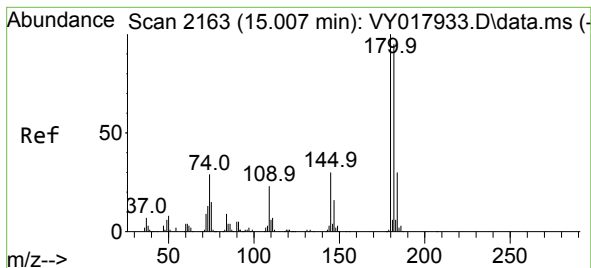


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.787 ug/l
 RT: 14.361 min Scan# 2057
 Delta R.T. 0.006 min
 Lab File: VY018052.D
 Acq: 25 Apr 2024 16:43



Tgt Ion: 75 Resp: 19883
 Ion Ratio Lower Upper
 75 100
 155 103.7 48.6 145.8
 157 133.3 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 50.655 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY018052.D

Acq: 25 Apr 2024 16:43

Instrument :

MSVOA_Y

ClientSampleId :

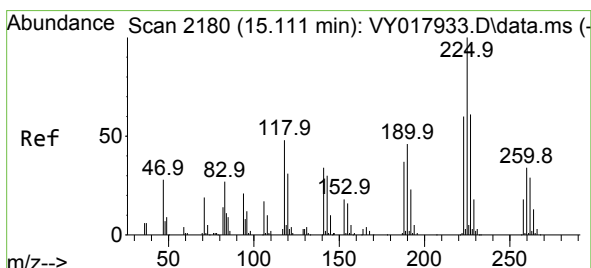
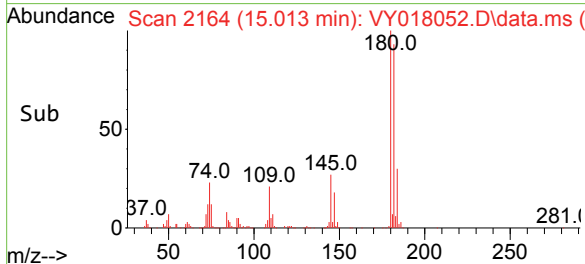
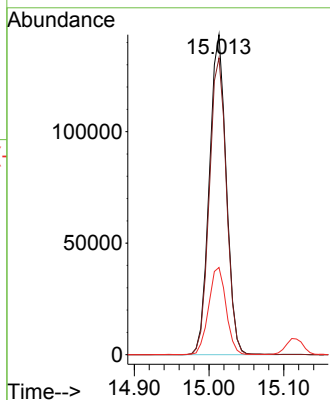
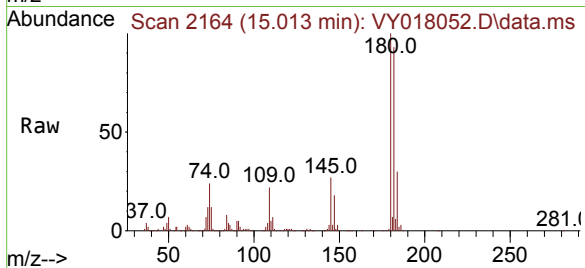
Tgt Ion:180 Resp: 226133

Ion Ratio Lower Upper

180 100

182 94.1 47.9 143.8

145 28.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 50.935 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY018052.D

Acq: 25 Apr 2024 16:43

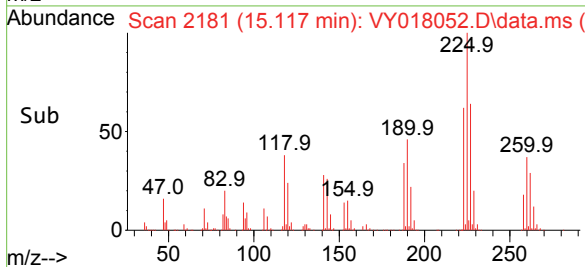
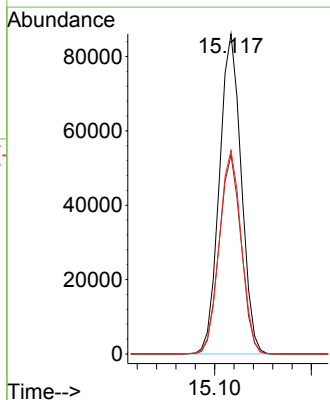
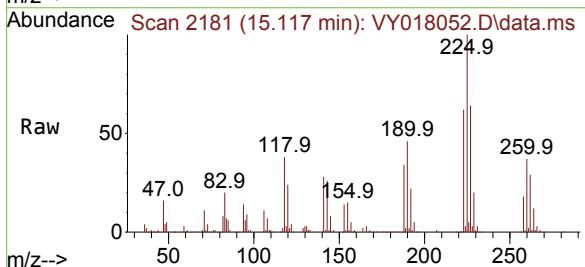
Tgt Ion:225 Resp: 134890

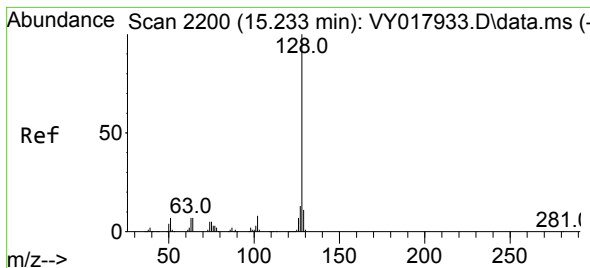
Ion Ratio Lower Upper

225 100

223 62.2 30.4 91.2

227 64.0 31.9 95.9





#95

Naphthalene

Concen: 50.418 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY018052.D

Acq: 25 Apr 2024 16:43

Instrument :

MSVOA_Y

ClientSampleId :

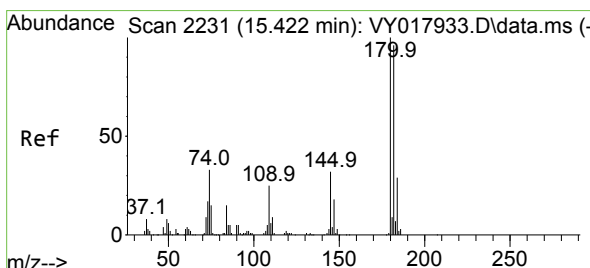
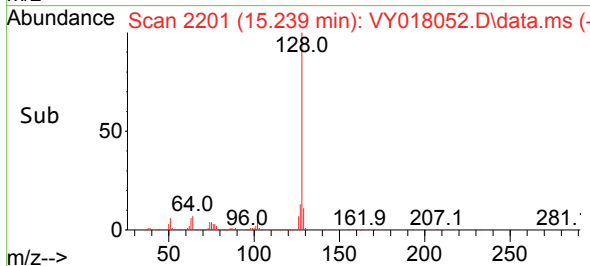
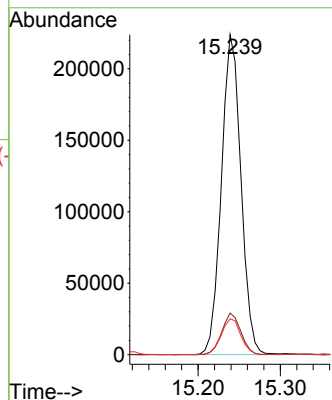
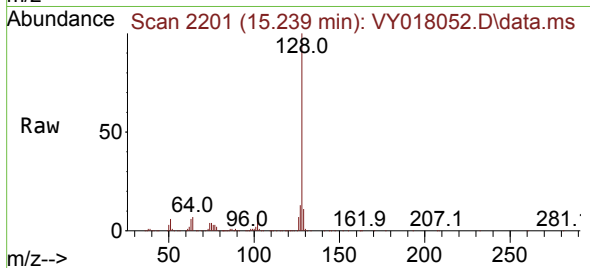
Tgt Ion:128 Resp: 370897

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 11.3 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 50.304 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY018052.D

Acq: 25 Apr 2024 16:43

Tgt Ion:180 Resp: 188432

Ion Ratio Lower Upper

180 100

182 95.4 47.6 142.9

145 30.3 15.4 46.1

