

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042524\
 Data File : VY018041.D
 Acq On : 25 Apr 2024 10:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 26 01:57:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	400402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	594931	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	517097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	246374	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	164062	47.349	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.700%
35) Dibromofluoromethane	7.722	113	199668	54.400	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.800%
50) Toluene-d8	10.185	98	810389	58.188	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	116.380%
62) 4-Bromofluorobenzene	12.489	95	239490	55.524	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	111.040%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	178932	56.330	ug/l	98
3) Chloromethane	2.113	50	220128	41.823	ug/l	99
4) Vinyl Chloride	2.253	62	264737	44.625	ug/l	99
5) Bromomethane	2.656	94	186421	47.210	ug/l	99
6) Chloroethane	2.802	64	167758	44.791	ug/l	97
7) Trichlorofluoromethane	3.131	101	347636	51.995	ug/l	96
8) Diethyl Ether	3.534	74	103355	48.920	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.906	101	218197	52.406	ug/l	96
10) Methyl Iodide	4.095	142	298319	53.857	ug/l	97
11) Tert butyl alcohol	4.960	59	50094	199.128	ug/l #	81
12) 1,1-Dichloroethene	3.881	96	218441	54.044	ug/l	96
13) Acrolein	3.735	56	65658	243.308	ug/l	100
14) Allyl chloride	4.485	41	278349	53.215	ug/l	93
15) Acrylonitrile	5.174	53	201532	234.937	ug/l	100
16) Acetone	3.954	43	161732	236.230	ug/l	94
17) Carbon Disulfide	4.204	76	642173	49.943	ug/l	98
18) Methyl Acetate	4.491	43	75452	41.892	ug/l	100
19) Methyl tert-butyl Ether	5.229	73	429506	48.758	ug/l	100
20) Methylene Chloride	4.723	84	236496	50.987	ug/l	99
21) trans-1,2-Dichloroethene	5.229	96	236026	53.306	ug/l	99
22) Diisopropyl ether	6.125	45	611640	53.339	ug/l	99
23) Vinyl Acetate	6.064	43	1702117	250.319	ug/l	99
24) 1,1-Dichloroethane	6.027	63	397815	53.134	ug/l	99
25) 2-Butanone	6.990	43	237262	235.769	ug/l	95
26) 2,2-Dichloropropane	6.990	77	338126	56.292	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	275181	54.417	ug/l	100
28) Bromochloromethane	7.338	49	142846	48.503	ug/l	100
29) Tetrahydrofuran	7.350	42	144384	226.090	ug/l	97
30) Chloroform	7.509	83	406170	53.081	ug/l	100
31) Cyclohexane	7.789	56	340055	51.345	ug/l	99
32) 1,1,1-Trichloroethane	7.704	97	353297	55.435	ug/l	98
36) 1,1-Dichloropropene	7.923	75	300632	56.321	ug/l	100
37) Ethyl Acetate	7.082	43	106475	48.484	ug/l #	97
38) Carbon Tetrachloride	7.905	117	324784	60.226	ug/l	99
39) Methylcyclohexane	9.191	83	395776	56.897	ug/l	97
40) Benzene	8.167	78	950759	56.865	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	56086	40.474	ug/l	94
42) 1,2-Dichloroethane	8.240	62	197643	51.591	ug/l	99
43) Isopropyl Acetate	8.277	43	196651	48.038	ug/l	100
44) Trichloroethene	8.947	130	251636	59.226	ug/l	96
45) 1,2-Dichloropropane	9.222	63	213039	55.353	ug/l	99
46) Dibromomethane	9.313	93	112224	52.714	ug/l	94
47) Bromodichloromethane	9.502	83	297420	55.685	ug/l	98
48) Methyl methacrylate	9.295	41	92254	49.180	ug/l	97
49) 1,4-Dioxane	9.307	88	24267	998.499	ug/l #	92
51) 4-Methyl-2-Pentanone	10.075	43	545646	251.432	ug/l	99
52) Toluene	10.246	92	609801	59.436	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	272878	55.963	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	337192	56.292	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	156999	54.250	ug/l	96
56) Ethyl methacrylate	10.514	69	200192	53.062	ug/l	97
57) 1,3-Dichloropropane	10.795	76	264907	54.058	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	484573	247.089	ug/l	99
59) 2-Hexanone	10.837	43	389181	262.709	ug/l	99
60) Dibromochloromethane	10.990	129	211386	56.834	ug/l	99
61) 1,2-Dibromoethane	11.093	107	142975	53.011	ug/l	100
64) Tetrachloroethene	10.728	164	224411	60.582	ug/l	97
65) Chlorobenzene	11.520	112	667177	58.870	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	222115	59.437	ug/l	99
67) Ethyl Benzene	11.599	91	1148383	60.181	ug/l	98
68) m/p-Xylenes	11.709	106	894037	121.984	ug/l	100
69) o-Xylene	12.038	106	419890	61.348	ug/l	99
70) Styrene	12.050	104	714673	61.781	ug/l	99
71) Bromoform	12.215	173	120022	55.589	ug/l #	97
73) Isopropylbenzene	12.337	105	1099767	61.261	ug/l	98
74) N-amyl acetate	12.148	43	184310	50.859	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	169042	50.488	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	208293	90.094	ug/l #	100
77) Bromobenzene	12.611	156	257552	59.283	ug/l	94
78) n-propylbenzene	12.678	91	1312915	60.276	ug/l	98
79) 2-Chlorotoluene	12.764	91	720730	59.117	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	860747	60.467	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	58623	52.281	ug/l	97
82) 4-Chlorotoluene	12.861	91	735900	58.281	ug/l	98
83) tert-Butylbenzene	13.081	119	804081	61.845	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	849367	59.916	ug/l	98
85) sec-Butylbenzene	13.258	105	1166418	59.729	ug/l	98
86) p-Isopropyltoluene	13.373	119	971138	60.520	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	501630	58.195	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	483421	57.129	ug/l	99
89) n-Butylbenzene	13.703	91	884810	58.611	ug/l	99
90) Hexachloroethane	13.965	117	192920	58.631	ug/l	92
91) 1,2-Dichlorobenzene	13.745	146	425856	57.265	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	20970	48.692	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	237658	54.878	ug/l	98
94) Hexachlorobutadiene	15.117	225	141901	55.234	ug/l	98
95) Naphthalene	15.239	128	375763	52.654	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	195405	53.774	ug/l	98

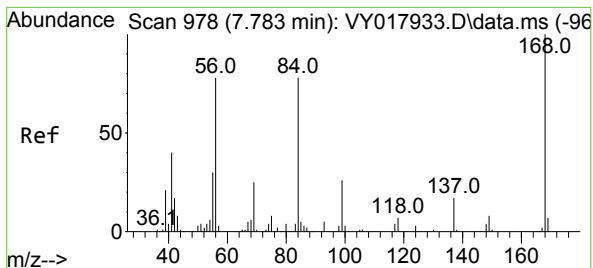
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Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 9

Delta R.T. 0.006 min

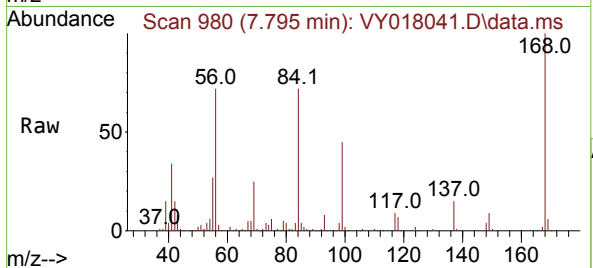
Lab File: VY018041.D

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Instrument :

MSVOA_Y

ClientSampleId :

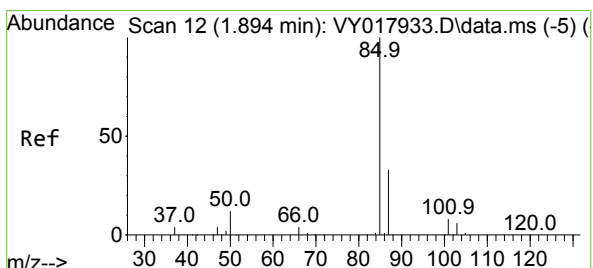
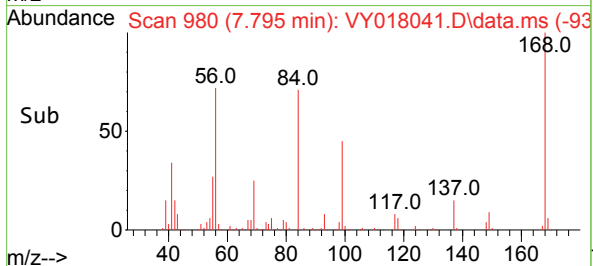
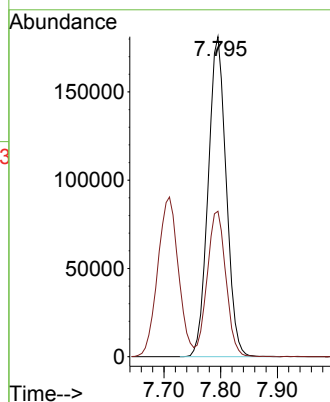


Tgt Ion:168 Resp: 400402

Ion Ratio Lower Upper

168 100

99 45.5 39.1 58.7



#2

Dichlorodifluoromethane

Concen: 56.330 ug/l

RT: 1.906 min Scan# 14

Delta R.T. 0.006 min

Lab File: VY018041.D

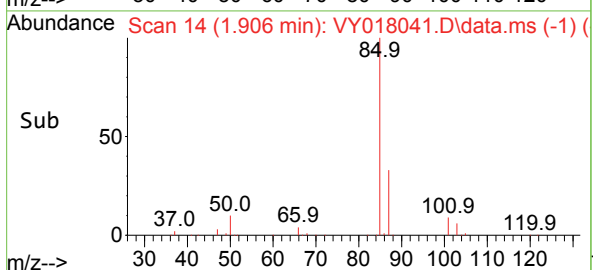
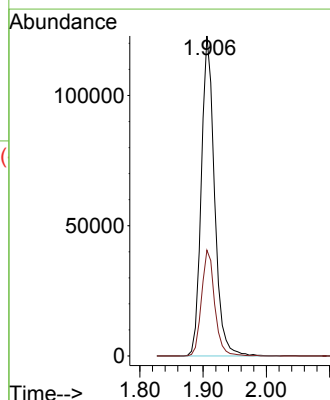
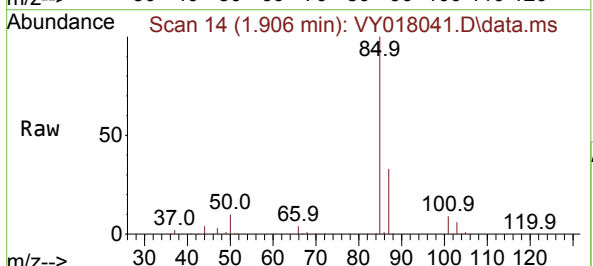
Acq: 25 Apr 2024 10:54

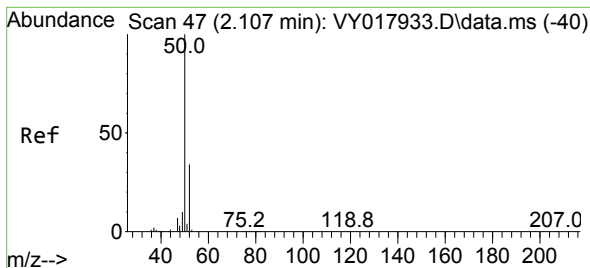
Tgt Ion: 85 Resp: 178932

Ion Ratio Lower Upper

85 100

87 33.1 16.0 48.0





#3

Chloromethane

Concen: 41.823 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY018041.D

Acq: 25 Apr 2024 10:54

Instrument :

MSVOA_Y

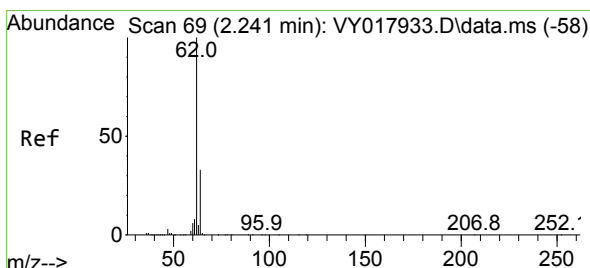
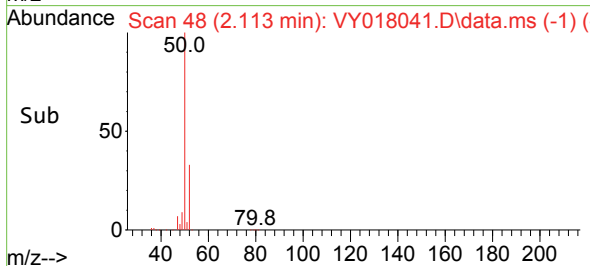
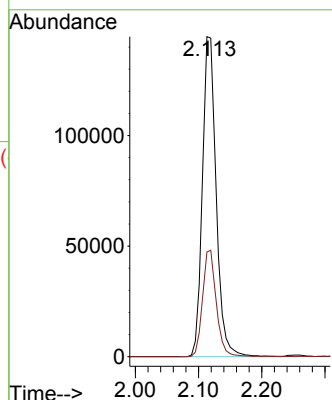
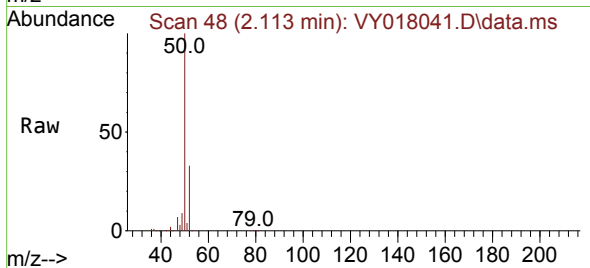
ClientSampleId :

Tgt Ion: 50 Resp: 220128

Ion Ratio Lower Upper

50 100

52 32.7 25.6 38.4



#4

Vinyl Chloride

Concen: 44.625 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.006 min

Lab File: VY018041.D

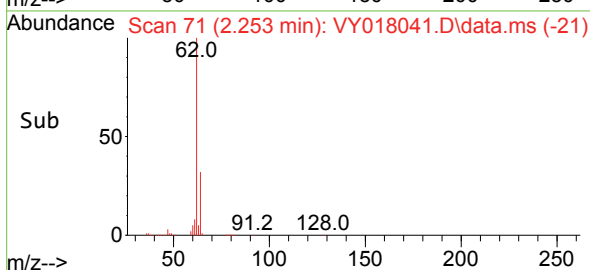
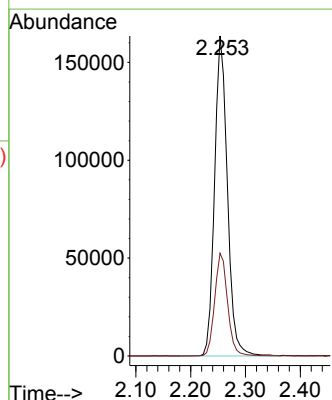
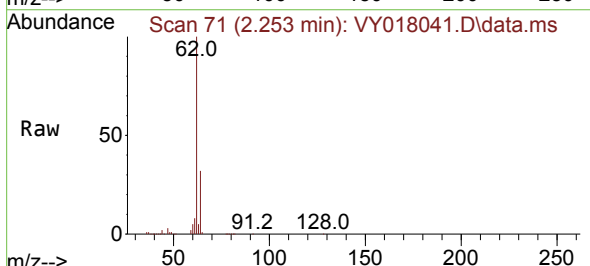
Acq: 25 Apr 2024 10:54

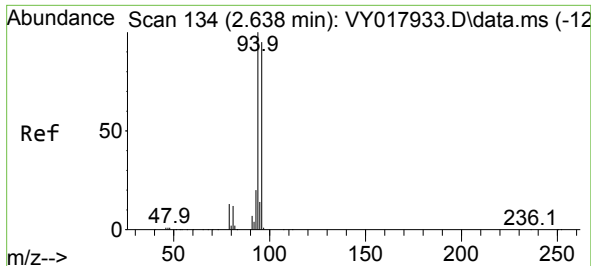
Tgt Ion: 62 Resp: 264737

Ion Ratio Lower Upper

62 100

64 32.1 26.1 39.1





#5

Bromomethane

Concen: 47.210 ug/l

RT: 2.656 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018041.D

Acq: 25 Apr 2024 10:54

Instrument :

MSVOA_Y

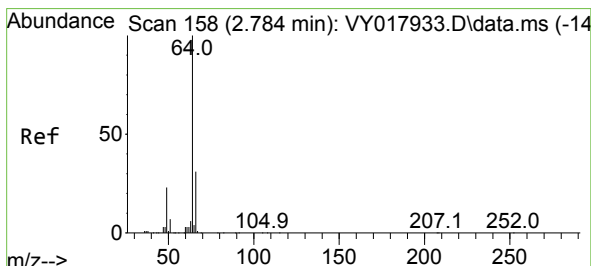
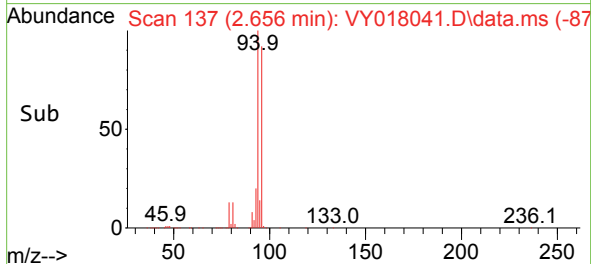
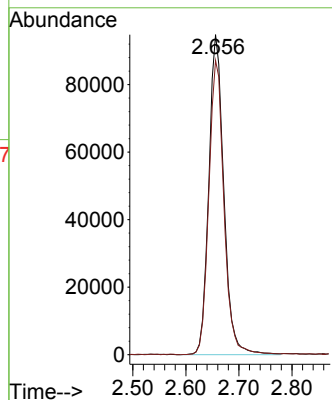
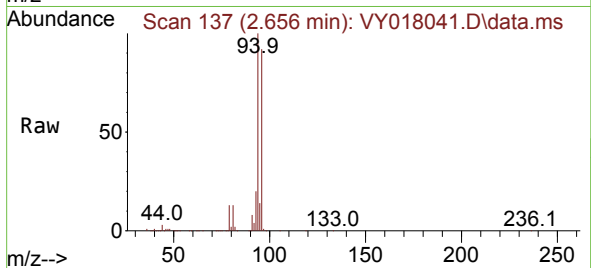
ClientSampleId :

Tgt Ion: 94 Resp: 186421

Ion Ratio Lower Upper

94 100

96 91.9 74.1 111.1



#6

Chloroethane

Concen: 44.791 ug/l

RT: 2.802 min Scan# 161

Delta R.T. 0.012 min

Lab File: VY018041.D

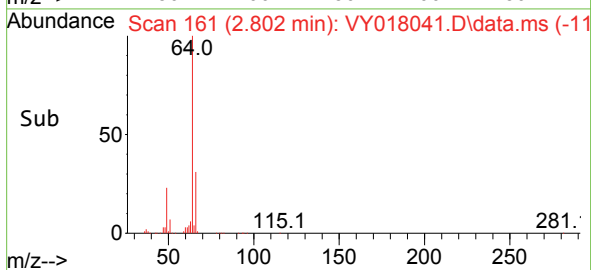
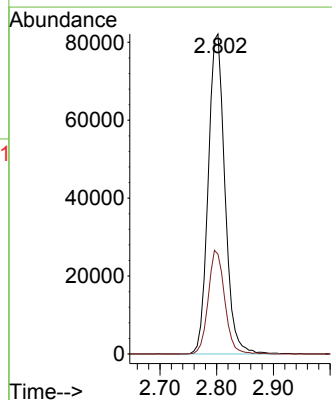
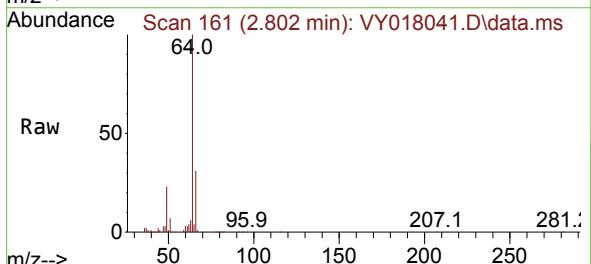
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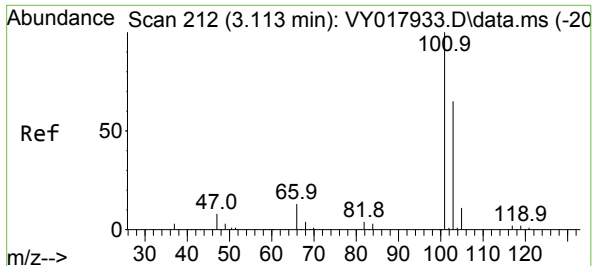
Tgt Ion: 64 Resp: 167758

Ion Ratio Lower Upper

64 100

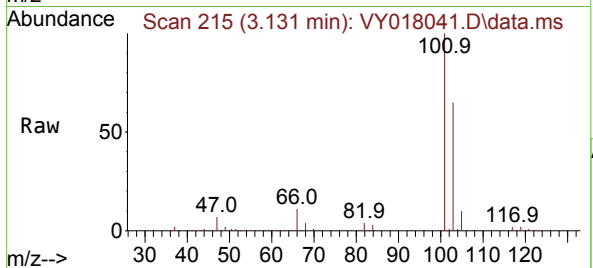
66 31.2 26.1 39.1



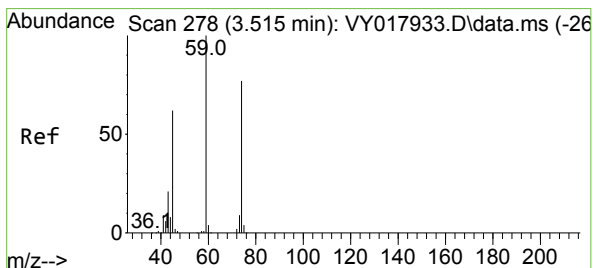
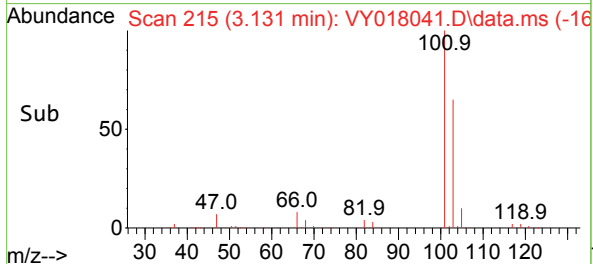
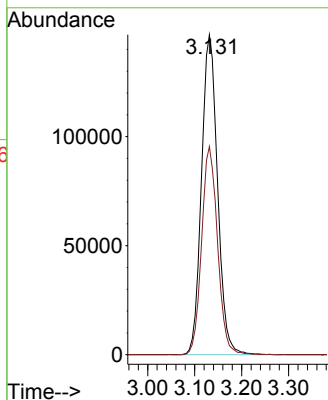


#7
 Trichlorofluoromethane
 Concen: 51.995 ug/l
 RT: 3.131 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY018041.D
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Instrument :
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 ClientSampleId :

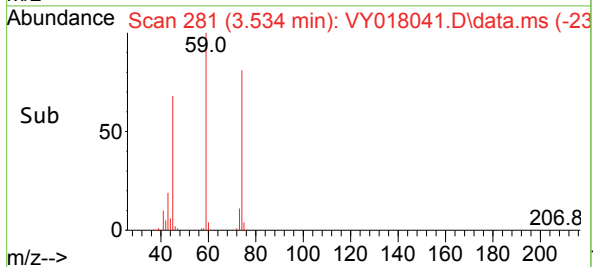
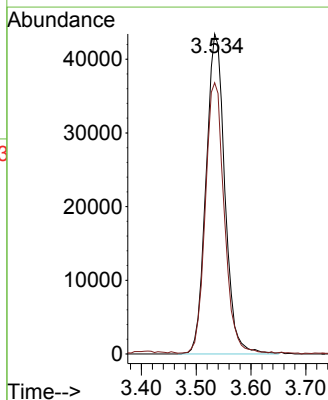
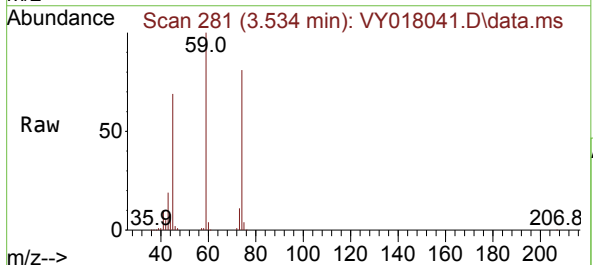


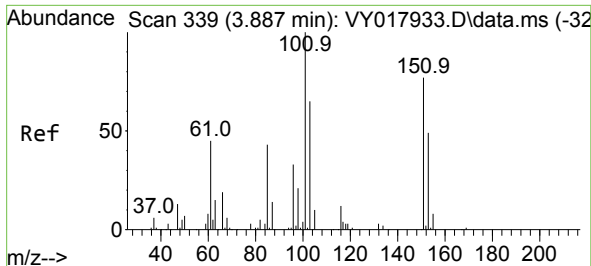
Tgt Ion:101 Resp: 347636
 Ion Ratio Lower Upper
 101 100
 103 65.0 49.3 73.9



#8
 Diethyl Ether
 Concen: 48.920 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.006 min
 Lab File: VY018041.D
 Acq: 25 Apr 2024 10:54

Tgt Ion: 74 Resp: 103355
 Ion Ratio Lower Upper
 74 100
 45 84.7 41.3 124.1

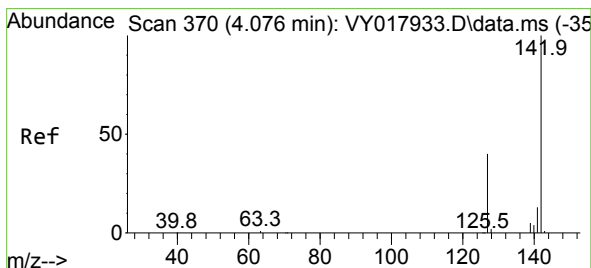
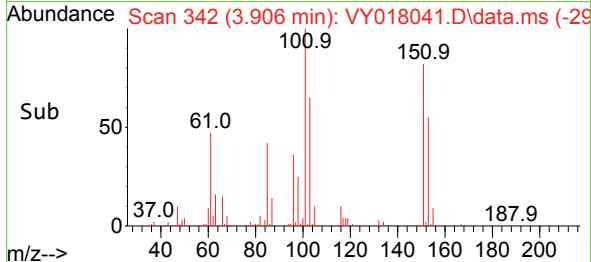
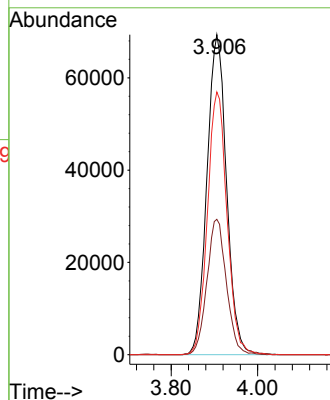
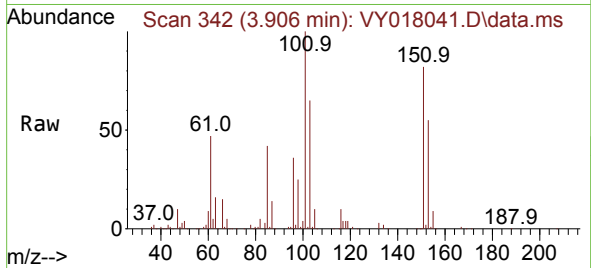




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.406 ug/l
RT: 3.906 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY018041.D
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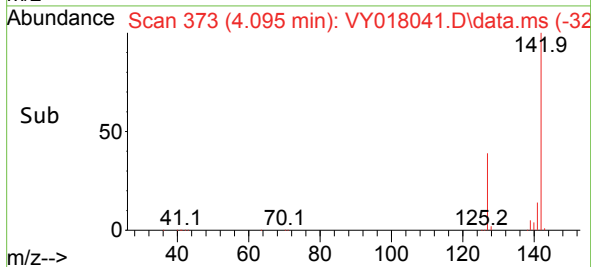
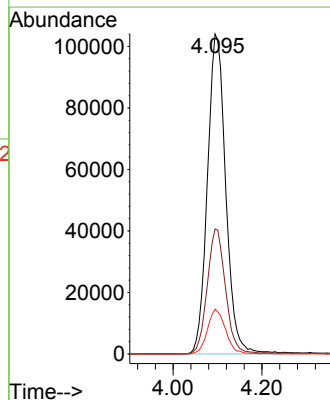
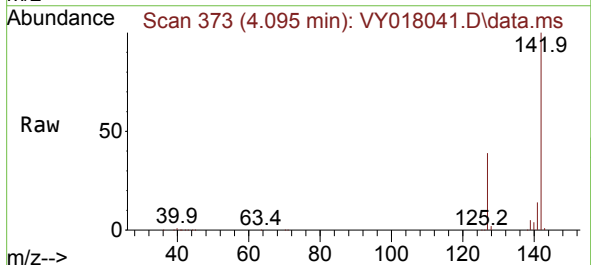
Instrument :
MSVOA_Y
ClientSampleId :

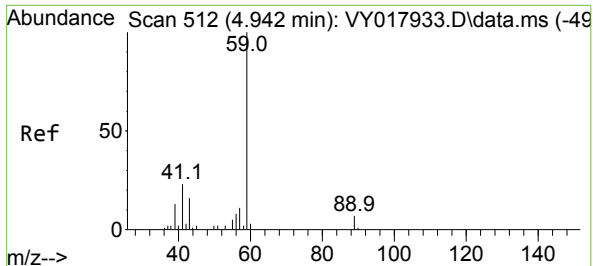
Tgt Ion:101 Resp: 218197
Ion Ratio Lower Upper
101 100
85 42.0 34.5 51.7
151 81.9 61.7 92.5



#10
Methyl Iodide
Concen: 53.857 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY018041.D
Acq: 25 Apr 2024 10:54

Tgt Ion:142 Resp: 298319
Ion Ratio Lower Upper
142 100
127 39.0 32.8 49.2
141 13.8 11.4 17.2





#11

Tert butyl alcohol

Concen: 199.128 ug/l

RT: 4.960 min Scan# 512

Delta R.T. 0.006 min

Lab File: VY018041.D

Acq: 25 Apr 2024 10:54

Instrument :

MSVOA_Y

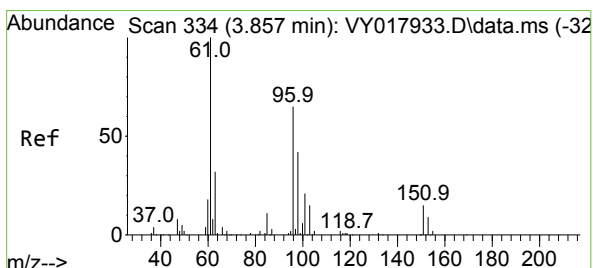
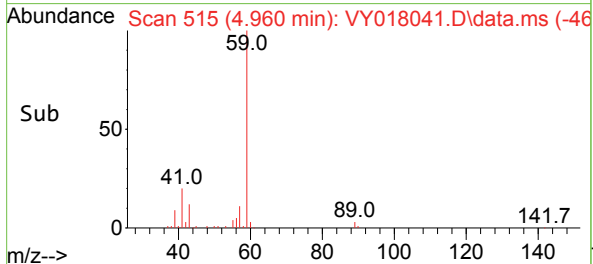
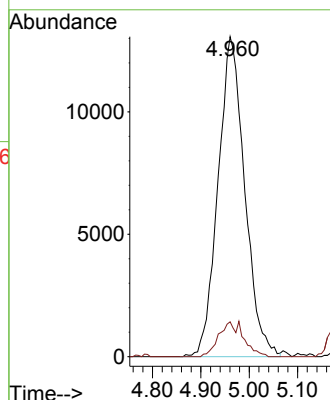
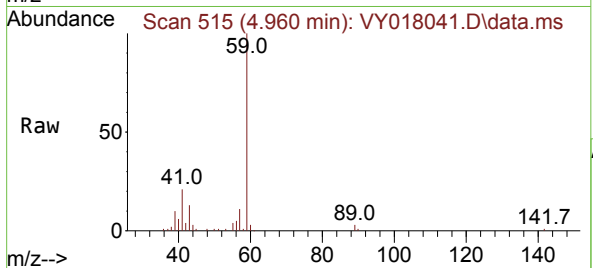
ClientSampleId :

Tgt Ion: 59 Resp: 50094

Ion Ratio Lower Upper

59 100

57 10.2 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 54.044 ug/l

RT: 3.881 min Scan# 338

Delta R.T. 0.006 min

Lab File: VY018041.D

Acq: 25 Apr 2024 10:54

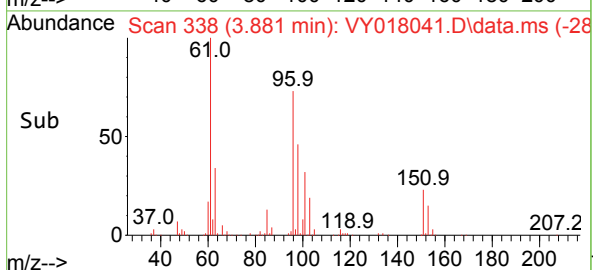
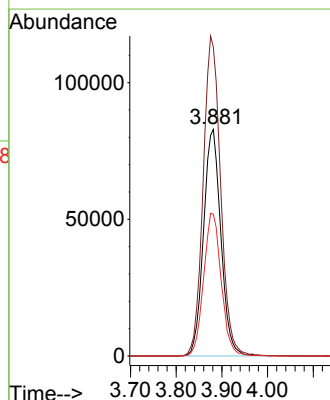
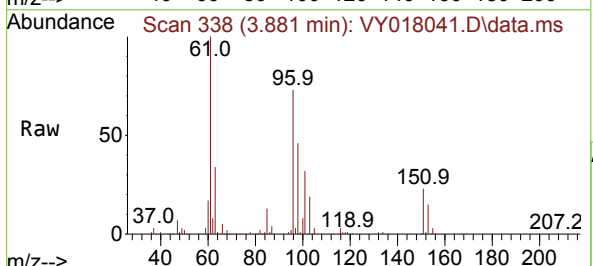
Tgt Ion: 96 Resp: 218441

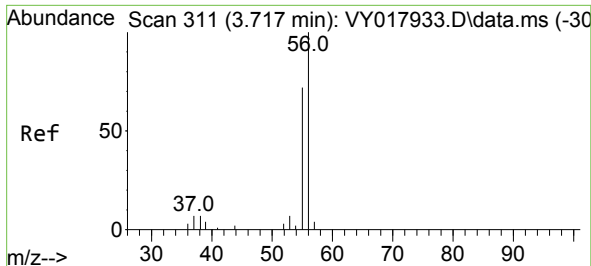
Ion Ratio Lower Upper

96 100

61 136.3 114.6 171.8

98 62.6 50.8 76.2





#13

Acrolein

Concen: 243.308 ug/l

RT: 3.735 min Scan# 311

Delta R.T. 0.006 min

Lab File: VY018041.D

Acq: 25 Apr 2024 10:54

Instrument :

MSVOA_Y

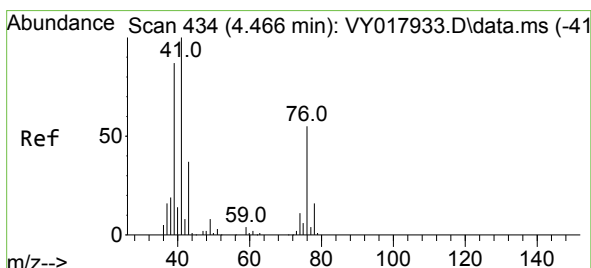
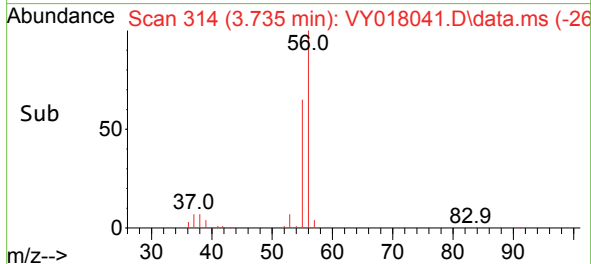
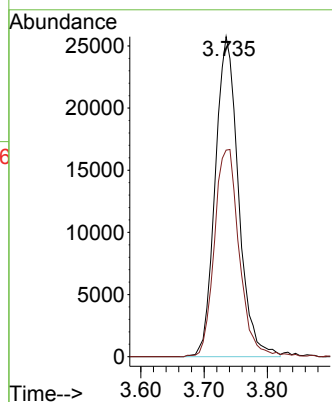
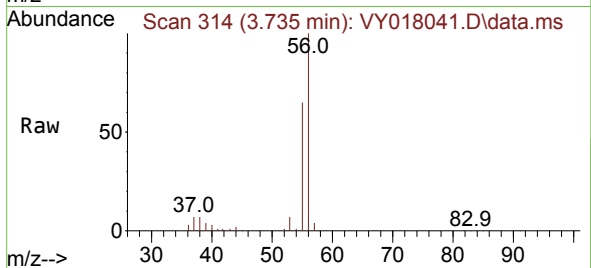
ClientSampleId :

Tgt Ion: 56 Resp: 65658

Ion Ratio Lower Upper

56 100

55 69.4 55.7 83.5



#14

Allyl chloride

Concen: 53.215 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY018041.D

Acq: 25 Apr 2024 10:54

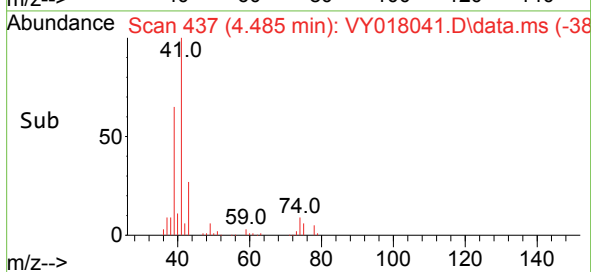
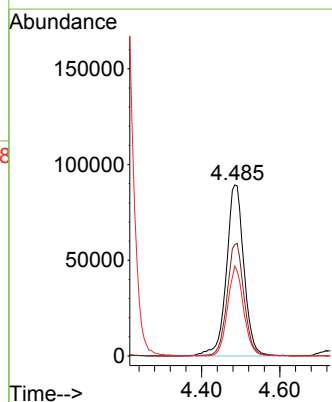
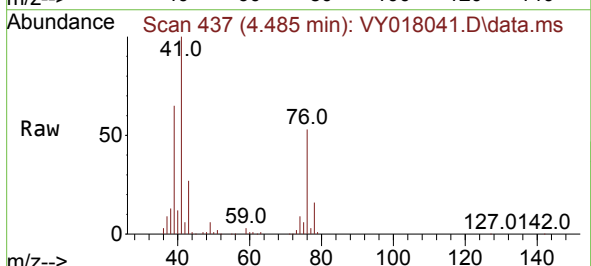
Tgt Ion: 41 Resp: 278349

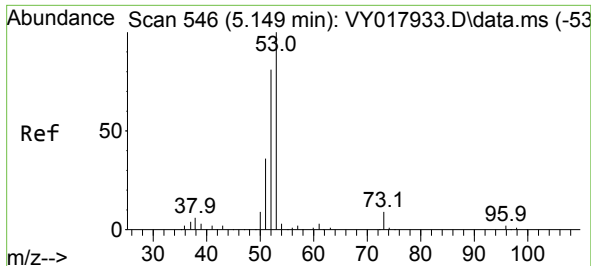
Ion Ratio Lower Upper

41 100

39 64.0 58.3 87.5

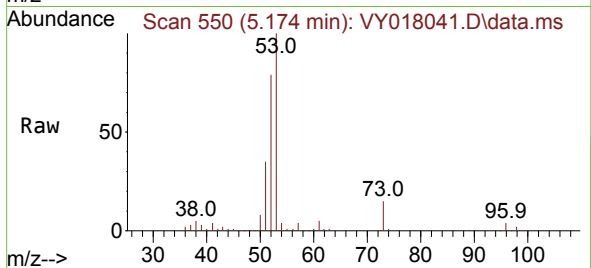
76 48.0 39.0 58.6



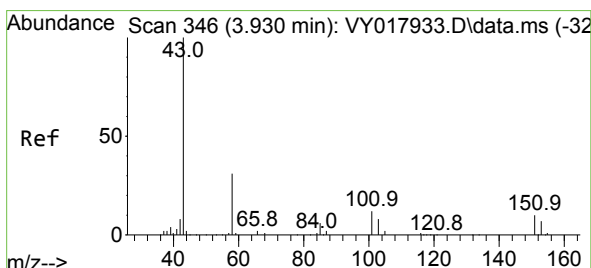
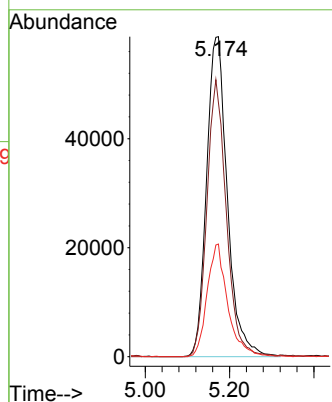
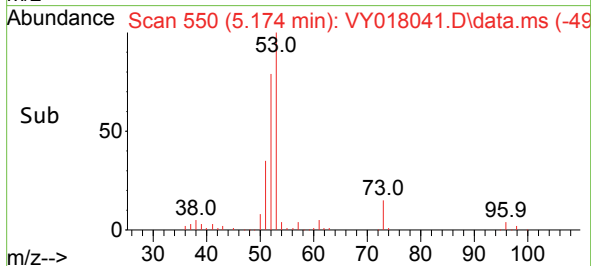


#15
Acrylonitrile
Concen: 234.937 ug/l
RT: 5.174 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY018041.D
Acq: 25 Apr 2024 10:54

Instrument :
MSVOA_Y
ClientSampleId :

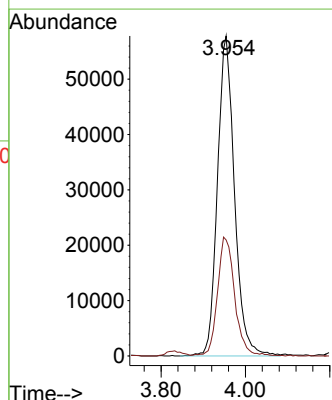
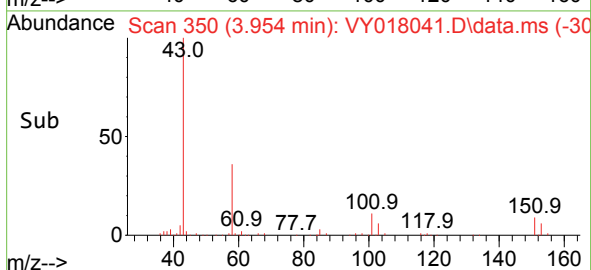
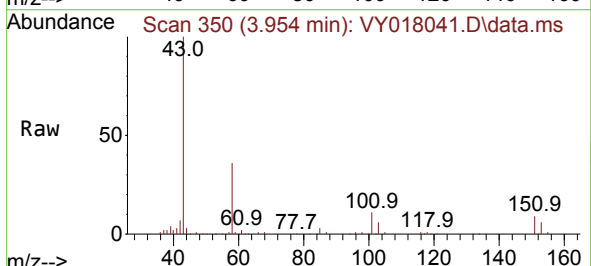


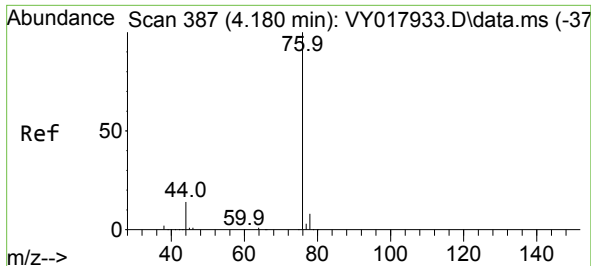
Tgt Ion: 53 Resp: 201532
Ion Ratio Lower Upper
53 100
52 80.9 64.7 97.1
51 34.8 28.4 42.6



#16
Acetone
Concen: 236.230 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY018041.D
Acq: 25 Apr 2024 10:54

Tgt Ion: 43 Resp: 161732
Ion Ratio Lower Upper
43 100
58 36.1 31.7 47.5





#17

Carbon Disulfide

Concen: 49.943 ug/l

RT: 4.204 min Scan# 391

Delta R.T. 0.012 min

Lab File: VY018041.D

Acq: 25 Apr 2024 10:54

Instrument :

MSVOA_Y

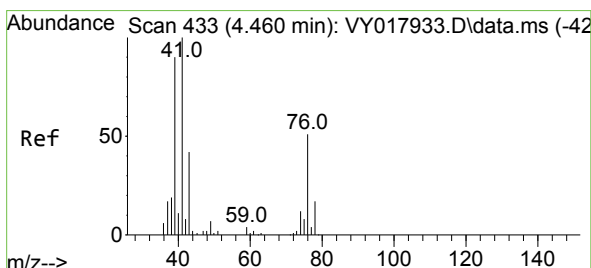
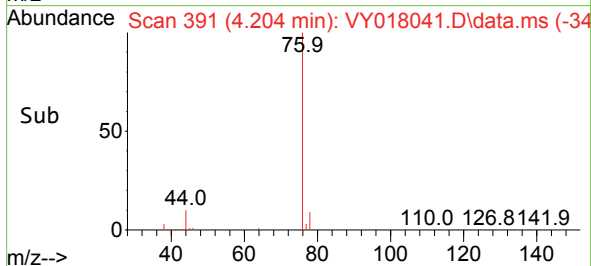
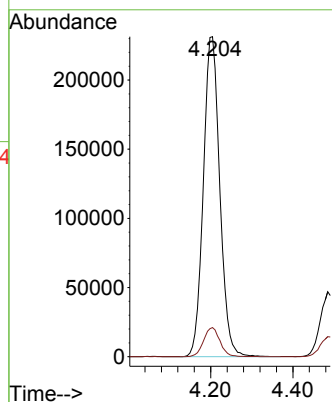
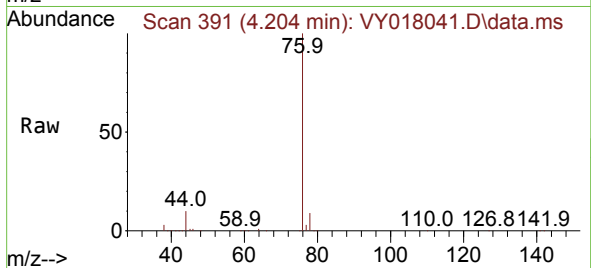
ClientSampleId :

Tgt Ion: 76 Resp: 642173

Ion Ratio Lower Upper

76 100

78 9.1 6.8 10.2



#18

Methyl Acetate

Concen: 41.892 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.012 min

Lab File: VY018041.D

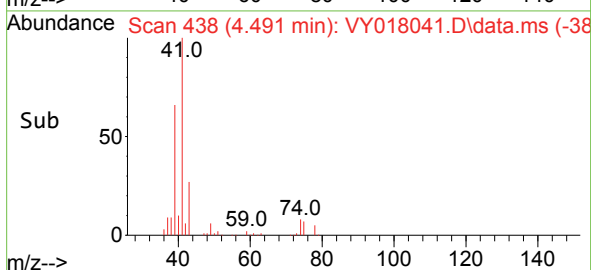
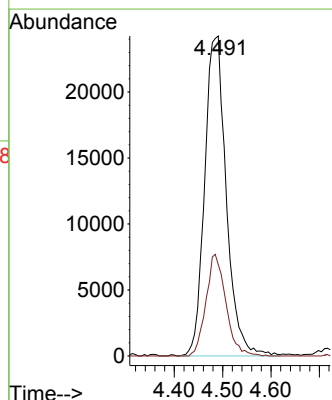
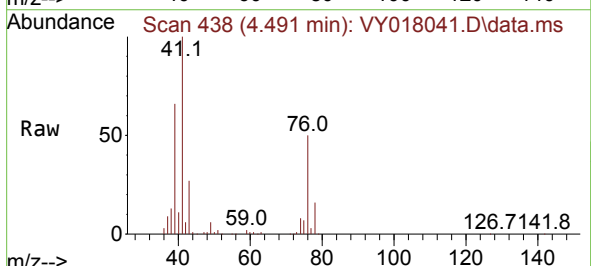
Acq: 25 Apr 2024 10:54

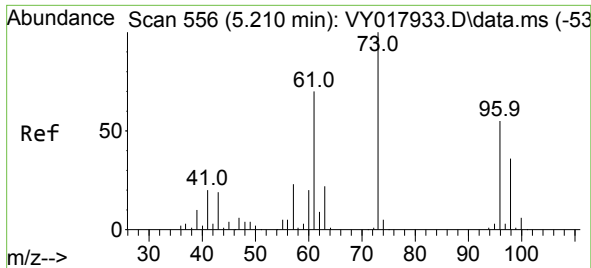
Tgt Ion: 43 Resp: 75452

Ion Ratio Lower Upper

43 100

74 29.2 23.3 34.9

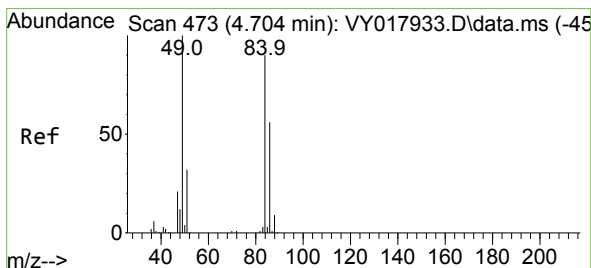
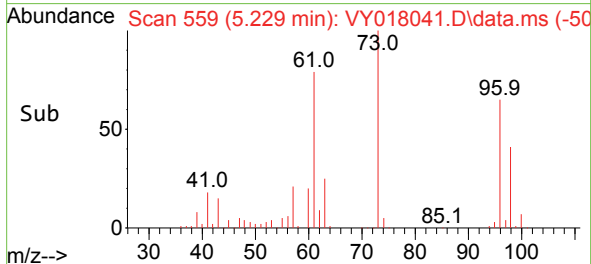
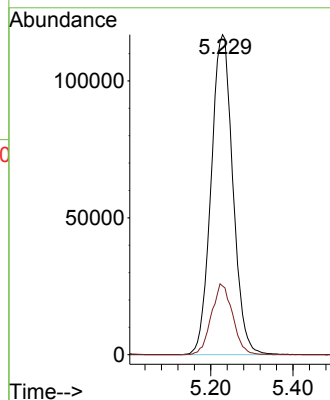
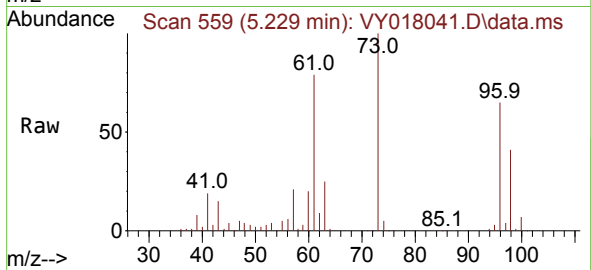




#19
Methyl tert-butyl Ether
Concen: 48.758 ug/l
RT: 5.229 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY018041.D
Acq: 25 Apr 2024 10:54

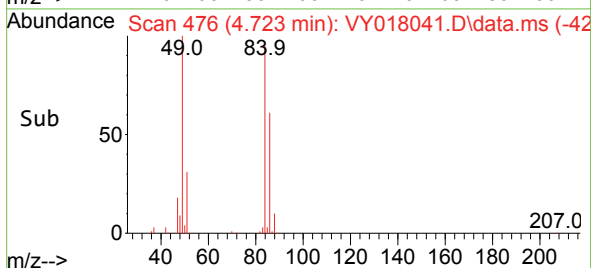
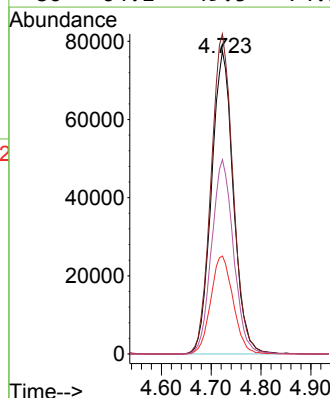
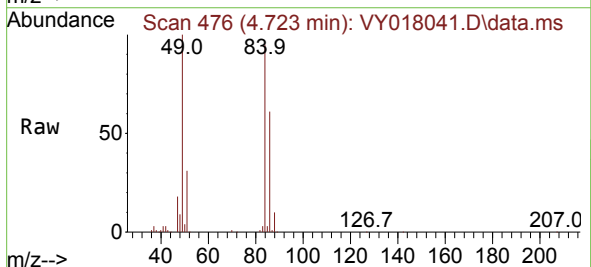
Instrument :
MSVOA_Y
ClientSampleId :

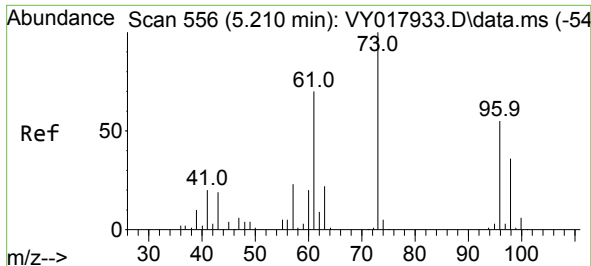
Tgt Ion: 73 Resp: 429506
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9



#20
Methylene Chloride
Concen: 50.987 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY018041.D
Acq: 25 Apr 2024 10:54

Tgt Ion: 84 Resp: 236496
Ion Ratio Lower Upper
84 100
49 105.6 84.4 126.6
51 32.3 26.0 39.0
86 64.1 49.5 74.3

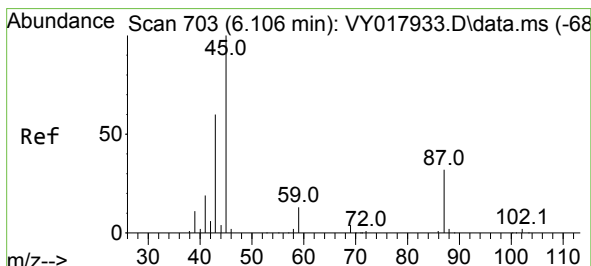
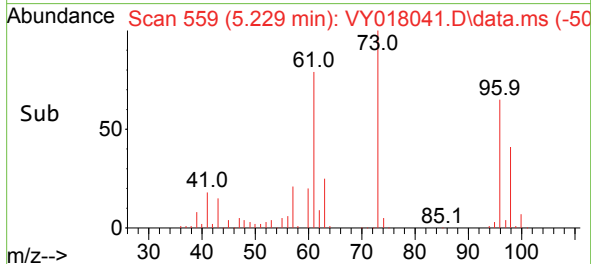
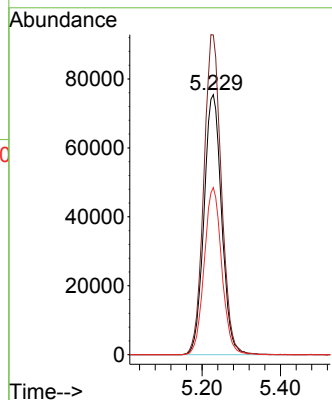
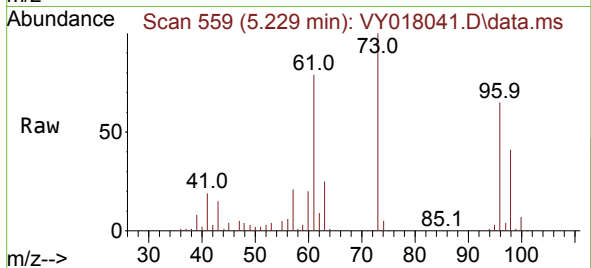




#21
trans-1,2-Dichloroethene
Concen: 53.306 ug/l
RT: 5.229 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY018041.D
Acq: 25 Apr 2024 10:54

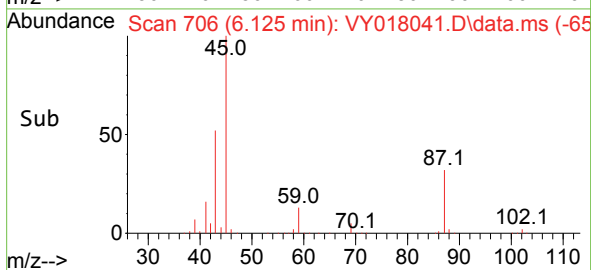
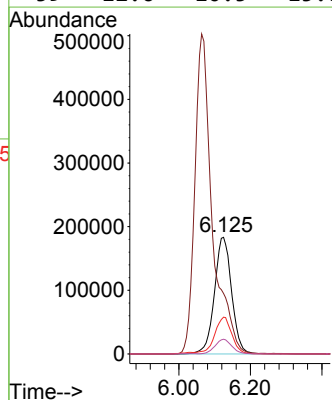
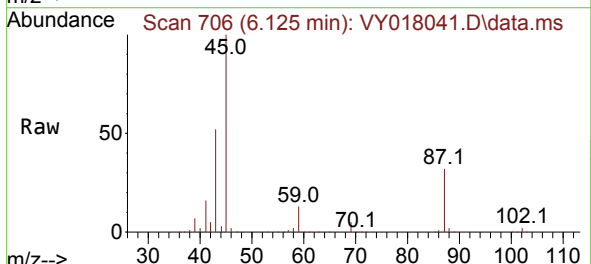
Instrument :
MSVOA_Y
ClientSampleId :

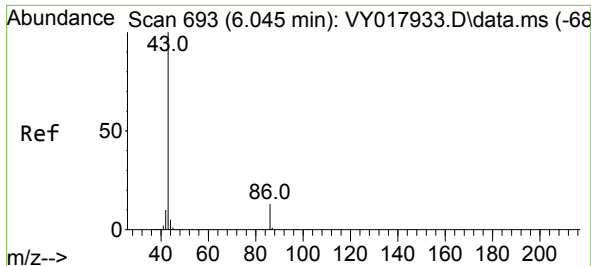
Tgt Ion: 96 Resp: 236026
Ion Ratio Lower Upper
96 100
61 123.0 97.5 146.3
98 64.2 50.5 75.7



#22
Diisopropyl ether
Concen: 53.339 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY018041.D
Acq: 25 Apr 2024 10:54

Tgt Ion: 45 Resp: 611640
Ion Ratio Lower Upper
45 100
43 51.4 42.2 63.2
87 31.5 25.0 37.6
59 12.6 10.5 15.7

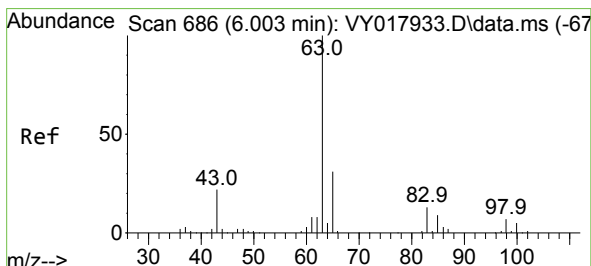
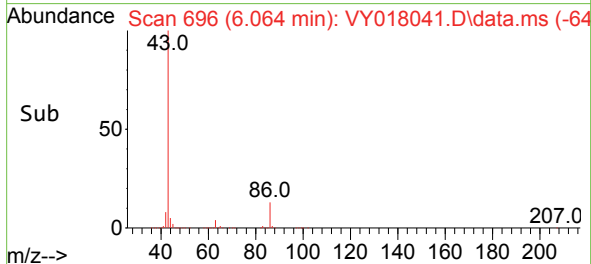
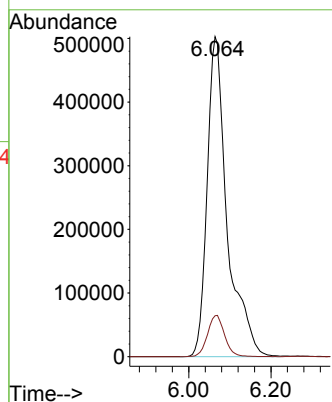
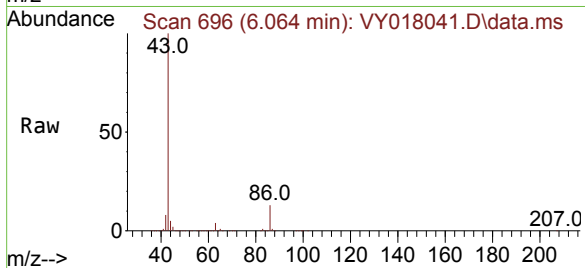




#23
 Vinyl Acetate
 Concen: 250.319 ug/l
 RT: 6.064 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY018041.D
 Acq: 25 Apr 2024 10:54

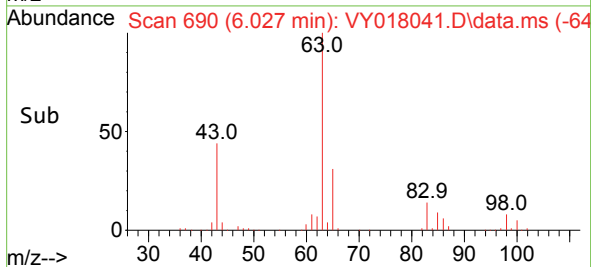
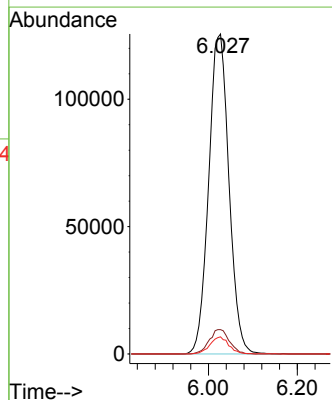
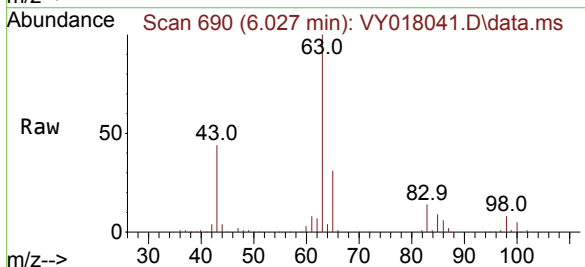
Instrument :
 MSVOA_Y
 ClientSampleId :

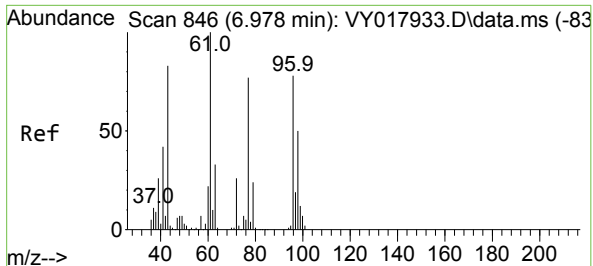
Tgt Ion: 43 Resp: 1702117
 Ion Ratio Lower Upper
 43 100
 86 12.8 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 53.134 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY018041.D
 Acq: 25 Apr 2024 10:54

Tgt Ion: 63 Resp: 397815
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.0 12.2
 100 5.4 2.6 8.0





#25

2-Butanone

Concen: 235.769 ug/l

RT: 6.990 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY018041.D

Acq: 25 Apr 2024 10:54

Instrument :

MSVOA_Y

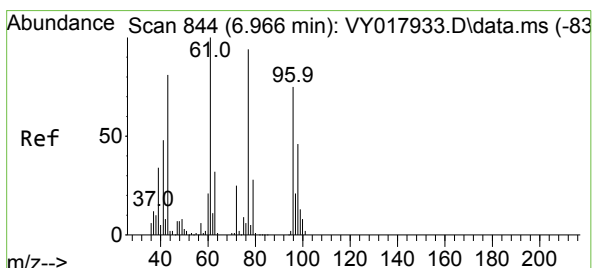
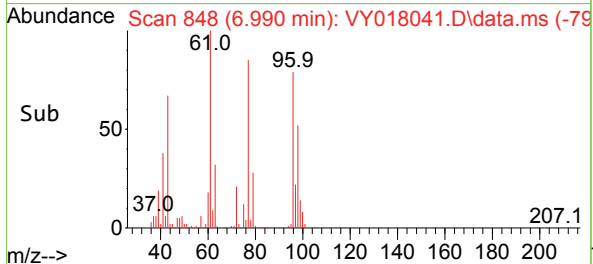
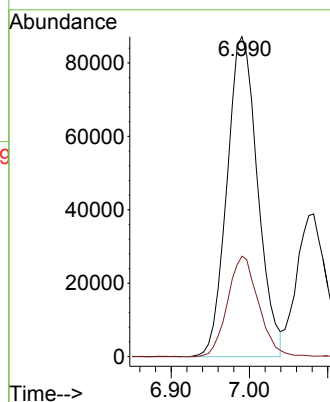
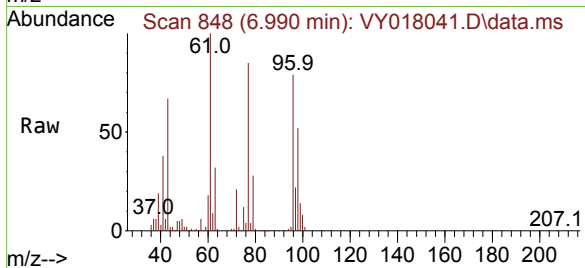
ClientSampleId :

Tgt Ion: 43 Resp: 237262

Ion Ratio Lower Upper

43 100

72 31.4 27.3 40.9



#26

2,2-Dichloropropane

Concen: 56.292 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.012 min

Lab File: VY018041.D

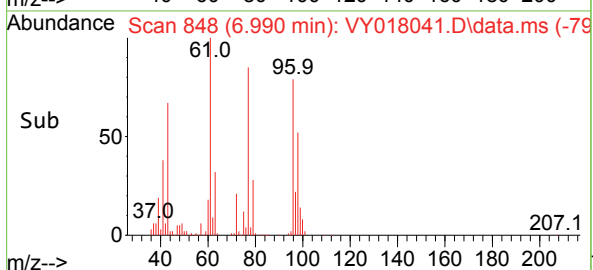
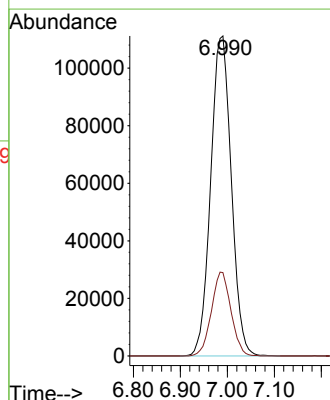
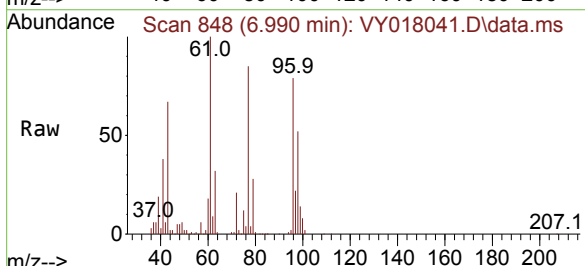
Acq: 25 Apr 2024 10:54

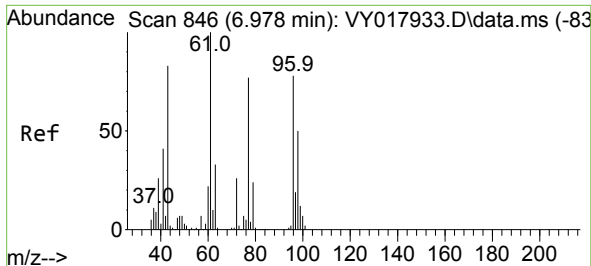
Tgt Ion: 77 Resp: 338126

Ion Ratio Lower Upper

77 100

97 24.8 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 54.417 ug/l

RT: 6.990 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY018041.D

Acq: 25 Apr 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

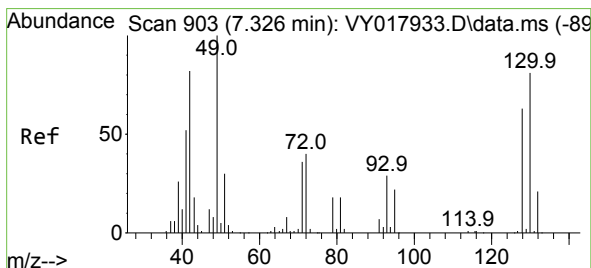
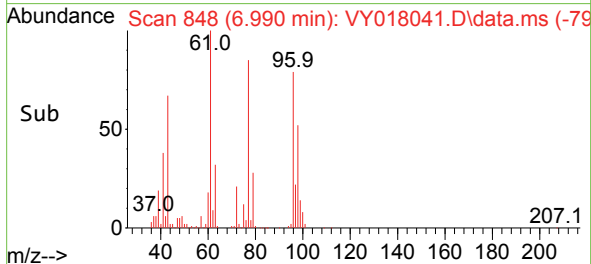
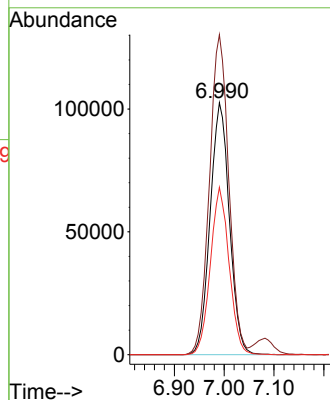
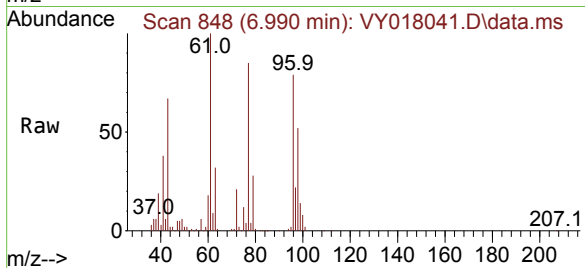
Tgt Ion: 96 Resp: 275181

Ion Ratio Lower Upper

96 100

61 127.7 0.0 256.2

98 64.6 0.0 130.0



#28

Bromochloromethane

Concen: 48.503 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY018041.D

Acq: 25 Apr 2024 10:54

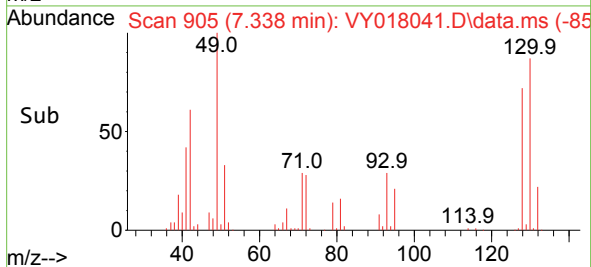
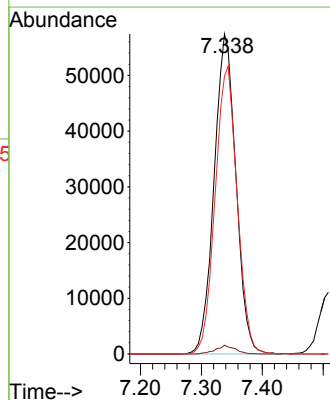
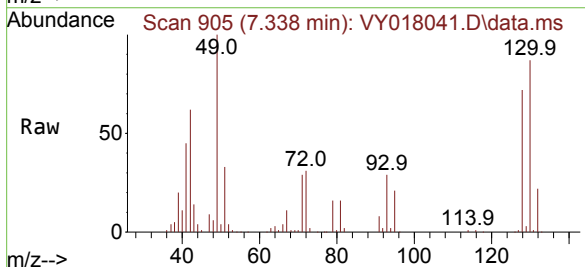
Tgt Ion: 49 Resp: 142846

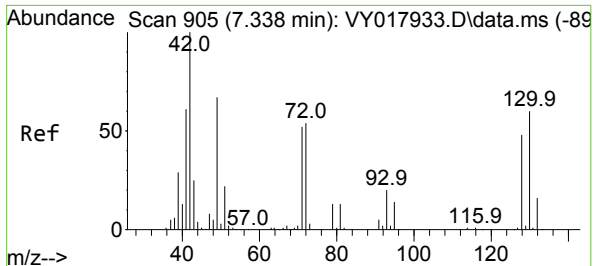
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 90.7 72.7 109.1





#29

Tetrahydrofuran

Concen: 226.090 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY018041.D

Acq: 25 Apr 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

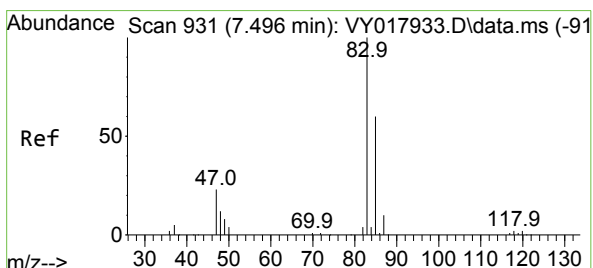
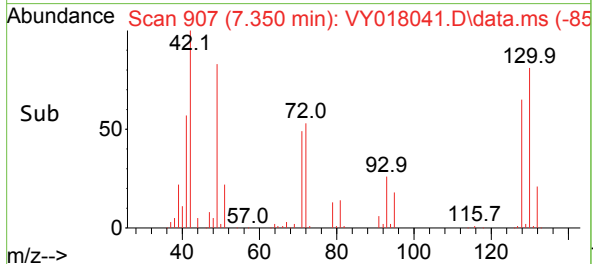
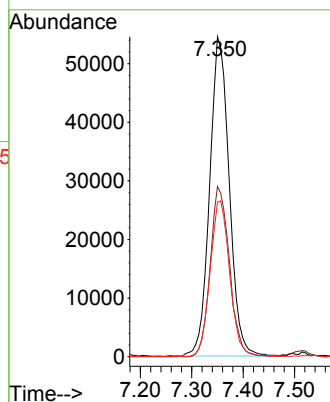
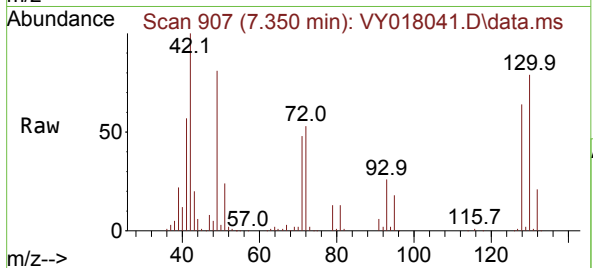
Tgt Ion: 42 Resp: 144384

Ion Ratio Lower Upper

42 100

72 52.2 43.0 64.4

71 48.7 40.8 61.2



#30

Chloroform

Concen: 53.081 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY018041.D

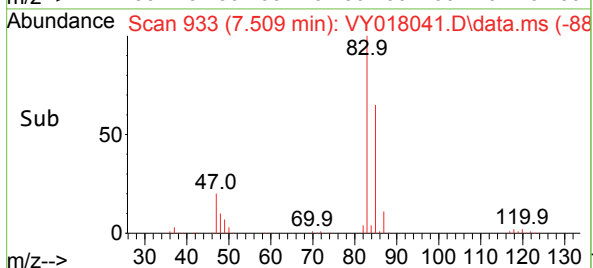
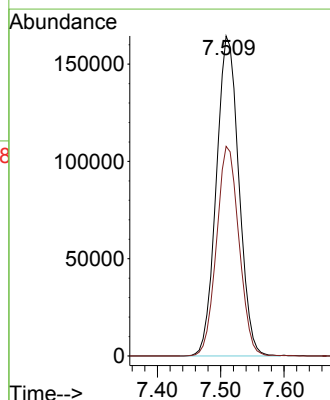
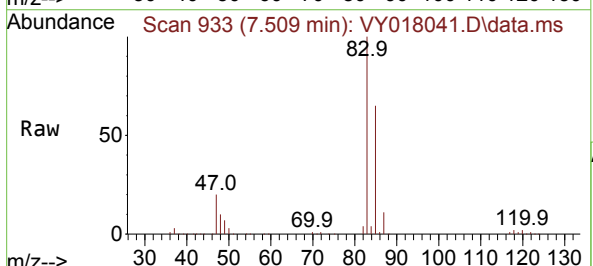
Acq: 25 Apr 2024 10:54

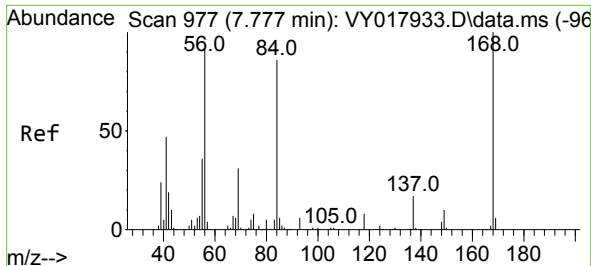
Tgt Ion: 83 Resp: 406170

Ion Ratio Lower Upper

83 100

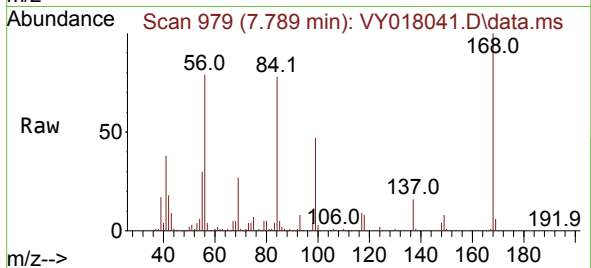
85 65.5 52.2 78.4



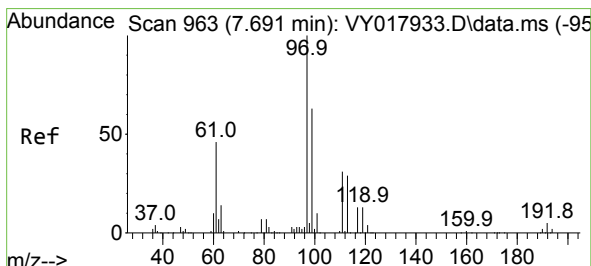
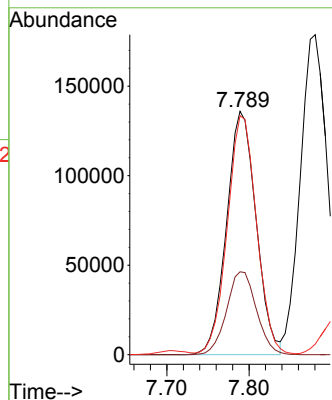
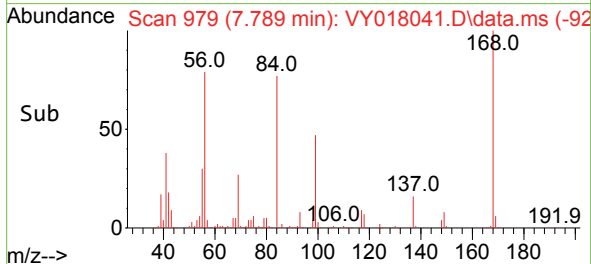


#31
Cyclohexane
Concen: 51.345 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018041.D
Acq: 25 Apr 2024 10:54

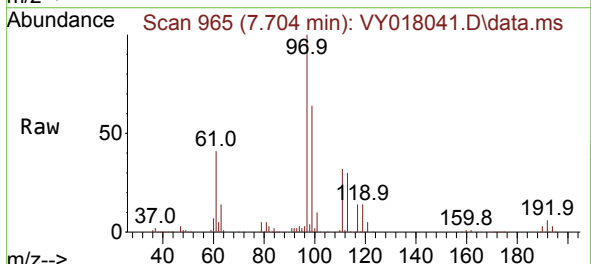
Instrument :
MSVOA_Y
ClientSampleId :



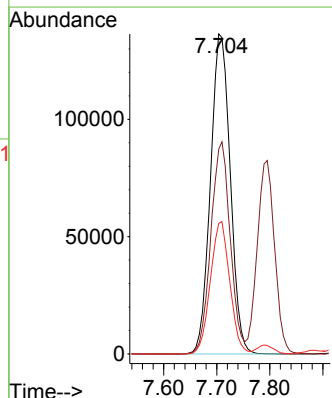
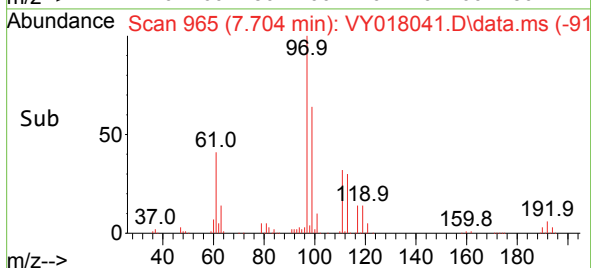
Tgt Ion: 56 Resp: 340055
Ion Ratio Lower Upper
56 100
69 34.1 28.7 43.1
84 96.9 77.7 116.5

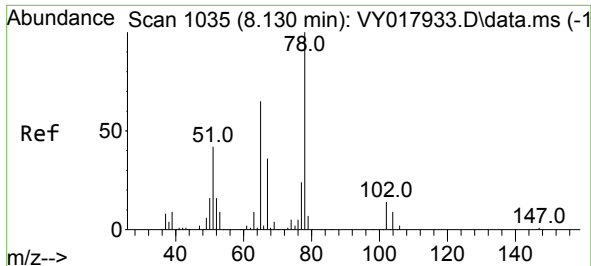


#32
1,1,1-Trichloroethane
Concen: 55.435 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY018041.D
Acq: 25 Apr 2024 10:54



Tgt Ion: 97 Resp: 353297
Ion Ratio Lower Upper
97 100
99 65.0 50.3 75.5
61 40.7 32.6 48.8

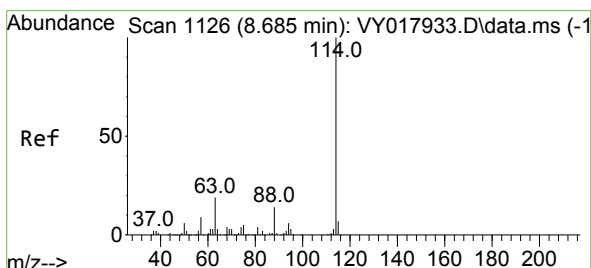
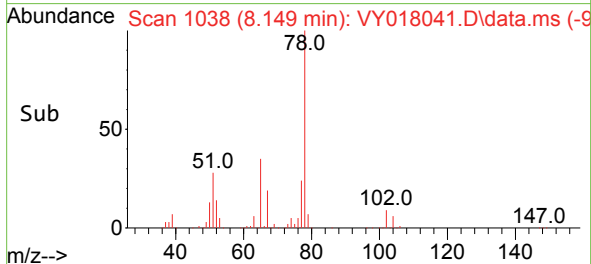
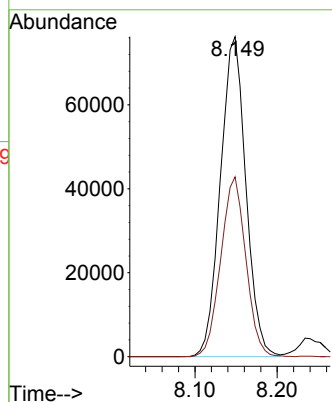
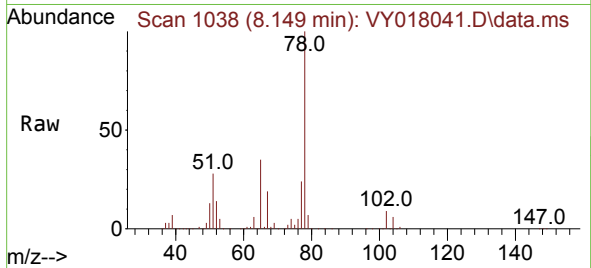




#33
1,2-Dichloroethane-d4
Concen: 47.349 ug/l
RT: 8.149 min Scan# 110
Delta R.T. 0.006 min
Lab File: VY018041.D
Acq: 25 Apr 2024 10:54

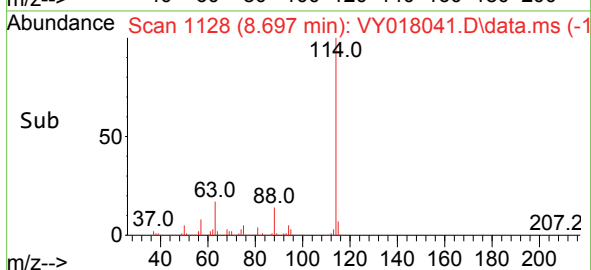
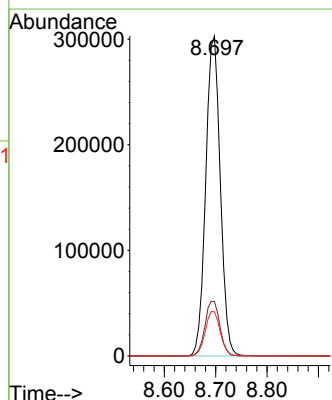
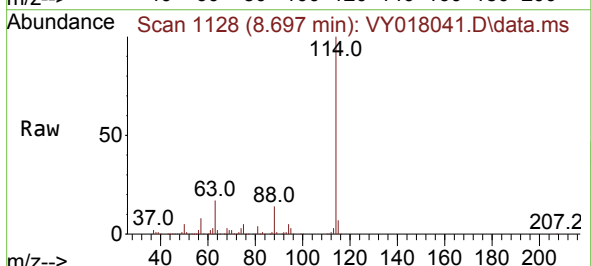
Instrument :
MSVOA_Y
ClientSampleId :

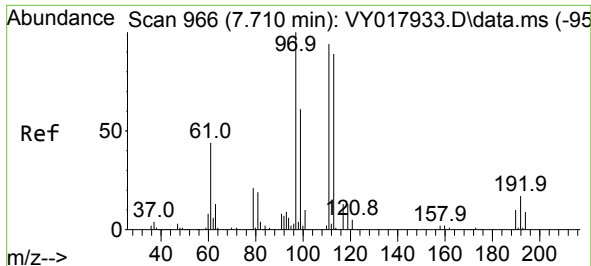
Tgt Ion: 65 Resp: 164062
Ion Ratio Lower Upper
65 100
67 55.4 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VY018041.D
Acq: 25 Apr 2024 10:54

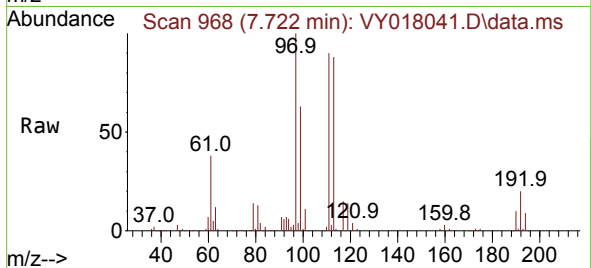
Tgt Ion: 114 Resp: 594931
Ion Ratio Lower Upper
114 100
63 17.0 0.0 35.0
88 13.8 0.0 27.2



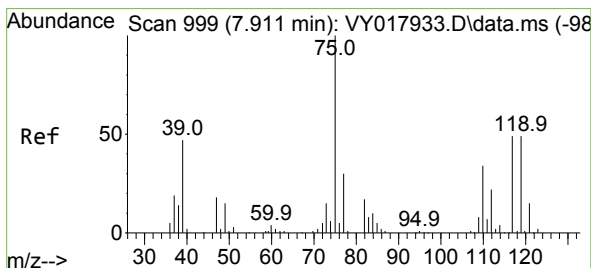
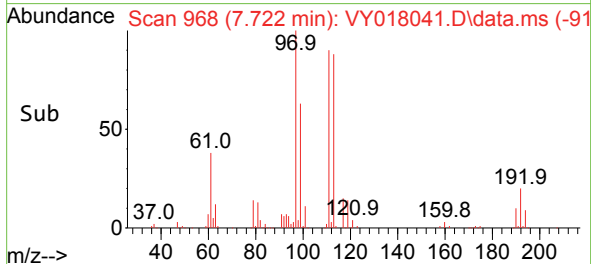
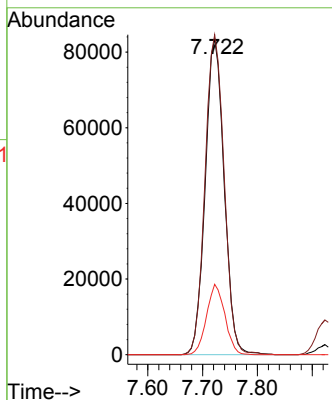


#35
Dibromofluoromethane
Concen: 54.400 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY018041.D
Acq: 25 Apr 2024 10:54

Instrument :
MSVOA_Y
ClientSampleId :

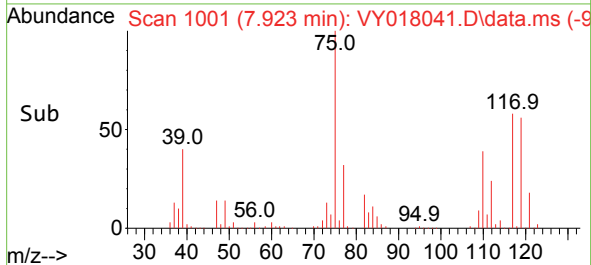
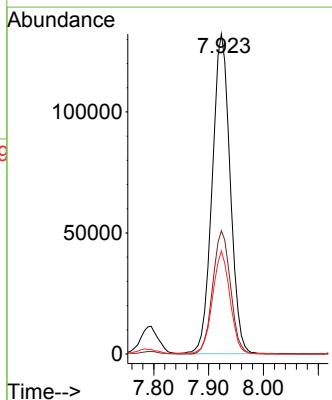
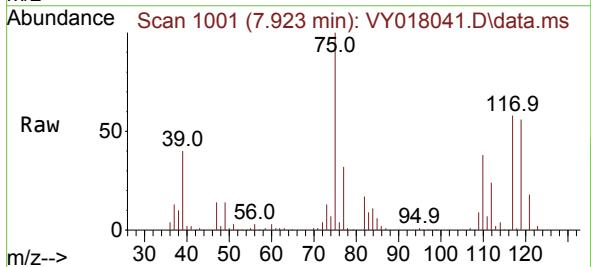


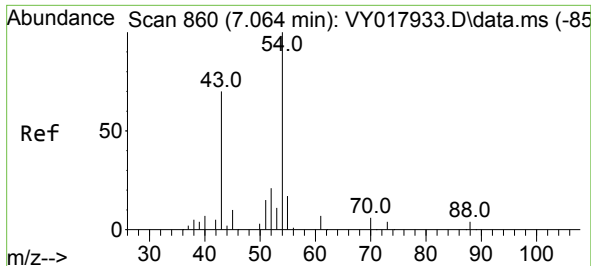
Tgt Ion:113 Resp: 199668
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 21.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 56.321 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY018041.D
Acq: 25 Apr 2024 10:54

Tgt Ion: 75 Resp: 300632
Ion Ratio Lower Upper
75 100
110 38.2 19.0 57.0
77 31.5 25.3 37.9





#37

Ethyl Acetate

Concen: 48.484 ug/l

RT: 7.082 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY018041.D

Acq: 25 Apr 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

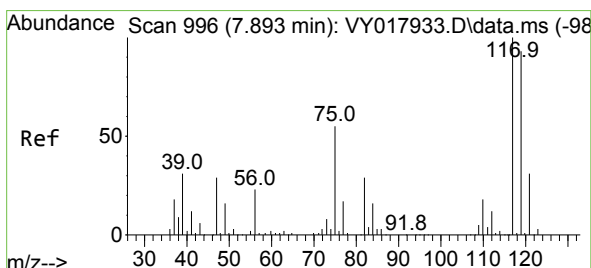
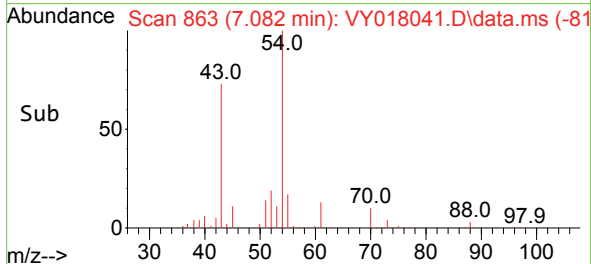
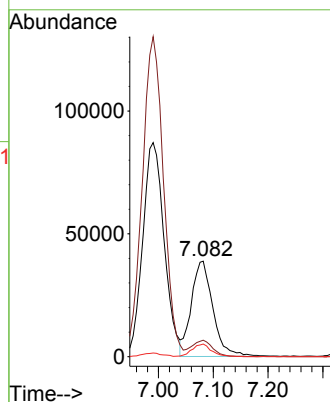
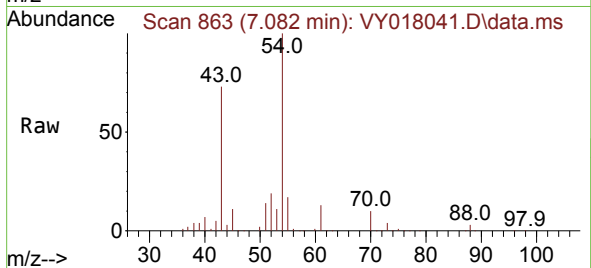
Tgt Ion: 43 Resp: 106475

Ion Ratio Lower Upper

43 100

61 16.2 12.6 19.0

70 12.0 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 60.226 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.000 min

Lab File: VY018041.D

Acq: 25 Apr 2024 10:54

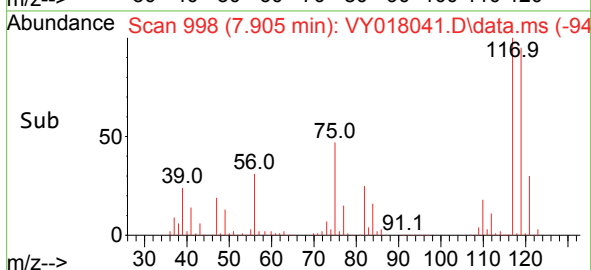
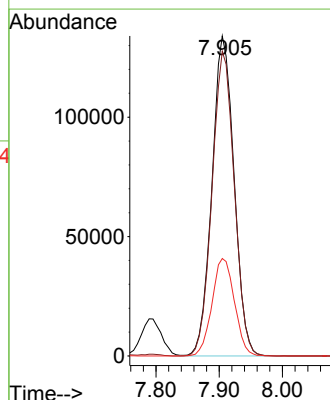
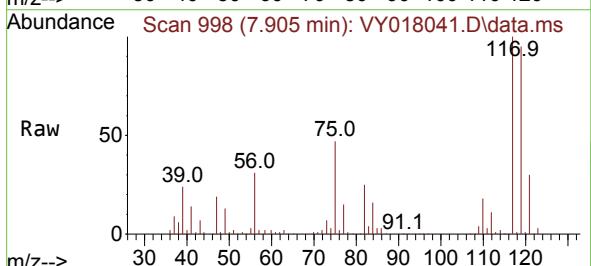
Tgt Ion: 117 Resp: 324784

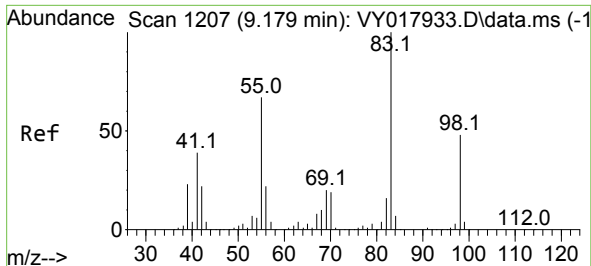
Ion Ratio Lower Upper

117 100

119 95.2 75.8 113.6

121 30.4 24.0 36.0





#39

Methylcyclohexane

Concen: 56.897 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018041.D

Acq: 25 Apr 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

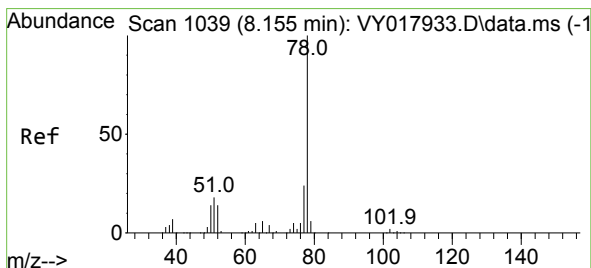
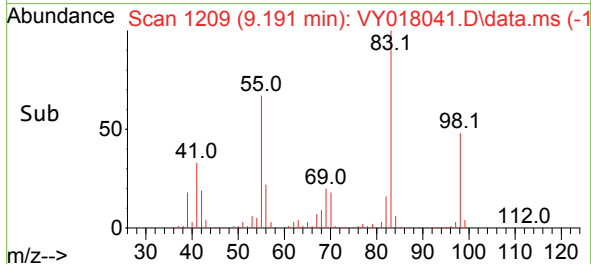
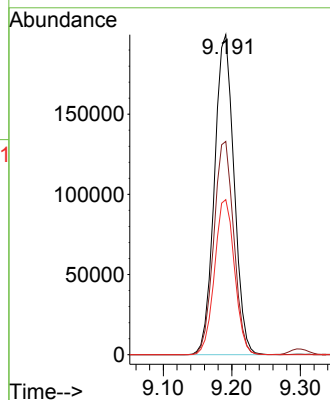
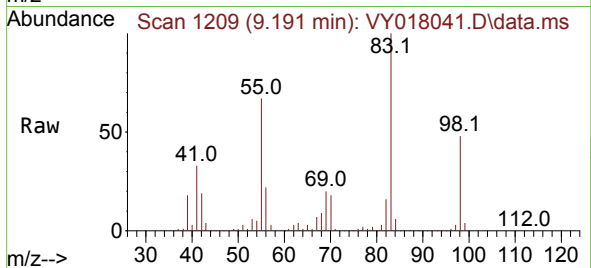
Tgt Ion: 83 Resp: 395776

Ion Ratio Lower Upper

83 100

55 66.7 51.5 77.3

98 48.5 40.5 60.7



#40

Benzene

Concen: 56.865 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY018041.D

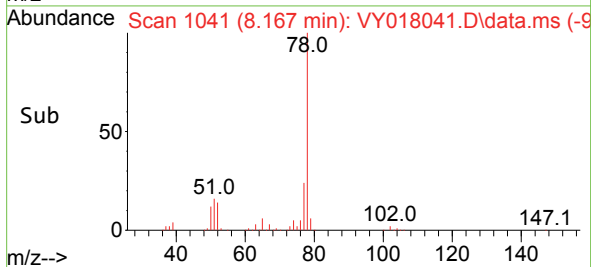
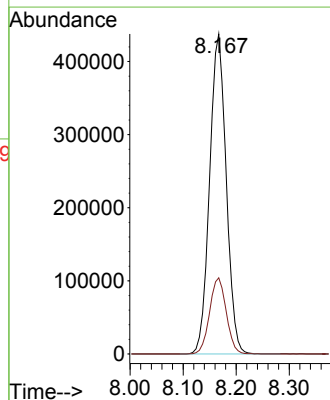
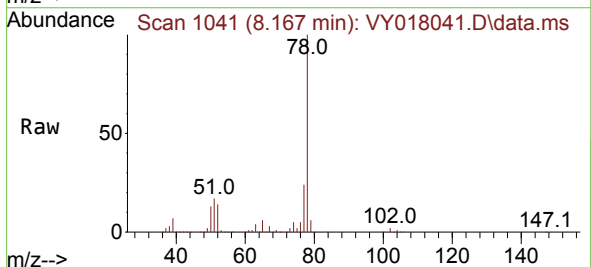
Acq: 25 Apr 2024 10:54

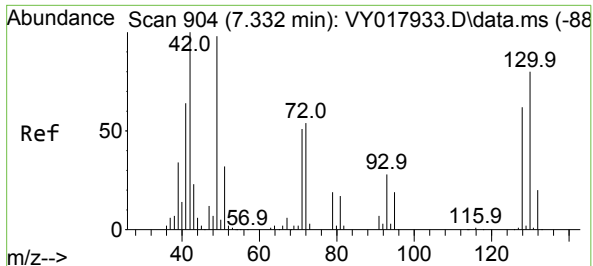
Tgt Ion: 78 Resp: 950759

Ion Ratio Lower Upper

78 100

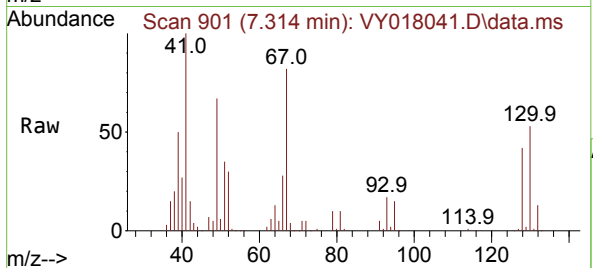
77 23.8 19.5 29.3



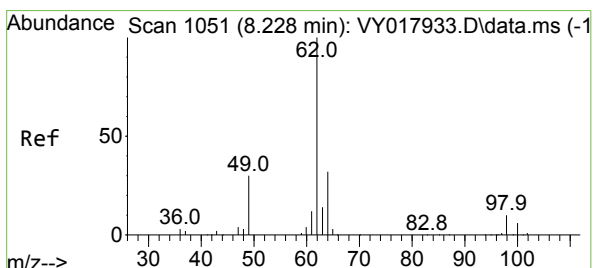
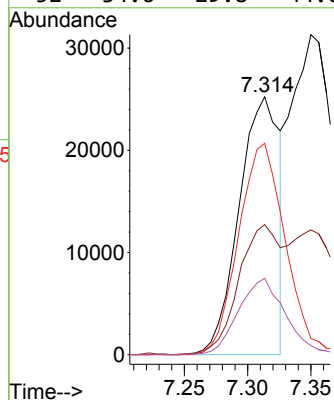
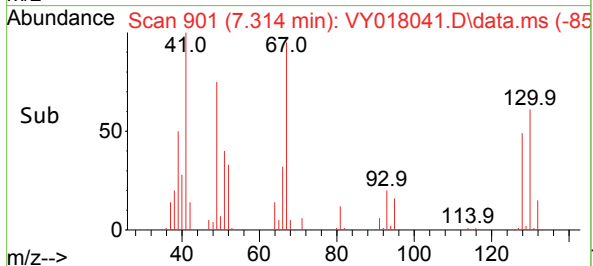


#41
Methacrylonitrile
Concen: 40.474 ug/l
RT: 7.314 min Scan# 904
Delta R.T. -0.018 min
Lab File: VY018041.D
Acq: 25 Apr 2024 10:54

Instrument :
MSVOA_Y
ClientSampleId :

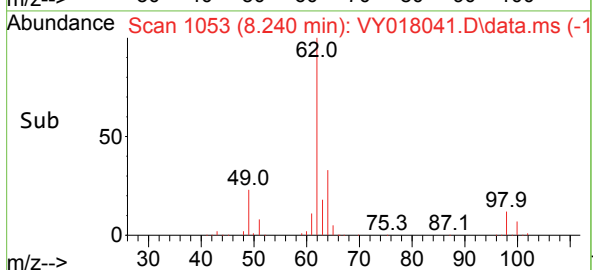
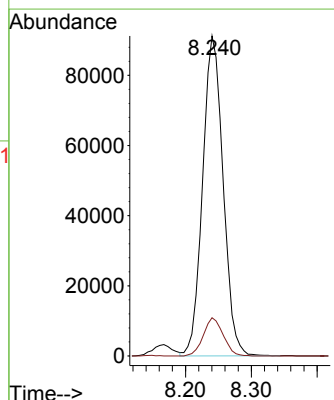
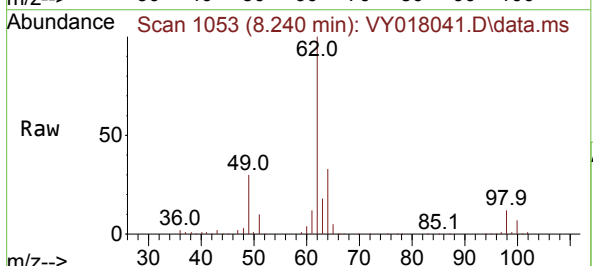


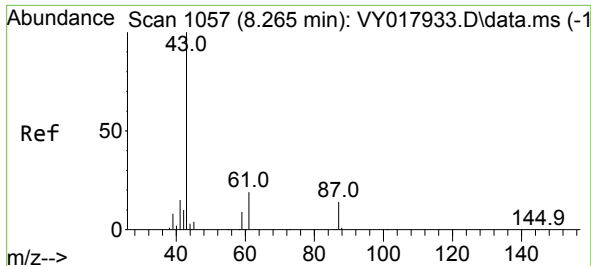
Tgt Ion:	41	Resp:	56086
Ion	Ratio	Lower	Upper
41	100		
39	50.5	48.0	72.0
67	95.8	75.1	112.7
52	34.6	29.8	44.6



#42
1,2-Dichloroethane
Concen: 51.591 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY018041.D
Acq: 25 Apr 2024 10:54

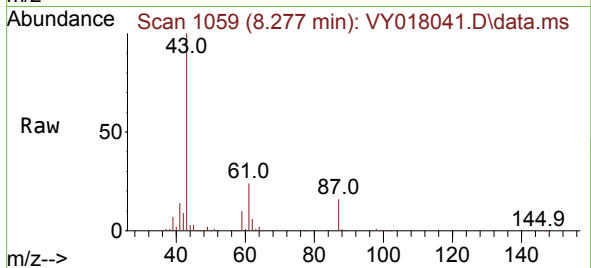
Tgt Ion:	62	Resp:	197643
Ion	Ratio	Lower	Upper
62	100		
98	11.5	0.0	22.0



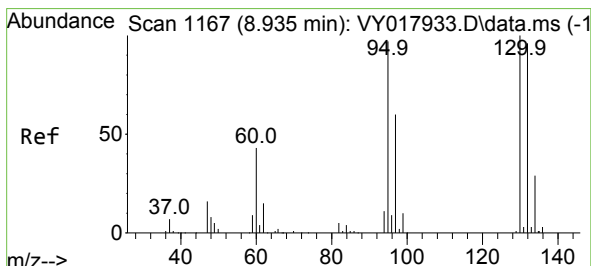
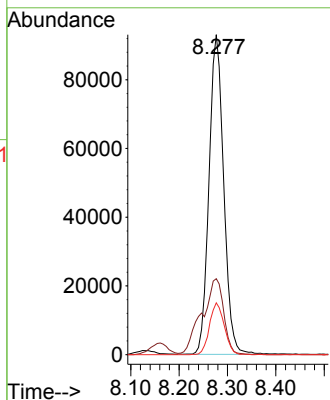
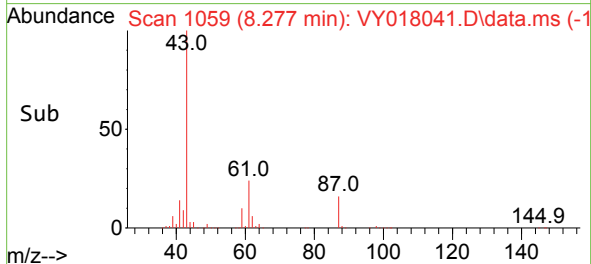


#43
Isopropyl Acetate
Concen: 48.038 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VY018041.D
Acq: 25 Apr 2024 10:54

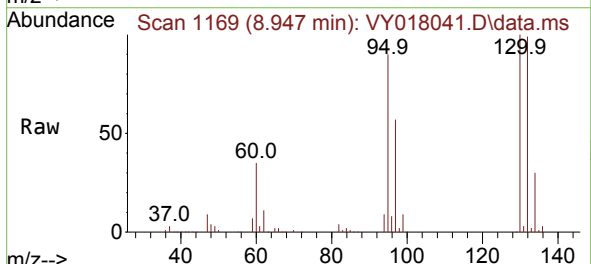
Instrument :
MSVOA_Y
ClientSampleId :



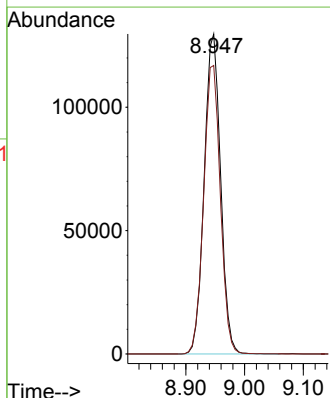
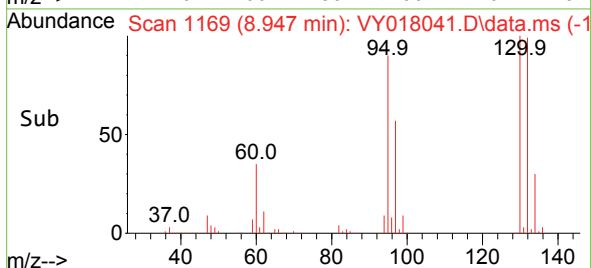
Tgt Ion: 43 Resp: 196651
Ion Ratio Lower Upper
43 100
61 34.9 27.9 41.9
87 16.3 13.1 19.7

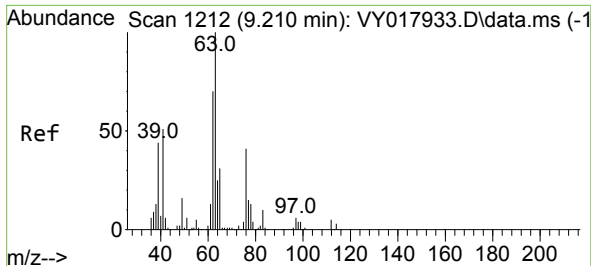


#44
Trichloroethene
Concen: 59.226 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY018041.D
Acq: 25 Apr 2024 10:54



Tgt Ion: 130 Resp: 251636
Ion Ratio Lower Upper
130 100
95 90.2 0.0 188.0





#45

1,2-Dichloropropane

Concen: 55.353 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VY018041.D

Acq: 25 Apr 2024 10:54

Instrument :

MSVOA_Y

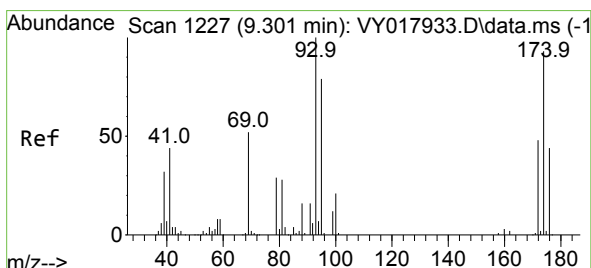
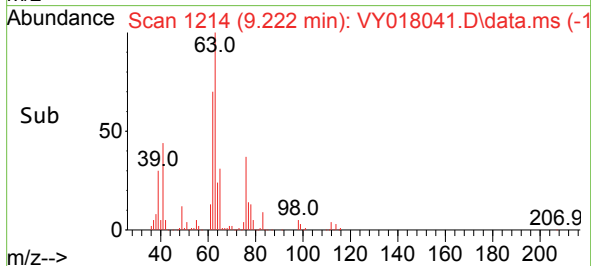
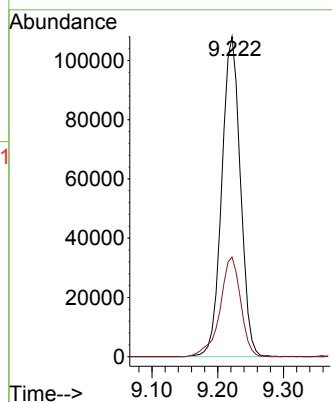
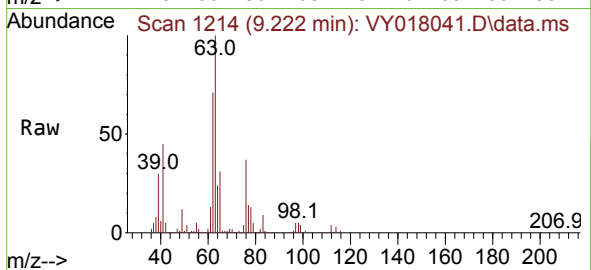
ClientSampleId :

Tgt Ion: 63 Resp: 213039

Ion Ratio Lower Upper

63 100

65 31.2 25.4 38.2



#46

Dibromomethane

Concen: 52.714 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY018041.D

Acq: 25 Apr 2024 10:54

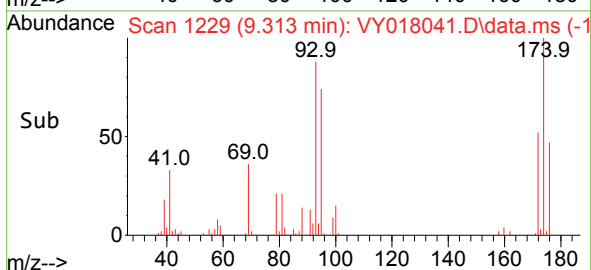
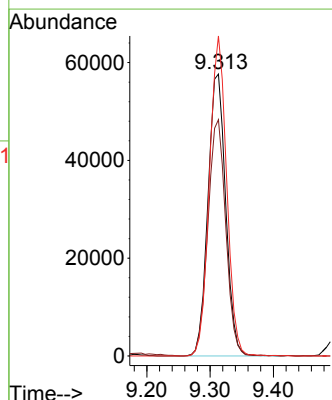
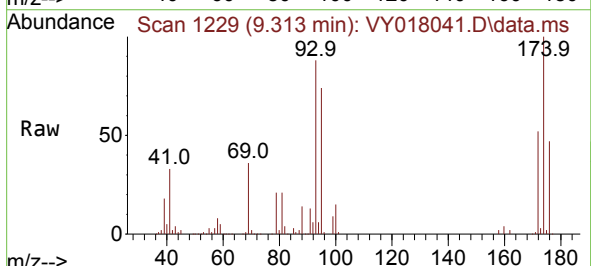
Tgt Ion: 93 Resp: 112224

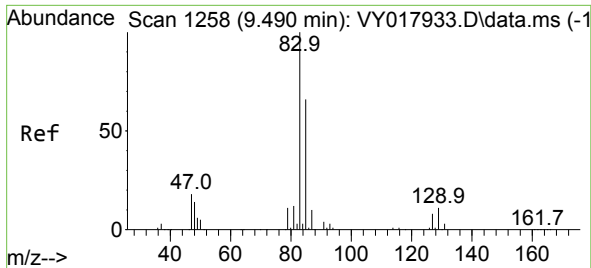
Ion Ratio Lower Upper

93 100

95 84.4 66.2 99.4

174 110.2 80.9 121.3

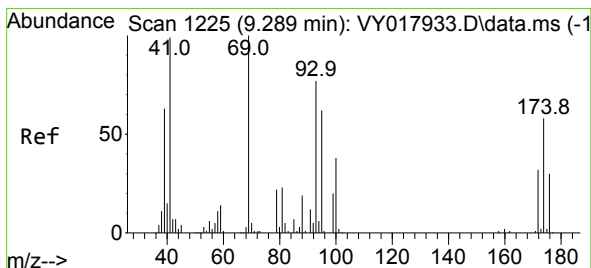
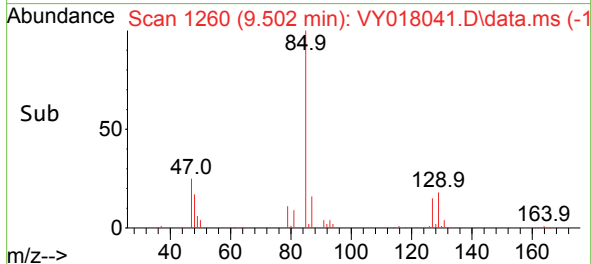
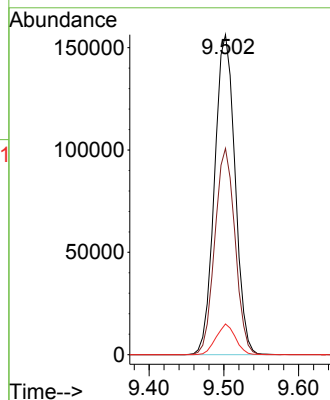
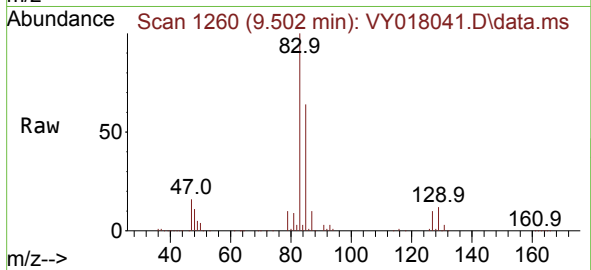




#47
Bromodichloromethane
Concen: 55.685 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY018041.D
Acq: 25 Apr 2024 10:54

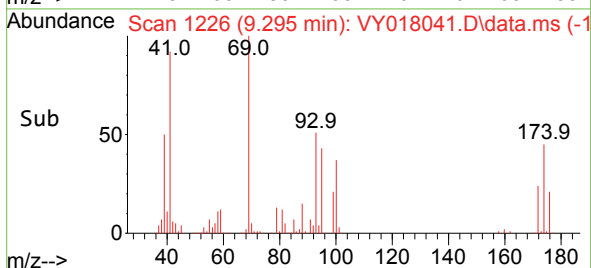
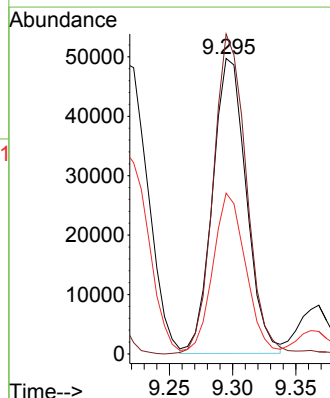
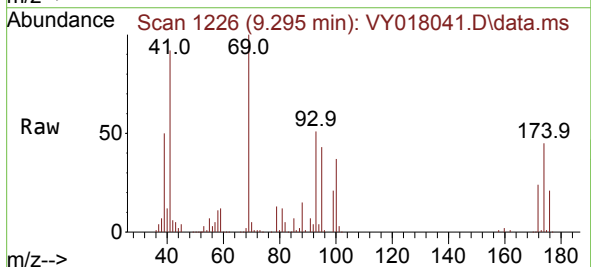
Instrument :
MSVOA_Y
ClientSampleId :

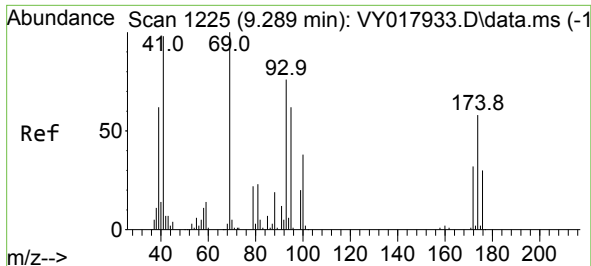
Tgt Ion: 83 Resp: 297420
Ion Ratio Lower Upper
83 100
85 64.5 50.1 75.1
127 9.6 7.4 11.0



#48
Methyl methacrylate
Concen: 49.180 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY018041.D
Acq: 25 Apr 2024 10:54

Tgt Ion: 41 Resp: 92254
Ion Ratio Lower Upper
41 100
69 107.1 84.1 126.1
39 50.7 43.6 65.4





#49

1,4-Dioxane

Concen: 998.499 ug/l

RT: 9.307 min Scan# 11

Delta R.T. 0.006 min

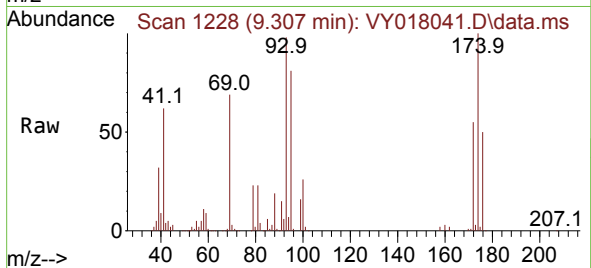
Lab File: VY018041.D

Acq: 25 Apr 2024 10:54

Instrument :

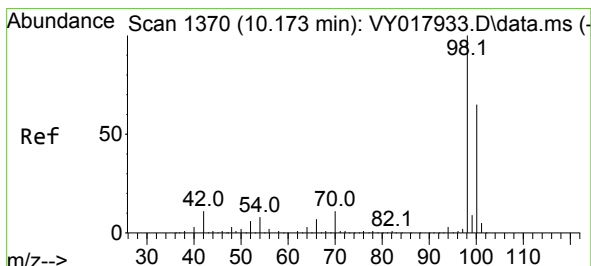
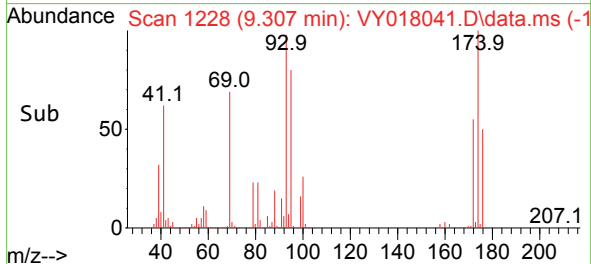
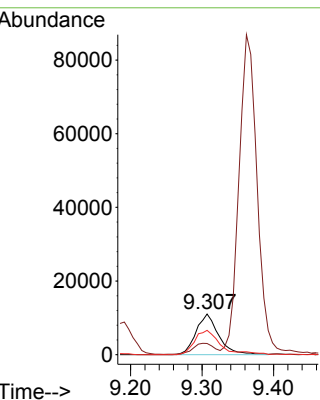
MSVOA_Y

ClientSampleId :



Tgt Ion: 88 Resp: 24267

Ion	Ratio	Lower	Upper
88	100		
43	25.9	0.0	0.0#
58	67.8	49.3	73.9



#50

Toluene-d8

Concen: 58.188 ug/l

RT: 10.185 min Scan# 1372

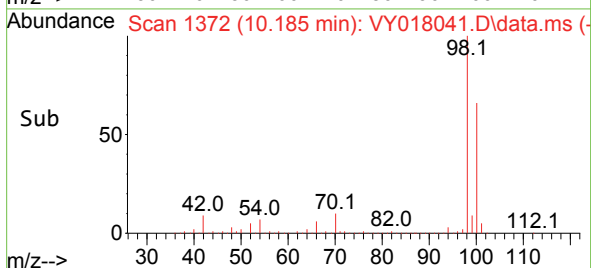
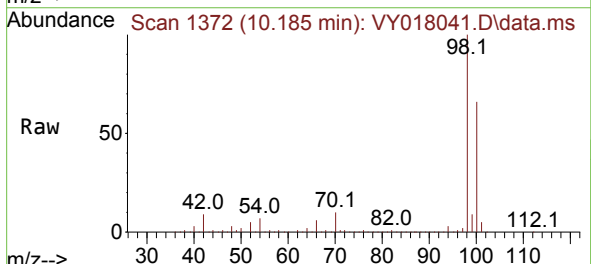
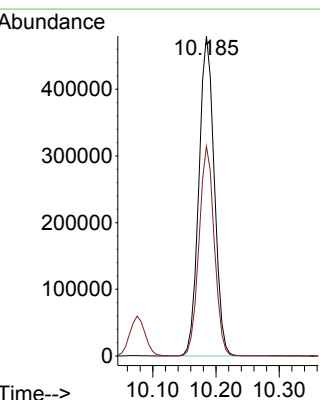
Delta R.T. 0.006 min

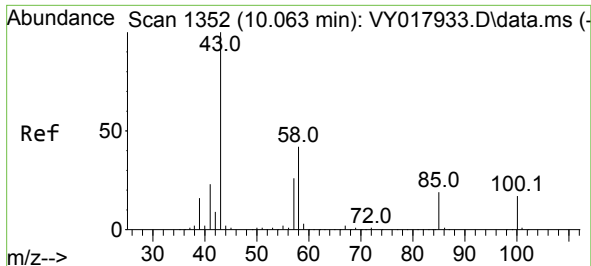
Lab File: VY018041.D

Acq: 25 Apr 2024 10:54

Tgt Ion: 98 Resp: 810389

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.0	78.0

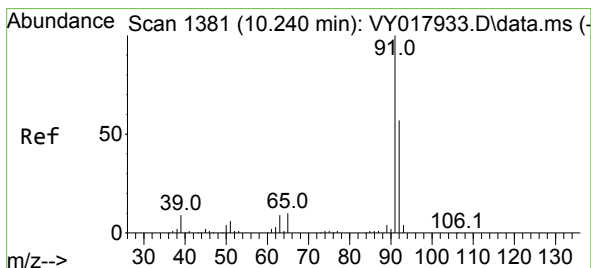
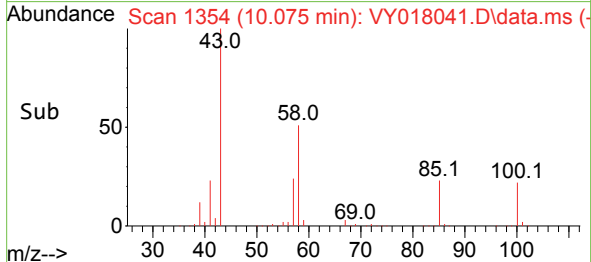
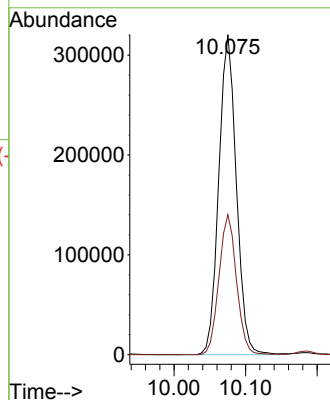
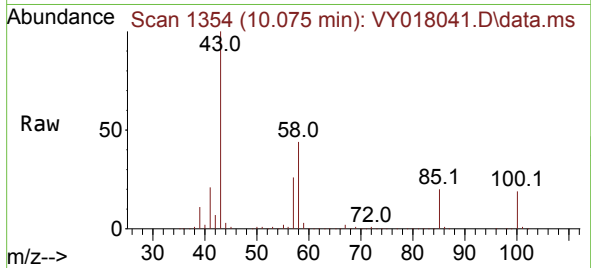




#51
4-Methyl-2-Pentanone
Concen: 251.432 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY018041.D
Acq: 25 Apr 2024 10:54

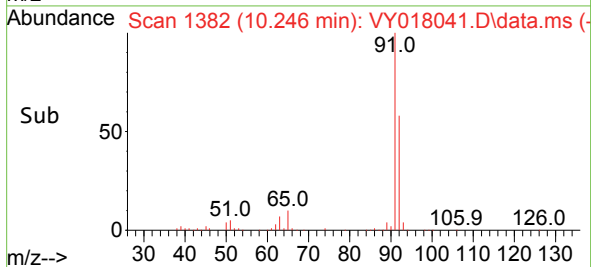
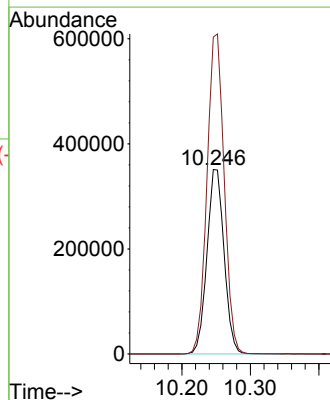
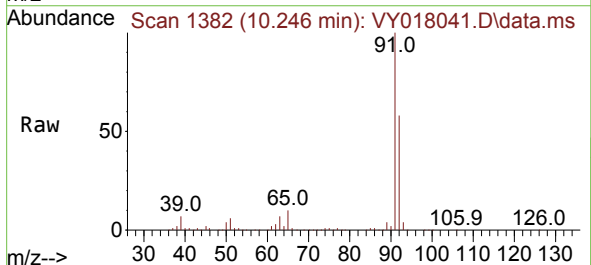
Instrument :
MSVOA_Y
ClientSampleId :

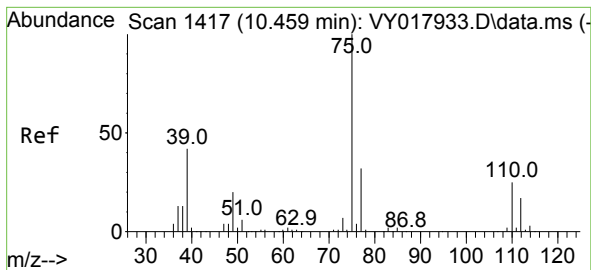
Tgt Ion: 43 Resp: 545646
Ion Ratio Lower Upper
43 100
58 43.8 35.7 53.5



#52
Toluene
Concen: 59.436 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY018041.D
Acq: 25 Apr 2024 10:54

Tgt Ion: 92 Resp: 609801
Ion Ratio Lower Upper
92 100
91 174.3 139.0 208.6

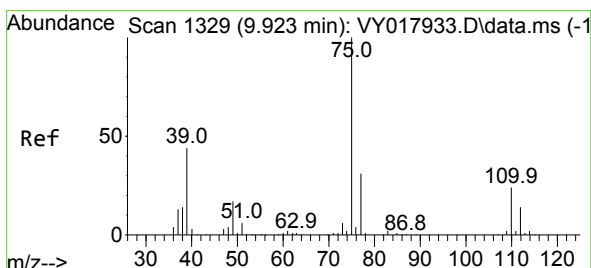
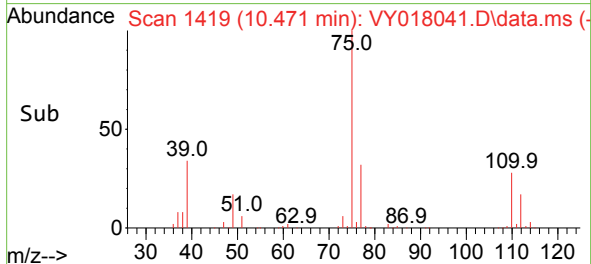
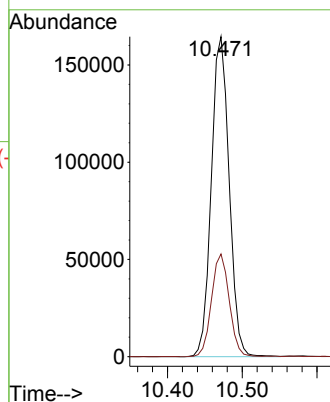
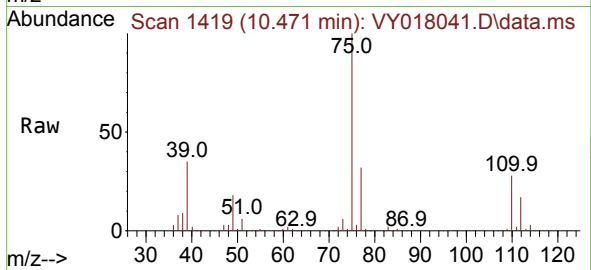




#53
 t-1,3-Dichloropropene
 Concen: 55.963 ug/l
 RT: 10.471 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY018041.D
 Acq: 25 Apr 2024 10:54

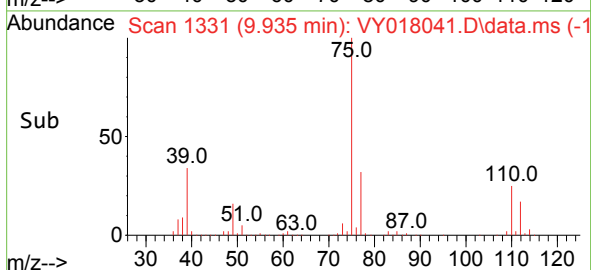
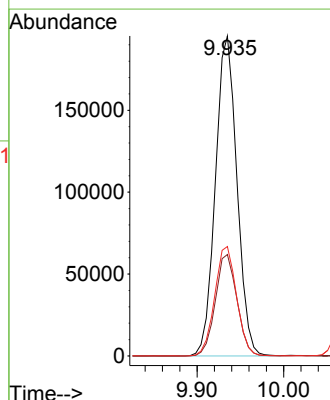
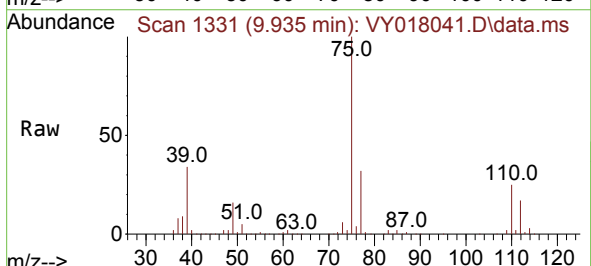
Instrument :
 MSVOA_Y
 ClientSampleId :

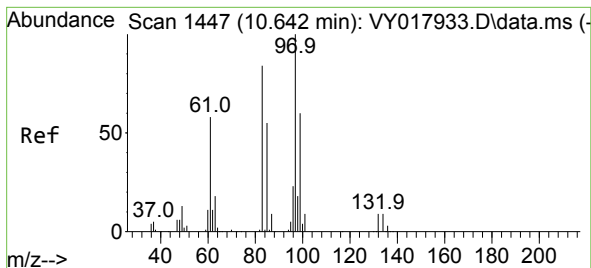
Tgt Ion: 75 Resp: 272878
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 56.292 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.006 min
 Lab File: VY018041.D
 Acq: 25 Apr 2024 10:54

Tgt Ion: 75 Resp: 337192
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0
 39 34.2 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 54.250 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

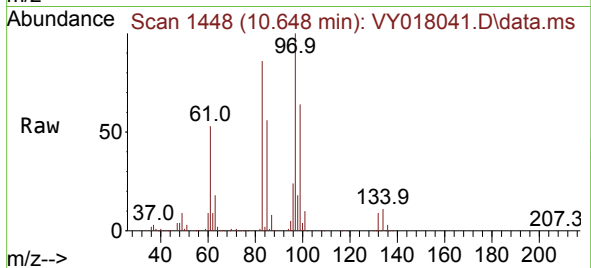
Lab File: VY018041.D

Acq: 25 Apr 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 156999

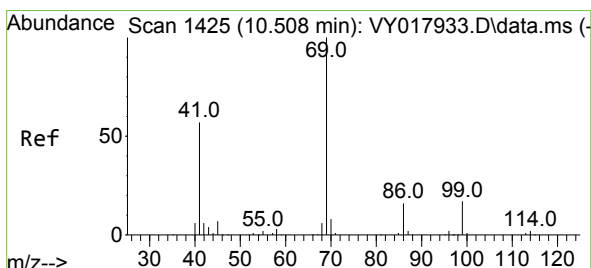
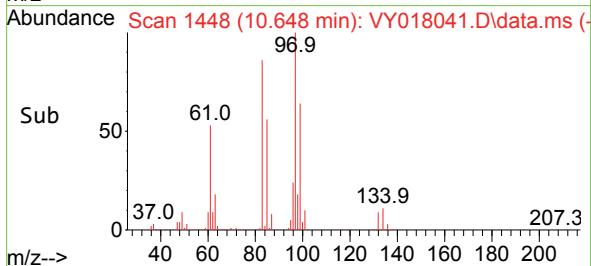
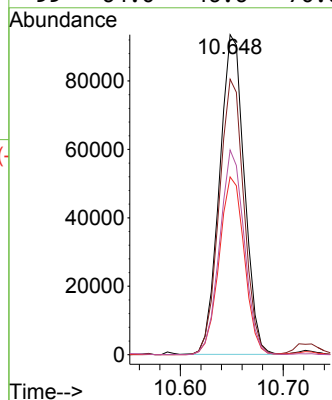
Ion Ratio Lower Upper

97 100

83 86.1 67.5 101.3

85 55.6 42.9 64.3

99 64.0 46.6 70.0



#56

Ethyl methacrylate

Concen: 53.062 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY018041.D

Acq: 25 Apr 2024 10:54

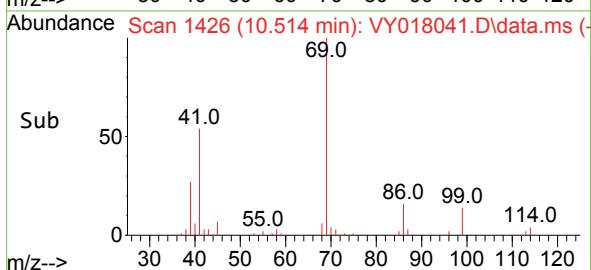
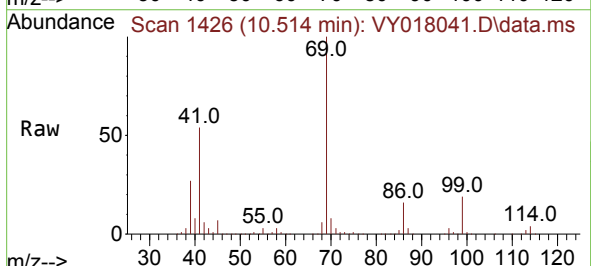
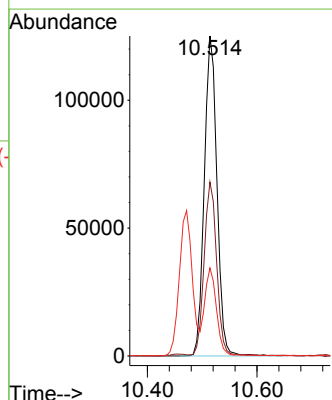
Tgt Ion: 69 Resp: 200192

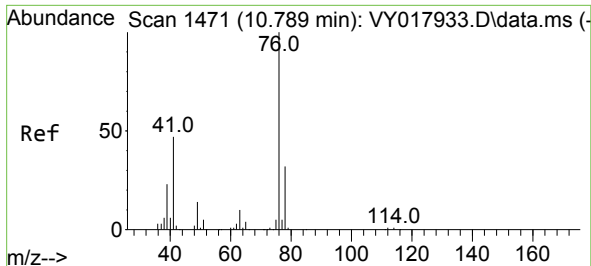
Ion Ratio Lower Upper

69 100

41 53.8 42.3 63.5

39 25.2 22.9 34.3





#57

1,3-Dichloropropane

Concen: 54.058 ug/l

RT: 10.795 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY018041.D

Acq: 25 Apr 2024 10:54

Instrument :

MSVOA_Y

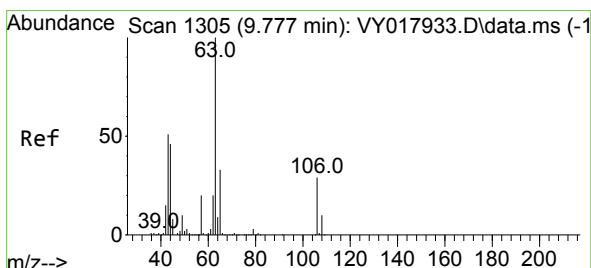
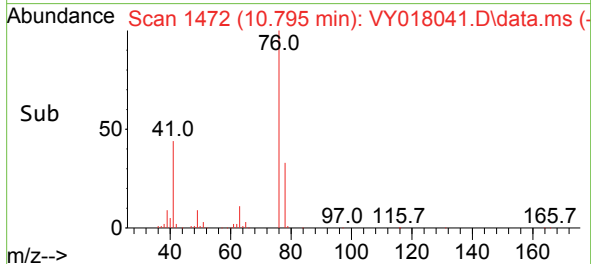
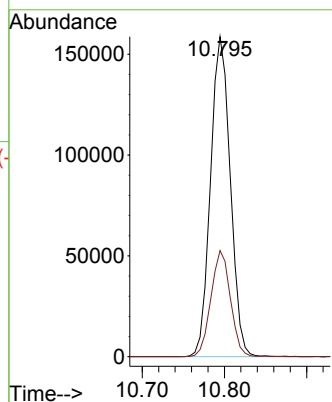
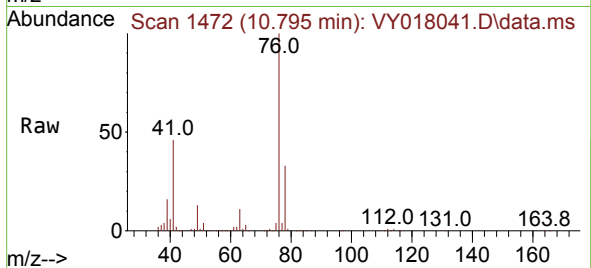
ClientSampleId :

Tgt Ion: 76 Resp: 264907

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 247.089 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VY018041.D

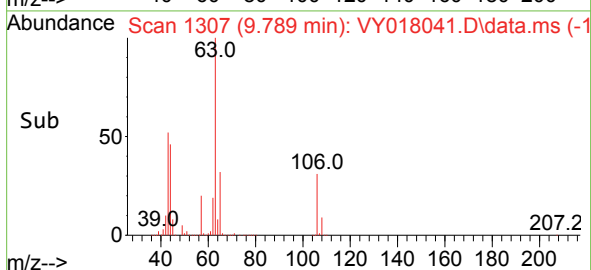
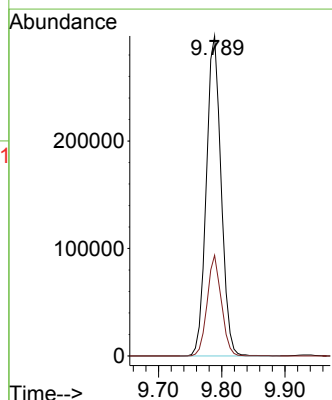
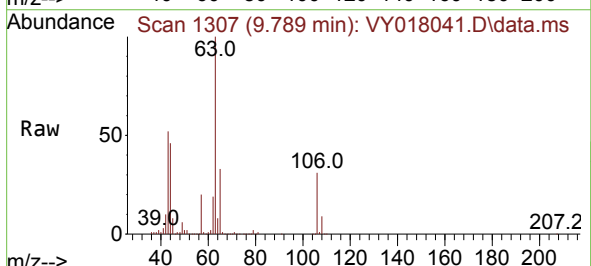
Acq: 25 Apr 2024 10:54

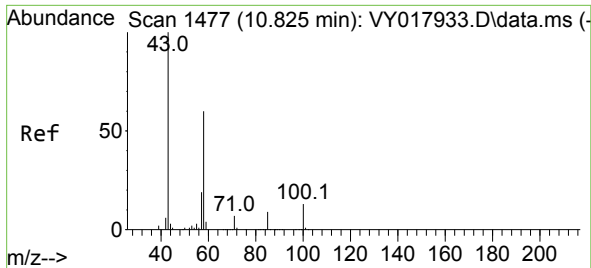
Tgt Ion: 63 Resp: 484573

Ion Ratio Lower Upper

63 100

106 30.1 23.7 35.5

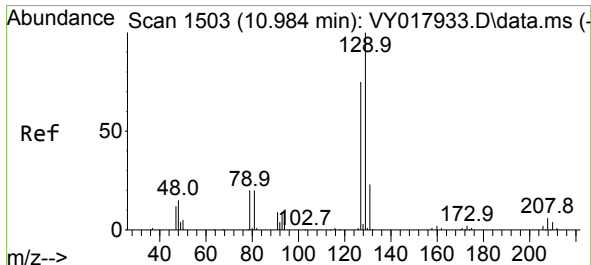
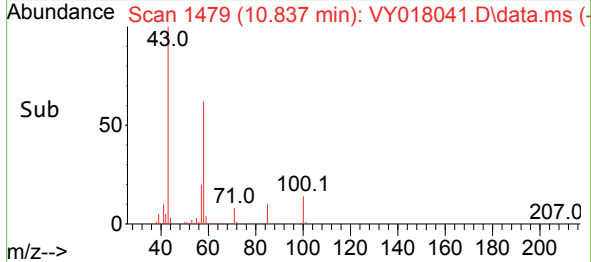
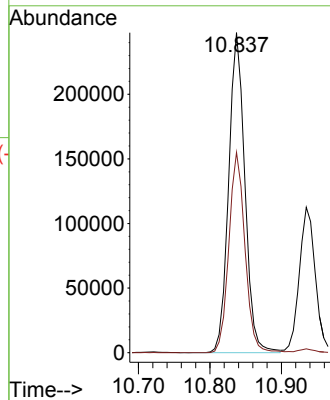
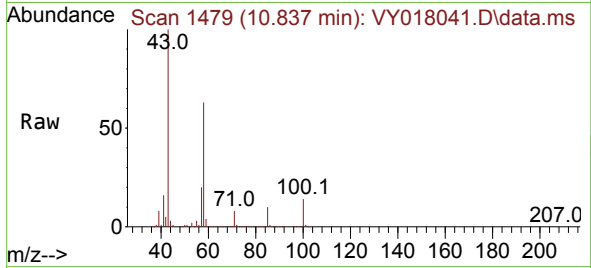




#59
2-Hexanone
Concen: 262.709 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY018041.D
Acq: 25 Apr 2024 10:54

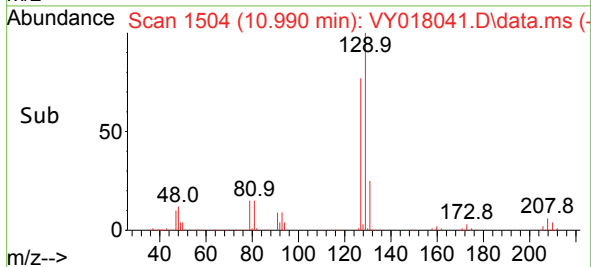
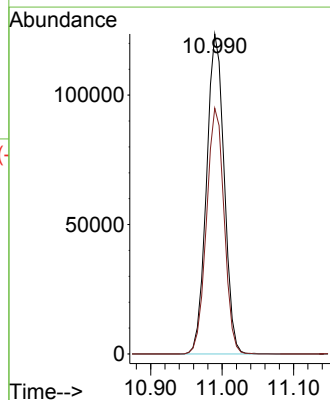
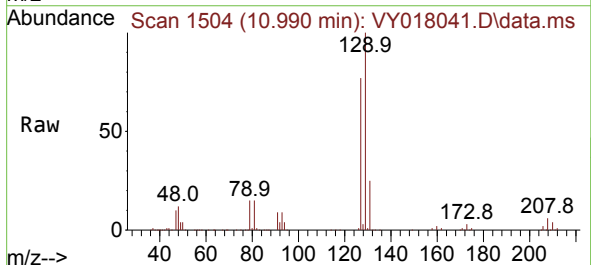
Instrument :
MSVOA_Y
ClientSampleId :

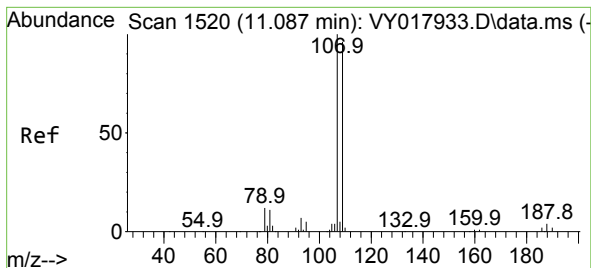
Tgt Ion: 43 Resp: 389181
Ion Ratio Lower Upper
43 100
58 62.2 31.4 94.0



#60
Dibromochloromethane
Concen: 56.834 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY018041.D
Acq: 25 Apr 2024 10:54

Tgt Ion: 129 Resp: 211386
Ion Ratio Lower Upper
129 100
127 76.9 39.0 117.0





#61

1,2-Dibromoethane

Concen: 53.011 ug/l

RT: 11.093 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018041.D

Acq: 25 Apr 2024 10:54

Instrument :

MSVOA_Y

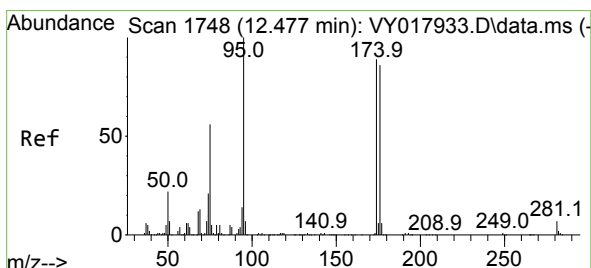
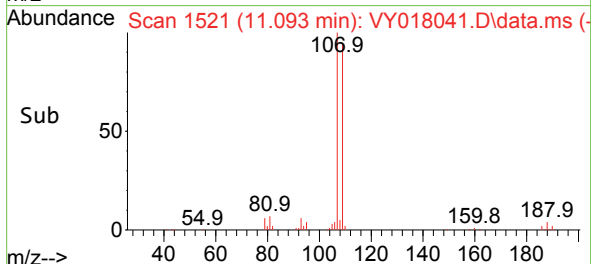
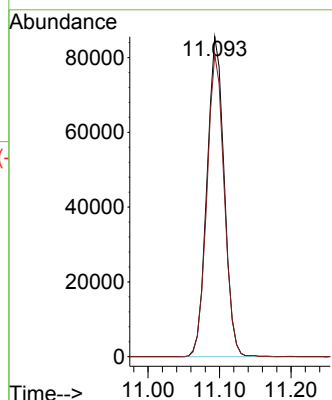
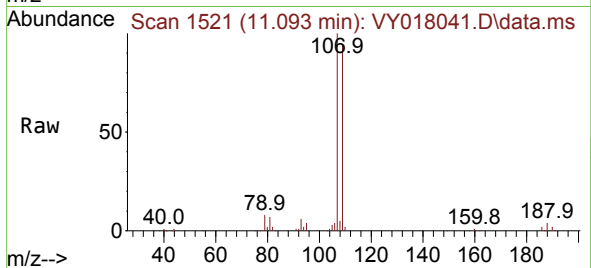
ClientSampleId :

Tgt Ion:107 Resp: 142975

Ion Ratio Lower Upper

107 100

109 95.0 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 55.524 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VY018041.D

Acq: 25 Apr 2024 10:54

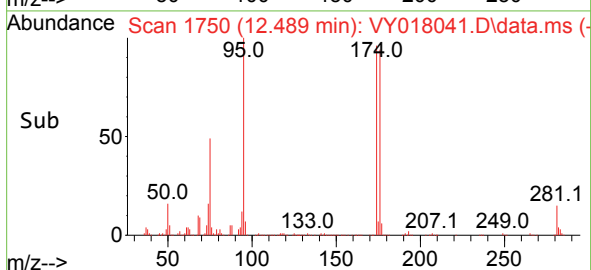
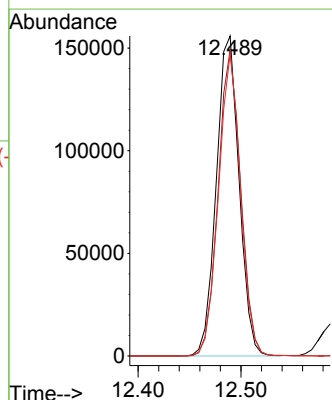
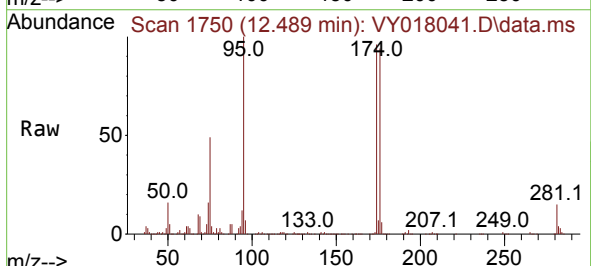
Tgt Ion: 95 Resp: 239490

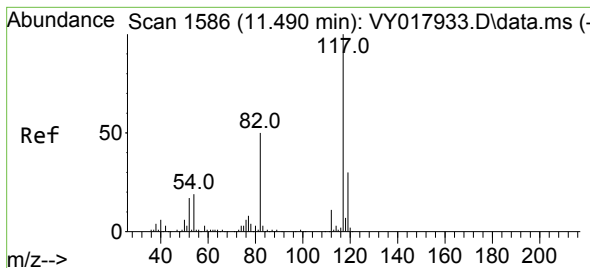
Ion Ratio Lower Upper

95 100

174 94.4 0.0 175.6

176 91.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

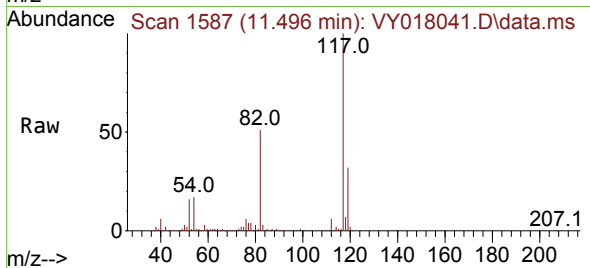
Lab File: VY018041.D

Acq: 25 Apr 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :



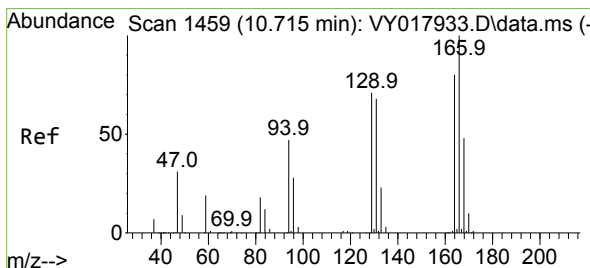
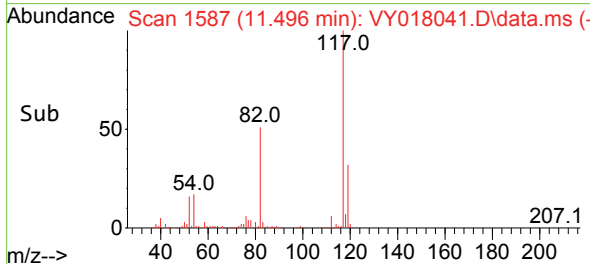
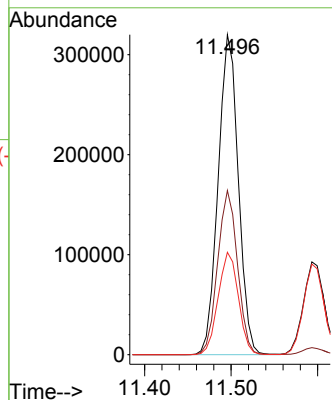
Tgt Ion:117 Resp: 517097

Ion Ratio Lower Upper

117 100

82 51.3 42.4 63.6

119 32.0 25.9 38.9



#64

Tetrachloroethene

Concen: 60.582 ug/l

RT: 10.728 min Scan# 1461

Delta R.T. 0.006 min

Lab File: VY018041.D

Acq: 25 Apr 2024 10:54

Tgt Ion:164 Resp: 224411

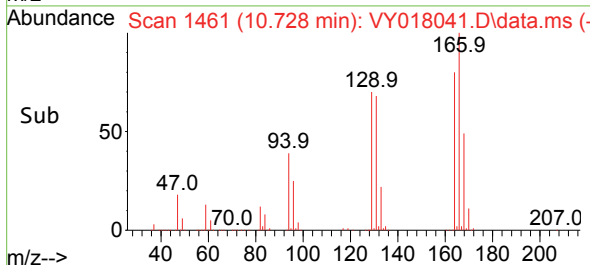
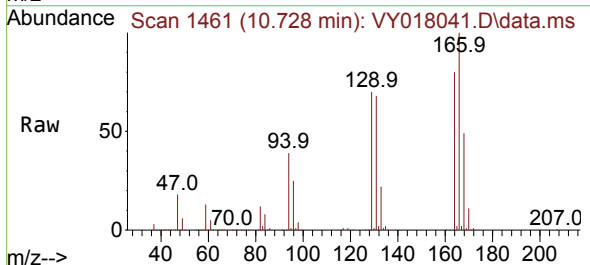
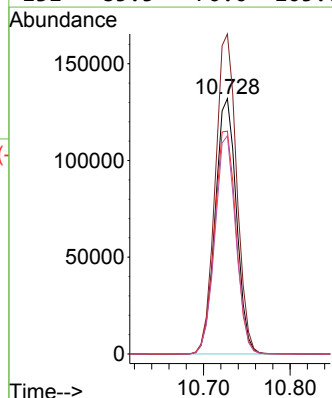
Ion Ratio Lower Upper

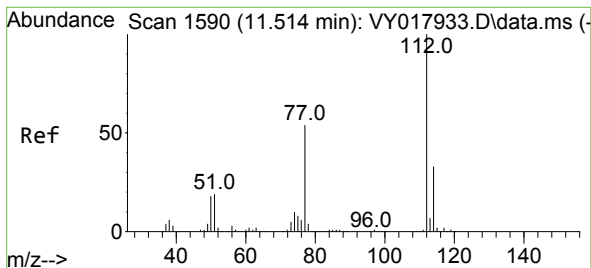
164 100

166 125.3 102.6 154.0

129 87.3 72.0 108.0

131 85.5 70.0 105.0





#65

Chlorobenzene

Concen: 58.870 ug/l

RT: 11.520 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018041.D

Acq: 25 Apr 2024 10:54

Instrument :

MSVOA_Y

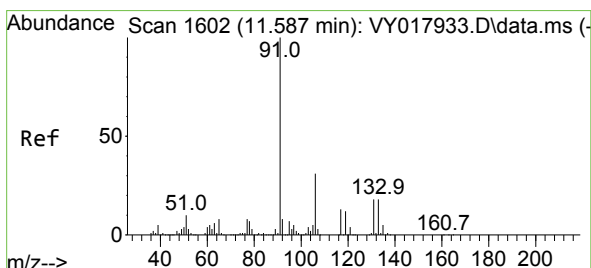
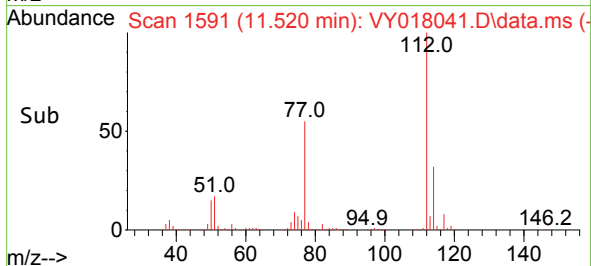
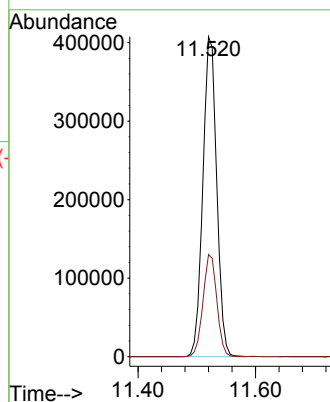
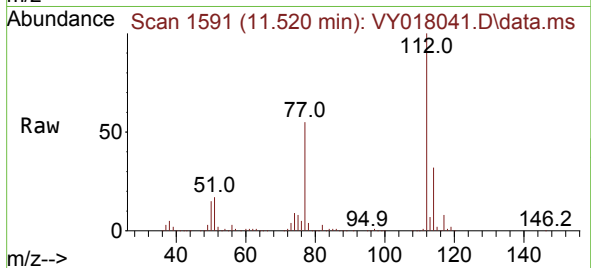
ClientSampleId :

Tgt Ion:112 Resp: 667177

Ion Ratio Lower Upper

112 100

114 31.9 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 59.437 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY018041.D

Acq: 25 Apr 2024 10:54

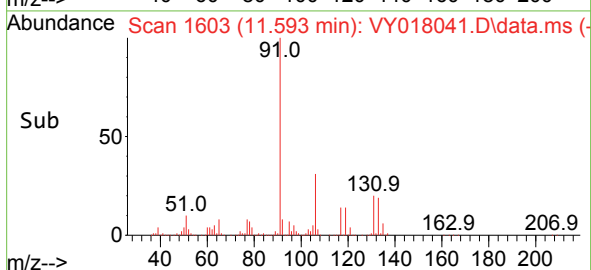
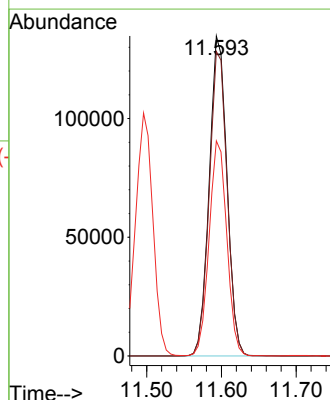
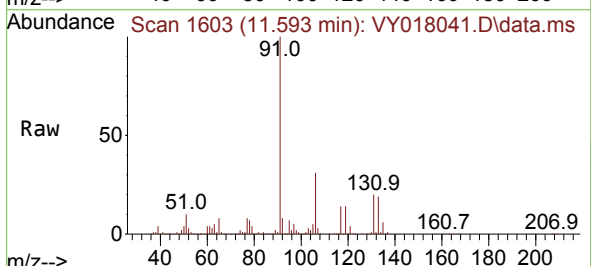
Tgt Ion:131 Resp: 222115

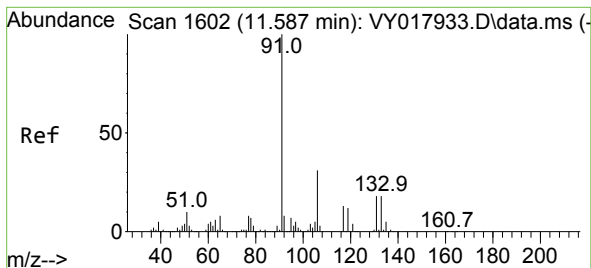
Ion Ratio Lower Upper

131 100

133 96.0 47.8 143.3

119 67.2 34.1 102.2





#67

Ethyl Benzene

Concen: 60.181 ug/l

RT: 11.599 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018041.D

Acq: 25 Apr 2024 10:54

Instrument :

MSVOA_Y

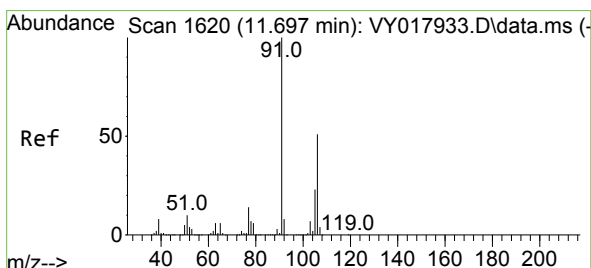
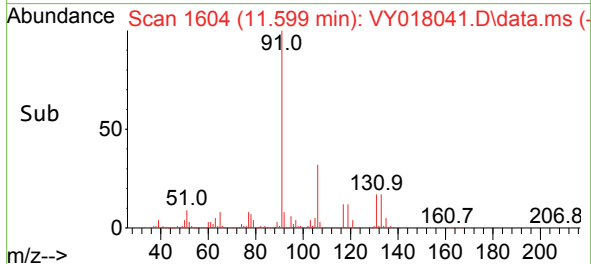
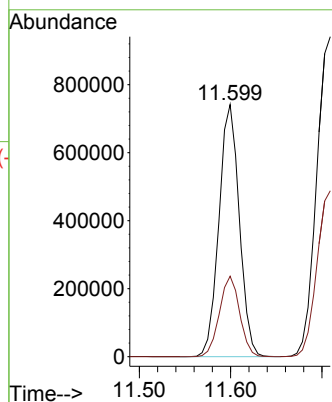
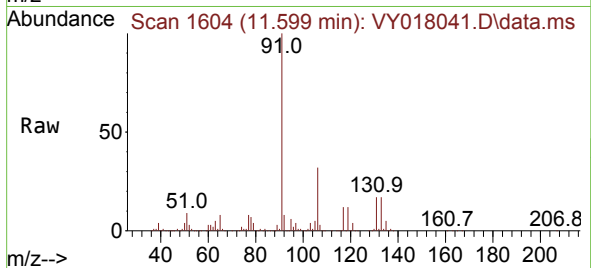
ClientSampleId :

Tgt Ion: 91 Resp: 1148383

Ion Ratio Lower Upper

91 100

106 31.9 24.5 36.7



#68

m/p-Xylenes

Concen: 121.984 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY018041.D

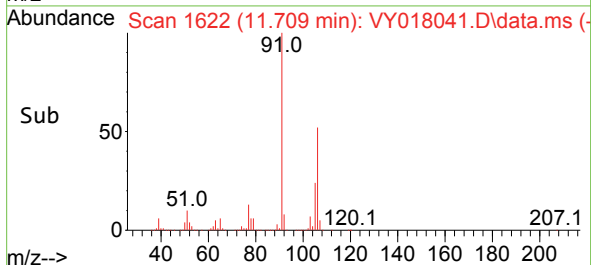
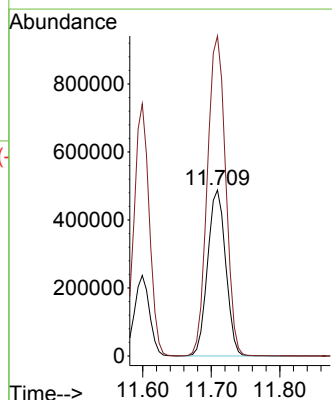
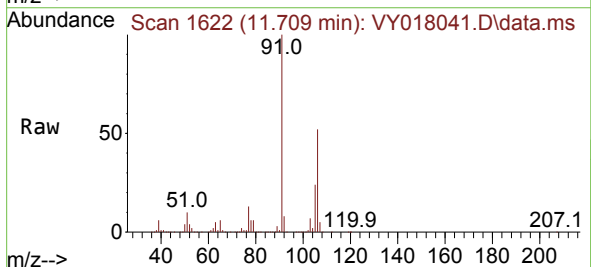
Acq: 25 Apr 2024 10:54

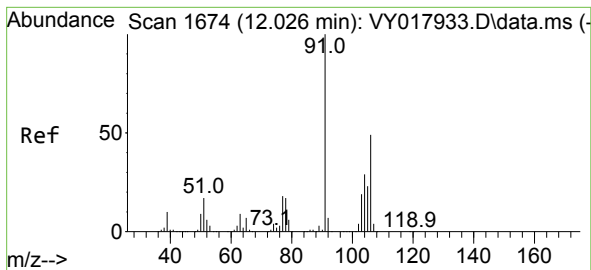
Tgt Ion:106 Resp: 894037

Ion Ratio Lower Upper

106 100

91 195.1 156.0 234.0





#69

o-Xylene

Concen: 61.348 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018041.D

Acq: 25 Apr 2024 10:54

Instrument :

MSVOA_Y

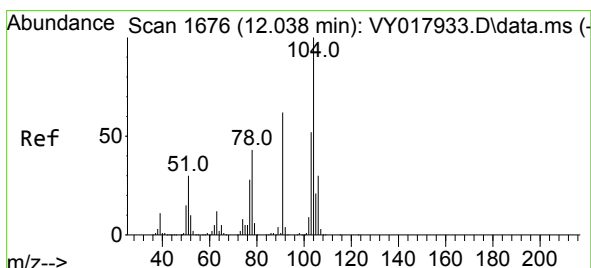
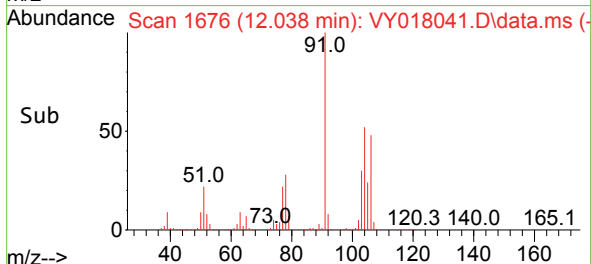
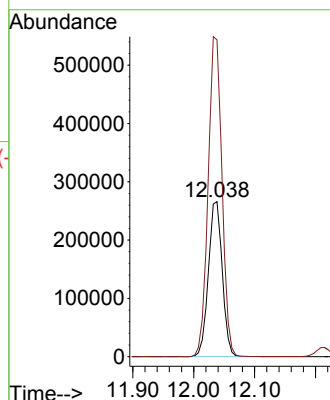
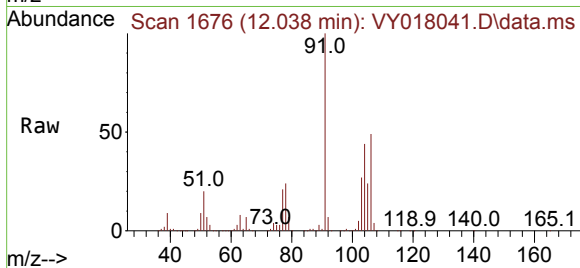
ClientSampleId :

Tgt Ion:106 Resp: 419890

Ion Ratio Lower Upper

106 100

91 206.4 103.6 310.8



#70

Styrene

Concen: 61.781 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.006 min

Lab File: VY018041.D

Acq: 25 Apr 2024 10:54

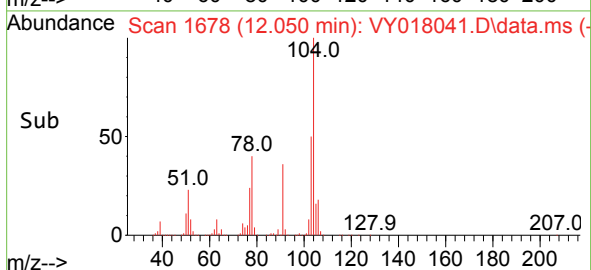
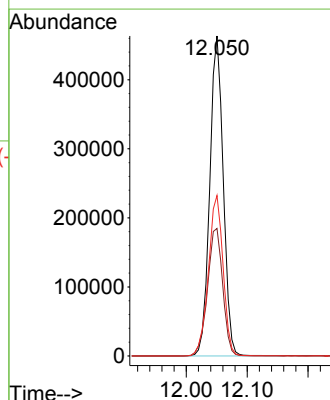
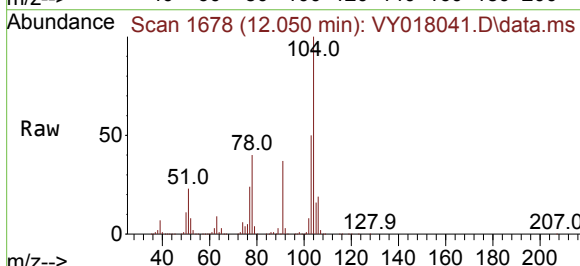
Tgt Ion:104 Resp: 714673

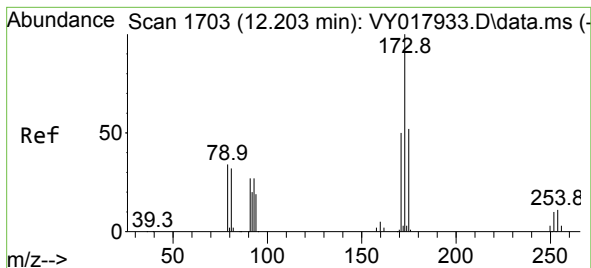
Ion Ratio Lower Upper

104 100

78 44.9 37.0 55.4

103 54.6 44.2 66.2





#71

Bromoform

Concen: 55.589 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018041.D

Acq: 25 Apr 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

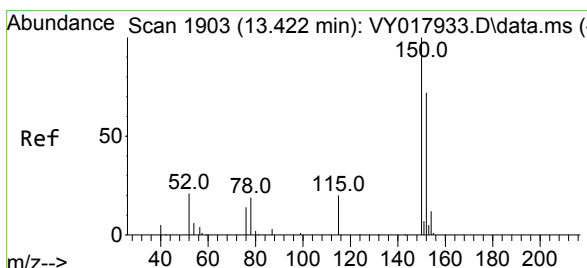
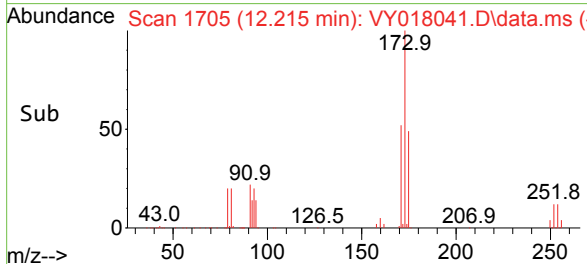
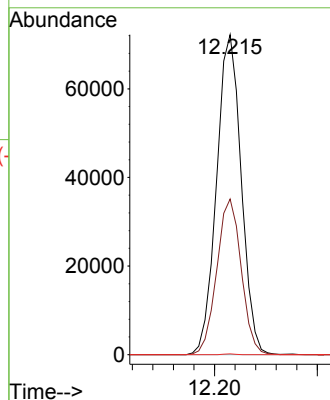
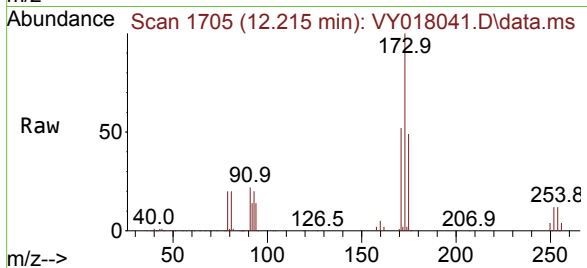
Tgt Ion:173 Resp: 120022

Ion Ratio Lower Upper

173 100

175 48.3 25.1 75.3

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY018041.D

Acq: 25 Apr 2024 10:54

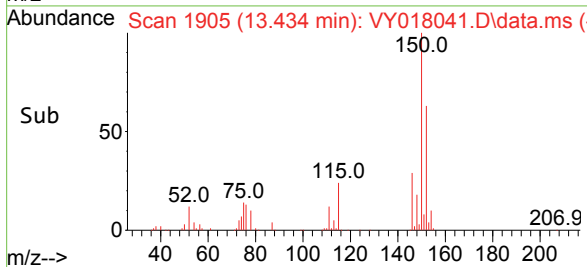
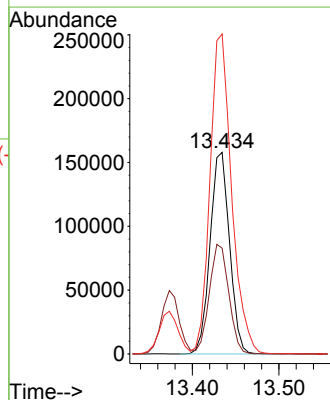
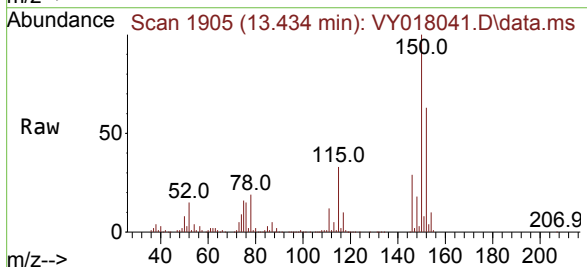
Tgt Ion:152 Resp: 246374

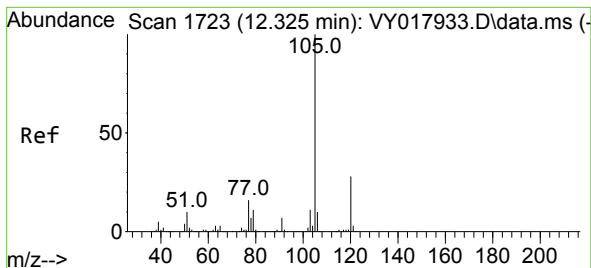
Ion Ratio Lower Upper

152 100

115 54.0 28.2 84.7

150 176.4 0.0 345.6





#73

Isopropylbenzene

Concen: 61.261 ug/l

RT: 12.337 min Scan# 1725

Delta R.T. 0.006 min

Lab File: VY018041.D

Acq: 25 Apr 2024 10:54

Instrument :

MSVOA_Y

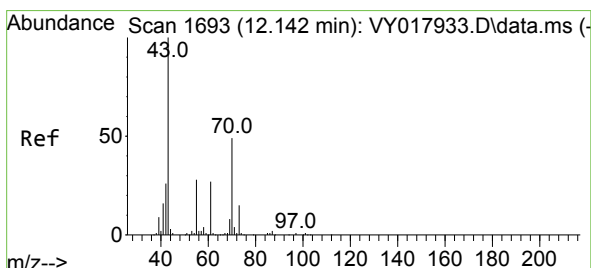
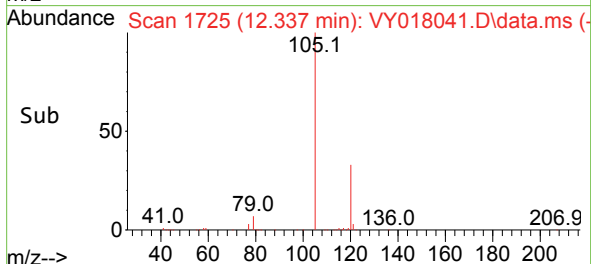
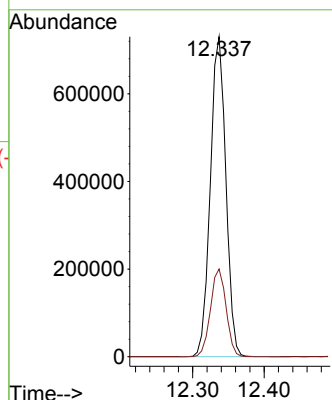
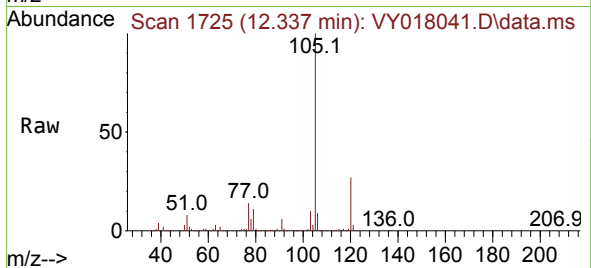
ClientSampleId :

Tgt Ion:105 Resp: 1099767

Ion Ratio Lower Upper

105 100

120 27.5 13.4 40.1



#74

N-ethyl acetate

Concen: 50.859 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY018041.D

Acq: 25 Apr 2024 10:54

Tgt Ion: 43 Resp: 184310

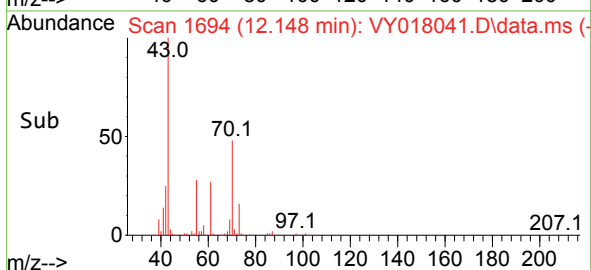
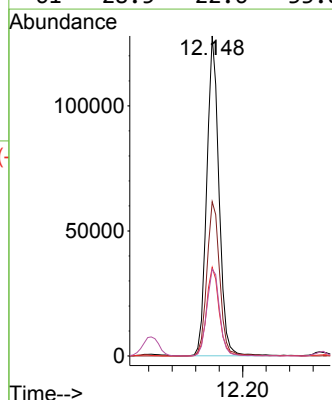
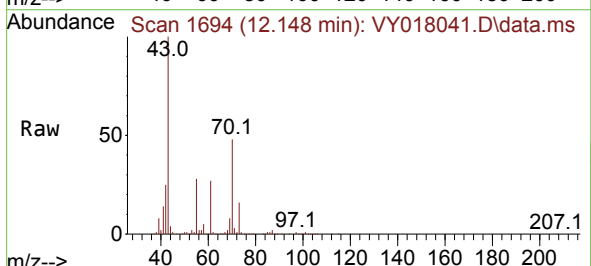
Ion Ratio Lower Upper

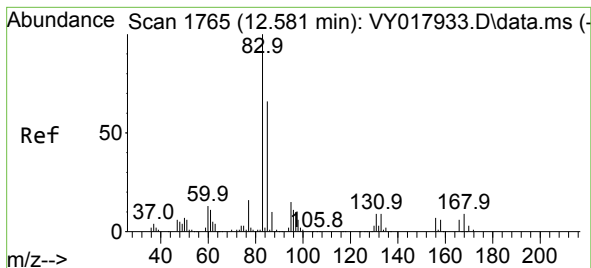
43 100

70 50.9 41.4 62.2

55 29.0 23.3 34.9

61 28.5 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 50.488 ug/l

RT: 12.587 min Scan# 1765

Delta R.T. 0.006 min

Lab File: VY018041.D

Acq: 25 Apr 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

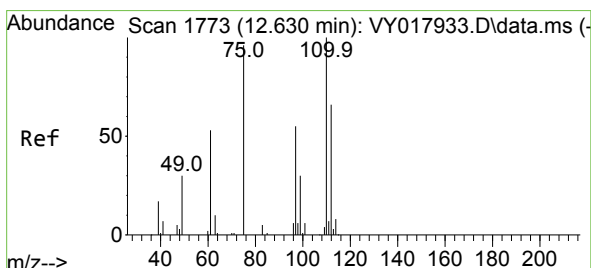
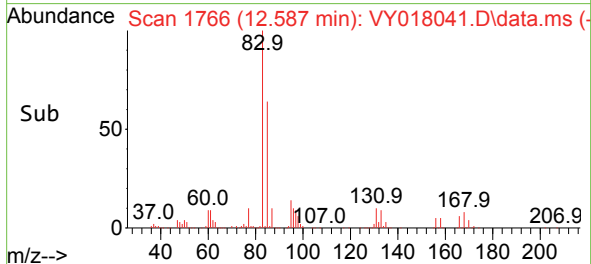
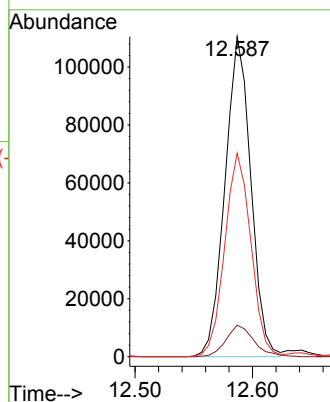
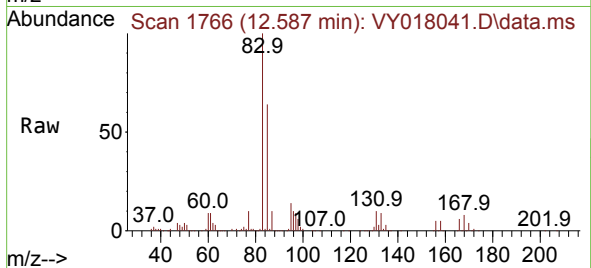
Tgt Ion: 83 Resp: 169042

Ion Ratio Lower Upper

83 100

131 10.6 5.0 14.9

85 64.5 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 90.094 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY018041.D

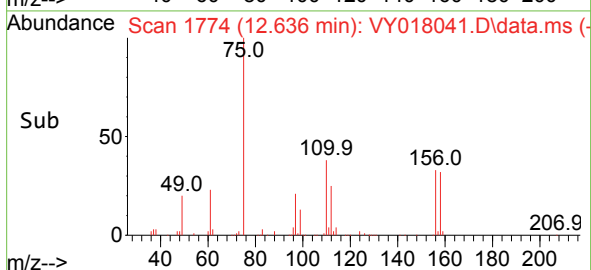
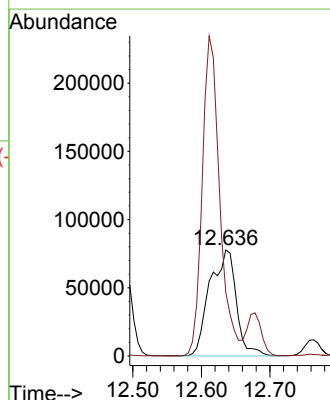
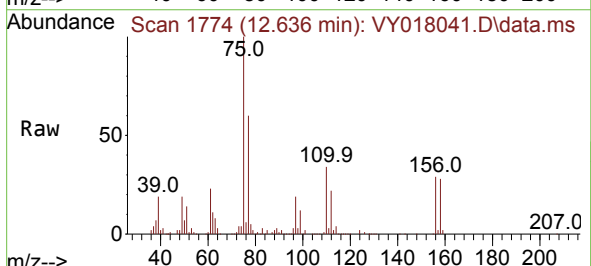
Acq: 25 Apr 2024 10:54

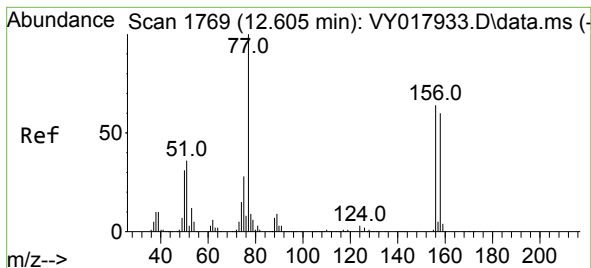
Tgt Ion: 75 Resp: 208293

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 59.283 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY018041.D

Acq: 25 Apr 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

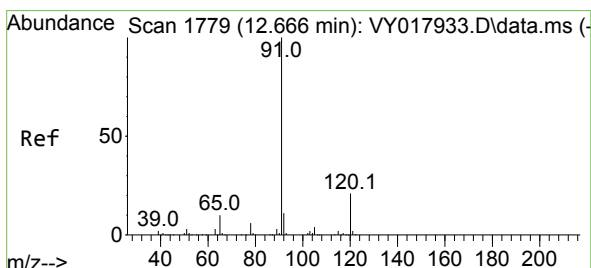
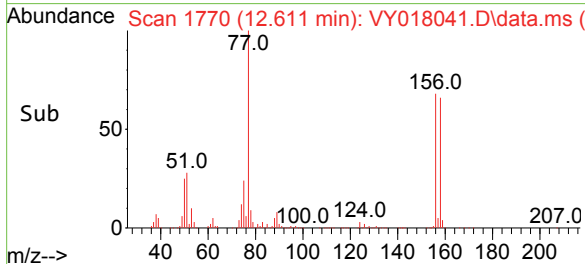
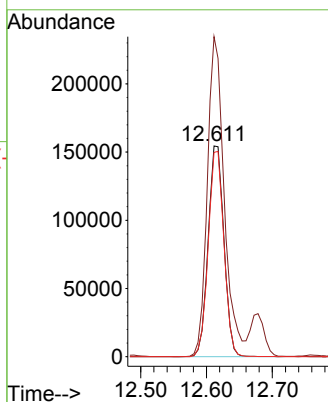
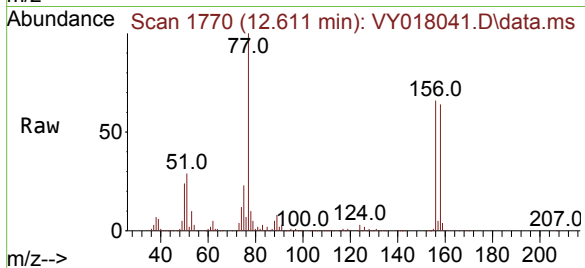
Tgt Ion:156 Resp: 257552

Ion Ratio Lower Upper

156 100

77 161.7 87.1 261.3

158 97.1 48.6 145.9



#78

n-propylbenzene

Concen: 60.276 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.006 min

Lab File: VY018041.D

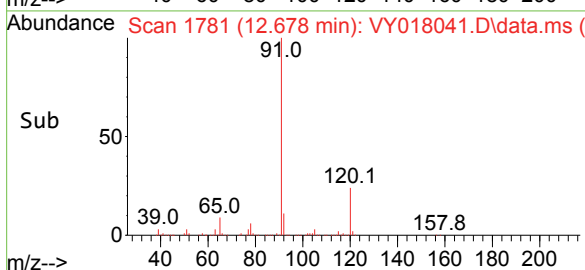
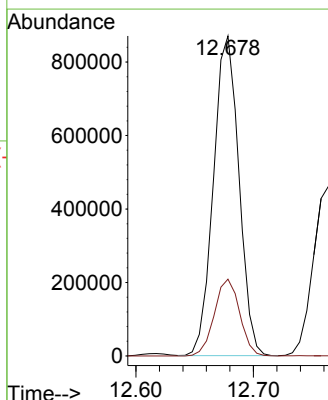
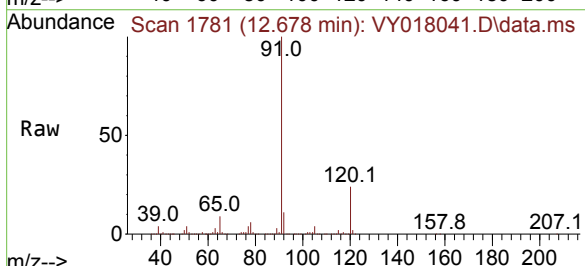
Acq: 25 Apr 2024 10:54

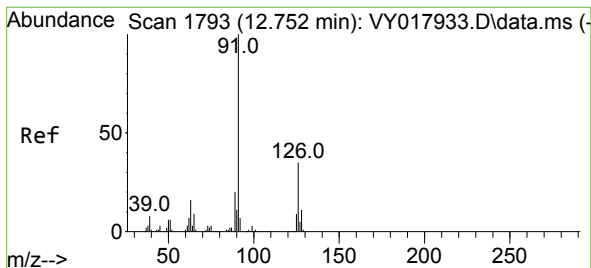
Tgt Ion: 91 Resp: 1312915

Ion Ratio Lower Upper

91 100

120 23.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 59.117 ug/l

RT: 12.764 min Scan# 1793

Delta R.T. 0.006 min

Lab File: VY018041.D

Acq: 25 Apr 2024 10:54

Instrument :

MSVOA_Y

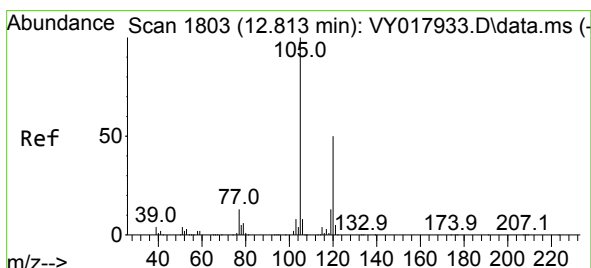
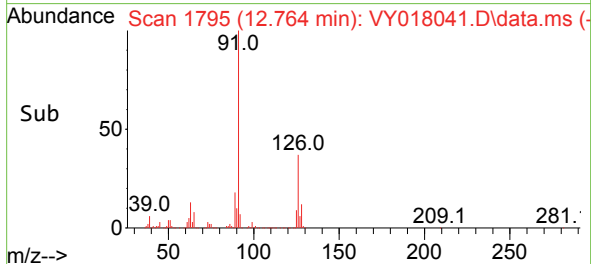
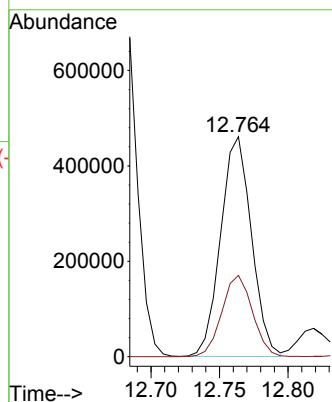
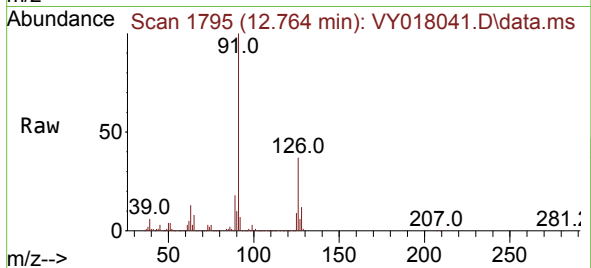
ClientSampleId :

Tgt Ion: 91 Resp: 720730

Ion Ratio Lower Upper

91 100

126 36.7 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 60.467 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. 0.006 min

Lab File: VY018041.D

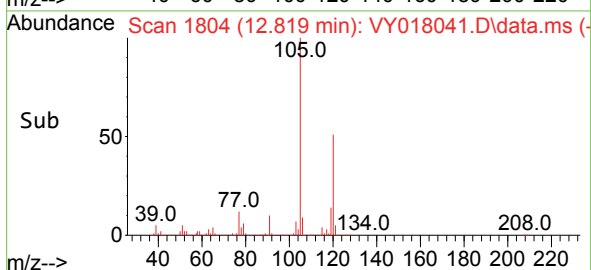
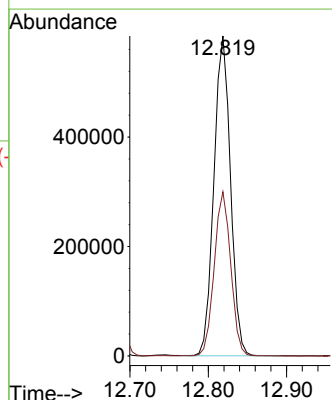
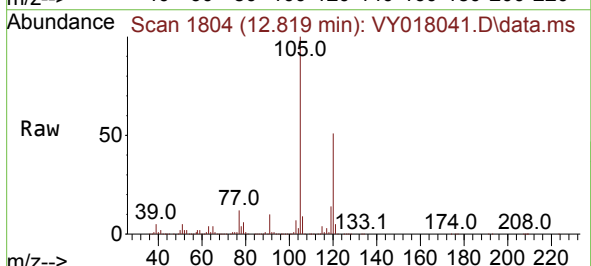
Acq: 25 Apr 2024 10:54

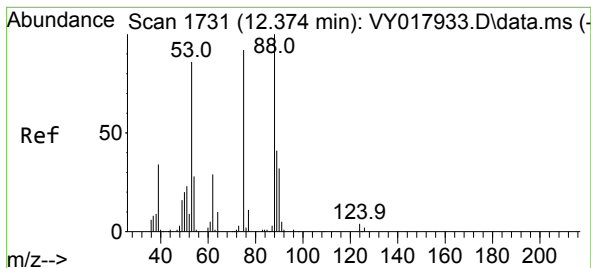
Tgt Ion: 105 Resp: 860747

Ion Ratio Lower Upper

105 100

120 51.1 25.1 75.2

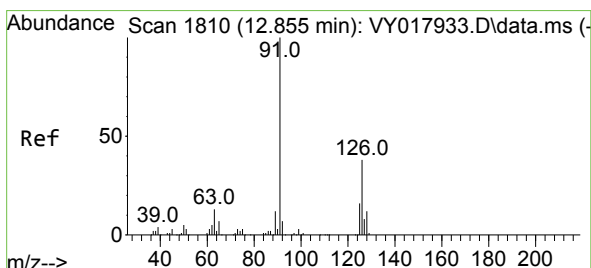
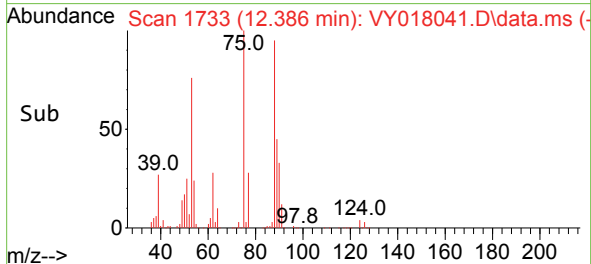
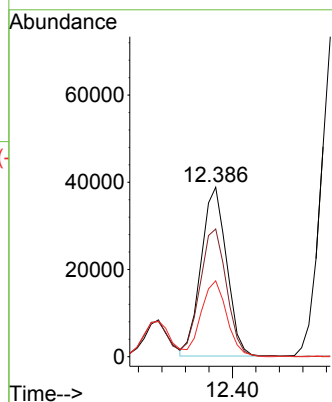
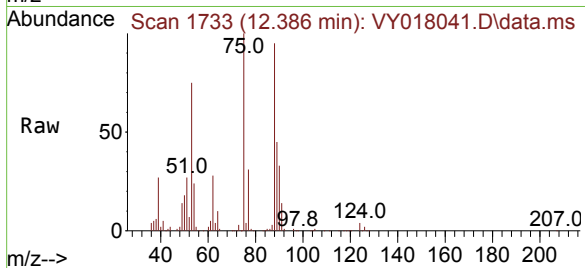




#81
trans-1,4-Dichloro-2-butene
Concen: 52.281 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.006 min
Lab File: VY018041.D
Acq: 25 Apr 2024 10:54

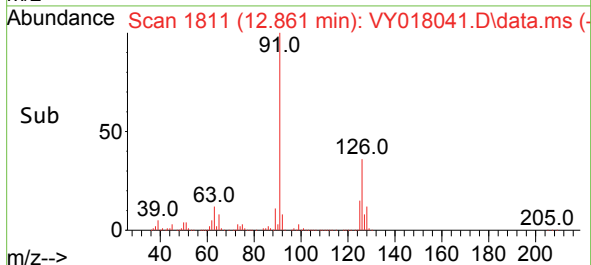
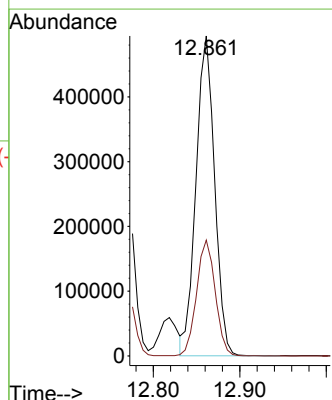
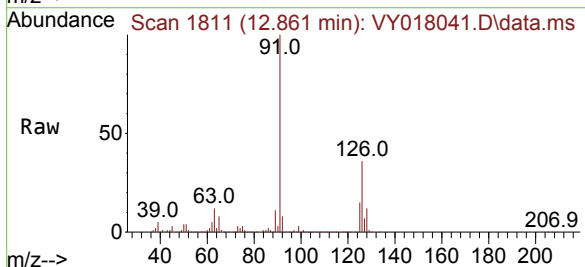
Instrument :
MSVOA_Y
ClientSampleId :

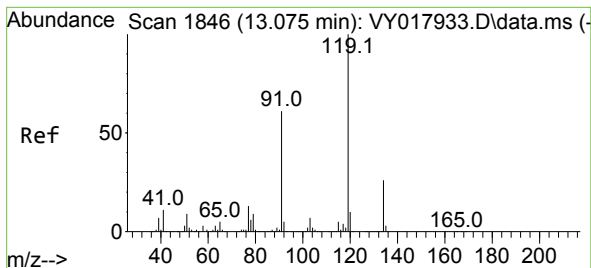
Tgt Ion: 75 Resp: 58623
Ion Ratio Lower Upper
75 100
53 78.9 66.8 100.2
89 44.5 35.8 53.6



#82
4-Chlorotoluene
Concen: 58.281 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY018041.D
Acq: 25 Apr 2024 10:54

Tgt Ion: 91 Resp: 735900
Ion Ratio Lower Upper
91 100
126 36.5 17.6 52.9





#83

tert-Butylbenzene

Concen: 61.845 ug/l

RT: 13.081 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018041.D

Acq: 25 Apr 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

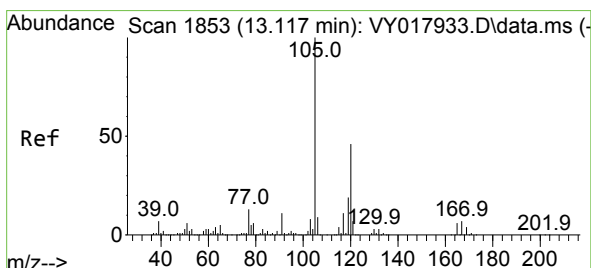
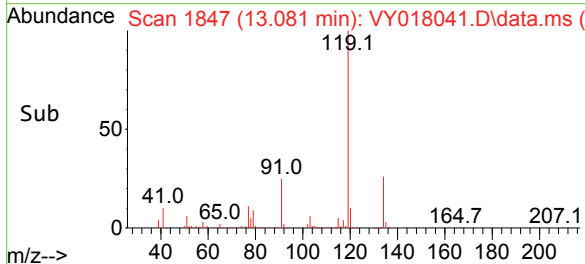
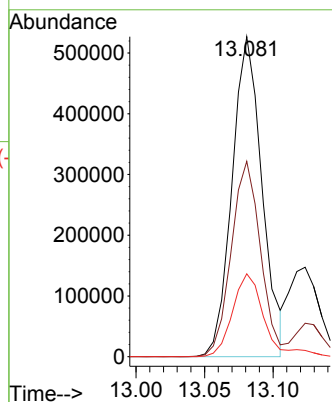
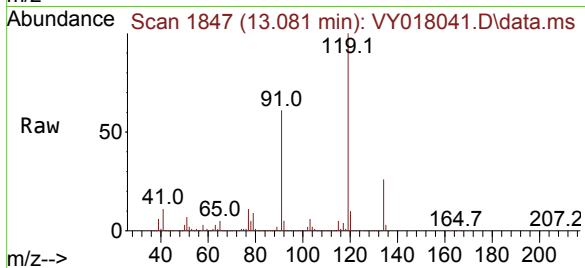
Tgt Ion:119 Resp: 804081

Ion Ratio Lower Upper

119 100

91 59.2 31.3 93.8

134 27.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 59.916 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY018041.D

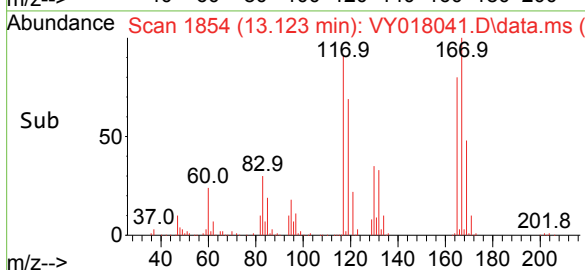
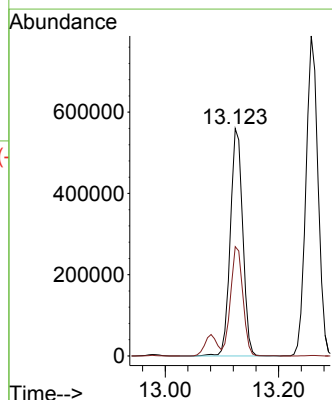
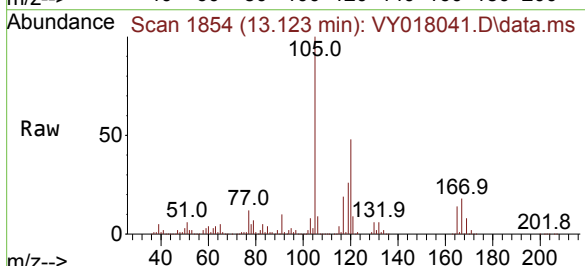
Acq: 25 Apr 2024 10:54

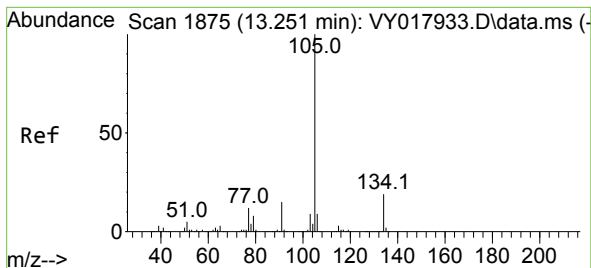
Tgt Ion:105 Resp: 849367

Ion Ratio Lower Upper

105 100

120 47.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 59.729 ug/l

RT: 13.258 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY018041.D

Acq: 25 Apr 2024 10:54

Instrument :

MSVOA_Y

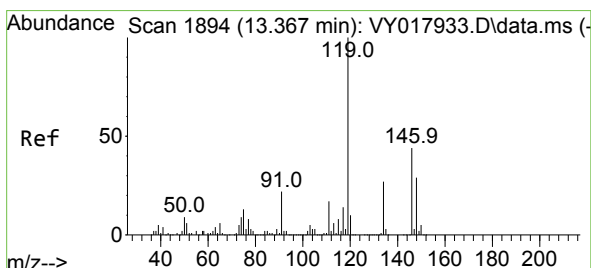
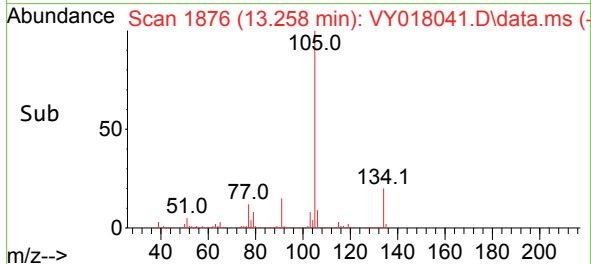
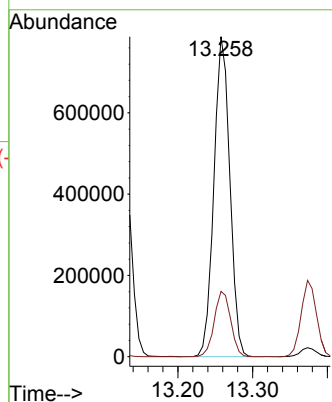
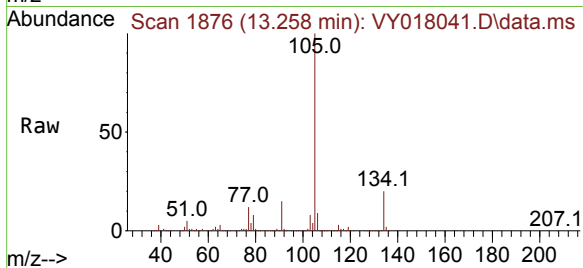
ClientSampleId :

Tgt Ion:105 Resp: 1166418

Ion Ratio Lower Upper

105 100

134 21.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 60.520 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY018041.D

Acq: 25 Apr 2024 10:54

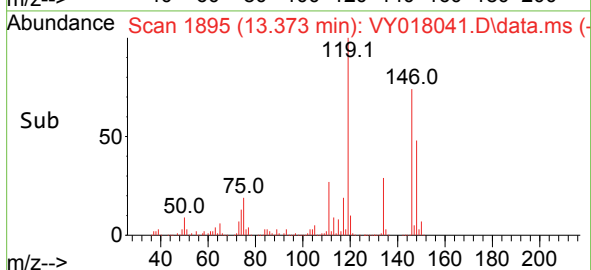
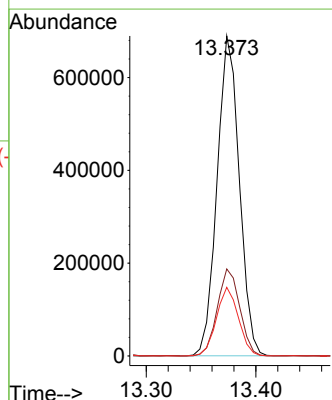
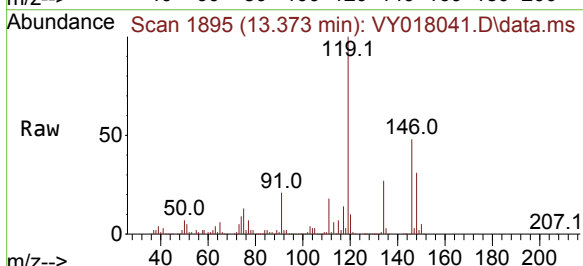
Tgt Ion:119 Resp: 971138

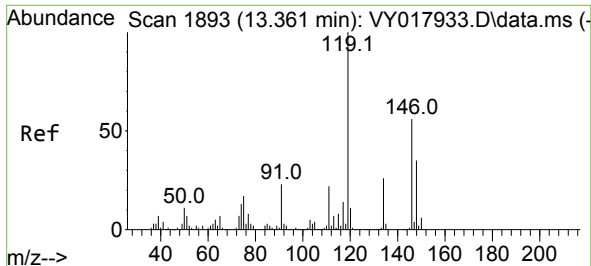
Ion Ratio Lower Upper

119 100

134 27.4 13.1 39.3

91 21.2 10.7 32.1

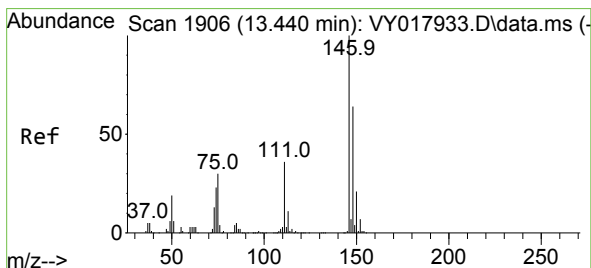
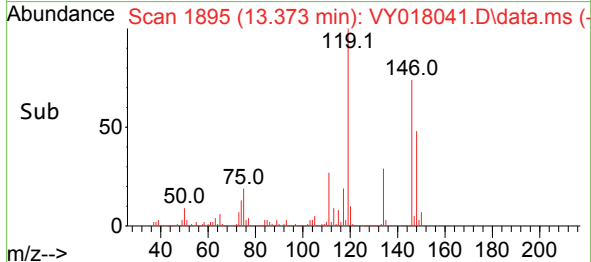
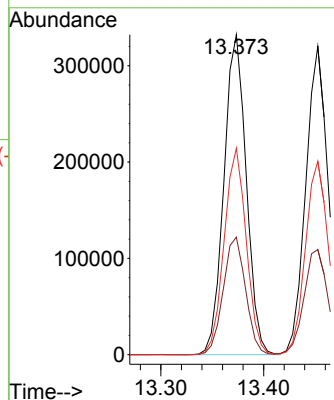
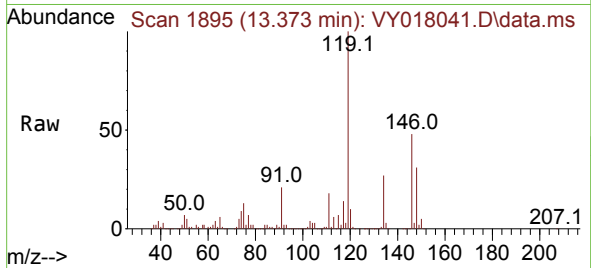




#87
1,3-Dichlorobenzene
Concen: 58.195 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY018041.D
Acq: 25 Apr 2024 10:54

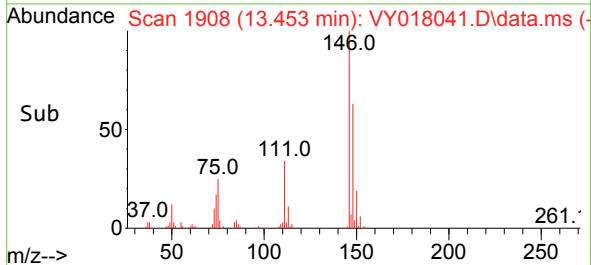
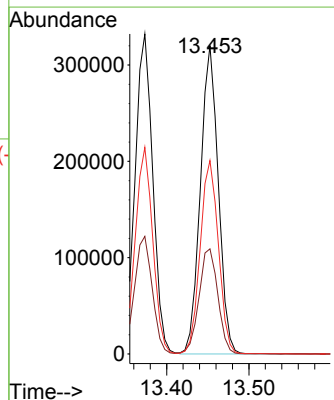
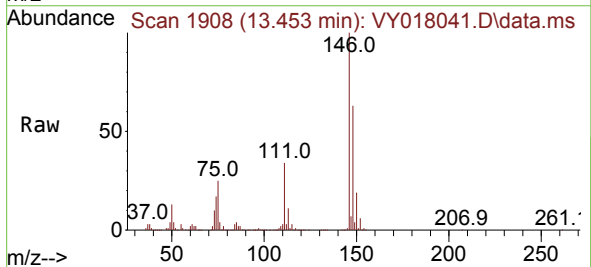
Instrument :
MSVOA_Y
ClientSampleId :

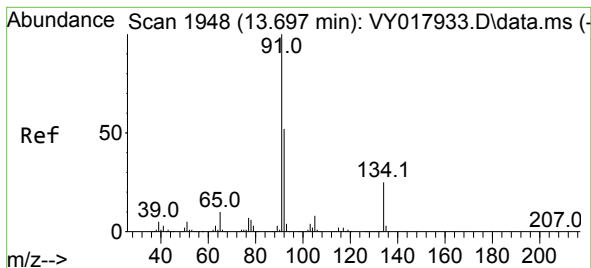
Tgt Ion:146 Resp: 501630
Ion Ratio Lower Upper
146 100
111 36.9 19.0 57.0
148 63.9 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 57.129 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY018041.D
Acq: 25 Apr 2024 10:54

Tgt Ion:146 Resp: 483421
Ion Ratio Lower Upper
146 100
111 35.9 18.4 55.4
148 64.0 32.4 97.2





#89

n-Butylbenzene

Concen: 58.611 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY018041.D

Acq: 25 Apr 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

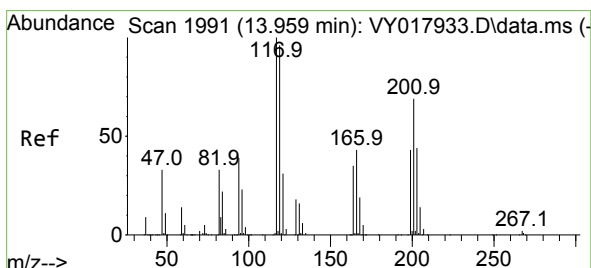
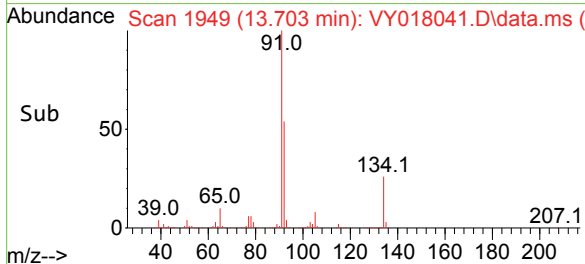
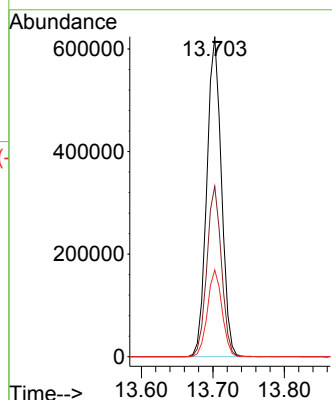
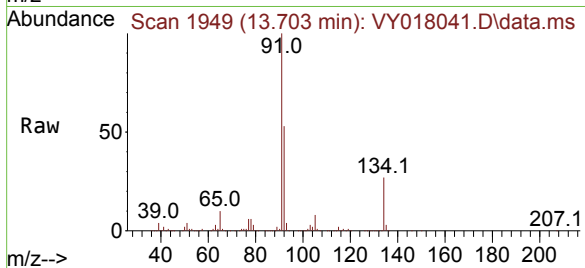
Tgt Ion: 91 Resp: 884810

Ion Ratio Lower Upper

91 100

92 53.1 26.6 79.7

134 27.0 12.9 38.7



#90

Hexachloroethane

Concen: 58.631 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY018041.D

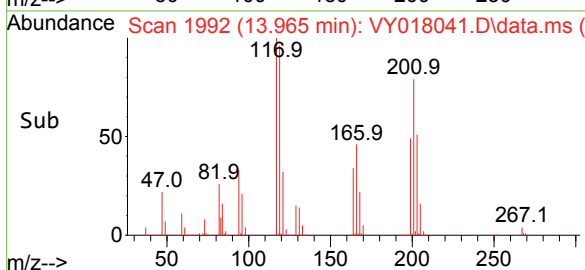
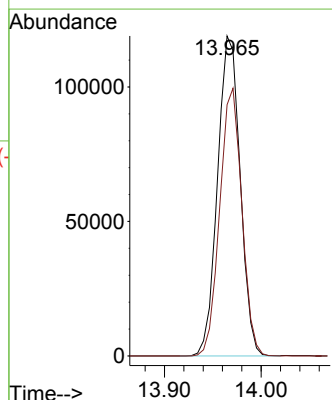
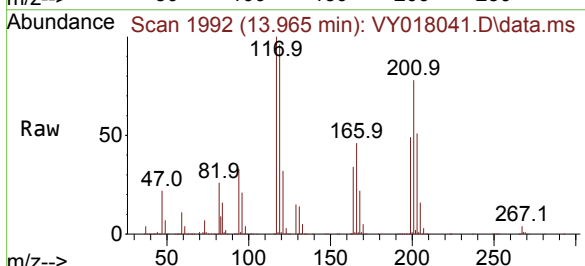
Acq: 25 Apr 2024 10:54

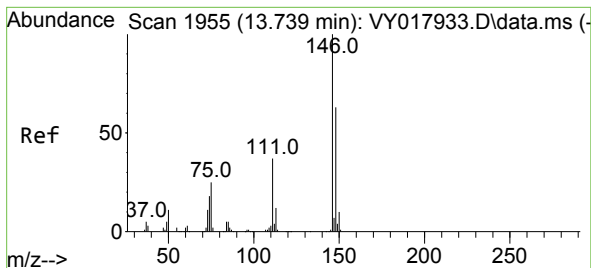
Tgt Ion: 117 Resp: 192920

Ion Ratio Lower Upper

117 100

201 81.6 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 57.265 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VY018041.D

Acq: 25 Apr 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

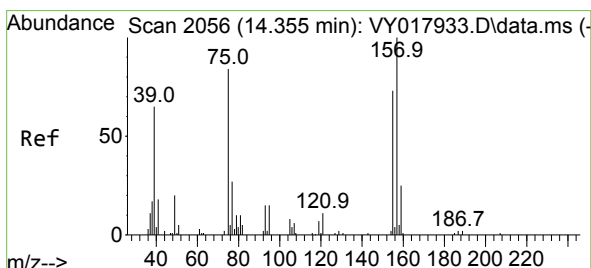
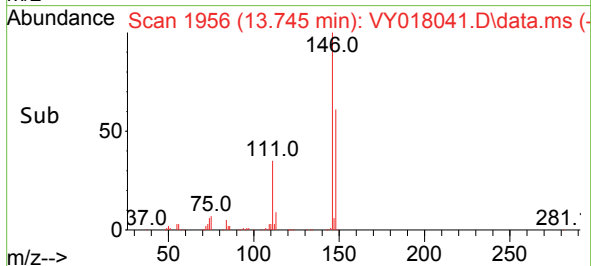
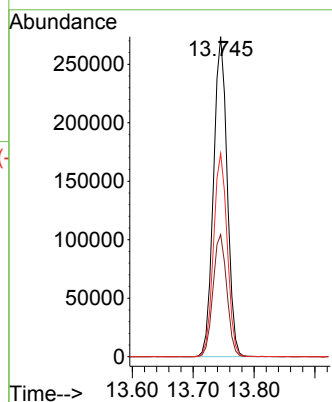
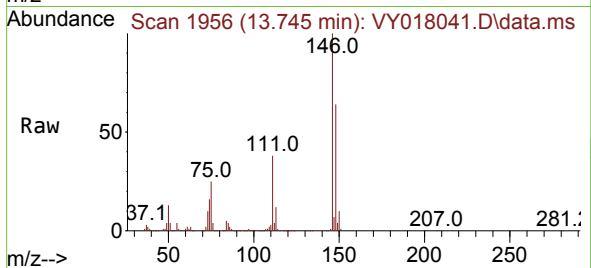
Tgt Ion:146 Resp: 425856

Ion Ratio Lower Upper

146 100

111 38.5 19.9 59.7

148 63.6 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.692 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY018041.D

Acq: 25 Apr 2024 10:54

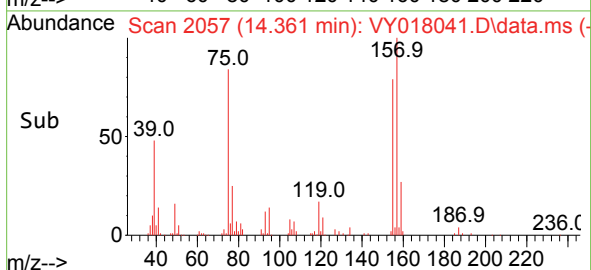
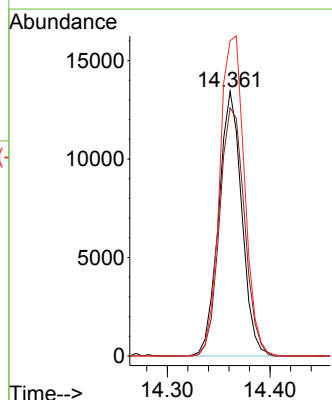
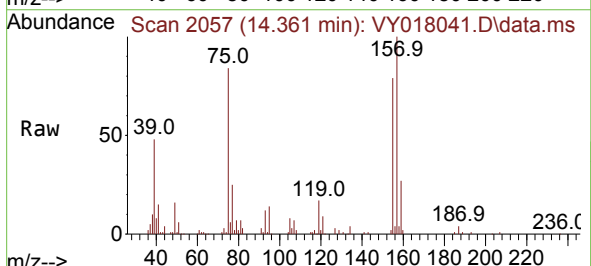
Tgt Ion: 75 Resp: 20970

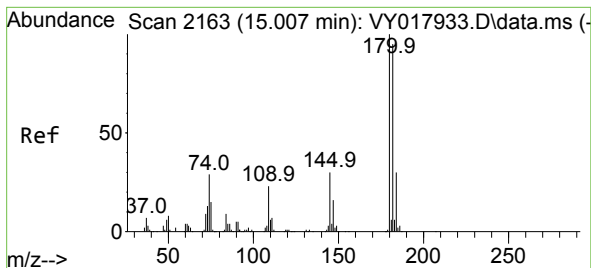
Ion Ratio Lower Upper

75 100

155 100.4 48.6 145.8

157 129.4 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 54.878 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY018041.D

Acq: 25 Apr 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

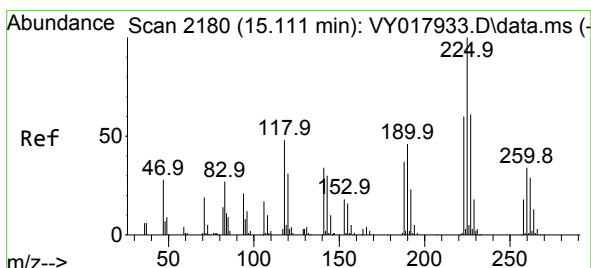
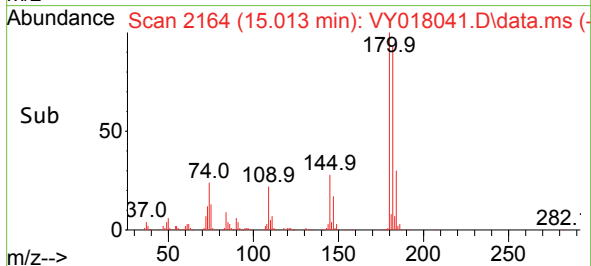
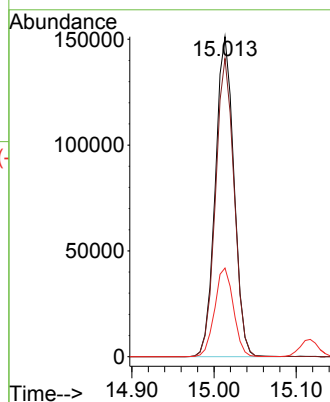
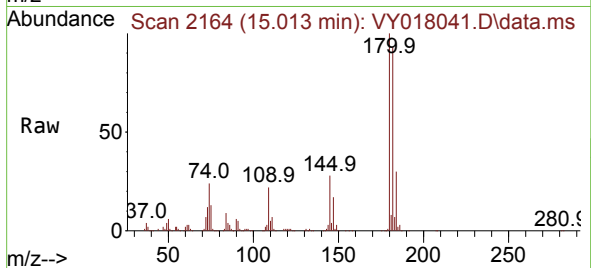
Tgt Ion:180 Resp: 237658

Ion Ratio Lower Upper

180 100

182 93.2 47.9 143.8

145 28.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 55.234 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY018041.D

Acq: 25 Apr 2024 10:54

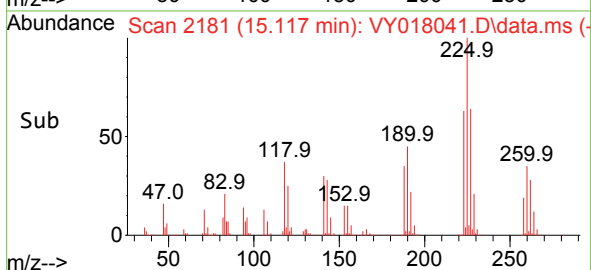
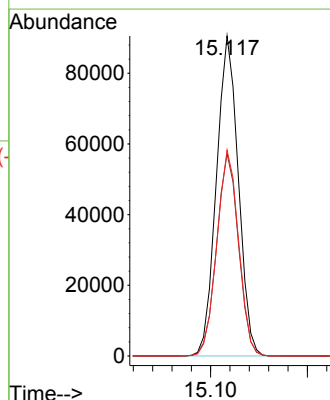
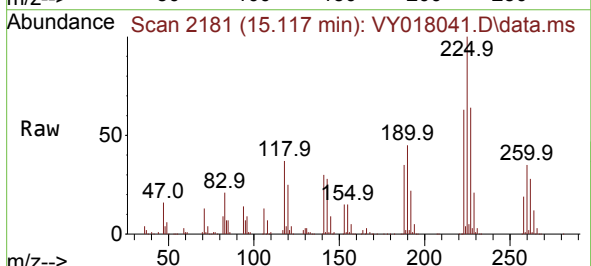
Tgt Ion:225 Resp: 141901

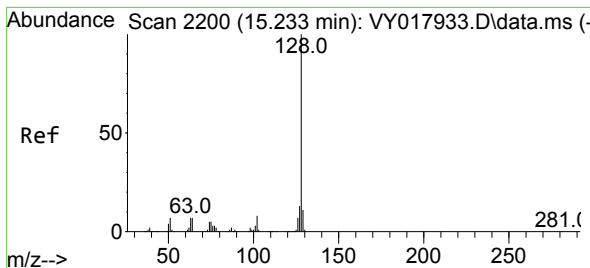
Ion Ratio Lower Upper

225 100

223 63.2 30.4 91.2

227 64.0 31.9 95.9





#95

Naphthalene

Concen: 52.654 ug/l

RT: 15.239 min Scan# 2200

Delta R.T. 0.006 min

Lab File: VY018041.D

Acq: 25 Apr 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

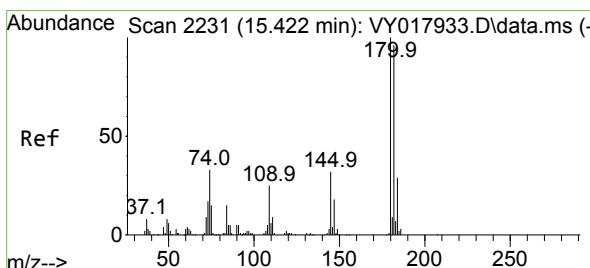
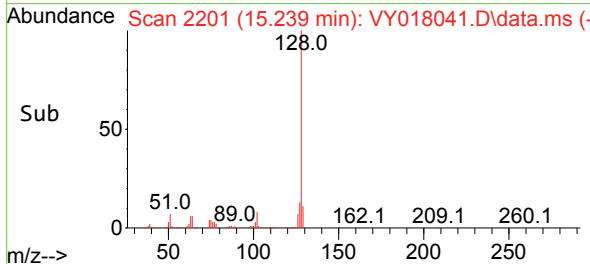
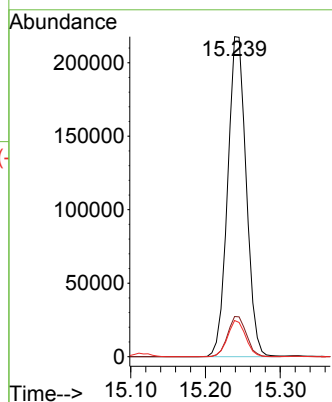
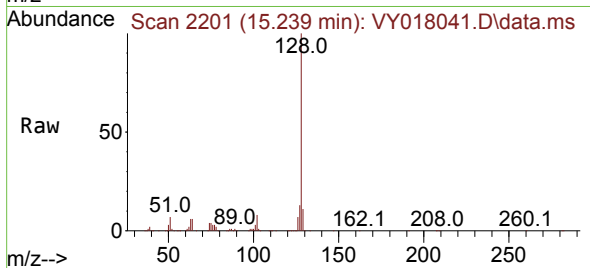
Tgt Ion:128 Resp: 375763

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 53.774 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY018041.D

Acq: 25 Apr 2024 10:54

Tgt Ion:180 Resp: 195405

Ion Ratio Lower Upper

180 100

182 94.1 47.6 142.9

145 29.3 15.4 46.1

