

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062124\
 Data File : VY018662.D
 Acq On : 21 Jun 2024 11:18
 Operator : SY/MD
 Sample : VY0621SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 21 22:57:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

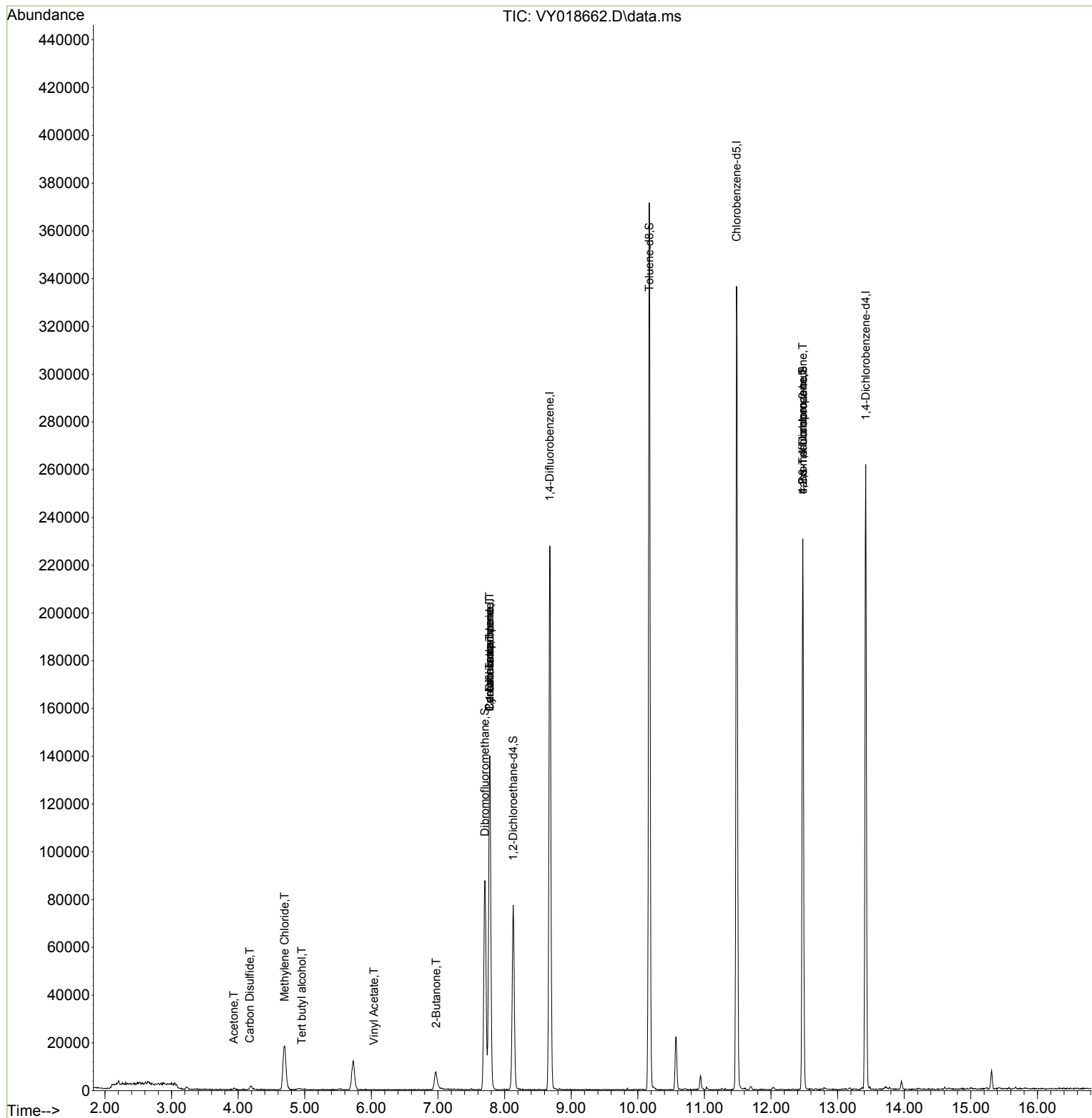
Internal Standards						
1) Pentafluorobenzene	7.777	168	110314	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	203035	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	187279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	67220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	56379	50.763	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.520%	
35) Dibromofluoromethane	7.704	113	64590	52.150	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.300%	
50) Toluene-d8	10.173	98	242824	50.981	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.960%	
62) 4-Bromofluorobenzene	12.477	95	66813	44.423	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.840%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	210	1.051	ug/l #	88
16) Acetone	3.936	43	489	2.164	ug/l	88
17) Carbon Disulfide	4.174	76	87	2.245	ug/l #	76
20) Methylene Chloride	4.698	84	14918	2.136	ug/l	96
23) Vinyl Acetate	6.039	43	77	23.719	ug/l #	67
25) 2-Butanone	6.972	43	459	1.355	ug/l #	41
31) Cyclohexane	7.777	56	2227	1.309	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	8623	5.058	ug/l #	49
38) Carbon Tetrachloride	7.777	117	11322	6.330	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	35390	56.125	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	35390	147.013	ug/l #	16

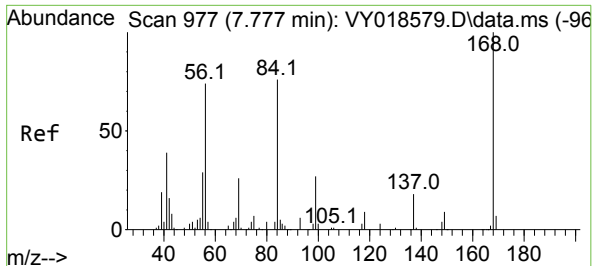
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062124\
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Quant Time: Jun 21 22:57:03 2024
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Quant Title : SW846 8260
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Response via : Initial Calibration

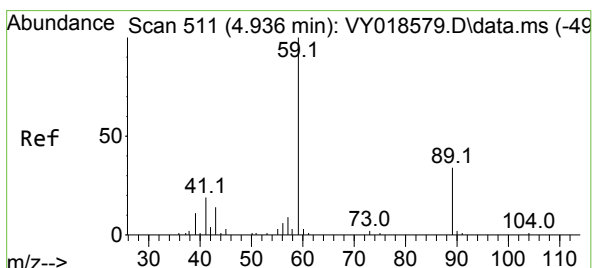
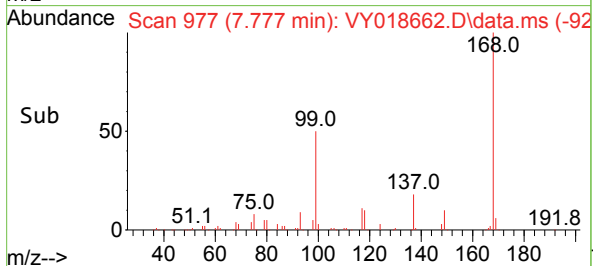
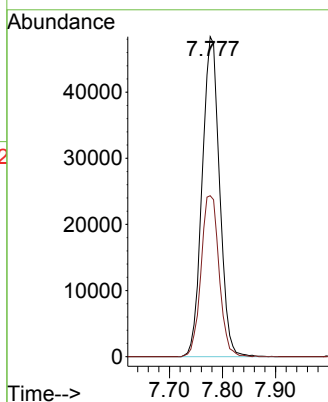
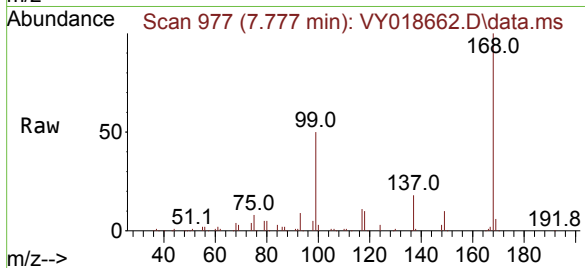




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018662.D
Acq: 21 Jun 2024 11:18

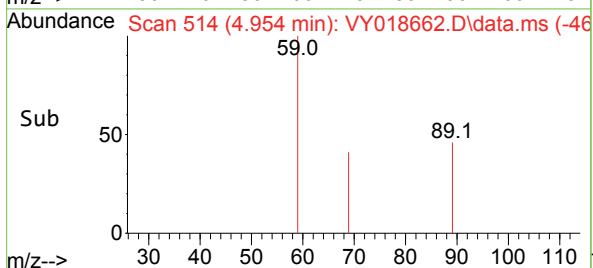
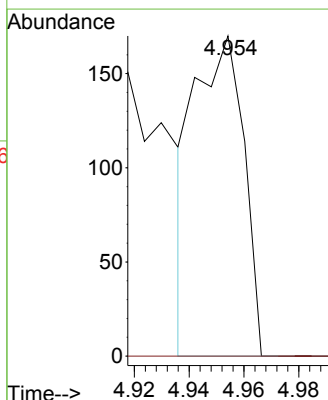
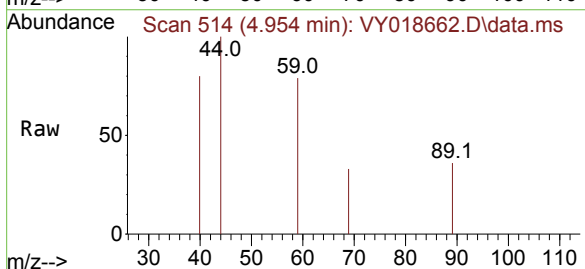
Instrument :
MSVOA_Y
ClientSampleId :

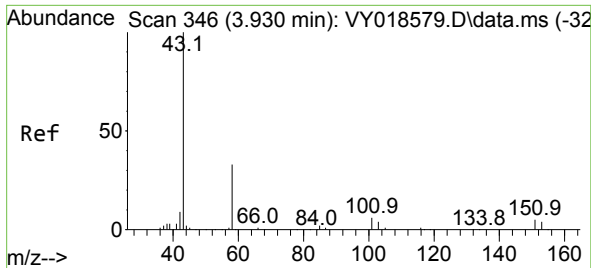
Tgt Ion:168 Resp: 110314
Ion Ratio Lower Upper
168 100
99 50.3 39.1 58.7



#11
Tert butyl alcohol
Concen: 1.051 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.018 min
Lab File: VY018662.D
Acq: 21 Jun 2024 11:18

Tgt Ion: 59 Resp: 210
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

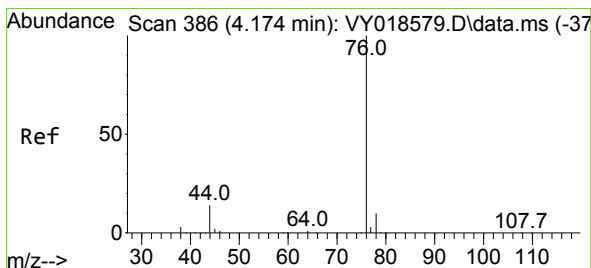
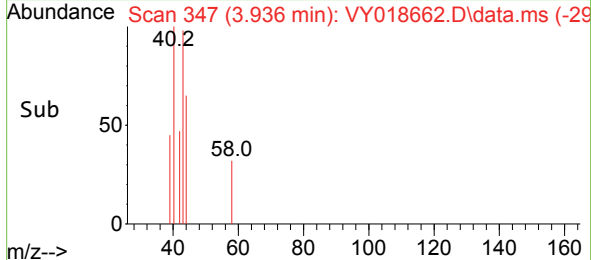
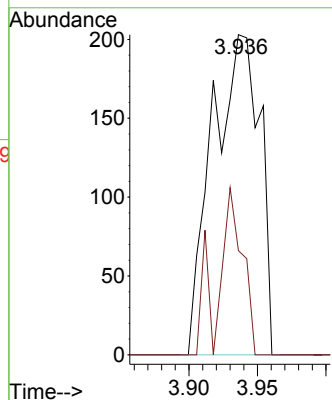
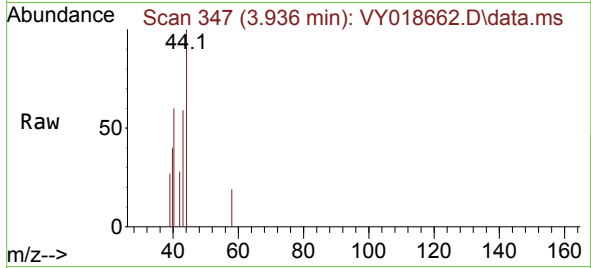




#16
Acetone
Concen: 2.164 ug/l
RT: 3.936 min Scan# 346
Delta R.T. 0.006 min
Lab File: VY018662.D
Acq: 21 Jun 2024 11:18

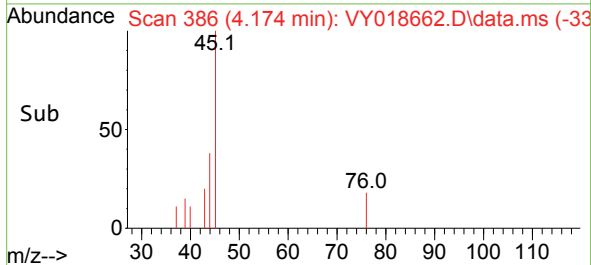
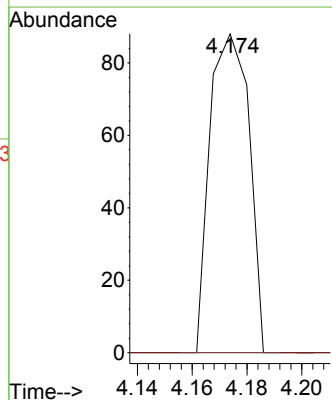
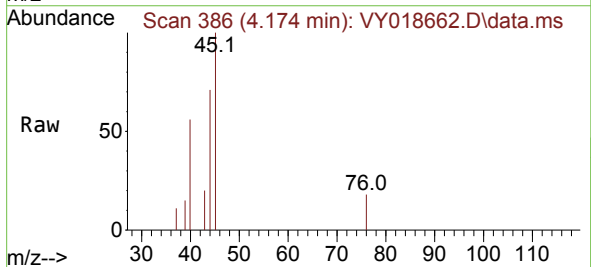
Instrument :
MSVOA_Y
ClientSampleId :

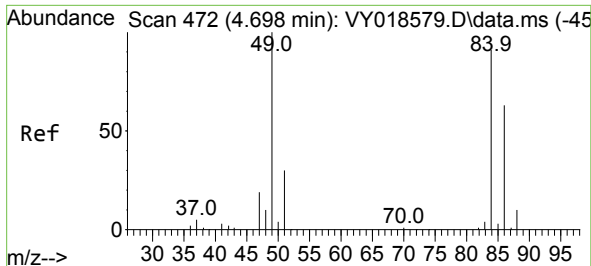
Tgt Ion: 43 Resp: 489
Ion Ratio Lower Upper
43 100
58 32.5 31.7 47.5



#17
Carbon Disulfide
Concen: 2.245 ug/l
RT: 4.174 min Scan# 386
Delta R.T. -0.000 min
Lab File: VY018662.D
Acq: 21 Jun 2024 11:18

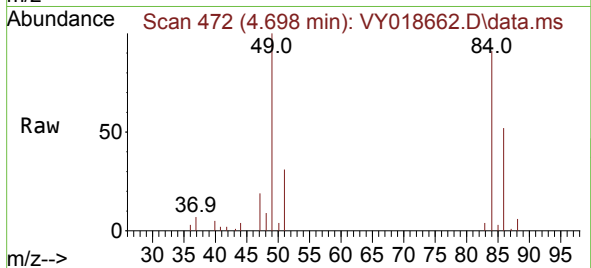
Tgt Ion: 76 Resp: 87
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



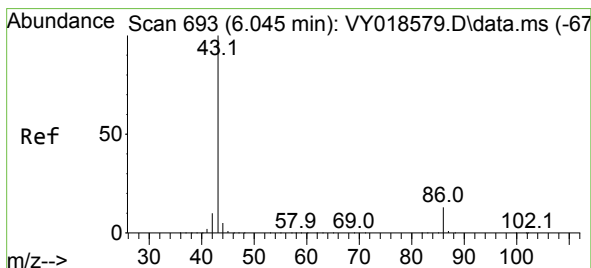
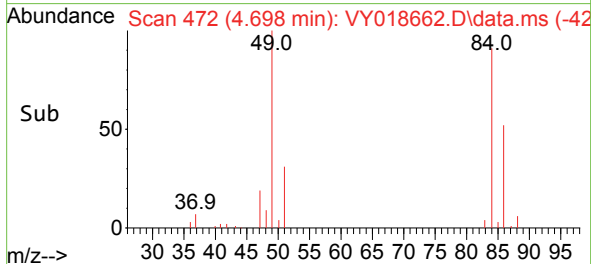
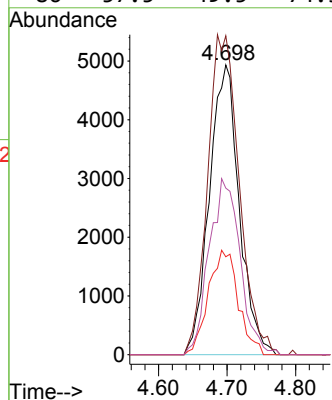


#20
Methylene Chloride
Concen: 2.136 ug/l
RT: 4.698 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018662.D
Acq: 21 Jun 2024 11:18

Instrument :
MSVOA_Y
ClientSampleId :

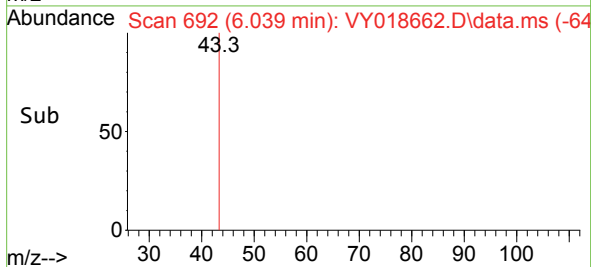
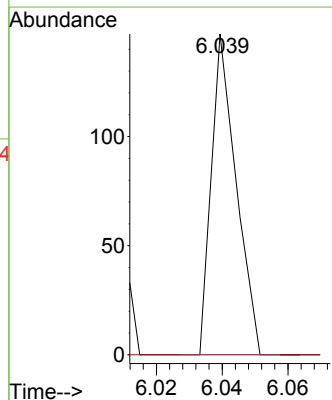
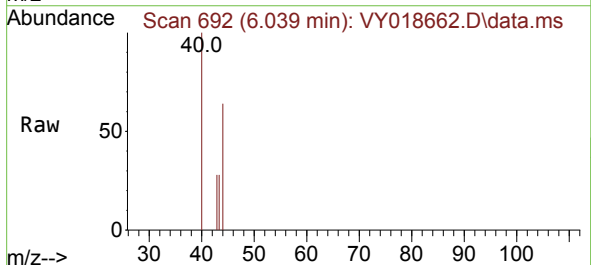


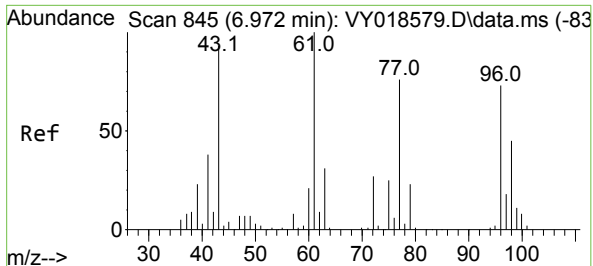
Tgt Ion:	84	Resp:	14918
Ion	Ratio	Lower	Upper
84	100		
49	110.1	84.4	126.6
51	33.8	26.0	39.0
86	57.5	49.5	74.3



#23
Vinyl Acetate
Concen: 23.719 ug/l
RT: 6.039 min Scan# 692
Delta R.T. -0.006 min
Lab File: VY018662.D
Acq: 21 Jun 2024 11:18

Tgt Ion:	43	Resp:	77
Ion	Ratio	Lower	Upper
43	100		
86	0.0	10.6	16.0#

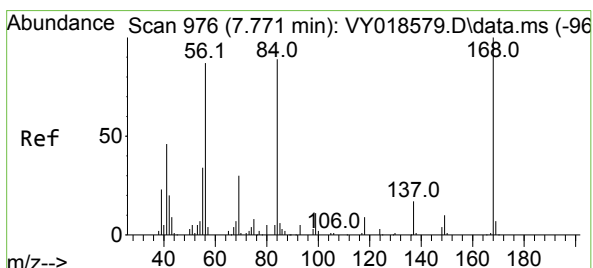
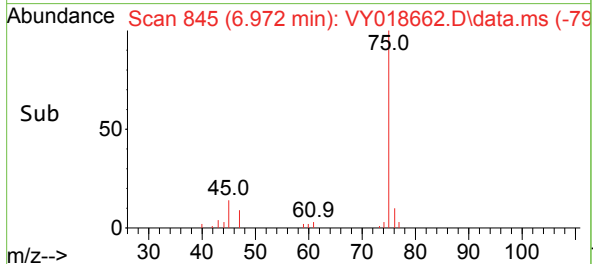
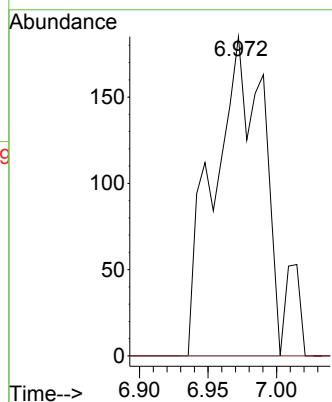
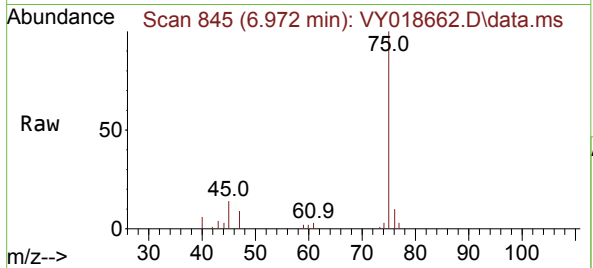




#25
2-Butanone
Concen: 1.355 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY018662.D
Acq: 21 Jun 2024 11:18

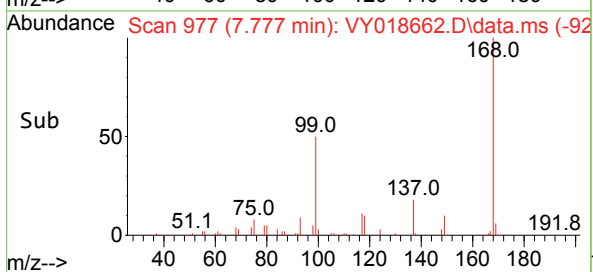
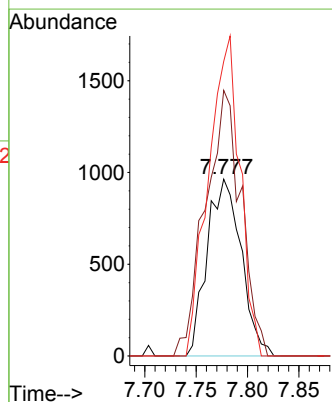
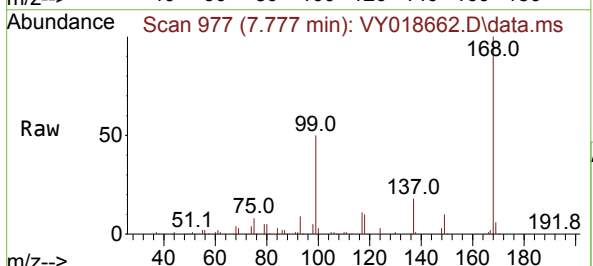
Instrument :
MSVOA_Y
ClientSampleId :

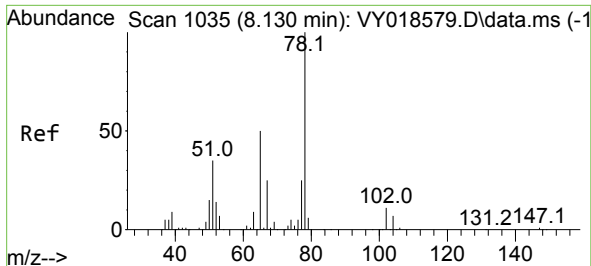
Tgt Ion: 43 Resp: 459
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.309 ug/l
RT: 7.777 min Scan# 977
Delta R.T. 0.006 min
Lab File: VY018662.D
Acq: 21 Jun 2024 11:18

Tgt Ion: 56 Resp: 2227
Ion Ratio Lower Upper
56 100
69 150.2 28.7 43.1#
84 166.5 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 50.763 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY018662.D

Acq: 21 Jun 2024 11:18

Instrument :

MSVOA_Y

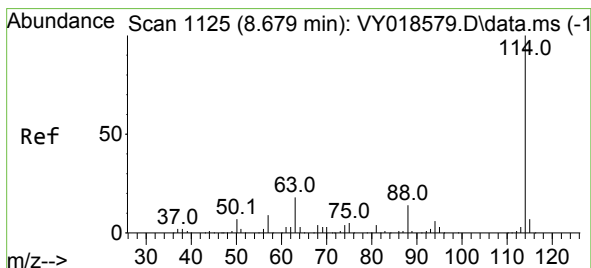
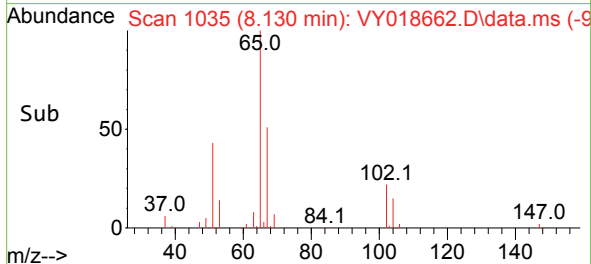
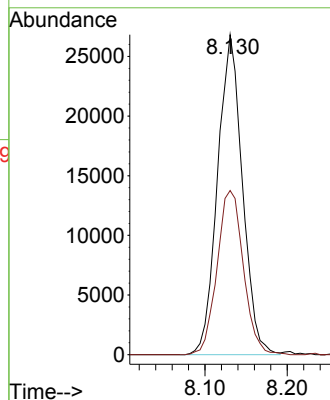
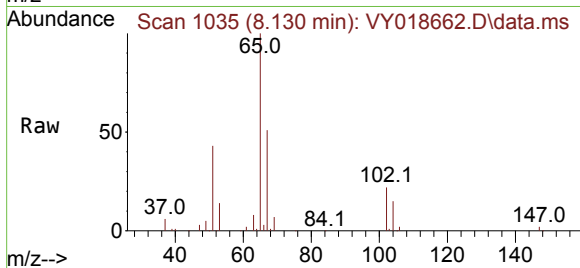
ClientSampleId :

Tgt Ion: 65 Resp: 56379

Ion Ratio Lower Upper

65 100

67 54.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. 0.000 min

Lab File: VY018662.D

Acq: 21 Jun 2024 11:18

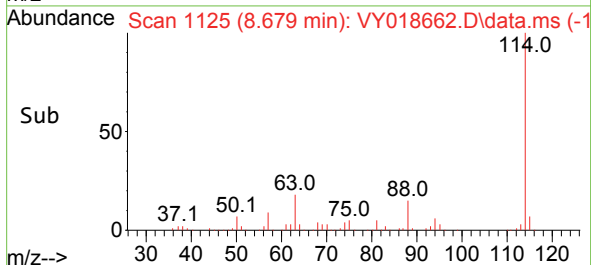
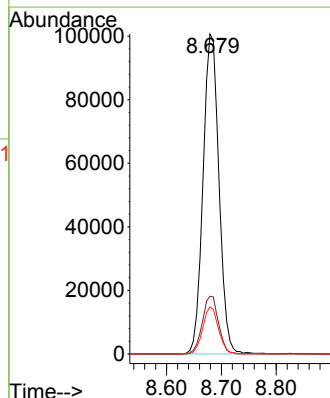
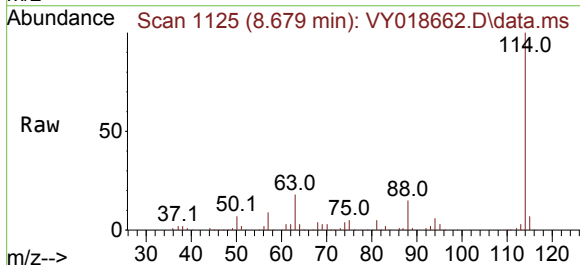
Tgt Ion: 114 Resp: 203035

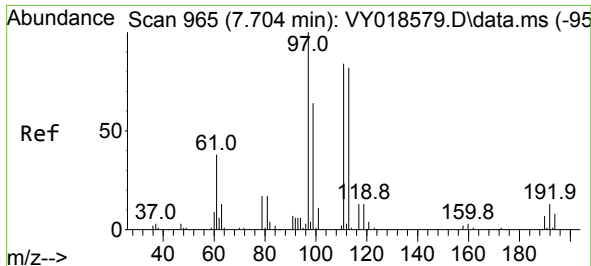
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

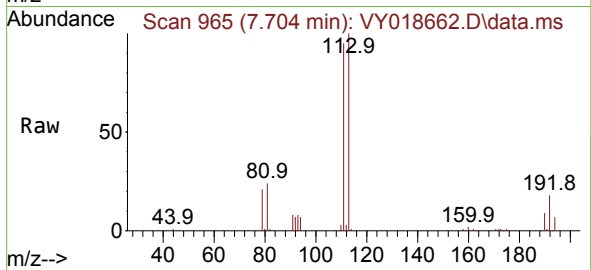
88 14.7 0.0 27.2



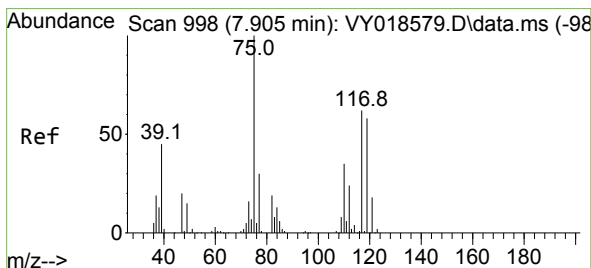
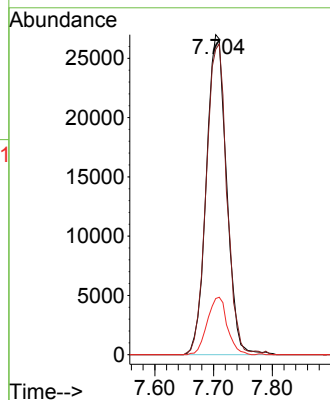
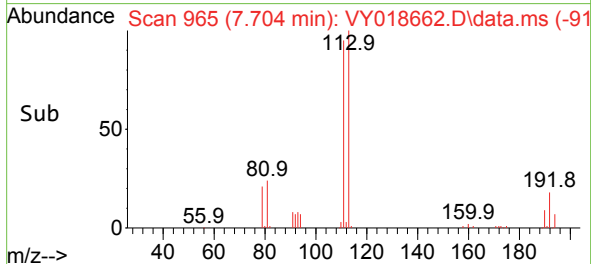


#35
Dibromofluoromethane
Concen: 52.150 ug/l
RT: 7.704 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY018662.D
Acq: 21 Jun 2024 11:18

Instrument :
MSVOA_Y
ClientSampleId :

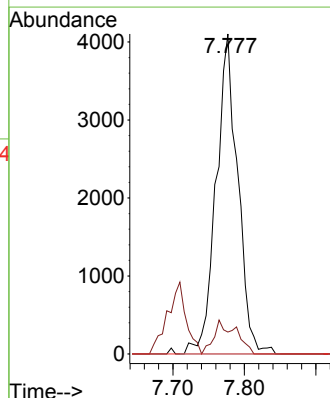
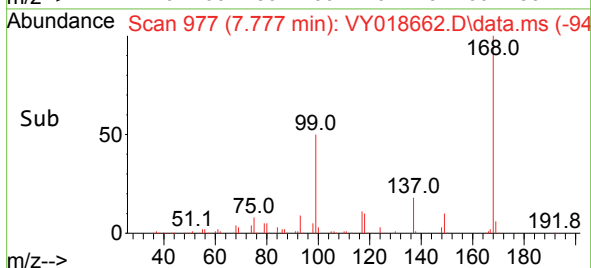
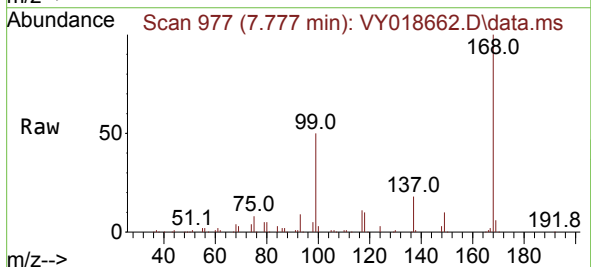


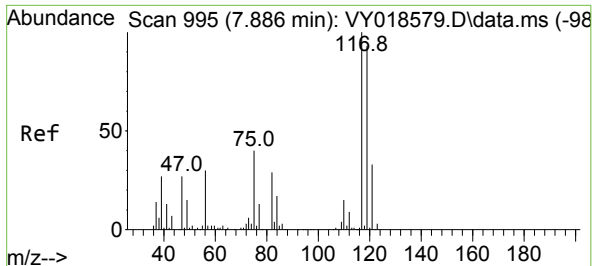
Tgt Ion:113 Resp: 64590
Ion Ratio Lower Upper
113 100
111 98.9 82.2 123.4
192 17.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.058 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.128 min
Lab File: VY018662.D
Acq: 21 Jun 2024 11:18

Tgt Ion: 75 Resp: 8623
Ion Ratio Lower Upper
75 100
110 10.8 19.0 57.0#
77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 6.330 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.110 min

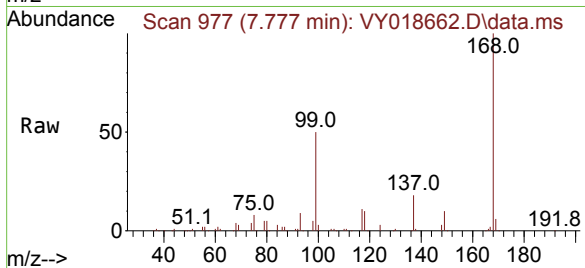
Lab File: VY018662.D

Acq: 21 Jun 2024 11:18

Instrument :

MSVOA_Y

ClientSampleId :



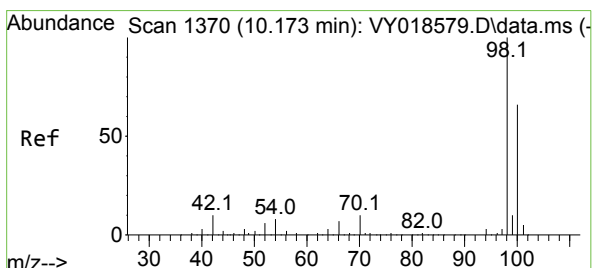
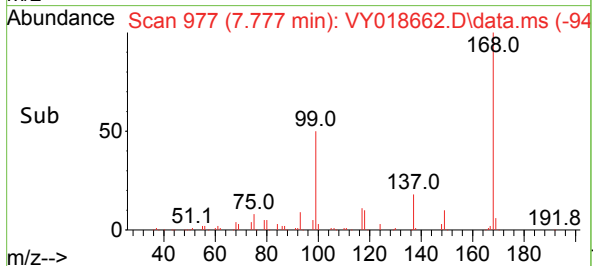
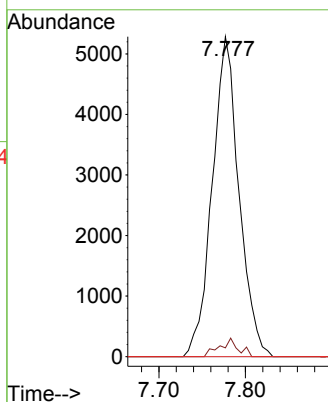
Tgt Ion:117 Resp: 11322

Ion Ratio Lower Upper

117 100

119 2.8 75.8 113.6#

121 0.0 24.0 36.0#



#50

Toluene-d8

Concen: 50.981 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018662.D

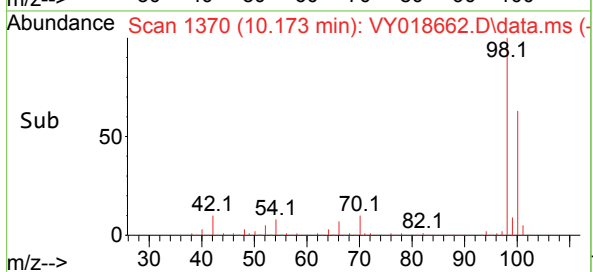
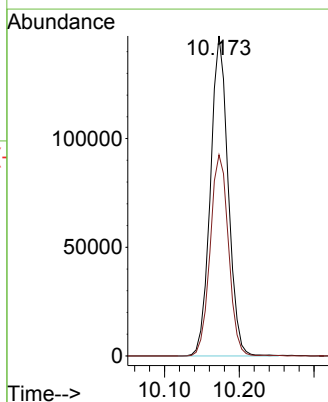
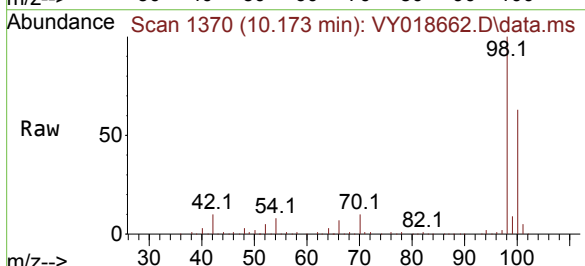
Acq: 21 Jun 2024 11:18

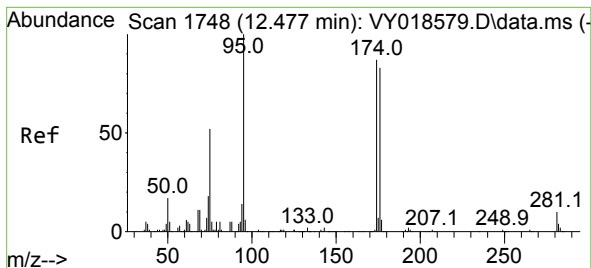
Tgt Ion: 98 Resp: 242824

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0

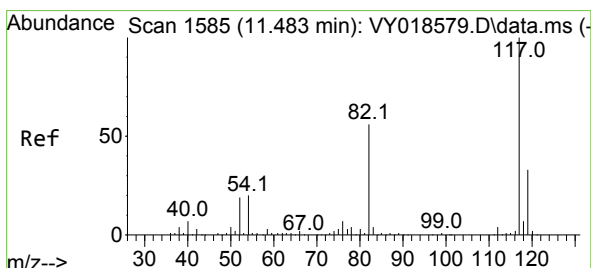
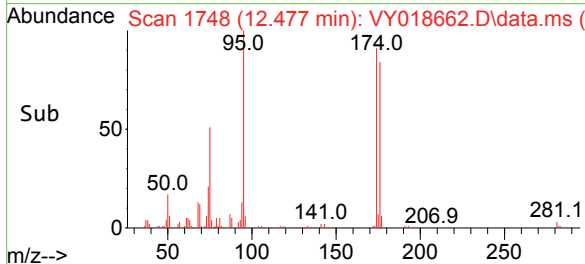
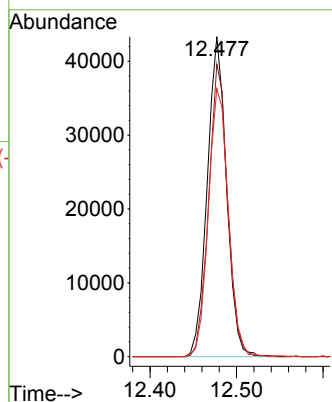
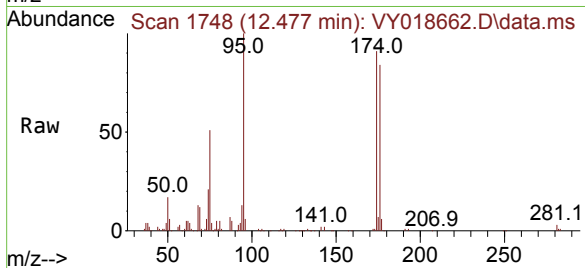




#62
4-Bromofluorobenzene
Concen: 44.423 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018662.D
Acq: 21 Jun 2024 11:18

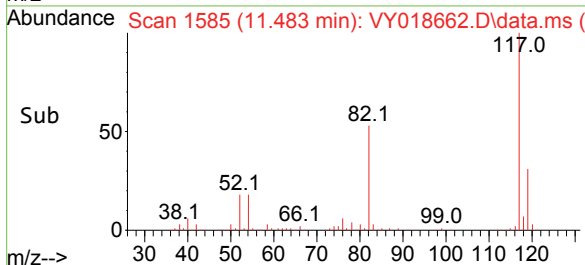
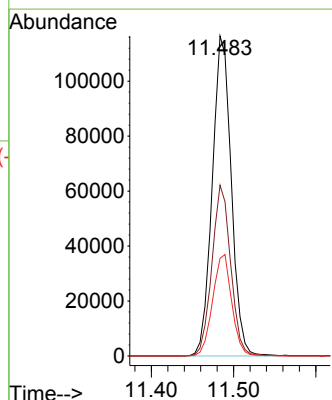
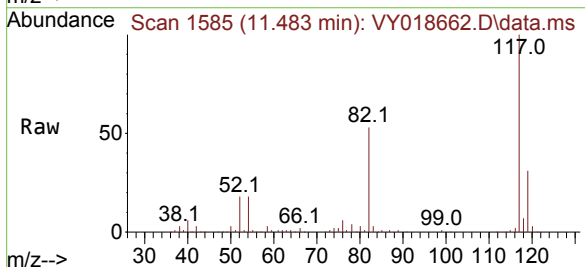
Instrument :
MSVOA_Y
ClientSampleId :

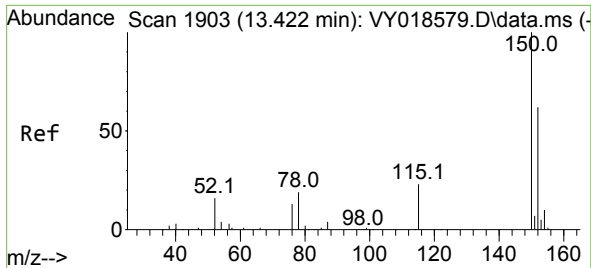
Tgt Ion: 95 Resp: 66813
Ion Ratio Lower Upper
95 100
174 90.8 0.0 175.6
176 86.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VY018662.D
Acq: 21 Jun 2024 11:18

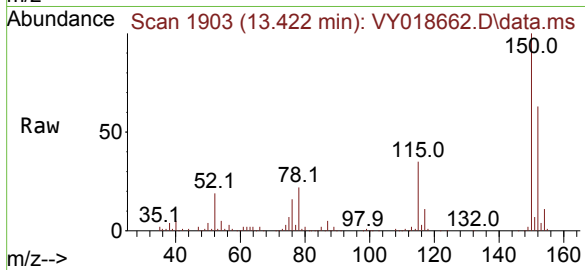
Tgt Ion: 117 Resp: 187279
Ion Ratio Lower Upper
117 100
82 53.4 42.4 63.6
119 30.5 25.9 38.9



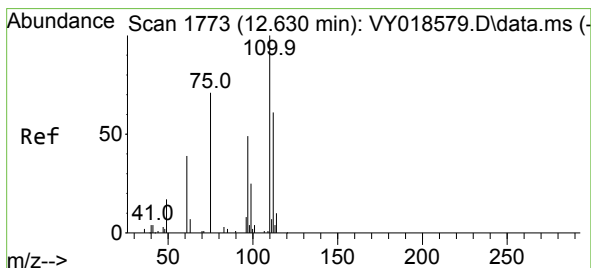
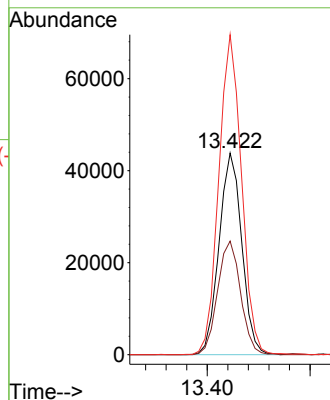
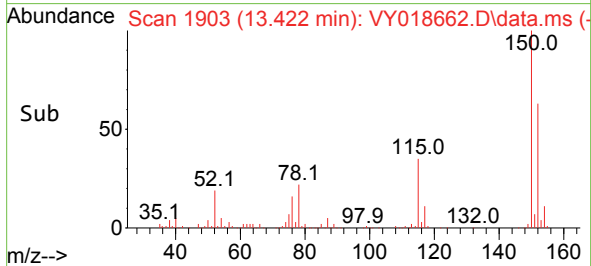


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY018662.D
 Acq: 21 Jun 2024 11:18

Instrument :
 MSVOA_Y
 ClientSampleId :

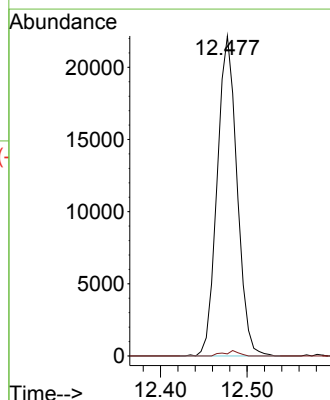
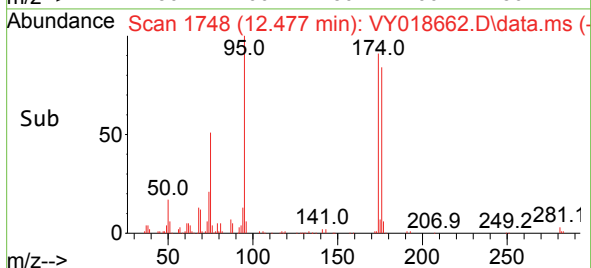
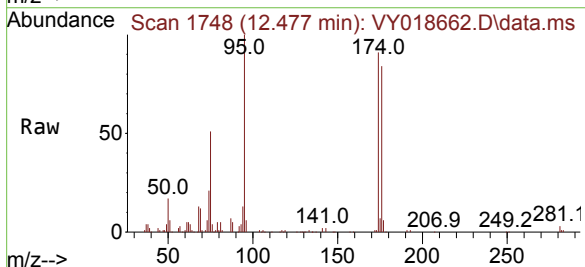


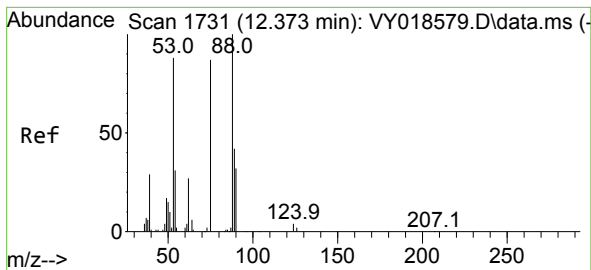
Tgt Ion:152 Resp: 67220
 Ion Ratio Lower Upper
 152 100
 115 57.0 28.2 84.7
 150 158.7 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 56.125 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY018662.D
 Acq: 21 Jun 2024 11:18

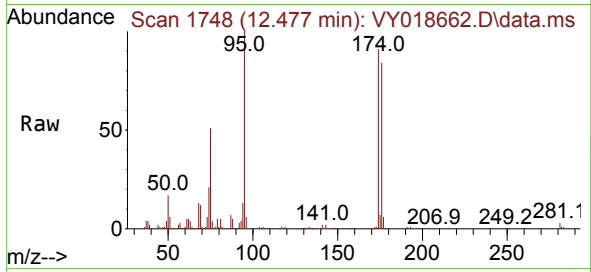
Tgt Ion: 75 Resp: 35390
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 147.013 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018662.D
 Acq: 21 Jun 2024 11:18

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.0	35.8	53.6#

