

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061124\
 Data File : VY018554.D
 Acq On : 11 Jun 2024 13:38
 Operator : SY/MD
 Sample : VY0611SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 12 02:58:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

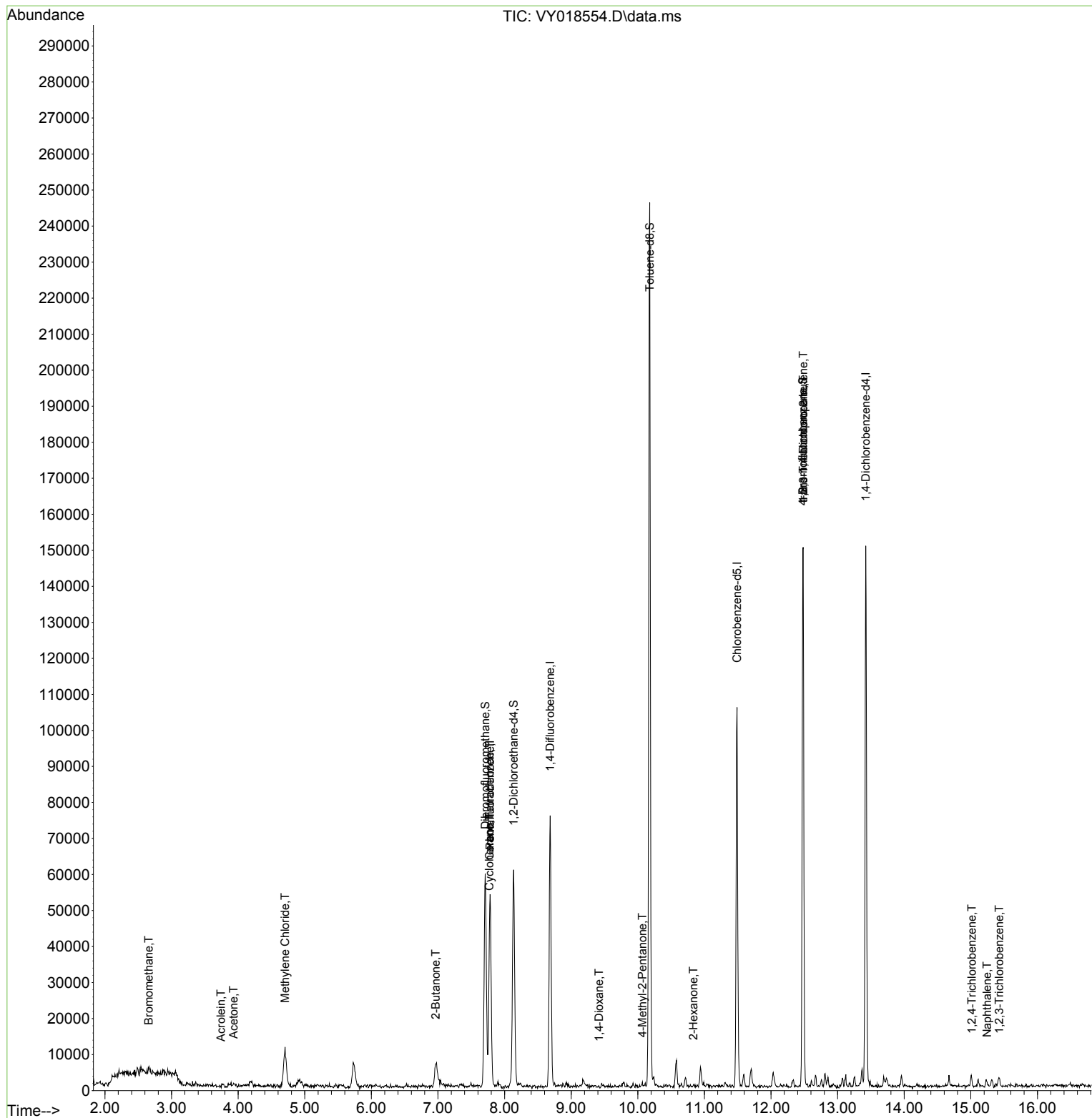
Internal Standards						
1) Pentafluorobenzene	7.783	168	37470	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	61110	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	52975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	34248	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	42361	57.567	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.140%
35) Dibromofluoromethane	7.710	113	40241	51.929	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.860%
50) Toluene-d8	10.179	98	153866	49.911	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.820%
62) 4-Bromofluorobenzene	12.477	95	44997	46.879	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.760%
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	907	1.024	ug/l #	73
11) Tert butyl alcohol	4.924	59	1356	Below Cal		99
13) Acrolein	3.741	56	90	1.195	ug/l #	52
16) Acetone	3.930	43	1153	7.060	ug/l	91
20) Methylene Chloride	4.704	84	6812	4.603	ug/l #	78
25) 2-Butanone	6.966	43	323	1.291	ug/l #	41
31) Cyclohexane	7.771	56	1431	1.043	ug/l #	66
38) Carbon Tetrachloride	7.777	117	4108	3.469	ug/l #	16
49) 1,4-Dioxane	9.417	88	26	4.265	ug/l #	80
51) 4-Methyl-2-Pentanone	10.069	43	713	1.244	ug/l #	31
59) 2-Hexanone	10.837	43	521	1.316	ug/l	98
76) 1,2,3-Trichloropropane	12.483	75	25872	60.921	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	25872	127.992	ug/l #	16
93) 1,2,4-Trichlorobenzene	15.013	180	704	1.011	ug/l #	81
95) Naphthalene	15.245	128	1445	1.033	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.428	180	808	1.371	ug/l	88

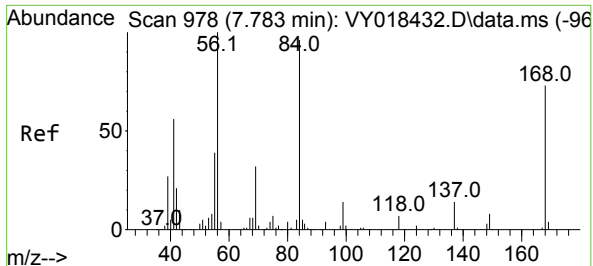
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061124\
Data File : VY018554.D
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Operator : SY/MD
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
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MSVOA_Y
ClientSampleId :

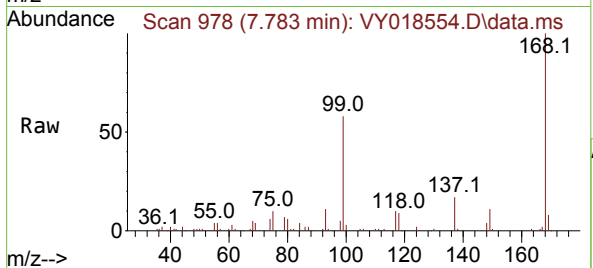
Quant Time: Jun 12 02:58:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 07:11:56 2024
Response via : Initial Calibration



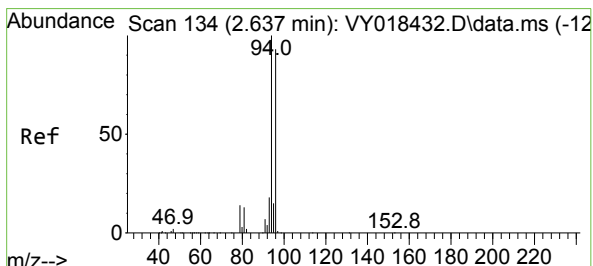
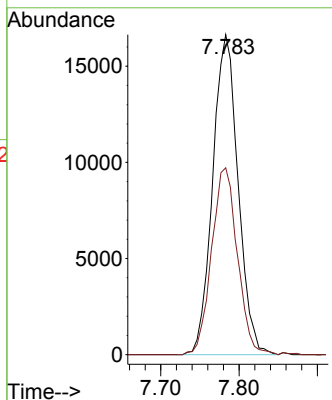
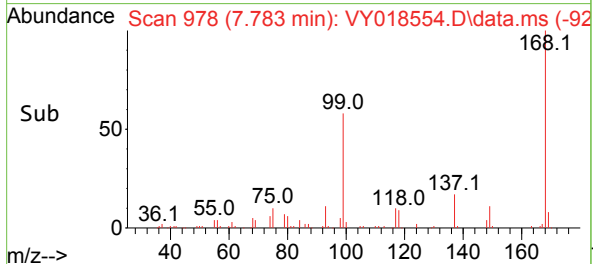


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018554.D
Acq: 11 Jun 2024 13:38

Instrument :
MSVOA_Y
ClientSampleId :

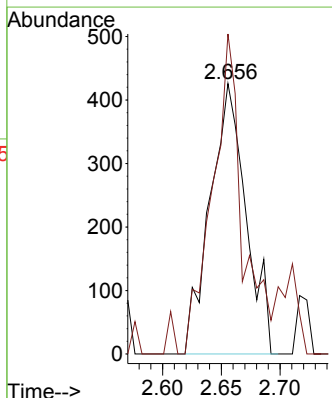
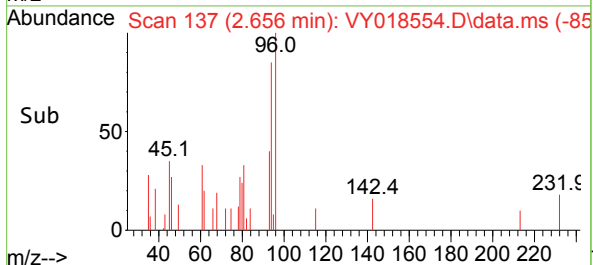
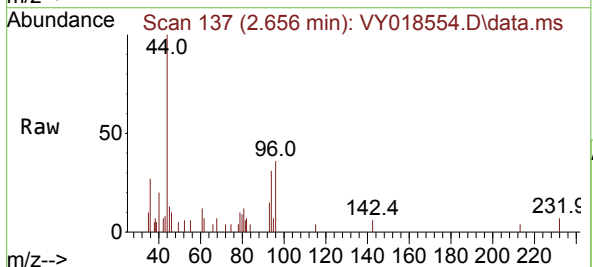


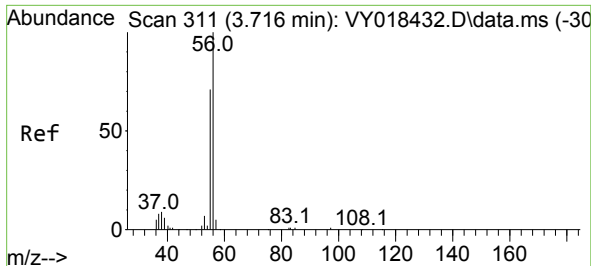
Tgt Ion:168 Resp: 37470
Ion Ratio Lower Upper
168 100
99 58.4 39.1 58.7



#5
Bromomethane
Concen: 1.024 ug/l
RT: 2.656 min Scan# 137
Delta R.T. 0.018 min
Lab File: VY018554.D
Acq: 11 Jun 2024 13:38

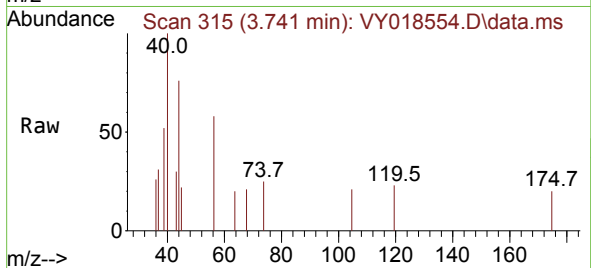
Tgt Ion: 94 Resp: 907
Ion Ratio Lower Upper
94 100
96 118.3 74.1 111.1#



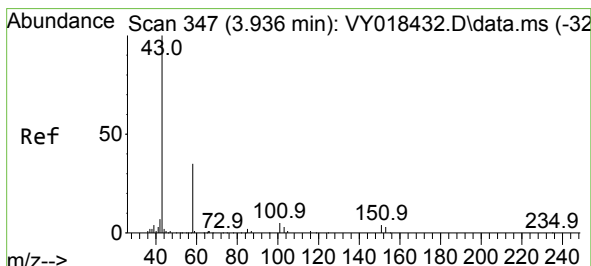
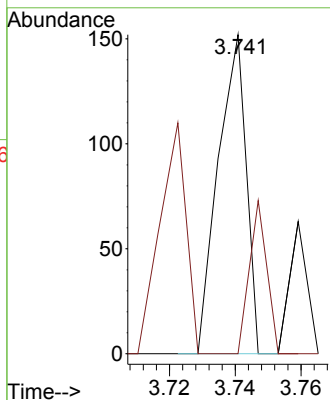
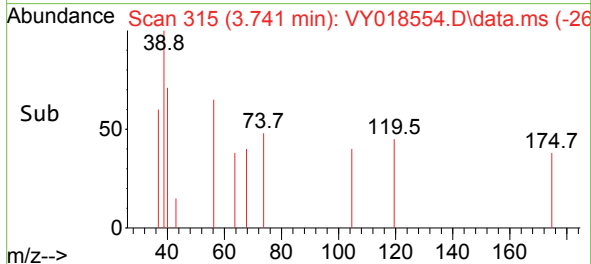


#13
Acrolein
Concen: 1.195 ug/l
RT: 3.741 min Scan# 311
Delta R.T. 0.025 min
Lab File: VY018554.D
Acq: 11 Jun 2024 13:38

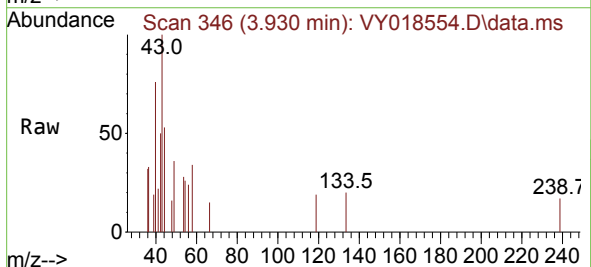
Instrument :
MSVOA_Y
ClientSampleId :



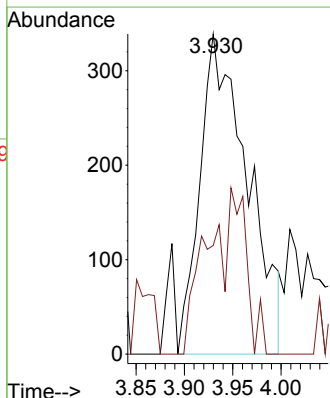
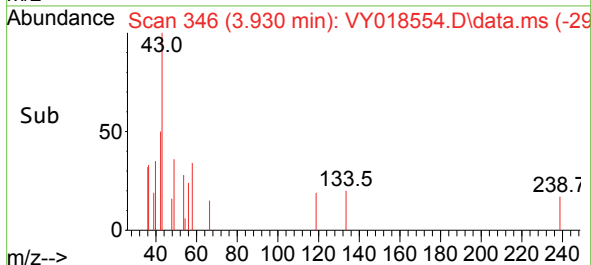
Tgt Ion: 56 Resp: 90
Ion Ratio Lower Upper
56 100
55 30.0 55.7 83.5#

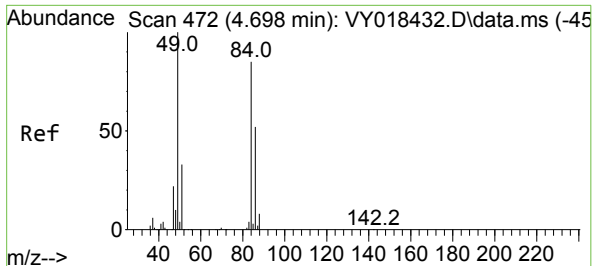


#16
Acetone
Concen: 7.060 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY018554.D
Acq: 11 Jun 2024 13:38



Tgt Ion: 43 Resp: 1153
Ion Ratio Lower Upper
43 100
58 33.9 31.7 47.5

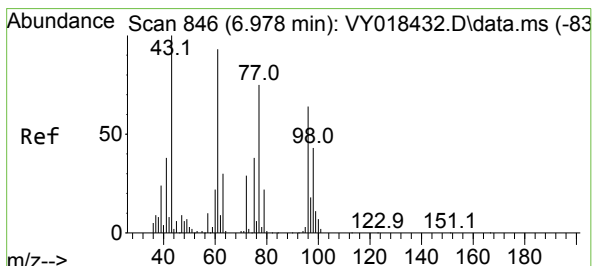
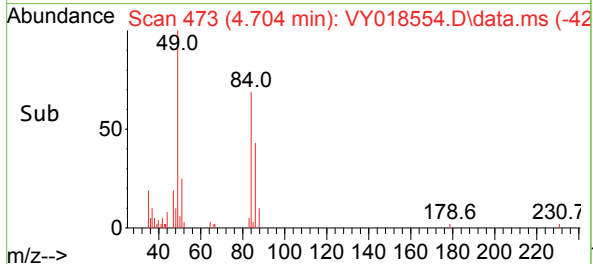
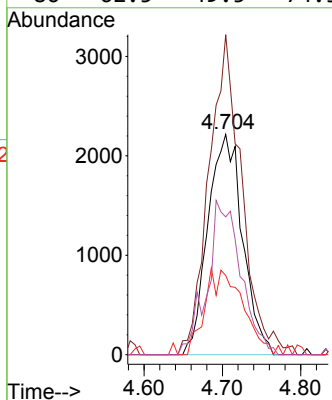
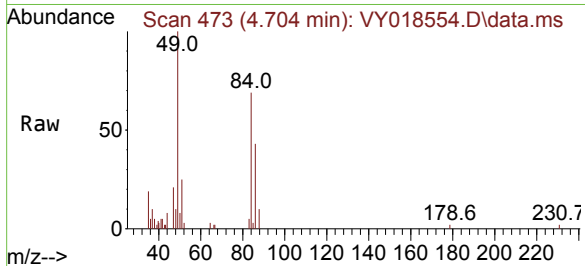




#20
Methylene Chloride
Concen: 4.603 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY018554.D
Acq: 11 Jun 2024 13:38

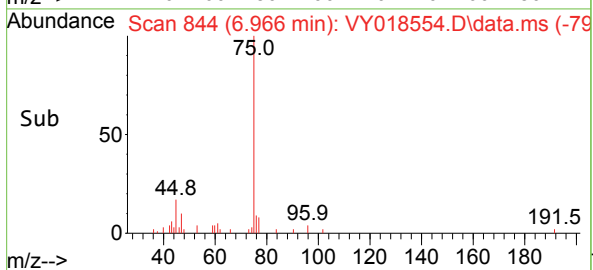
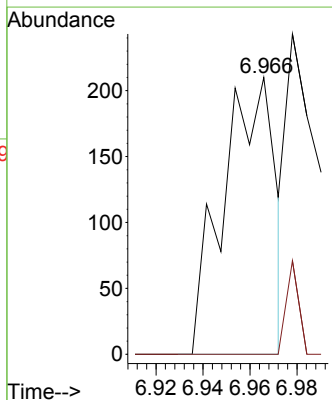
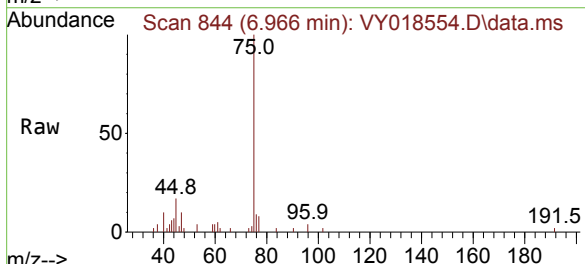
Instrument :
MSVOA_Y
ClientSampleId :

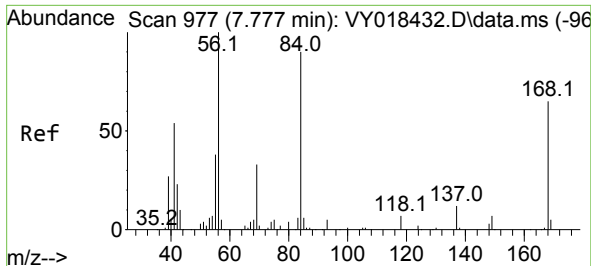
Tgt Ion: 84 Resp: 6812
Ion Ratio Lower Upper
84 100
49 145.2 84.4 126.6#
51 35.9 26.0 39.0
86 62.5 49.5 74.3



#25
2-Butanone
Concen: 1.291 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY018554.D
Acq: 11 Jun 2024 13:38

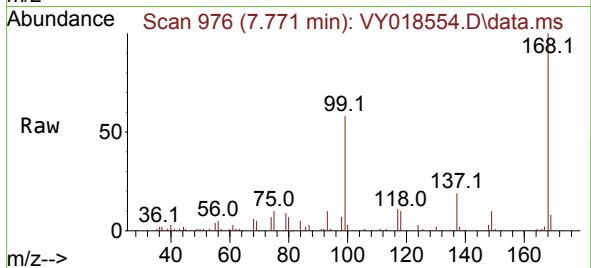
Tgt Ion: 43 Resp: 323
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



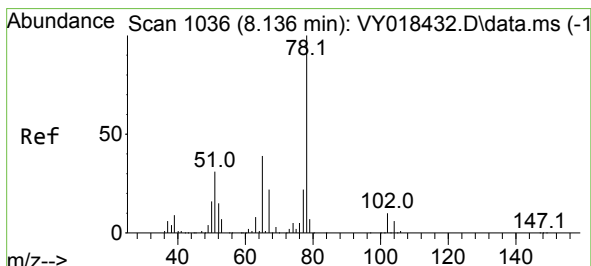
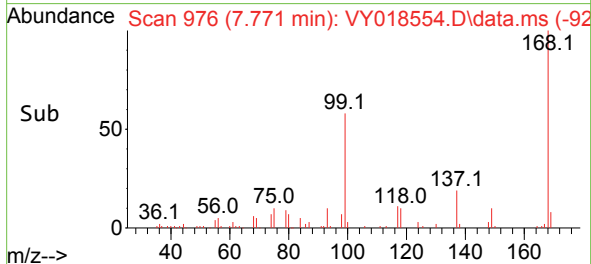
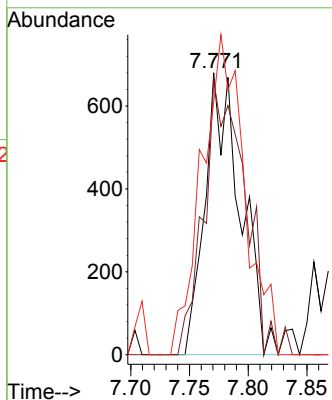


#31
Cyclohexane
Concen: 1.043 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018554.D
Acq: 11 Jun 2024 13:38

Instrument :
MSVOA_Y
ClientSampleId :

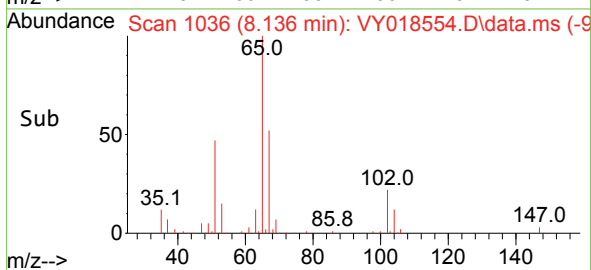
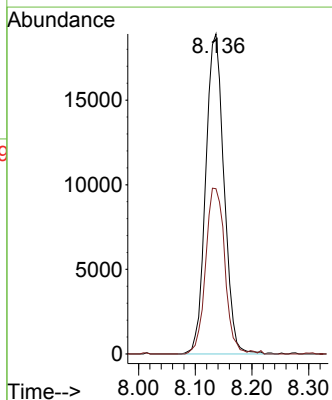
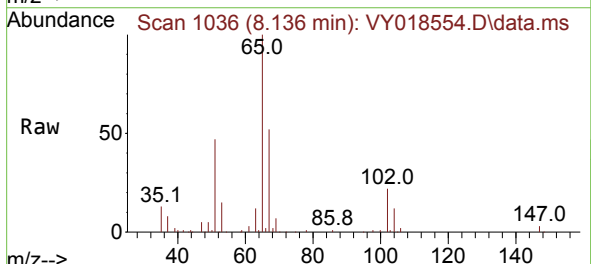


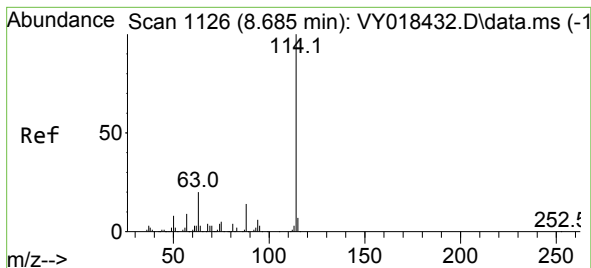
Tgt Ion: 56 Resp: 1431
Ion Ratio Lower Upper
56 100
69 97.2 28.7 43.1#
84 89.7 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 57.567 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY018554.D
Acq: 11 Jun 2024 13:38

Tgt Ion: 65 Resp: 42361
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY018554.D

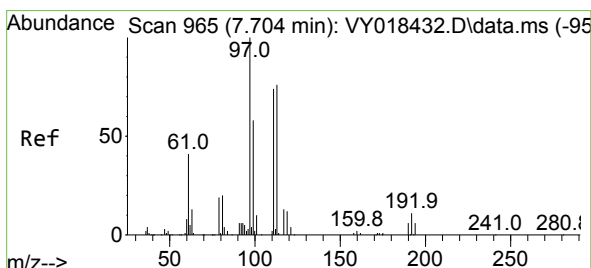
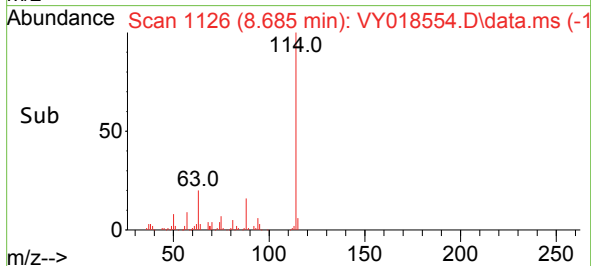
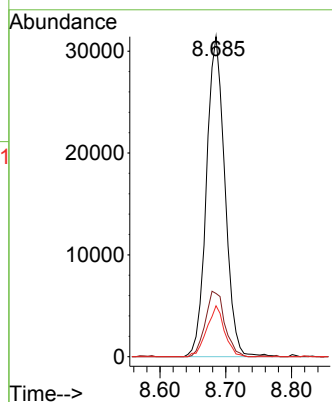
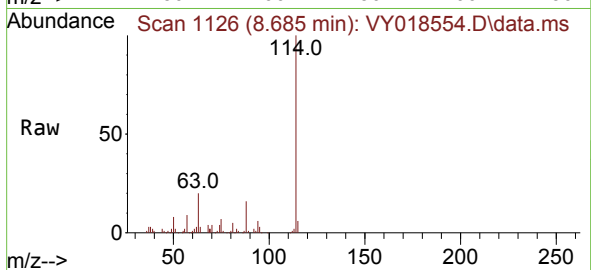
Acq: 11 Jun 2024 13:38

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	61110
Ion Ratio	Lower	Upper
114	100	
63	19.7	0.0 35.0
88	15.9	0.0 27.2



#35

Dibromofluoromethane

Concen: 51.929 ug/l

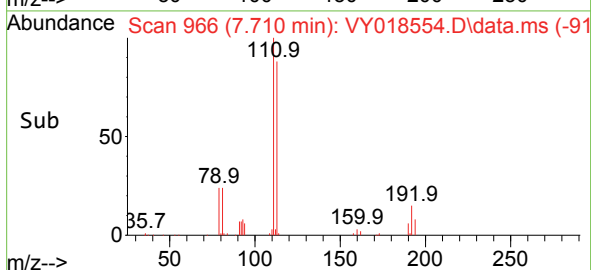
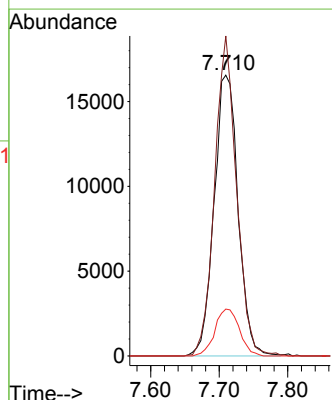
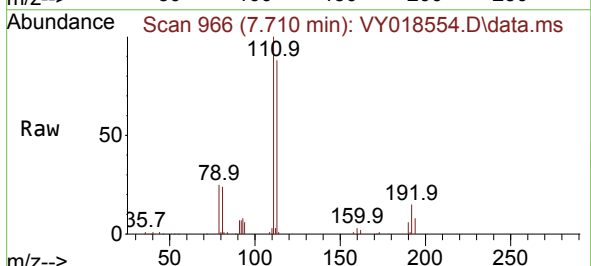
RT: 7.710 min Scan# 966

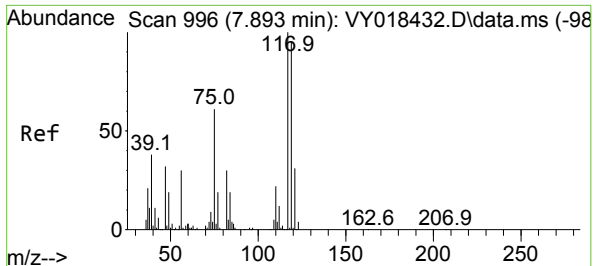
Delta R.T. 0.006 min

Lab File: VY018554.D

Acq: 11 Jun 2024 13:38

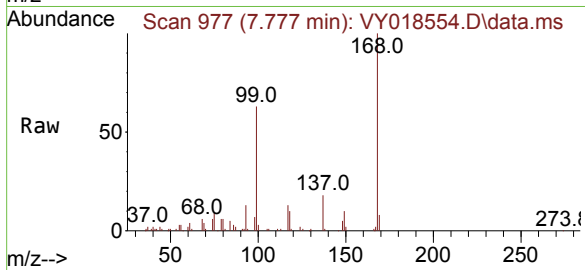
Tgt Ion:113	Resp:	40241
Ion Ratio	Lower	Upper
113	100	
111	103.9	82.2 123.4
192	17.1	15.9 23.9



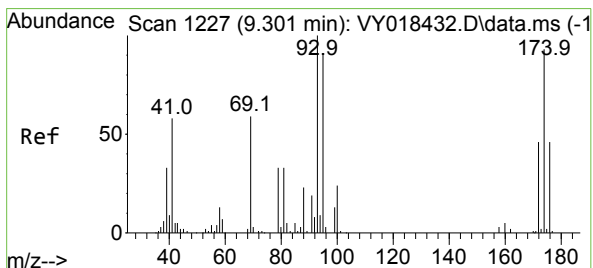
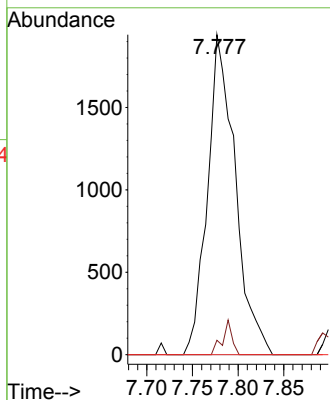
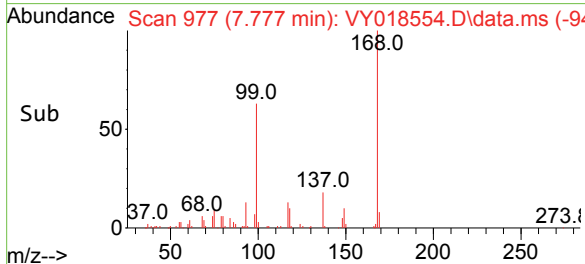


#38
Carbon Tetrachloride
Concen: 3.469 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018554.D
Acq: 11 Jun 2024 13:38

Instrument :
MSVOA_Y
ClientSampleId :

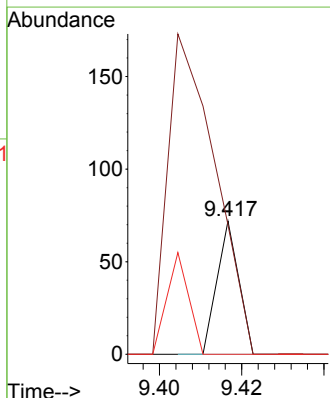
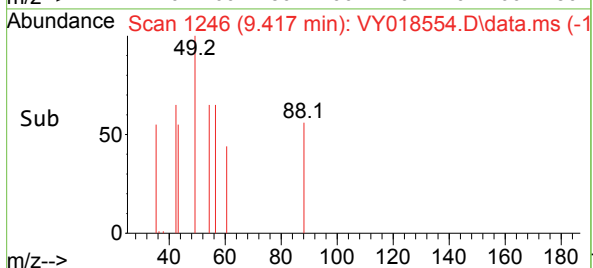
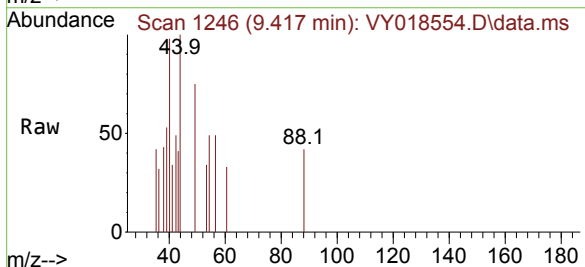


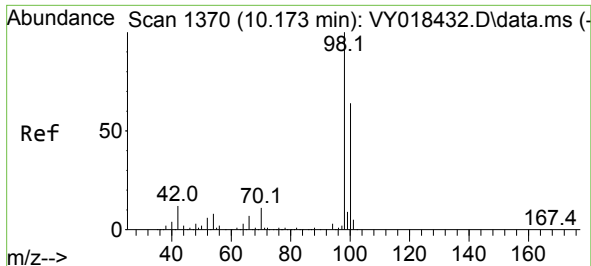
Tgt Ion:117 Resp: 4108
Ion Ratio Lower Upper
117 100
119 4.5 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 4.265 ug/l
RT: 9.417 min Scan# 1246
Delta R.T. 0.116 min
Lab File: VY018554.D
Acq: 11 Jun 2024 13:38

Tgt Ion: 88 Resp: 26
Ion Ratio Lower Upper
88 100
43 530.8 0.0 0.0#
58 76.9 49.3 73.9#

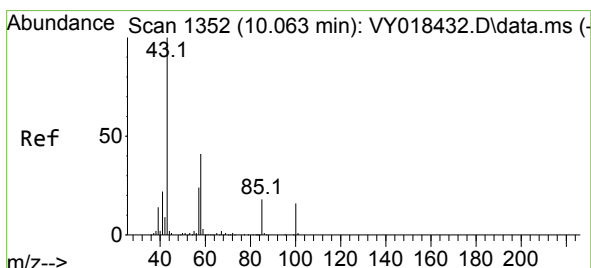
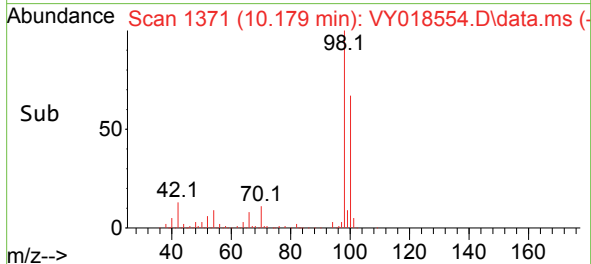
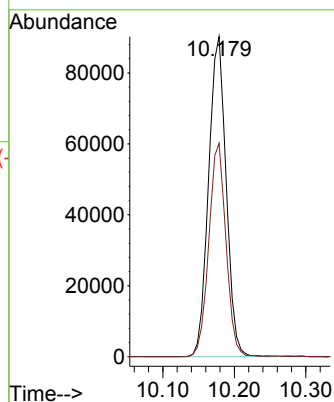
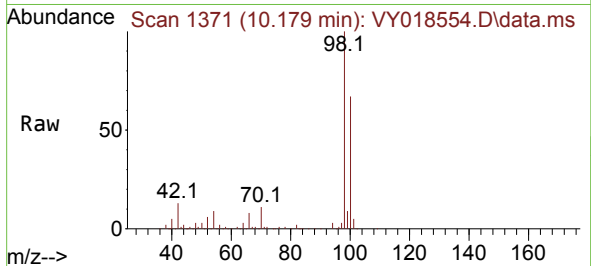




#50
Toluene-d8
Concen: 49.911 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018554.D
Acq: 11 Jun 2024 13:38

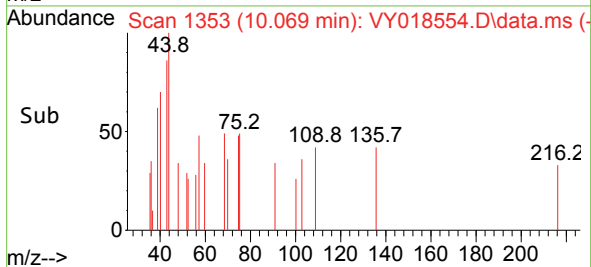
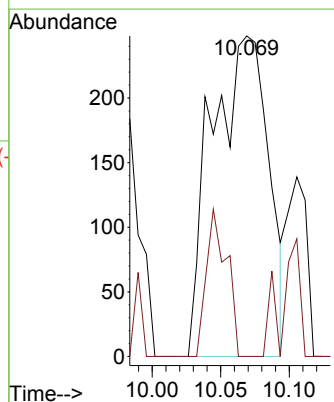
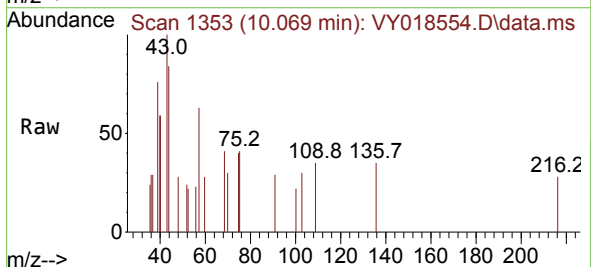
Instrument :
MSVOA_Y
ClientSampleId :

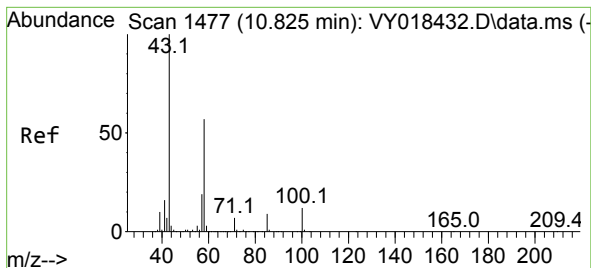
Tgt Ion: 98 Resp: 153866
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.244 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.006 min
Lab File: VY018554.D
Acq: 11 Jun 2024 13:38

Tgt Ion: 43 Resp: 713
Ion Ratio Lower Upper
43 100
58 0.0 35.7 53.5#

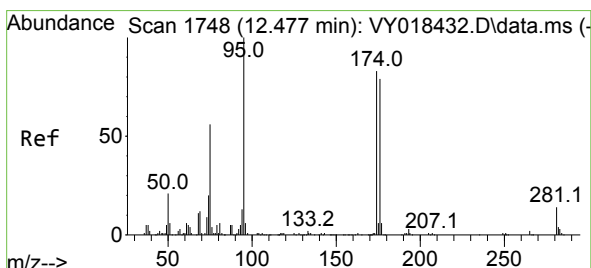
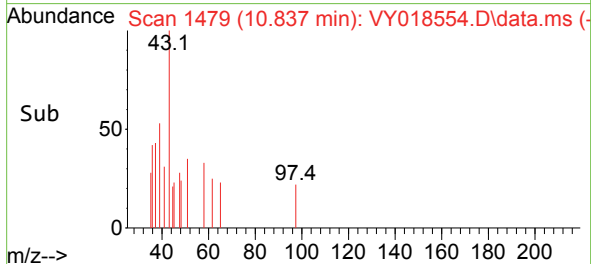
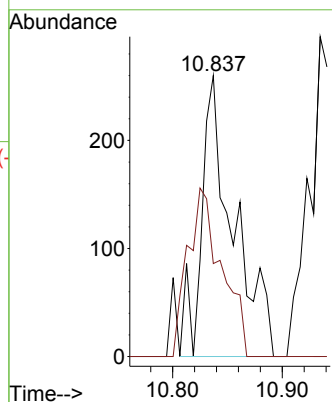
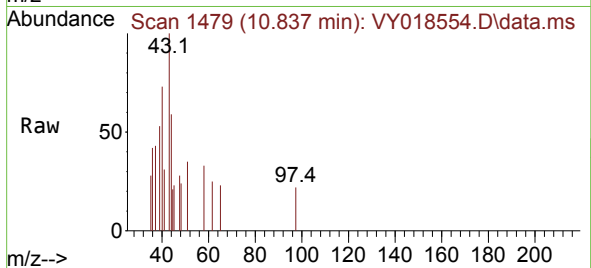




#59
2-Hexanone
Concen: 1.316 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.012 min
Lab File: VY018554.D
Acq: 11 Jun 2024 13:38

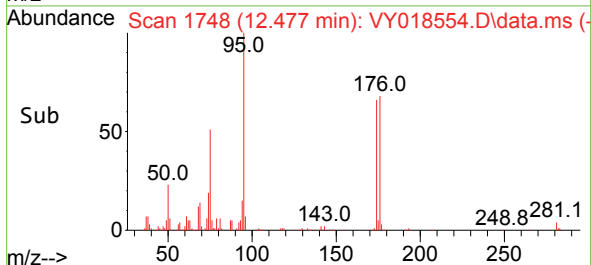
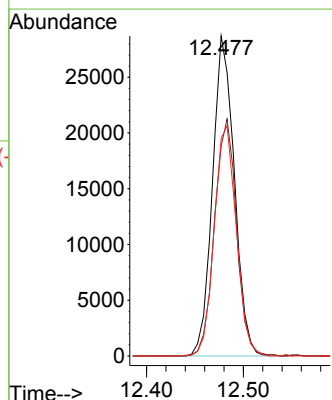
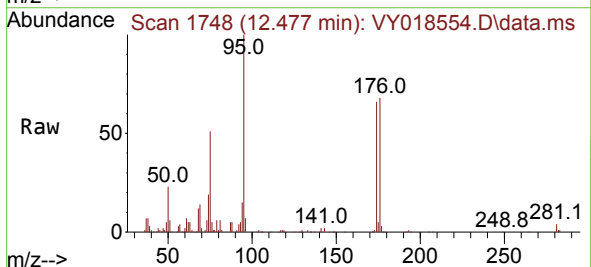
Instrument :
MSVOA_Y
ClientSampleId :

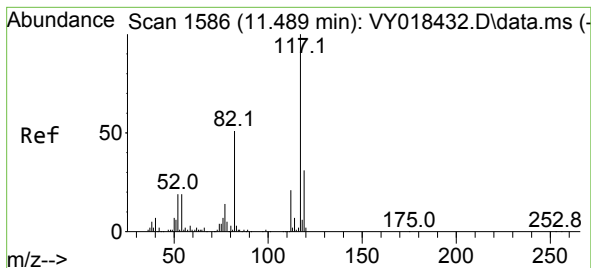
Tgt Ion: 43 Resp: 521
Ion Ratio Lower Upper
43 100
58 64.5 31.4 94.0



#62
4-Bromofluorobenzene
Concen: 46.879 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018554.D
Acq: 11 Jun 2024 13:38

Tgt Ion: 95 Resp: 44997
Ion Ratio Lower Upper
95 100
174 74.3 0.0 175.6
176 72.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018554.D

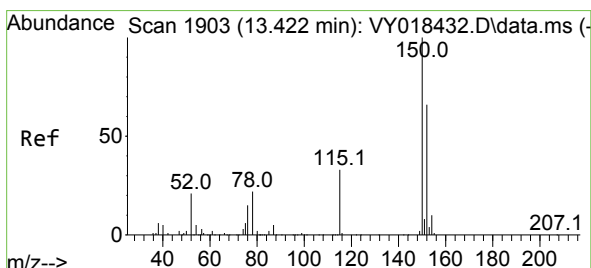
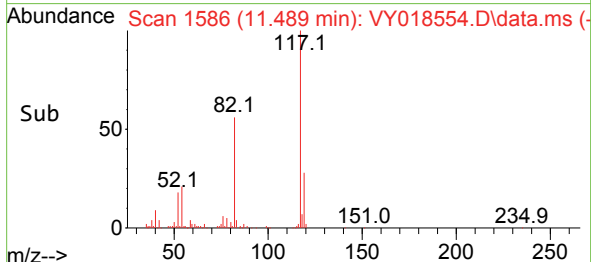
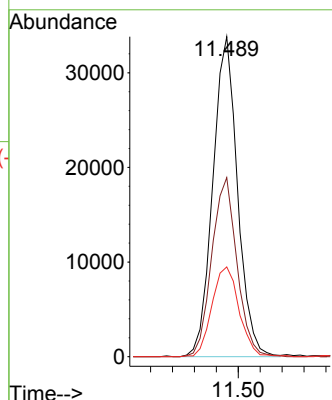
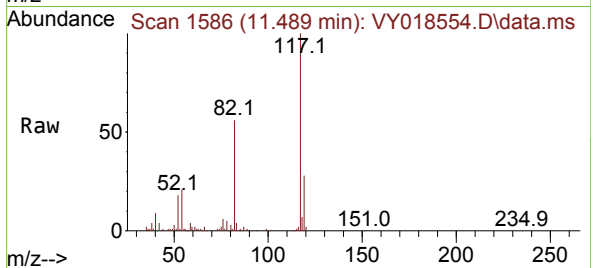
Acq: 11 Jun 2024 13:38

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:117	Resp:	52975
Ion	Ratio	Lower Upper
117	100	
82	55.9	42.4 63.6
119	28.1	25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

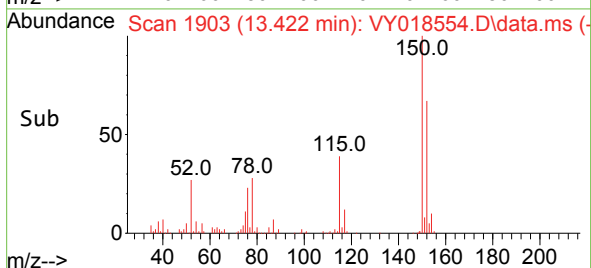
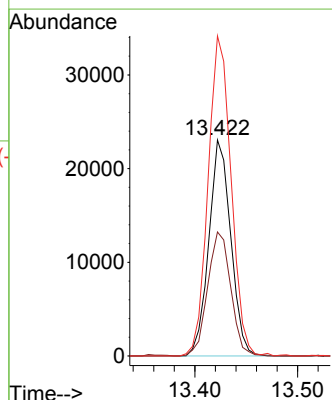
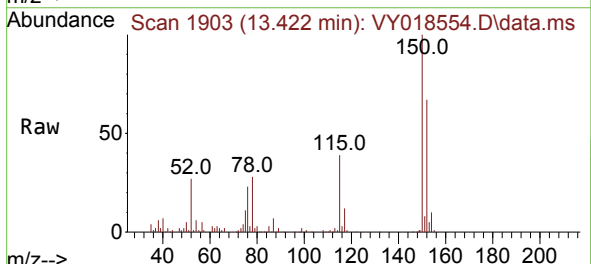
RT: 13.422 min Scan# 1903

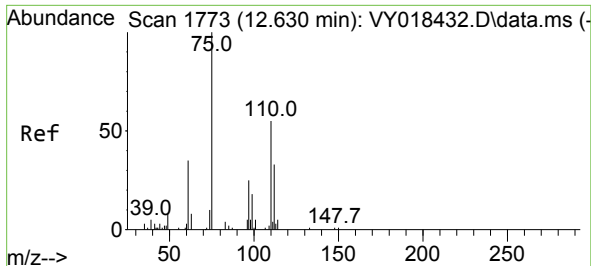
Delta R.T. -0.000 min

Lab File: VY018554.D

Acq: 11 Jun 2024 13:38

Tgt Ion:152	Resp:	34248
Ion	Ratio	Lower Upper
152	100	
115	60.1	28.2 84.7
150	155.0	0.0 345.6

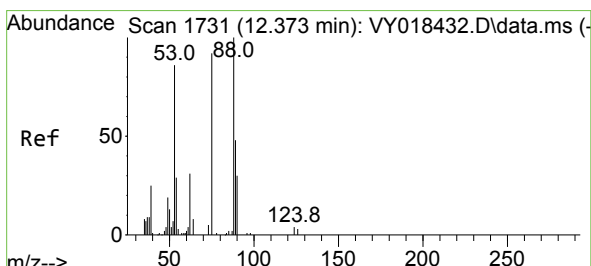
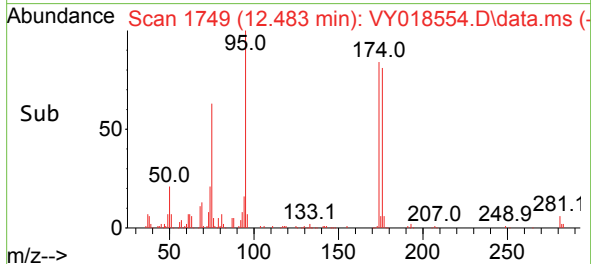
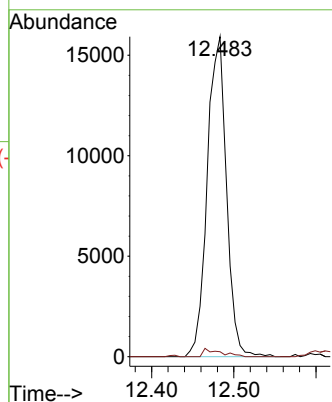
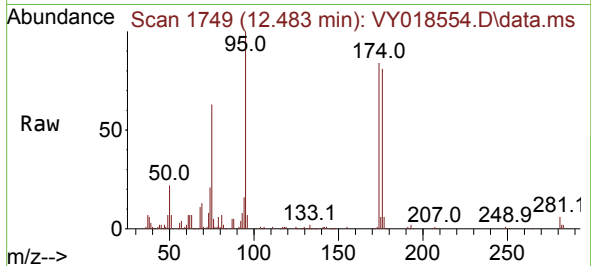




#76
1,2,3-Trichloropropane
Concen: 60.921 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY018554.D
Acq: 11 Jun 2024 13:38

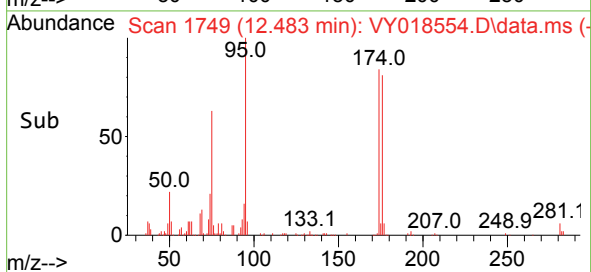
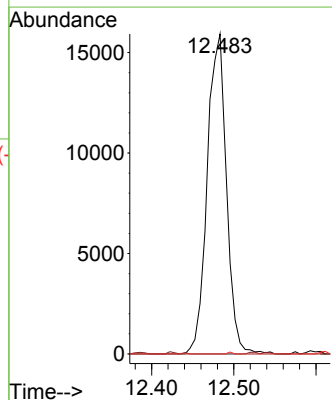
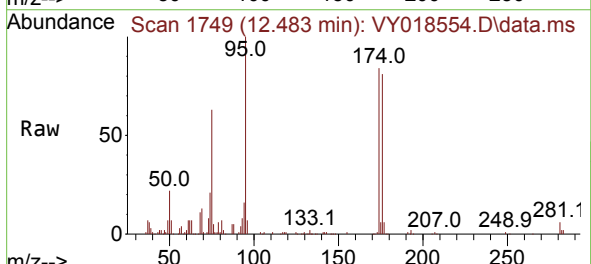
Instrument :
MSVOA_Y
ClientSampleId :

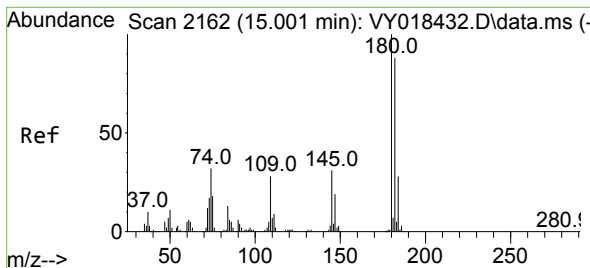
Tgt Ion: 75 Resp: 25872
Ion Ratio Lower Upper
75 100
77 2.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 127.992 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.110 min
Lab File: VY018554.D
Acq: 11 Jun 2024 13:38

Tgt Ion: 75 Resp: 25872
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#





#93

1,2,4-Trichlorobenzene

Concen: 1.011 ug/l

RT: 15.013 min Scan# 2162

Delta R.T. 0.012 min

Lab File: VY018554.D

Acq: 11 Jun 2024 13:38

Instrument :

MSVOA_Y

ClientSampleId :

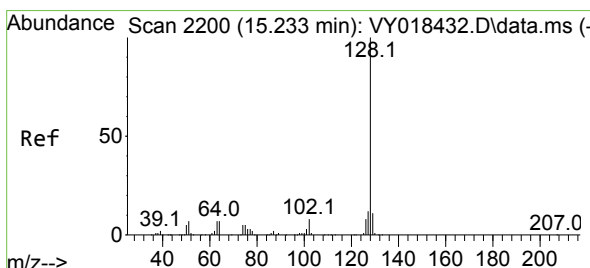
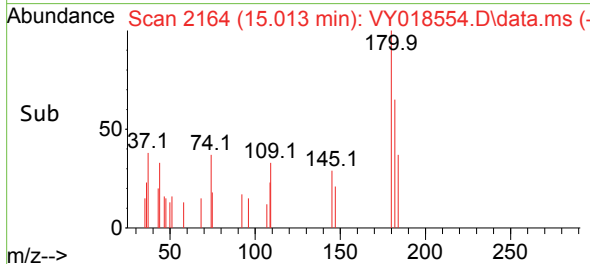
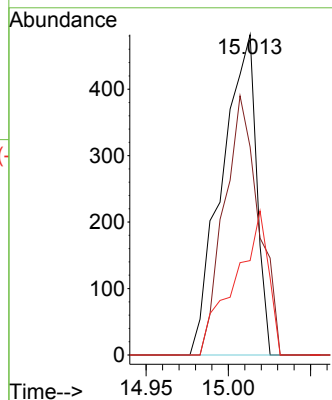
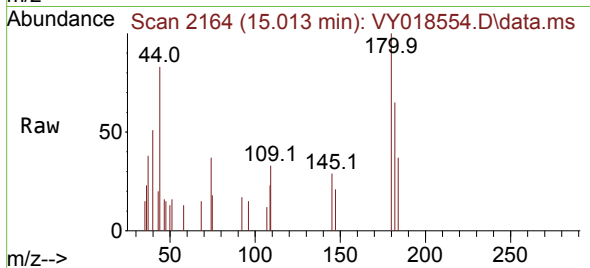
Tgt Ion:180 Resp: 704

Ion Ratio Lower Upper

180 100

182 80.7 47.9 143.8

145 43.9 14.2 42.6#



#95

Naphthalene

Concen: 1.033 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. 0.012 min

Lab File: VY018554.D

Acq: 11 Jun 2024 13:38

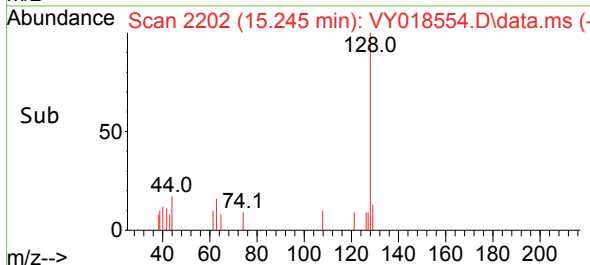
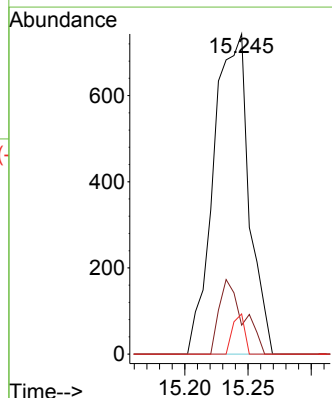
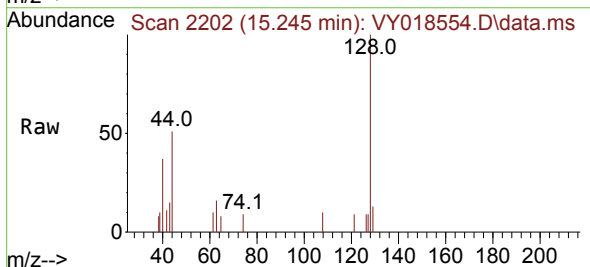
Tgt Ion:128 Resp: 1445

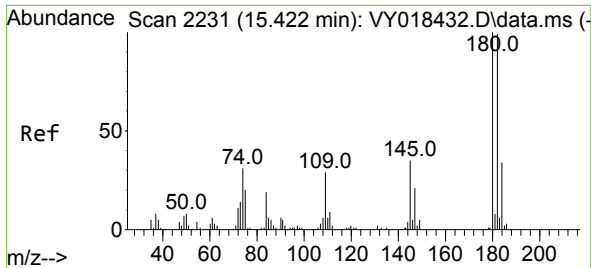
Ion Ratio Lower Upper

128 100

127 15.8 10.6 16.0

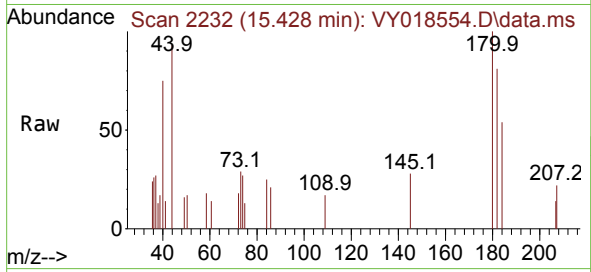
129 4.2 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.371 ug/l
 RT: 15.428 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY018554.D
 Acq: 11 Jun 2024 13:38

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	180	Resp:	808
Ion	Ratio	Lower	Upper
180	100		
182	80.4	47.6	142.9
145	30.2	15.4	46.1

