

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062724\
 Data File : VY018718.D
 Acq On : 27 Jun 2024 14:44
 Operator : SY/MD
 Sample : P3077-04
 Misc : 6.92g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 28 03:32:54 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	114057	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	206790	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	177021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	62522	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.130	65	48614	42.335	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.680%
35) Dibromofluoromethane	7.704	113	60926	48.298	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.600%
50) Toluene-d8	10.173	98	231103	47.639	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.280%
62) 4-Bromofluorobenzene	12.477	95	62831	41.017	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.040%

Target Compounds

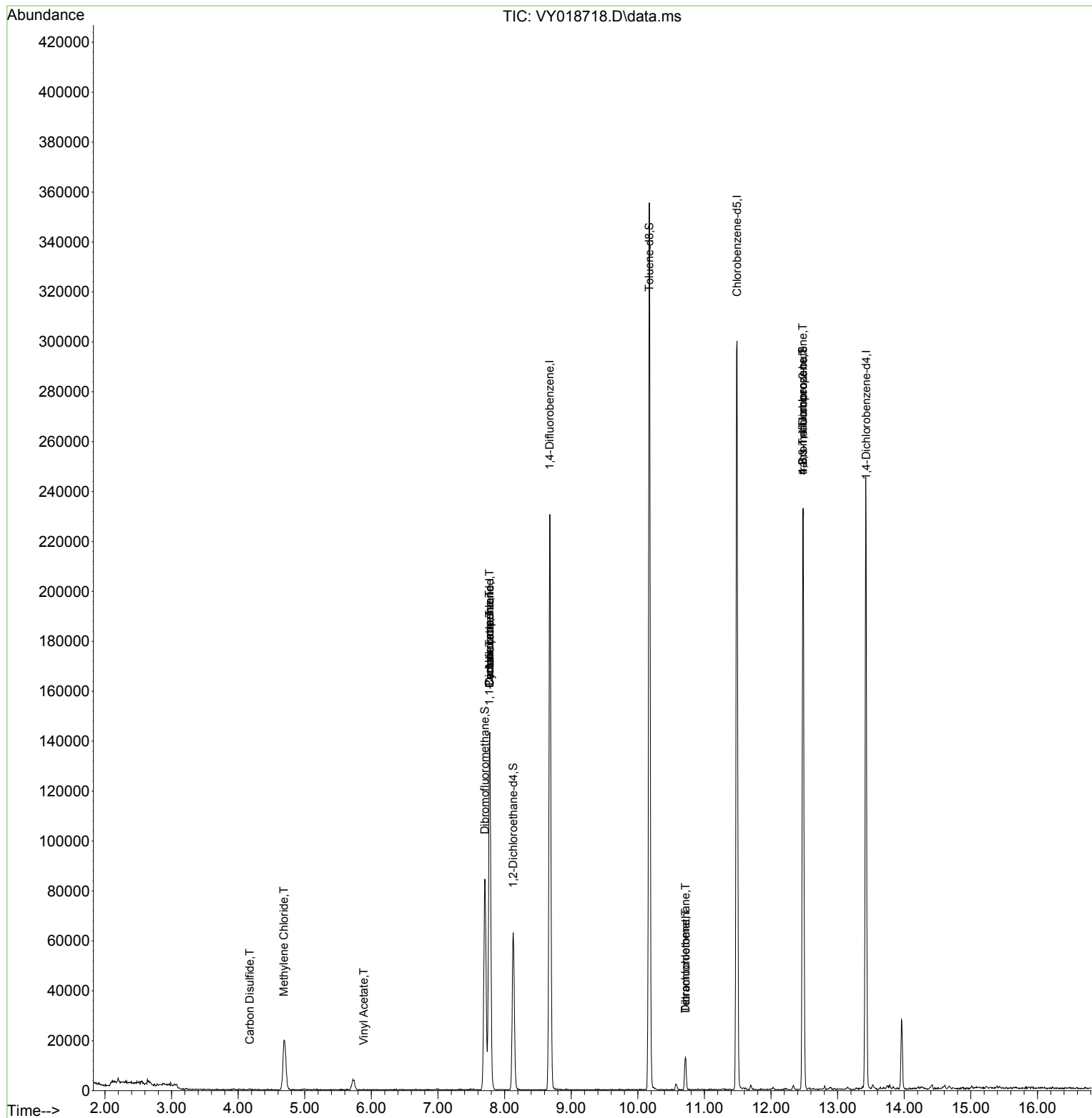
						Qvalue
17) Carbon Disulfide	4.174	76	401	2.335	ug/l #	76
20) Methylene Chloride	4.686	84	16299	2.876	ug/l	92
23) Vinyl Acetate	5.887	43	27	23.705	ug/l #	67
31) Cyclohexane	7.777	56	2456	1.396	ug/l #	28
36) 1,1-Dichloropropene	7.771	75	8410	4.844	ug/l #	48
38) Carbon Tetrachloride	7.777	117	11223	6.161	ug/l #	18
60) Dibromochloromethane	10.715	129	2407	1.912	ug/l #	10
64) Tetrachloroethene	10.715	164	3161	2.504	ug/l #	88
76) 1,2,3-Trichloropropane	12.477	75	33787	57.609	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	33787	150.901	ug/l #	16

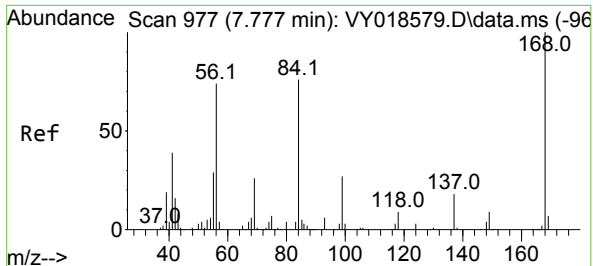
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062724\
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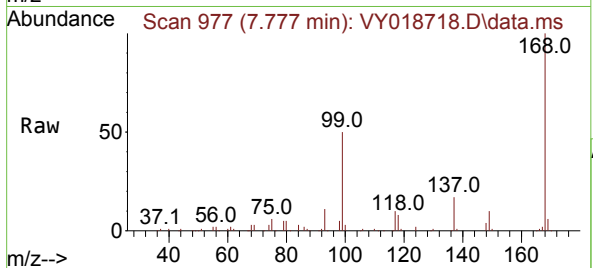
Quant Time: Jun 28 03:32:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 14 07:08:24 2024
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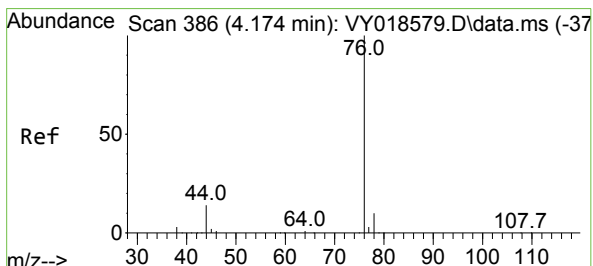
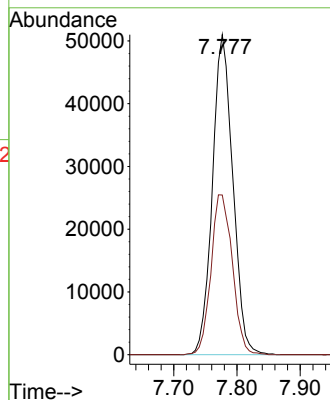
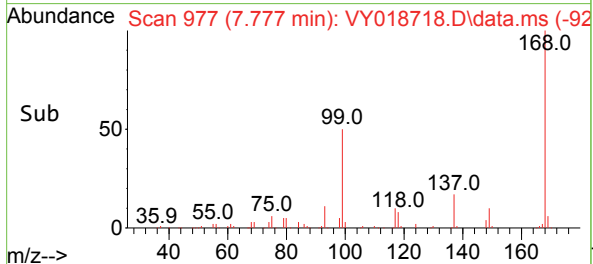


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018718.D
Acq: 27 Jun 2024 14:44

Instrument :
MSVOA_Y
ClientSampleId :

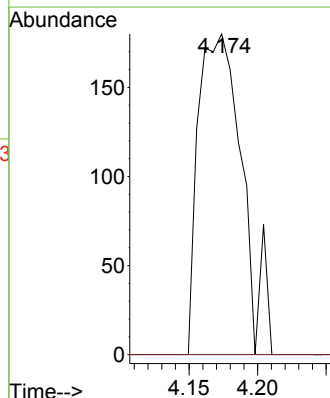
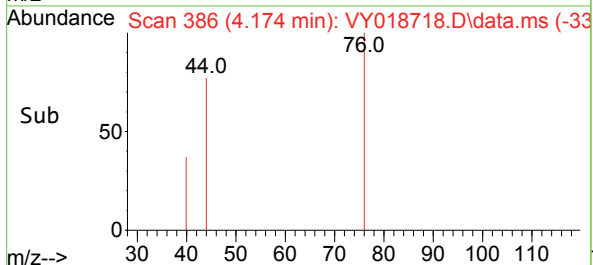
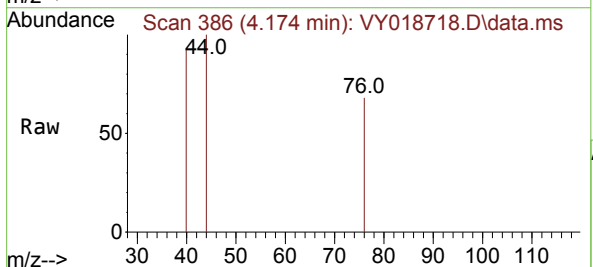


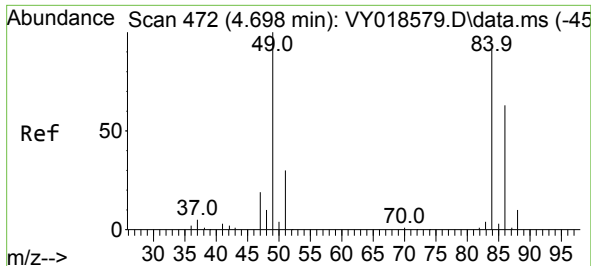
Tgt Ion:168 Resp: 114057
Ion Ratio Lower Upper
168 100
99 49.9 39.1 58.7



#17
Carbon Disulfide
Concen: 2.335 ug/l
RT: 4.174 min Scan# 386
Delta R.T. -0.000 min
Lab File: VY018718.D
Acq: 27 Jun 2024 14:44

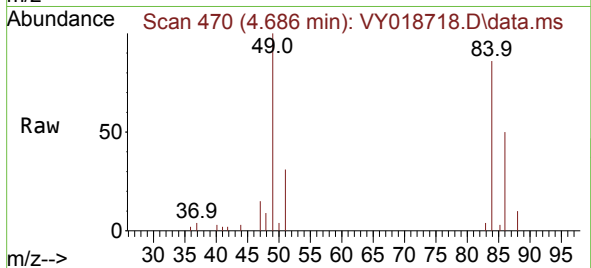
Tgt Ion: 76 Resp: 401
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#





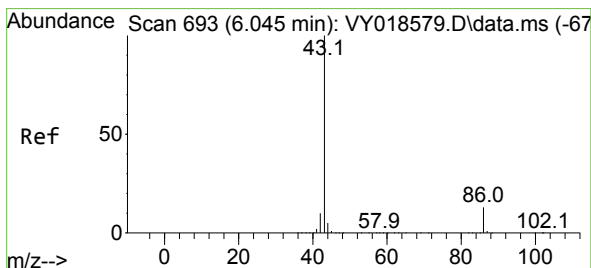
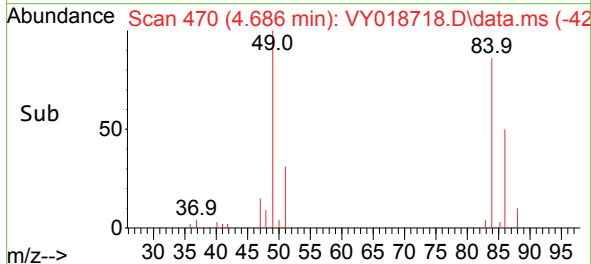
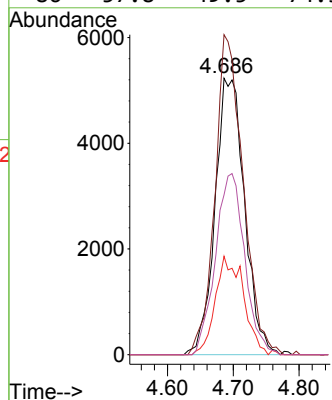
#20
Methylene Chloride
Concen: 2.876 ug/l
RT: 4.686 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY018718.D
Acq: 27 Jun 2024 14:44

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 16299

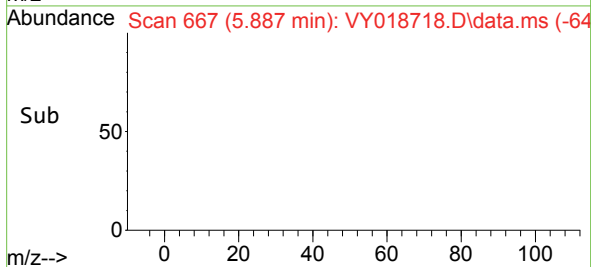
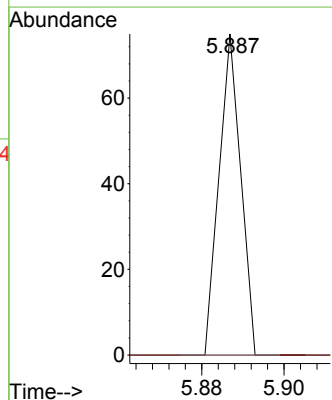
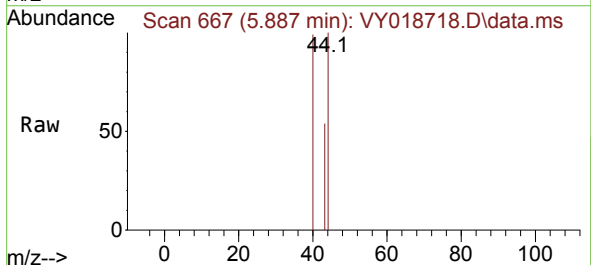
Ion	Ratio	Lower	Upper
84	100		
49	115.8	84.4	126.6
51	35.6	26.0	39.0
86	57.8	49.5	74.3

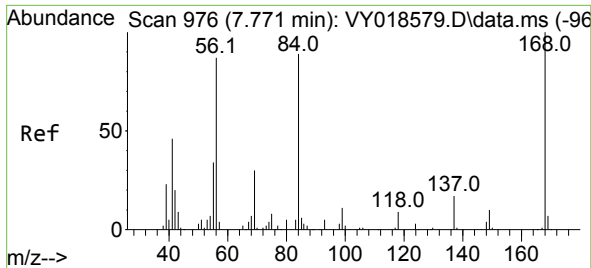


#23
Vinyl Acetate
Concen: 23.705 ug/l
RT: 5.887 min Scan# 667
Delta R.T. -0.158 min
Lab File: VY018718.D
Acq: 27 Jun 2024 14:44

Tgt Ion: 43 Resp: 27

Ion	Ratio	Lower	Upper
43	100		
86	0.0	10.6	16.0#

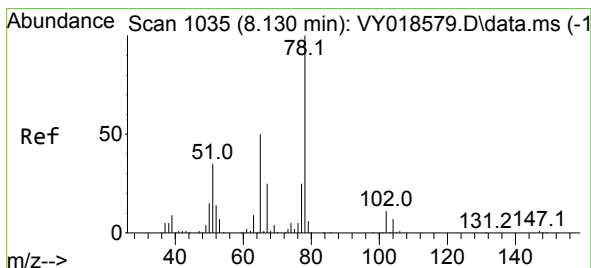
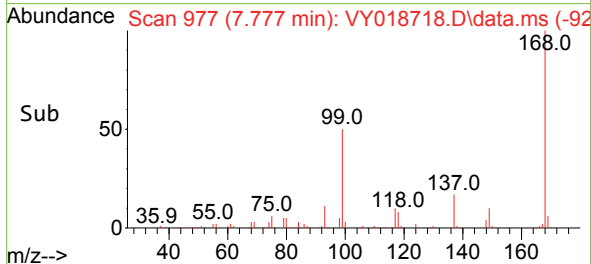
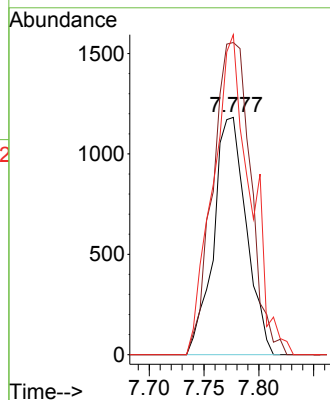
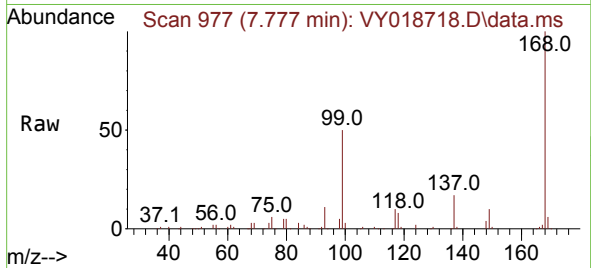




#31
Cyclohexane
Concen: 1.396 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018718.D
Acq: 27 Jun 2024 14:44

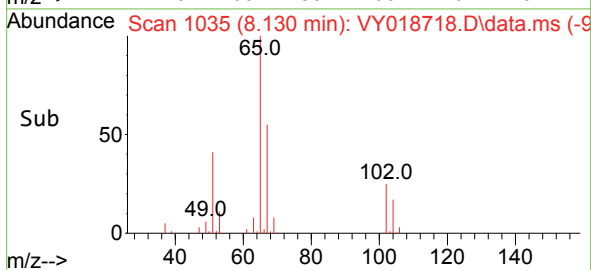
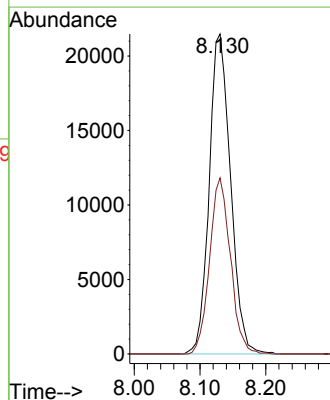
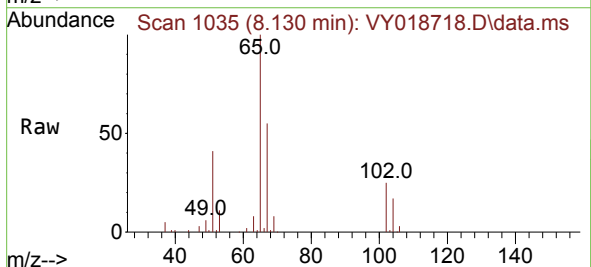
Instrument :
MSVOA_Y
ClientSampleId :

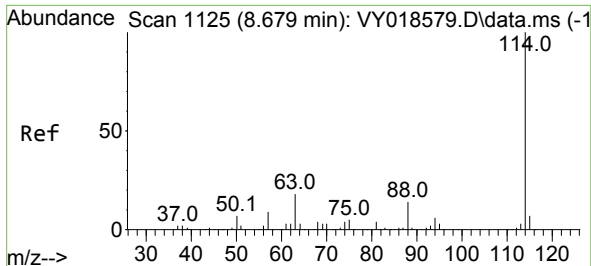
Tgt Ion: 56 Resp: 2456
Ion Ratio Lower Upper
56 100
69 131.6 28.7 43.1#
84 134.9 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 42.335 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018718.D
Acq: 27 Jun 2024 14:44

Tgt Ion: 65 Resp: 48614
Ion Ratio Lower Upper
65 100
67 53.6 0.0 109.6

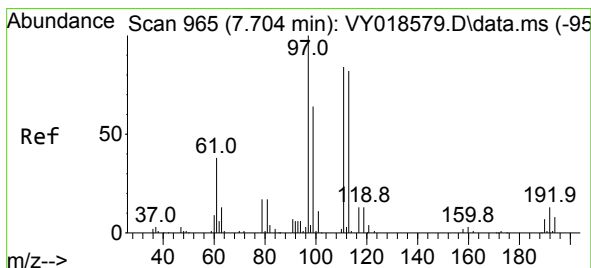
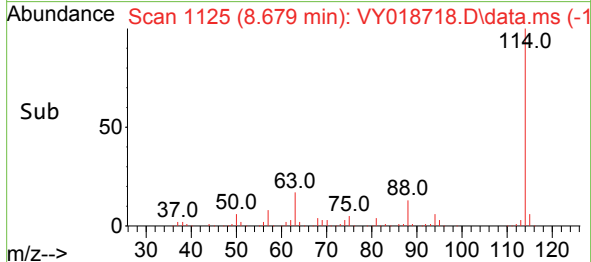
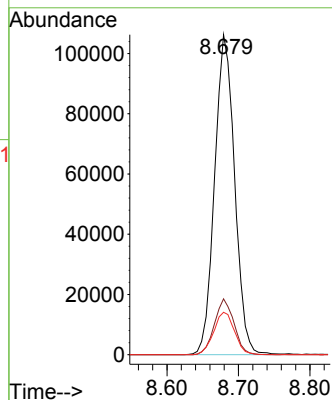
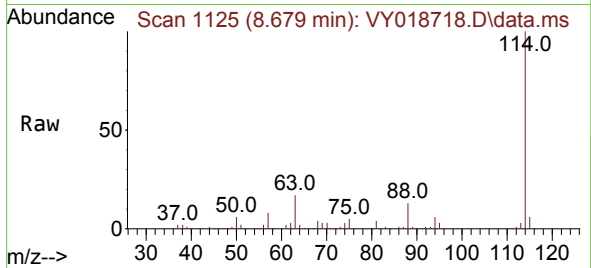




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. 0.000 min
Lab File: VY018718.D
Acq: 27 Jun 2024 14:44

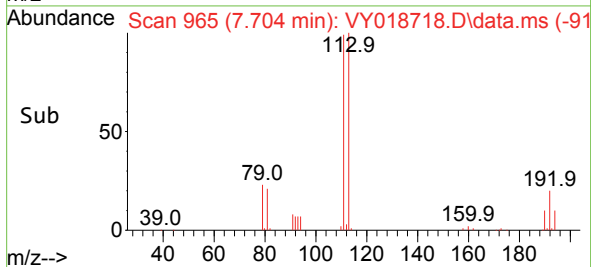
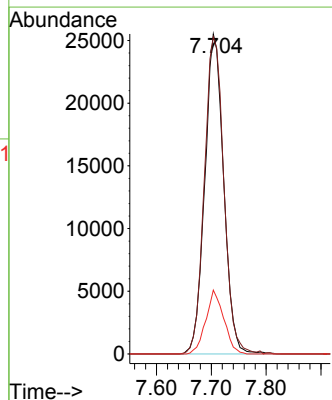
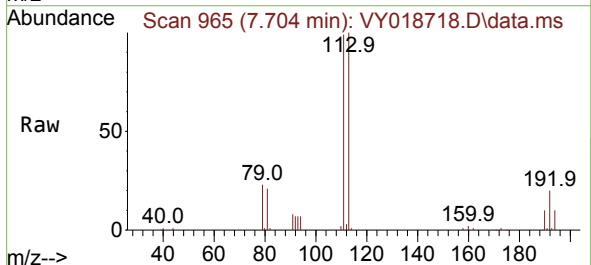
Instrument :
MSVOA_Y
ClientSampleId :

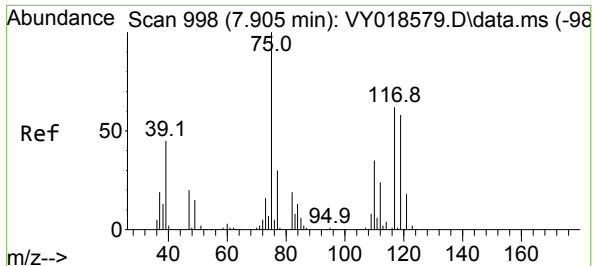
Tgt Ion:114 Resp: 206790
Ion Ratio Lower Upper
114 100
63 17.5 0.0 35.0
88 13.2 0.0 27.2



#35
Dibromofluoromethane
Concen: 48.298 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY018718.D
Acq: 27 Jun 2024 14:44

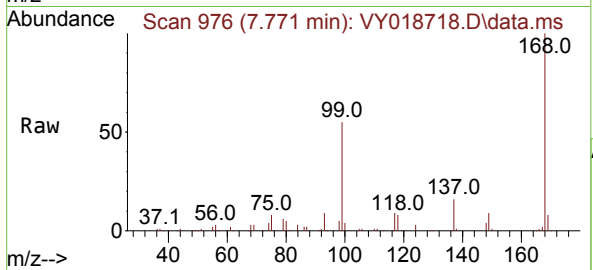
Tgt Ion:113 Resp: 60926
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 19.0 15.9 23.9



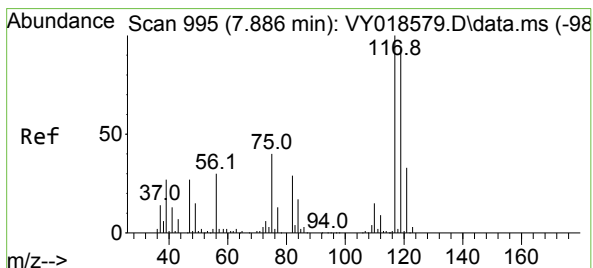
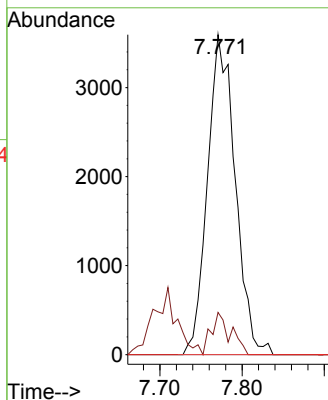
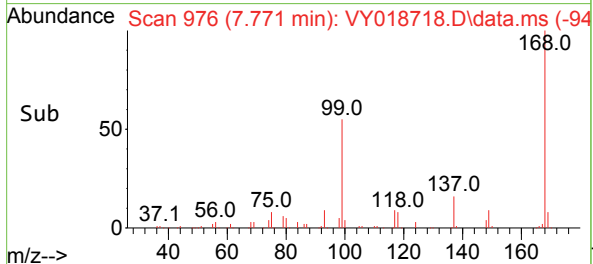


#36
1,1-Dichloropropene
Concen: 4.844 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY018718.D
Acq: 27 Jun 2024 14:44

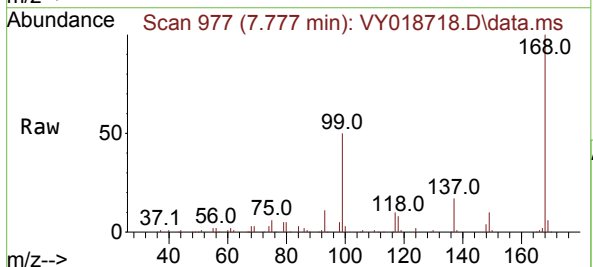
Instrument :
MSVOA_Y
ClientSampleId :



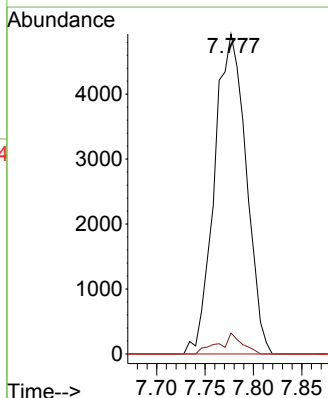
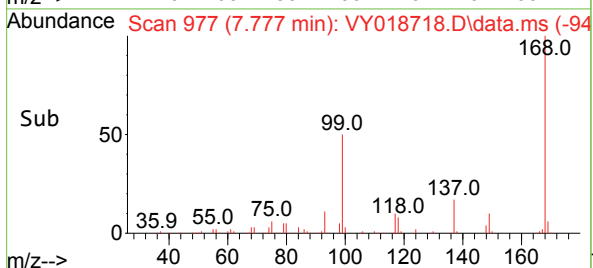
Tgt Ion: 75 Resp: 8410
Ion Ratio Lower Upper
75 100
110 9.7 19.0 57.0#
77 0.0 25.3 37.9#

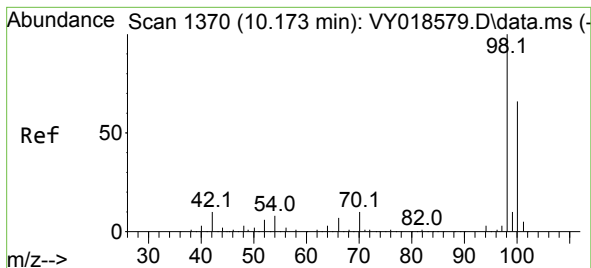


#38
Carbon Tetrachloride
Concen: 6.161 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.110 min
Lab File: VY018718.D
Acq: 27 Jun 2024 14:44



Tgt Ion: 117 Resp: 11223
Ion Ratio Lower Upper
117 100
119 6.6 75.8 113.6#
121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 47.639 ug/l

RT: 10.173 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018718.D

Acq: 27 Jun 2024 14:44

Instrument :

MSVOA_Y

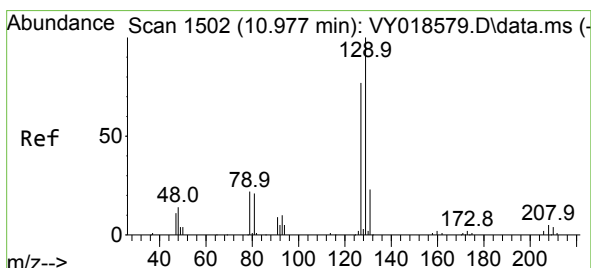
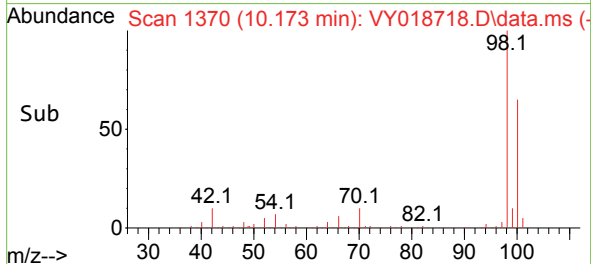
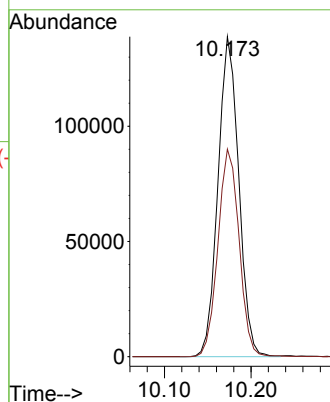
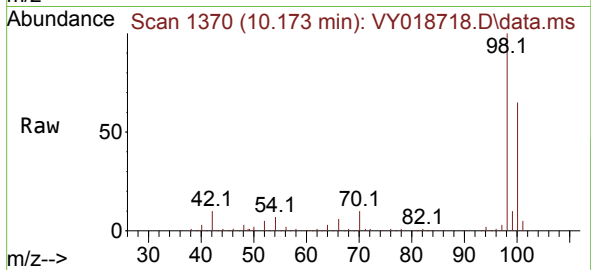
ClientSampleId :

Tgt Ion: 98 Resp: 231103

Ion Ratio Lower Upper

98 100

100 66.3 52.0 78.0



#60

Dibromochloromethane

Concen: 1.912 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.262 min

Lab File: VY018718.D

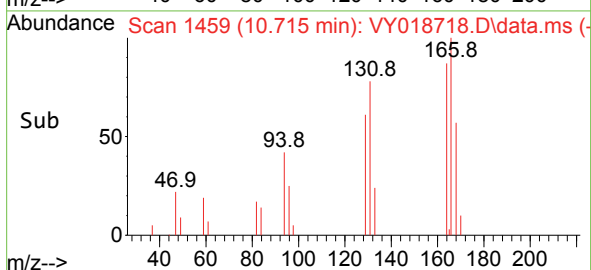
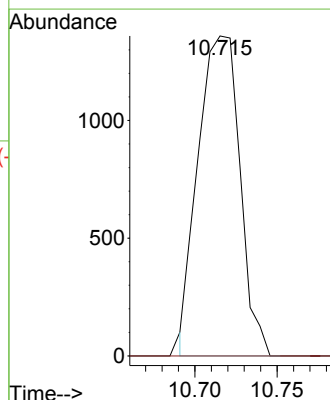
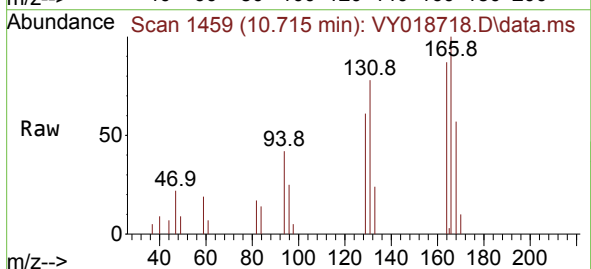
Acq: 27 Jun 2024 14:44

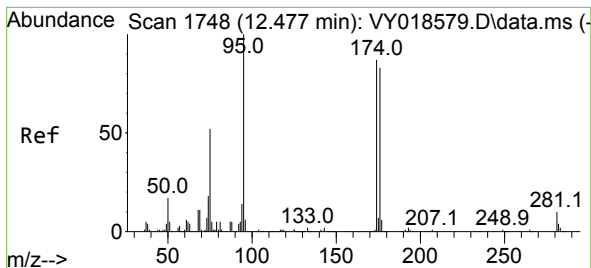
Tgt Ion:129 Resp: 2407

Ion Ratio Lower Upper

129 100

127 0.0 39.0 117.0#

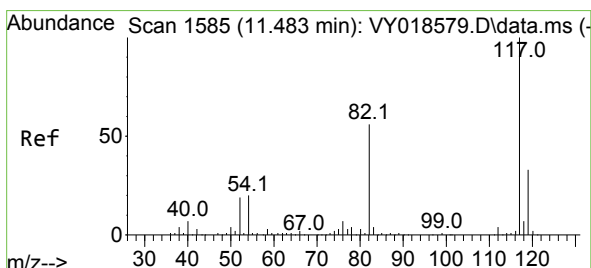
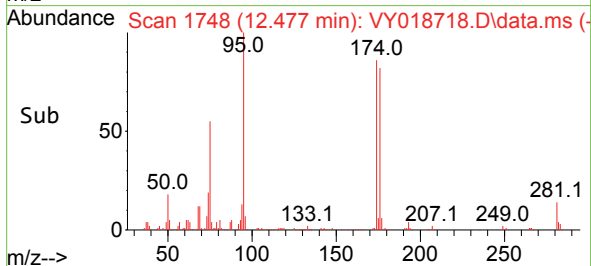
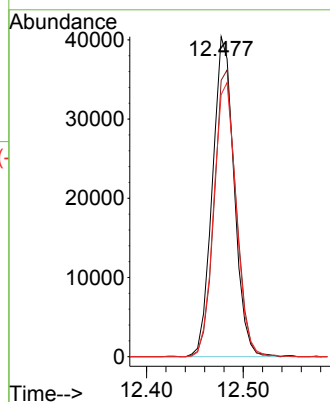
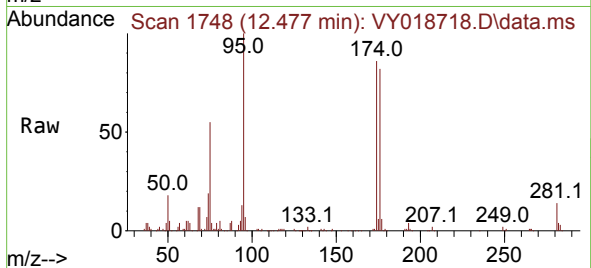




#62
4-Bromofluorobenzene
Concen: 41.017 ug/l
RT: 12.477 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY018718.D
Acq: 27 Jun 2024 14:44

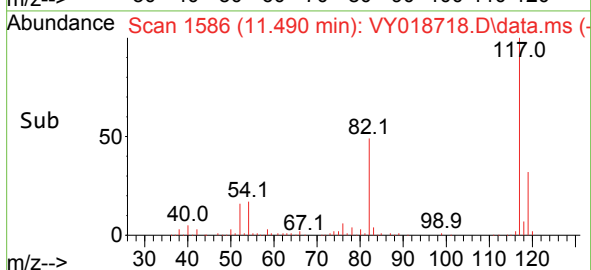
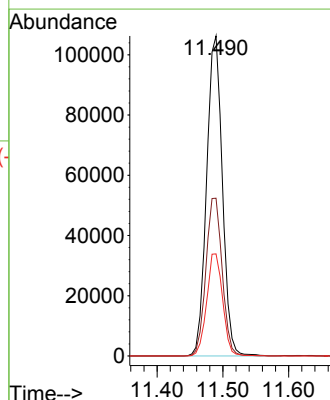
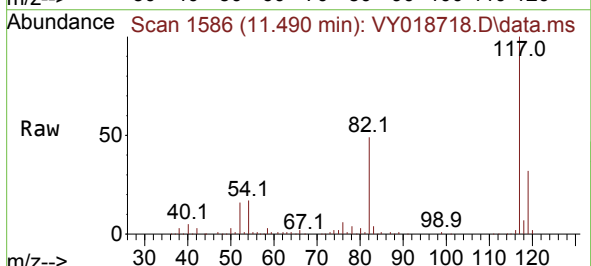
Instrument :
MSVOA_Y
ClientSampleId :

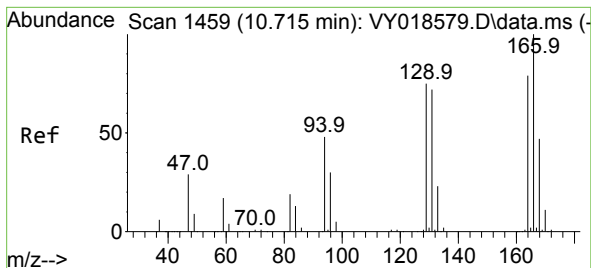
Tgt Ion: 95 Resp: 62831
Ion Ratio Lower Upper
95 100
174 90.3 0.0 175.6
176 88.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VY018718.D
Acq: 27 Jun 2024 14:44

Tgt Ion: 117 Resp: 177021
Ion Ratio Lower Upper
117 100
82 49.3 42.4 63.6
119 31.9 25.9 38.9





#64

Tetrachloroethene

Concen: 2.504 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

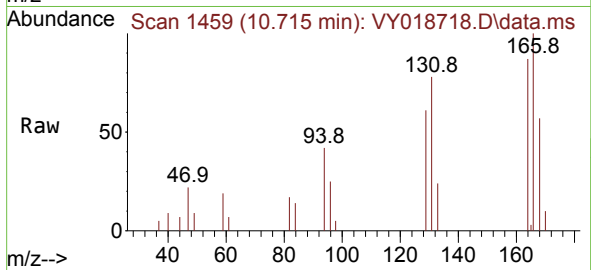
Lab File: VY018718.D

Acq: 27 Jun 2024 14:44

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:164 Resp: 3161

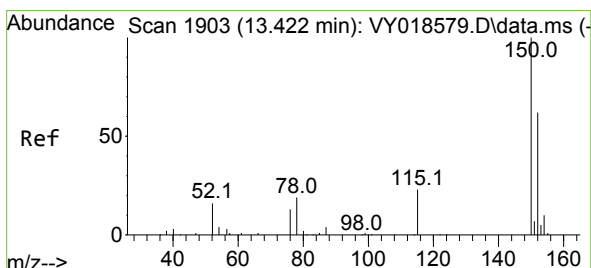
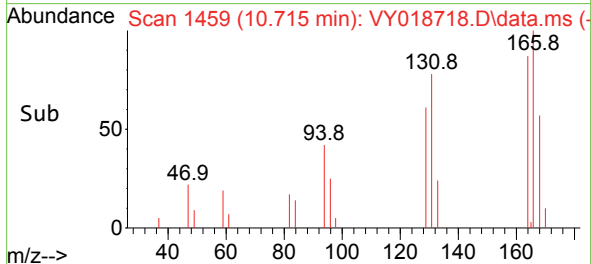
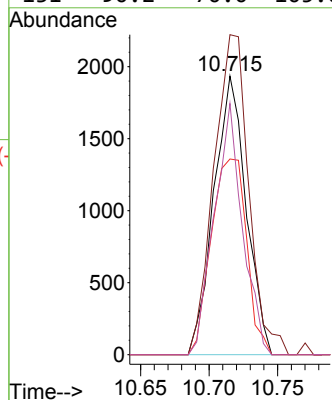
Ion Ratio Lower Upper

164 100

166 114.9 102.6 154.0

129 70.3 72.0 108.0#

131 90.2 70.0 105.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018718.D

Acq: 27 Jun 2024 14:44

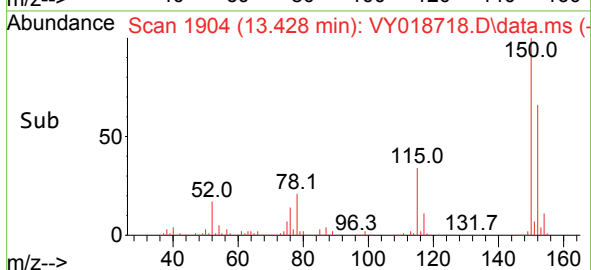
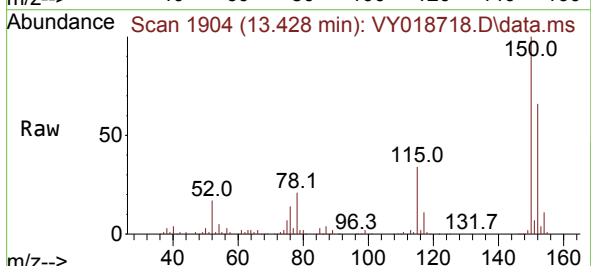
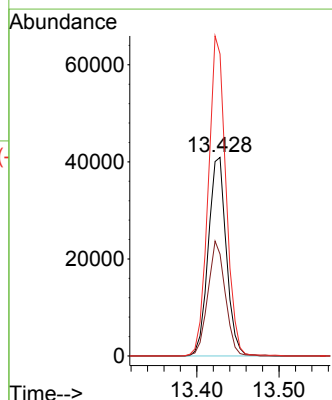
Tgt Ion:152 Resp: 62522

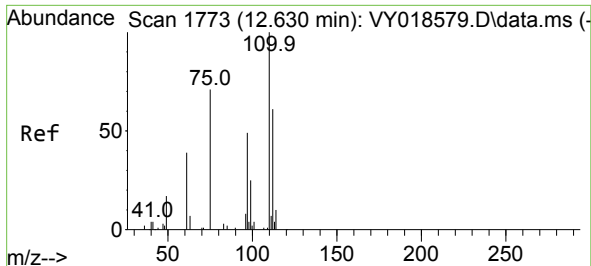
Ion Ratio Lower Upper

152 100

115 55.7 28.2 84.7

150 157.3 0.0 345.6

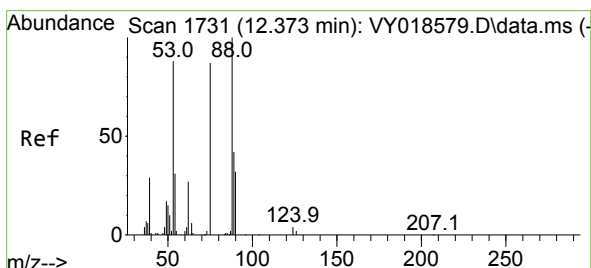
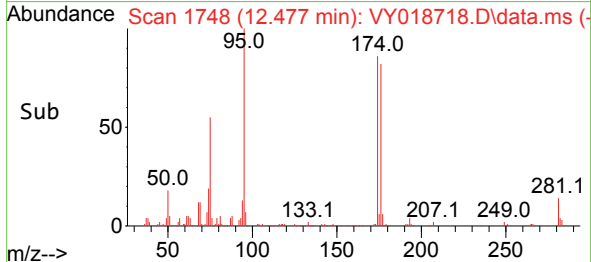
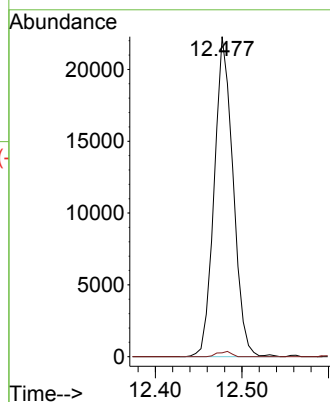
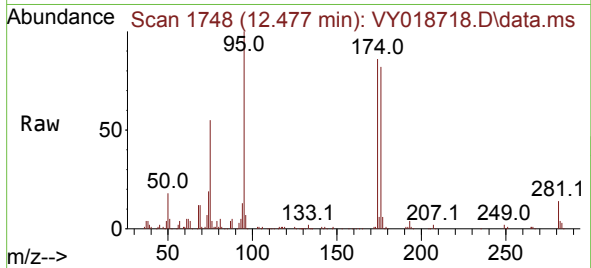




#76
1,2,3-Trichloropropane
Concen: 57.609 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY018718.D
Acq: 27 Jun 2024 14:44

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 33787
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 150.901 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018718.D
Acq: 27 Jun 2024 14:44

Tgt Ion: 75 Resp: 33787
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.4 35.8 53.6#

