

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062624\
 Data File : VY018708.D
 Acq On : 26 Jun 2024 15:31
 Operator : SY/MD
 Sample : P3076-10
 Misc : 6.74g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 27 07:51:28 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)

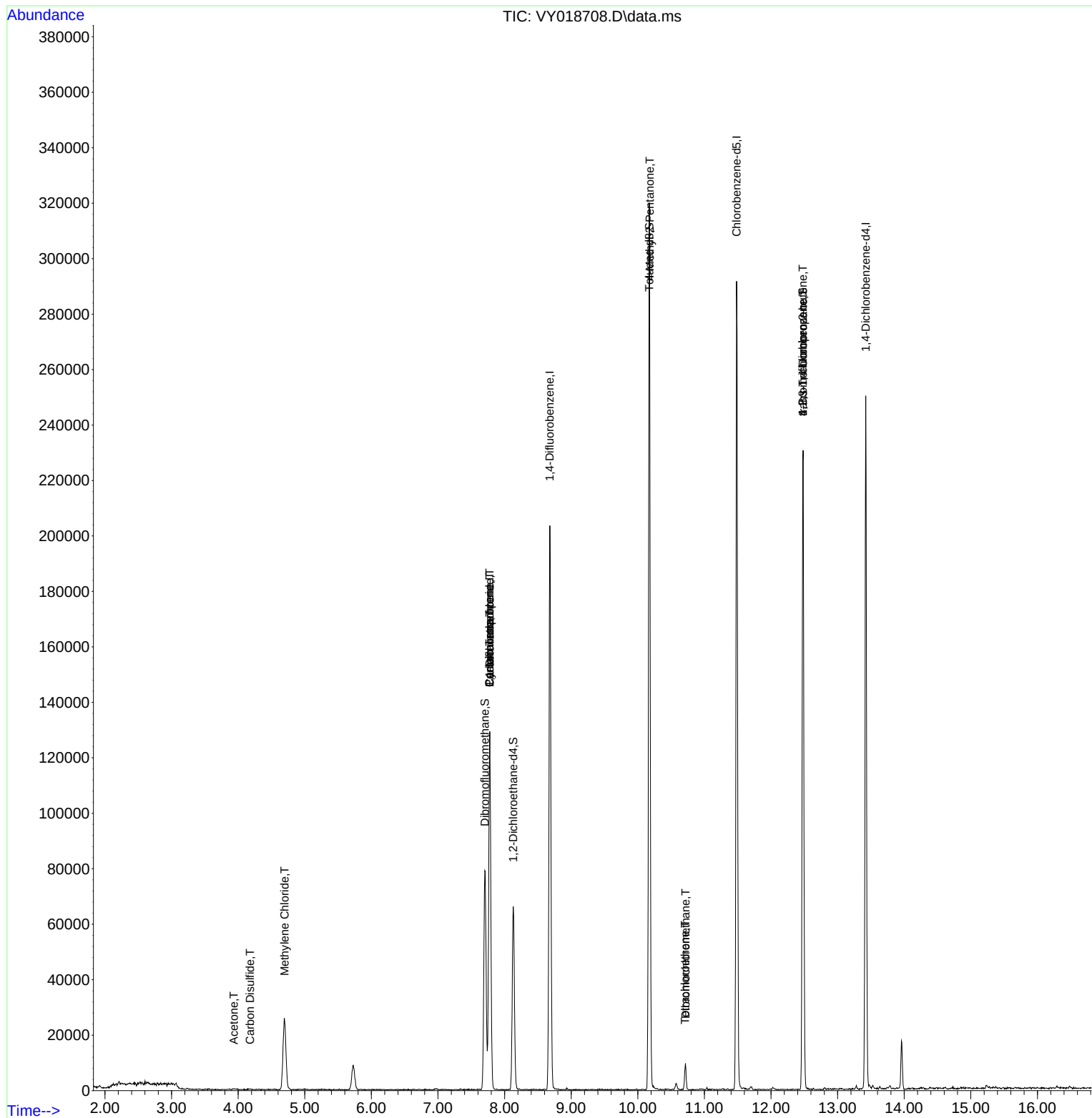
Internal Standards						
1) Pentafluorobenzene	7.777	168	99947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	184384	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	165630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	64714	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	51793	51.471	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.940%			
35) Dibromofluoromethane	7.704	113	56872	50.563	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.120%			
50) Toluene-d8	10.173	98	210843	48.744	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.480%			
62) 4-Bromofluorobenzene	12.477	95	62182	45.526	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 91.060%			
Target Compounds						Qvalue
16) Acetone	3.936	43	631	3.082	ug/l #	66
17) Carbon Disulfide	4.180	76	406	2.354	ug/l #	76
20) Methylene Chloride	4.698	84	20598	8.974	ug/l	94
31) Cyclohexane	7.777	56	1963	1.274	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	7734	4.995	ug/l #	47
38) Carbon Tetrachloride	7.777	117	9629	5.928	ug/l #	15
51) 4-Methyl-2-Pentanone	10.179	43	728	1.015	ug/l #	1
60) Dibromochloromethane	10.715	129	1698	1.513	ug/l #	10
64) Tetrachloroethene	10.709	164	1849	1.565	ug/l	87
76) 1,2,3-Trichloropropane	12.477	75	32717	53.896	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	32717	141.172	ug/l #	16

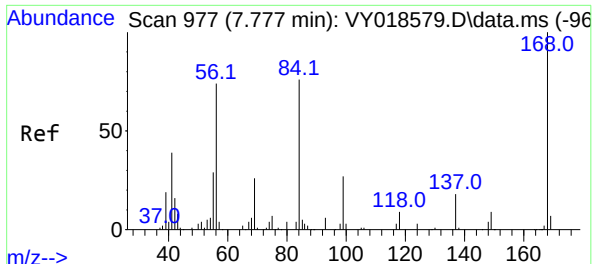
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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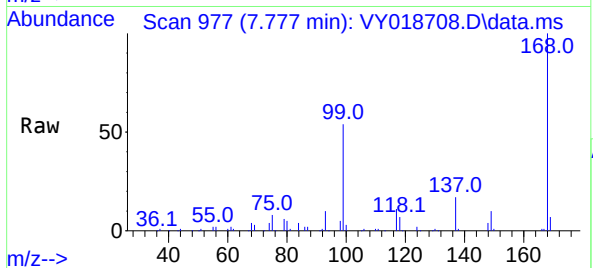
Quant Time: Jun 27 07:51:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 14 07:08:24 2024
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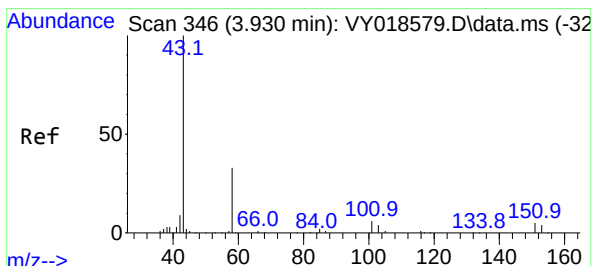
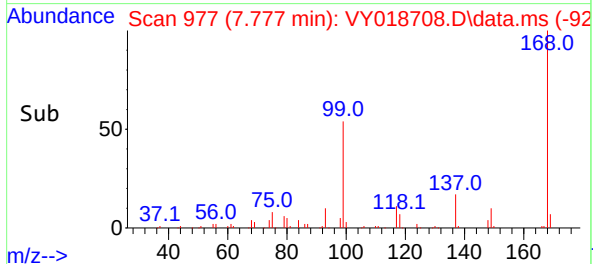
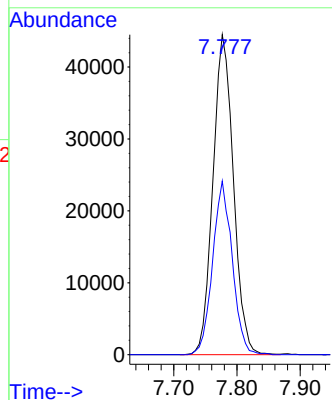


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018708.D
Acq: 26 Jun 2024 15:31

Instrument :
MSVOA_Y
ClientSampleId :

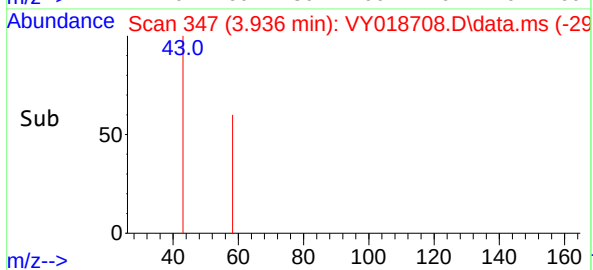
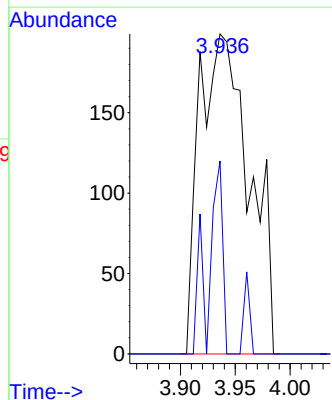
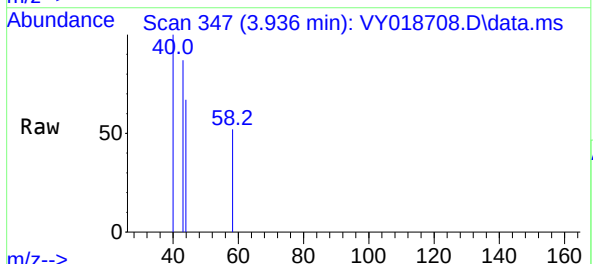


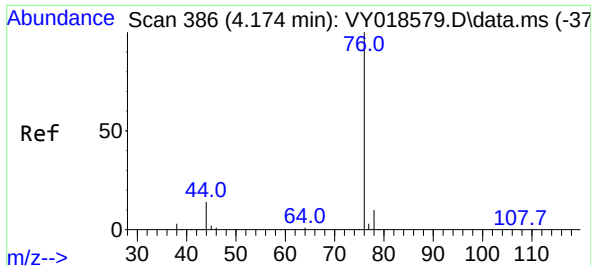
Tgt Ion:168 Resp: 99947
Ion Ratio Lower Upper
168 100
99 54.3 39.1 58.7



#16
Acetone
Concen: 3.082 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY018708.D
Acq: 26 Jun 2024 15:31

Tgt Ion: 43 Resp: 631
Ion Ratio Lower Upper
43 100
58 60.3 31.7 47.5#

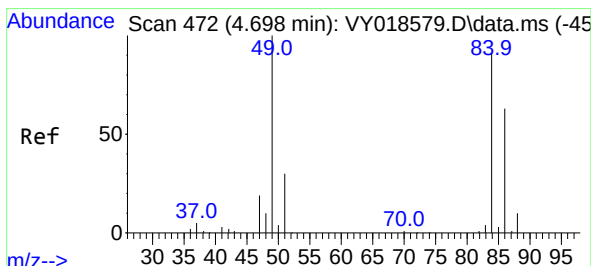
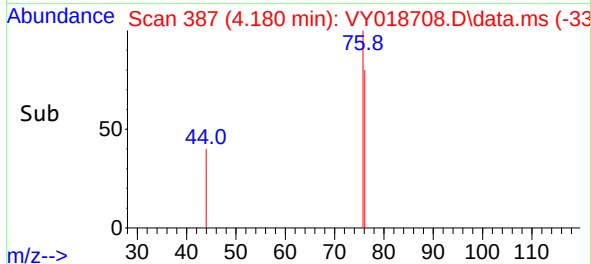
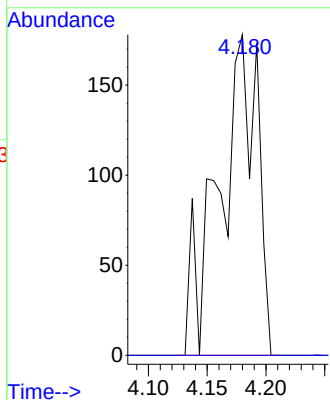
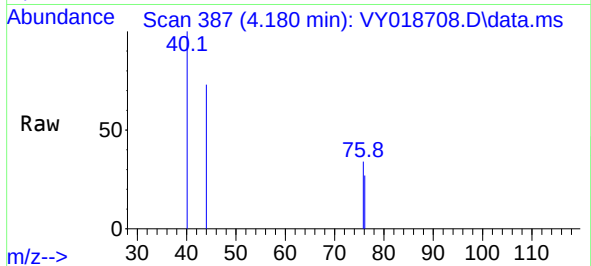




#17
Carbon Disulfide
Concen: 2.354 ug/l
RT: 4.180 min Scan# 386
Delta R.T. 0.006 min
Lab File: VY018708.D
Acq: 26 Jun 2024 15:31

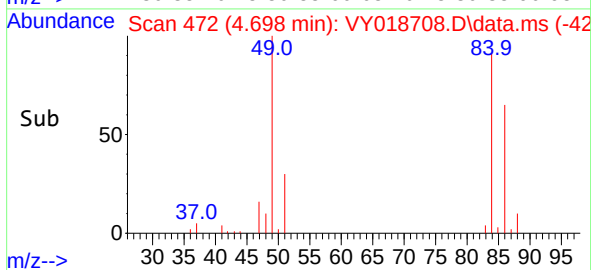
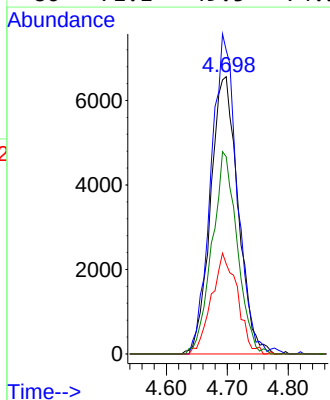
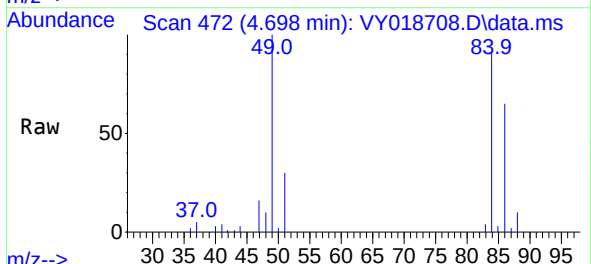
Instrument :
MSVOA_Y
ClientSampleId :

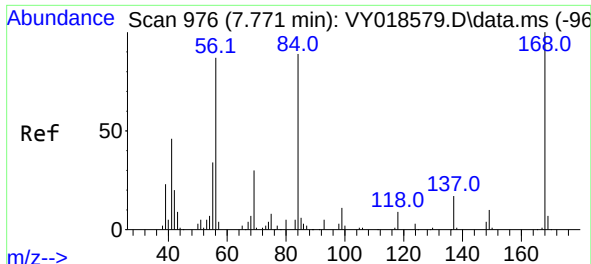
Tgt Ion: 76 Resp: 406
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



#20
Methylene Chloride
Concen: 8.974 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY018708.D
Acq: 26 Jun 2024 15:31

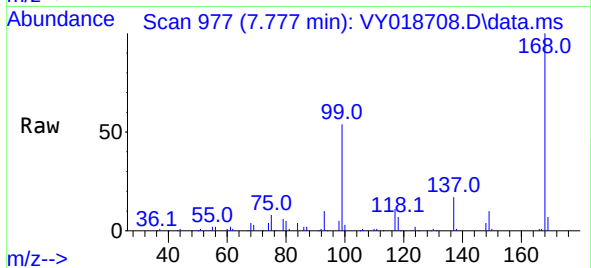
Tgt Ion: 84 Resp: 20598
Ion Ratio Lower Upper
84 100
49 109.5 84.4 126.6
51 32.5 26.0 39.0
86 71.1 49.5 74.3



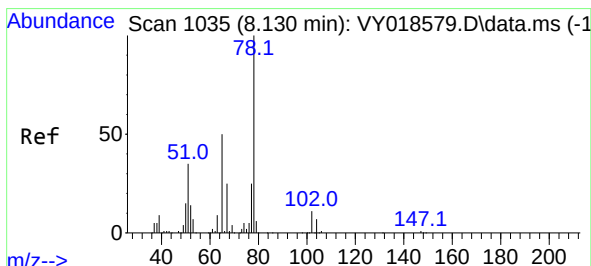
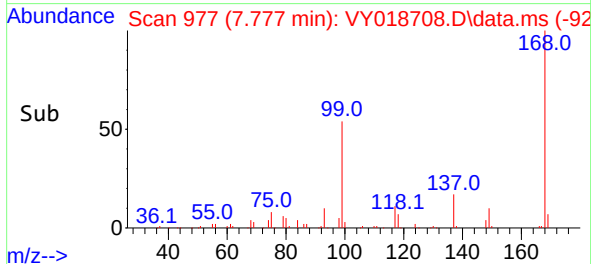
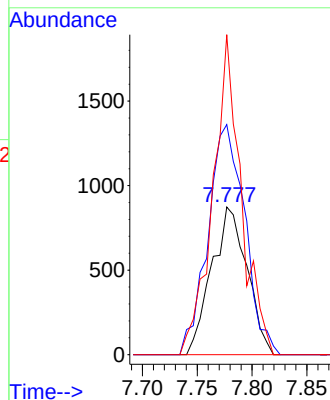


#31
Cyclohexane
Concen: 1.274 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018708.D
Acq: 26 Jun 2024 15:31

Instrument :
MSVOA_Y
ClientSampleId :

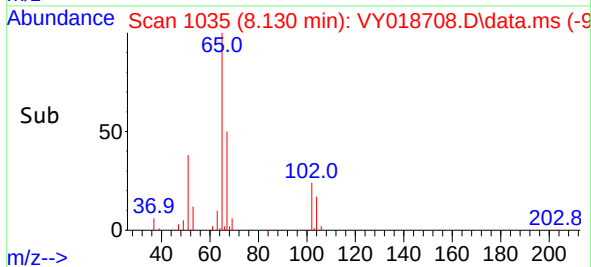
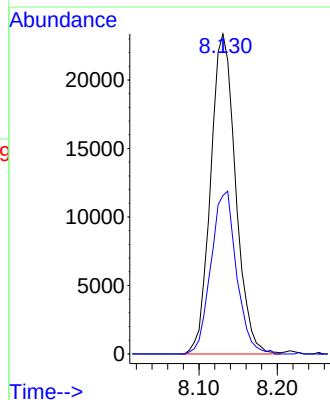
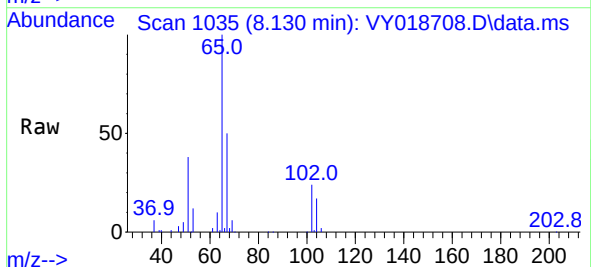


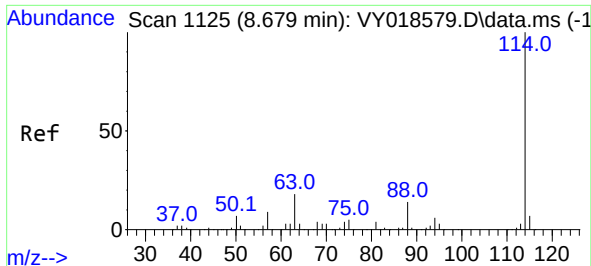
Tgt Ion: 56 Resp: 1963
Ion Ratio Lower Upper
56 100
69 155.7 28.7 43.1#
84 216.6 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 51.471 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018708.D
Acq: 26 Jun 2024 15:31

Tgt Ion: 65 Resp: 51793
Ion Ratio Lower Upper
65 100
67 51.9 0.0 109.6

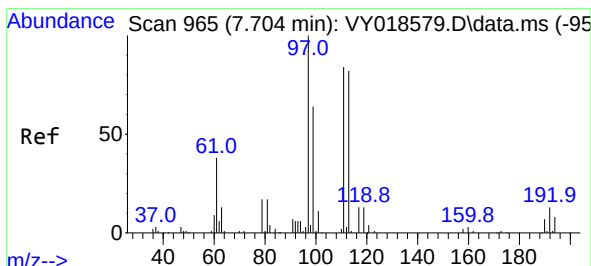
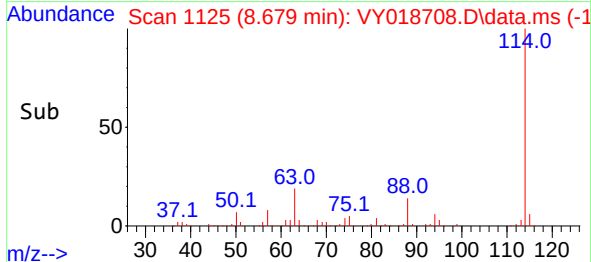
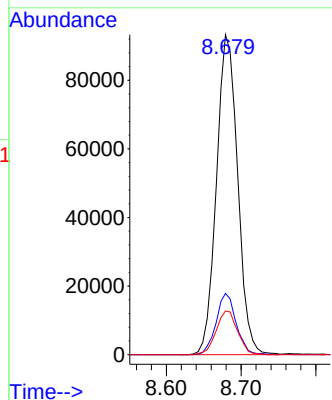
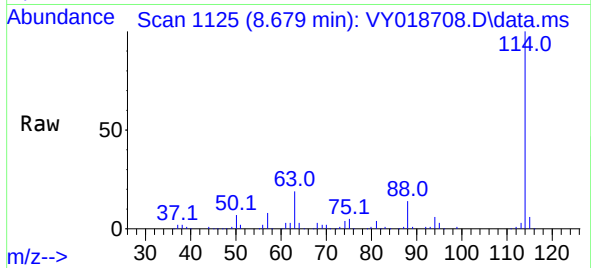




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. 0.000 min
Lab File: VY018708.D
Acq: 26 Jun 2024 15:31

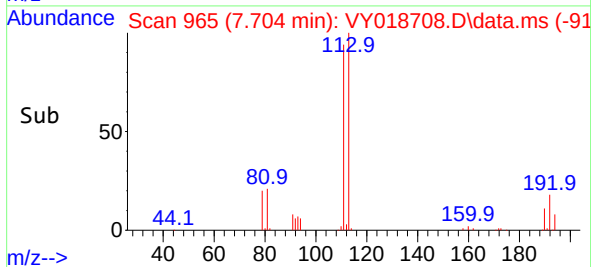
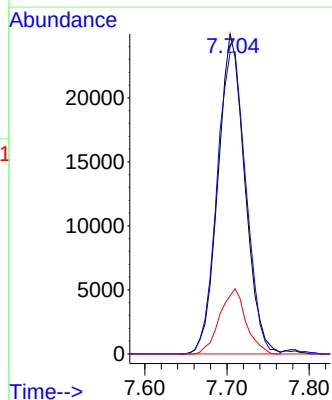
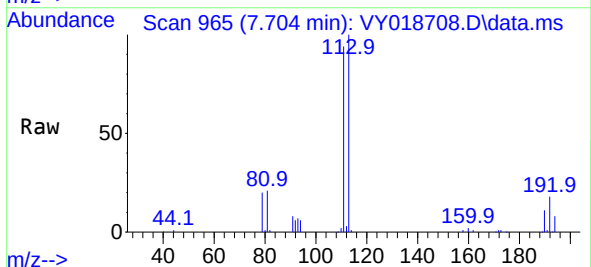
Instrument :
MSVOA_Y
ClientSampleId :

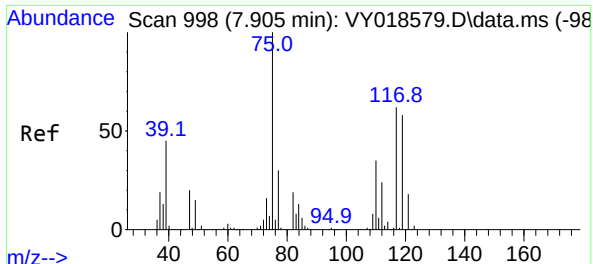
Tgt Ion:114 Resp: 184384
Ion Ratio Lower Upper
114 100
63 19.2 0.0 35.0
88 13.6 0.0 27.2



#35
Dibromofluoromethane
Concen: 50.563 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY018708.D
Acq: 26 Jun 2024 15:31

Tgt Ion:113 Resp: 56872
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 19.9 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.995 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY018708.D

Acq: 26 Jun 2024 15:31

Instrument :

MSVOA_Y

ClientSampleId :

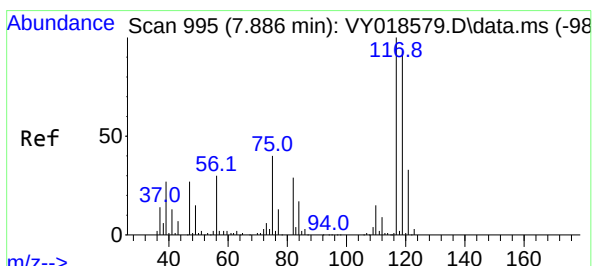
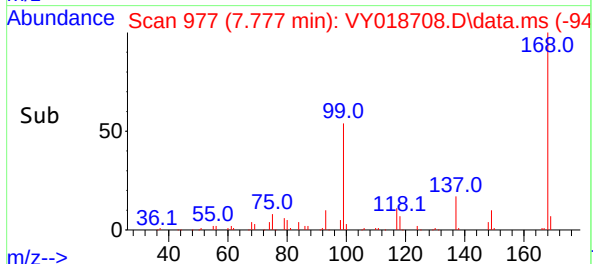
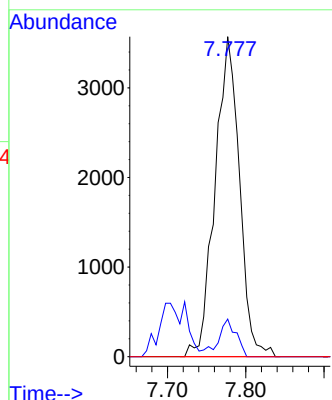
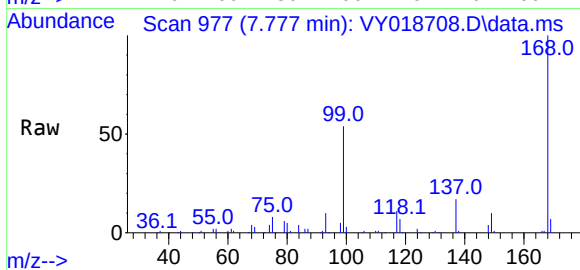
Tgt Ion: 75 Resp: 7734

Ion Ratio Lower Upper

75 100

110 8.4 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.928 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.110 min

Lab File: VY018708.D

Acq: 26 Jun 2024 15:31

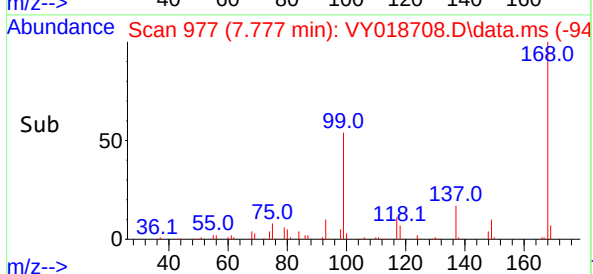
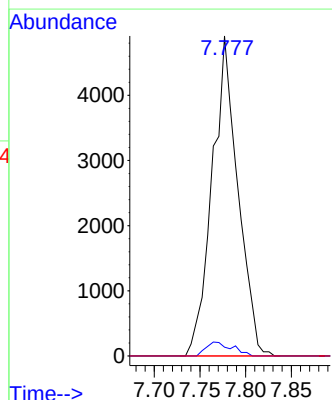
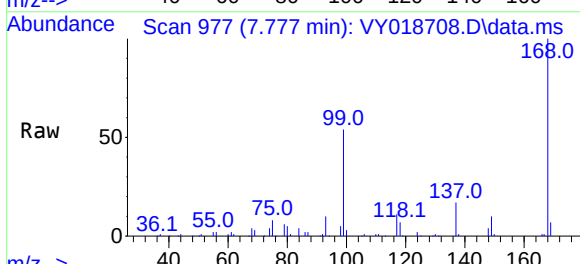
Tgt Ion: 117 Resp: 9629

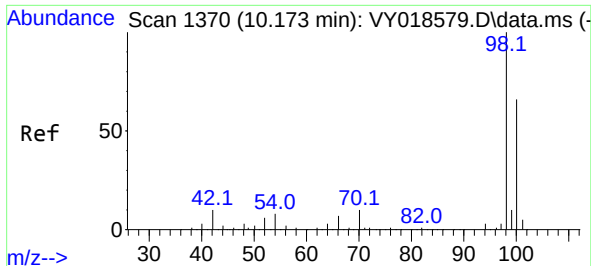
Ion Ratio Lower Upper

117 100

119 2.8 75.8 113.6#

121 0.0 24.0 36.0#

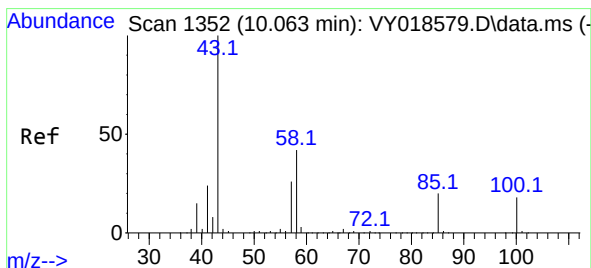
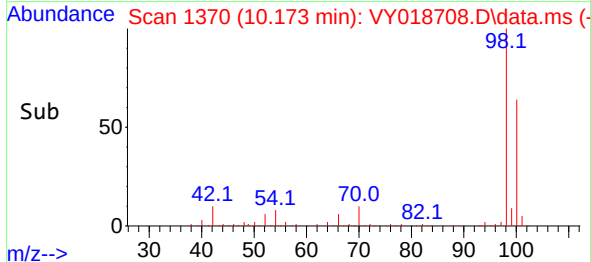
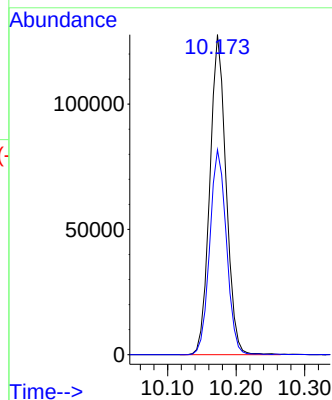
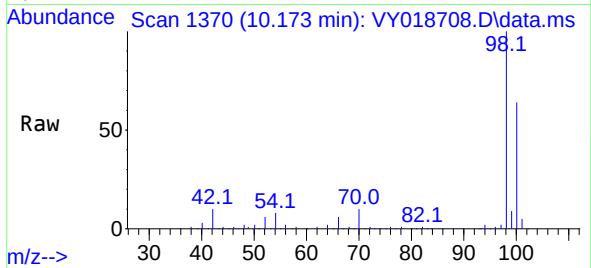




#50
Toluene-d8
Concen: 48.744 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018708.D
Acq: 26 Jun 2024 15:31

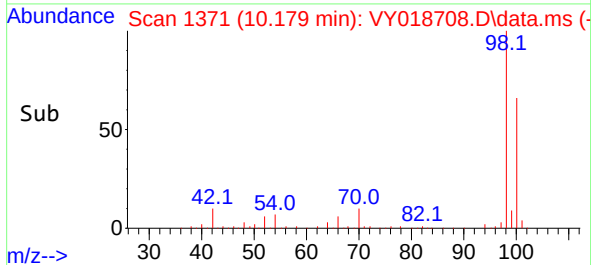
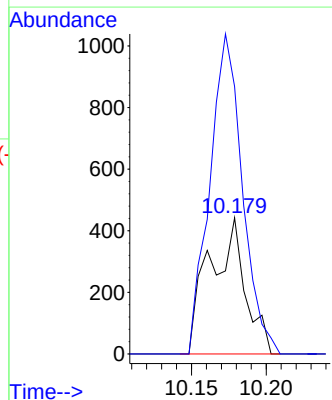
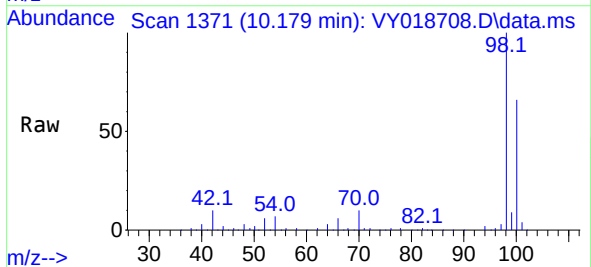
Instrument :
MSVOA_Y
ClientSampleId :

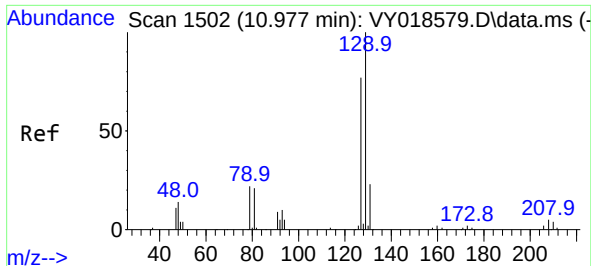
Tgt Ion: 98 Resp: 210843
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.015 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.116 min
Lab File: VY018708.D
Acq: 26 Jun 2024 15:31

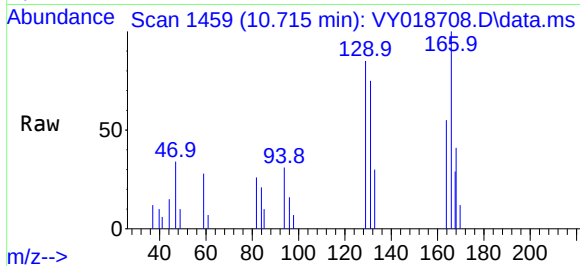
Tgt Ion: 43 Resp: 728
Ion Ratio Lower Upper
43 100
58 217.0 35.7 53.5#



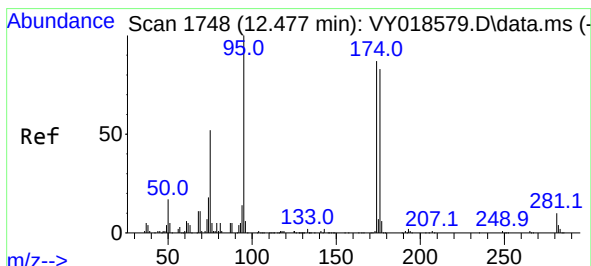
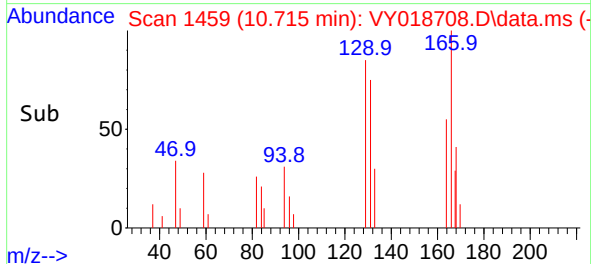
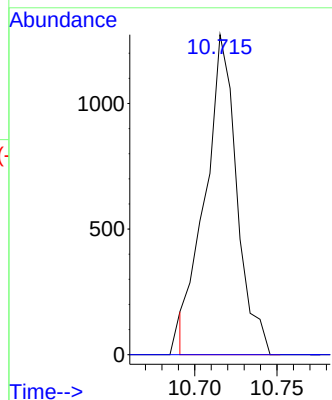


#60
Dibromochloromethane
Concen: 1.513 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.262 min
Lab File: VY018708.D
Acq: 26 Jun 2024 15:31

Instrument :
MSVOA_Y
ClientSampleId :

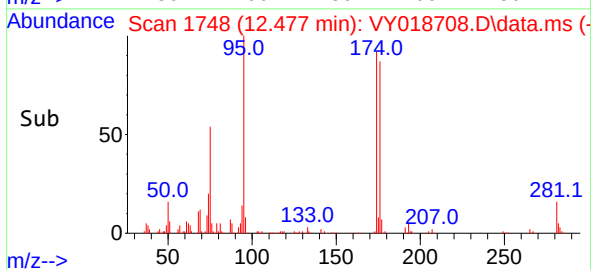
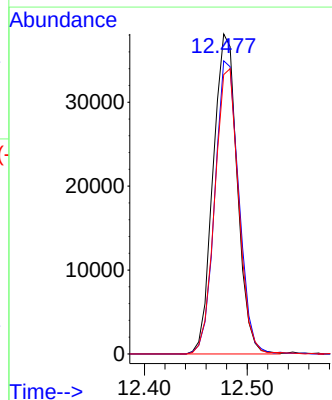
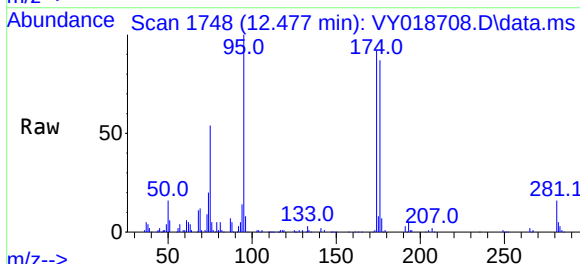


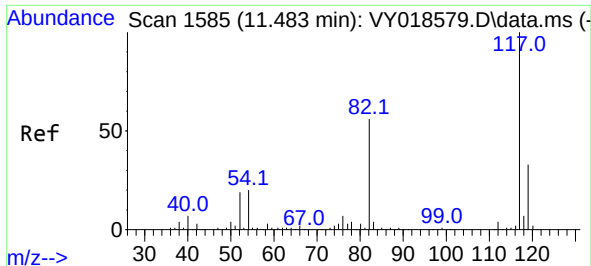
Tgt Ion:129 Resp: 1698
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#



#62
4-Bromofluorobenzene
Concen: 45.526 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018708.D
Acq: 26 Jun 2024 15:31

Tgt Ion: 95 Resp: 62182
Ion Ratio Lower Upper
95 100
174 90.7 0.0 175.6
176 87.9 0.0 171.4

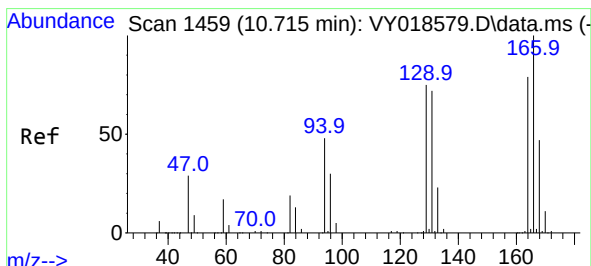
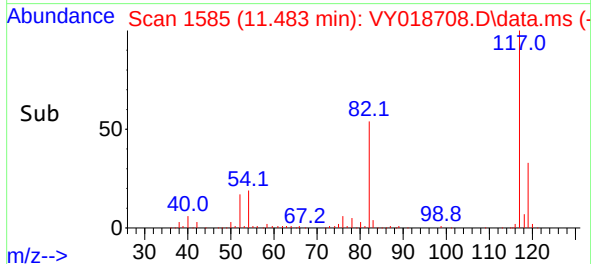
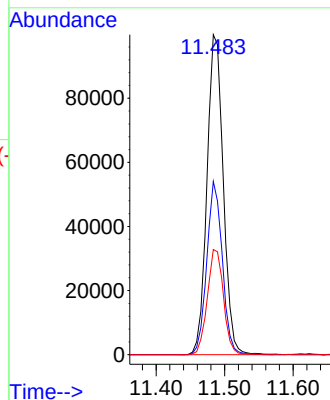
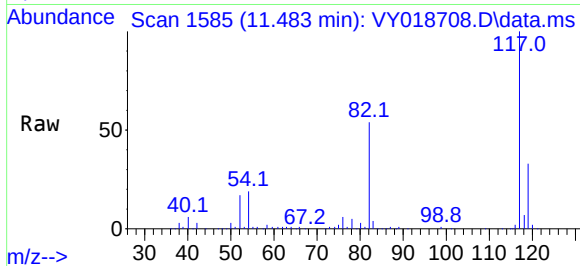




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018708.D
Acq: 26 Jun 2024 15:31

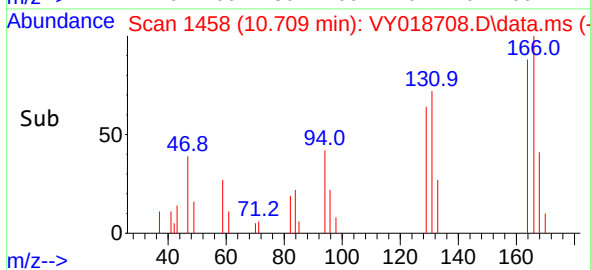
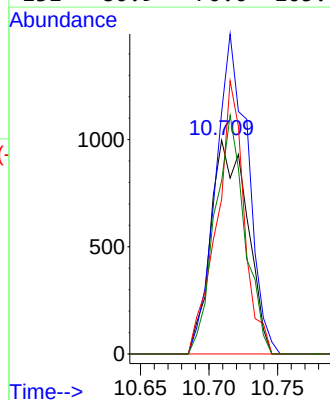
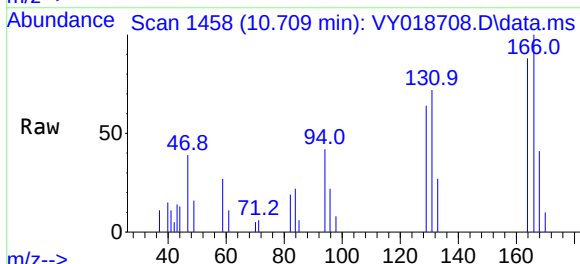
Instrument :
MSVOA_Y
ClientSampleId :

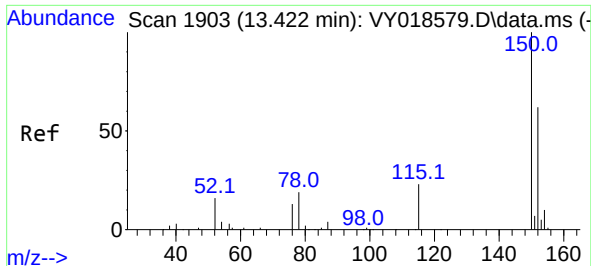
Tgt Ion:117 Resp: 165630
Ion Ratio Lower Upper
117 100
82 54.2 42.4 63.6
119 32.9 25.9 38.9



#64
Tetrachloroethene
Concen: 1.565 ug/l
RT: 10.709 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VY018708.D
Acq: 26 Jun 2024 15:31

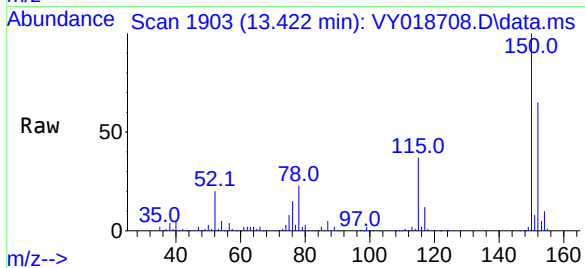
Tgt Ion:164 Resp: 1849
Ion Ratio Lower Upper
164 100
166 113.1 102.6 154.0
129 72.4 72.0 108.0
131 80.9 70.0 105.0



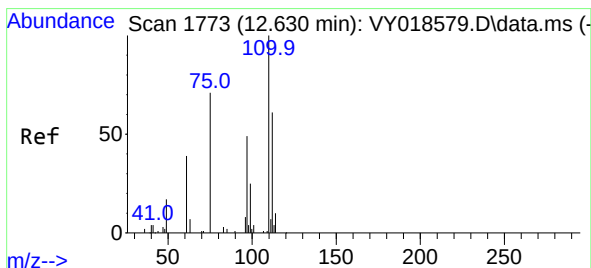
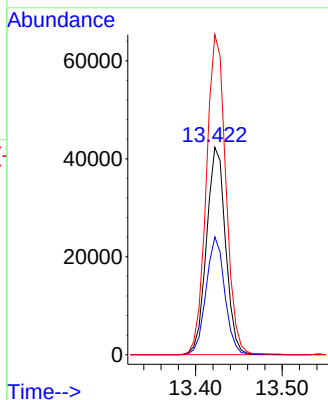
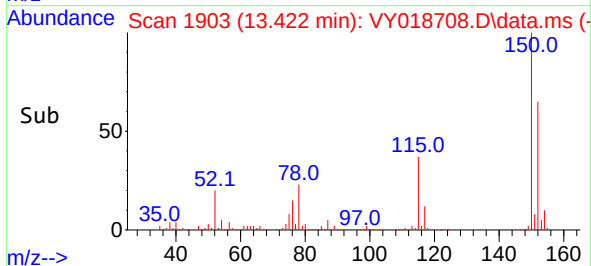


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY018708.D
Acq: 26 Jun 2024 15:31

Instrument :
MSVOA_Y
ClientSampleId :

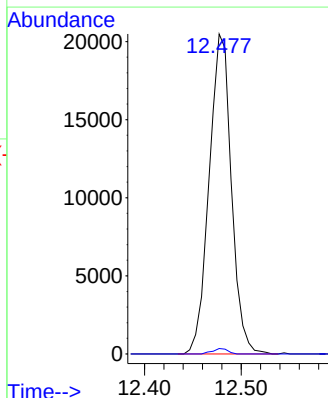
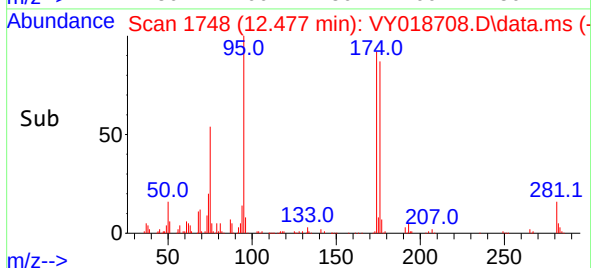
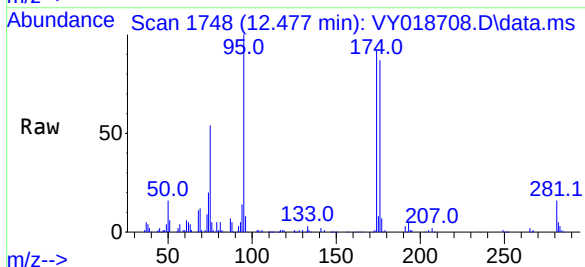


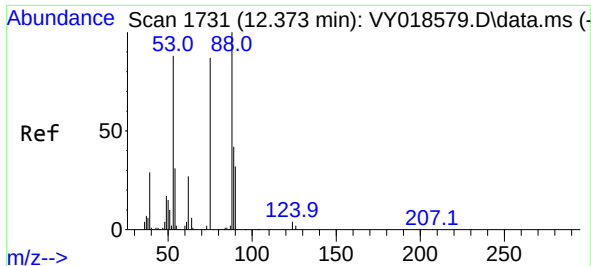
Tgt Ion:152 Resp: 64714
Ion Ratio Lower Upper
152 100
115 55.6 28.2 84.7
150 157.8 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 53.896 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY018708.D
Acq: 26 Jun 2024 15:31

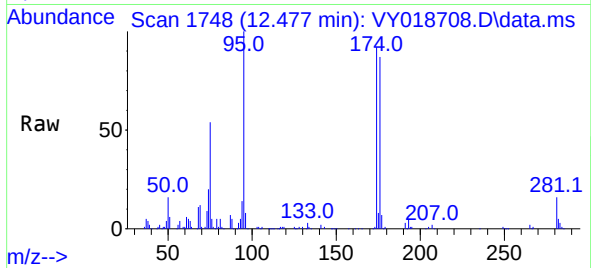
Tgt Ion: 75 Resp: 32717
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 141.172 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018708.D
 Acq: 26 Jun 2024 15:31

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 32717

Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.1	35.8	53.6#

