

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071124\
 Data File : VY018778.D
 Acq On : 11 Jul 2024 15:10
 Operator : SY/MD
 Sample : P3193-01
 Misc : 7.17g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 12 01:39:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

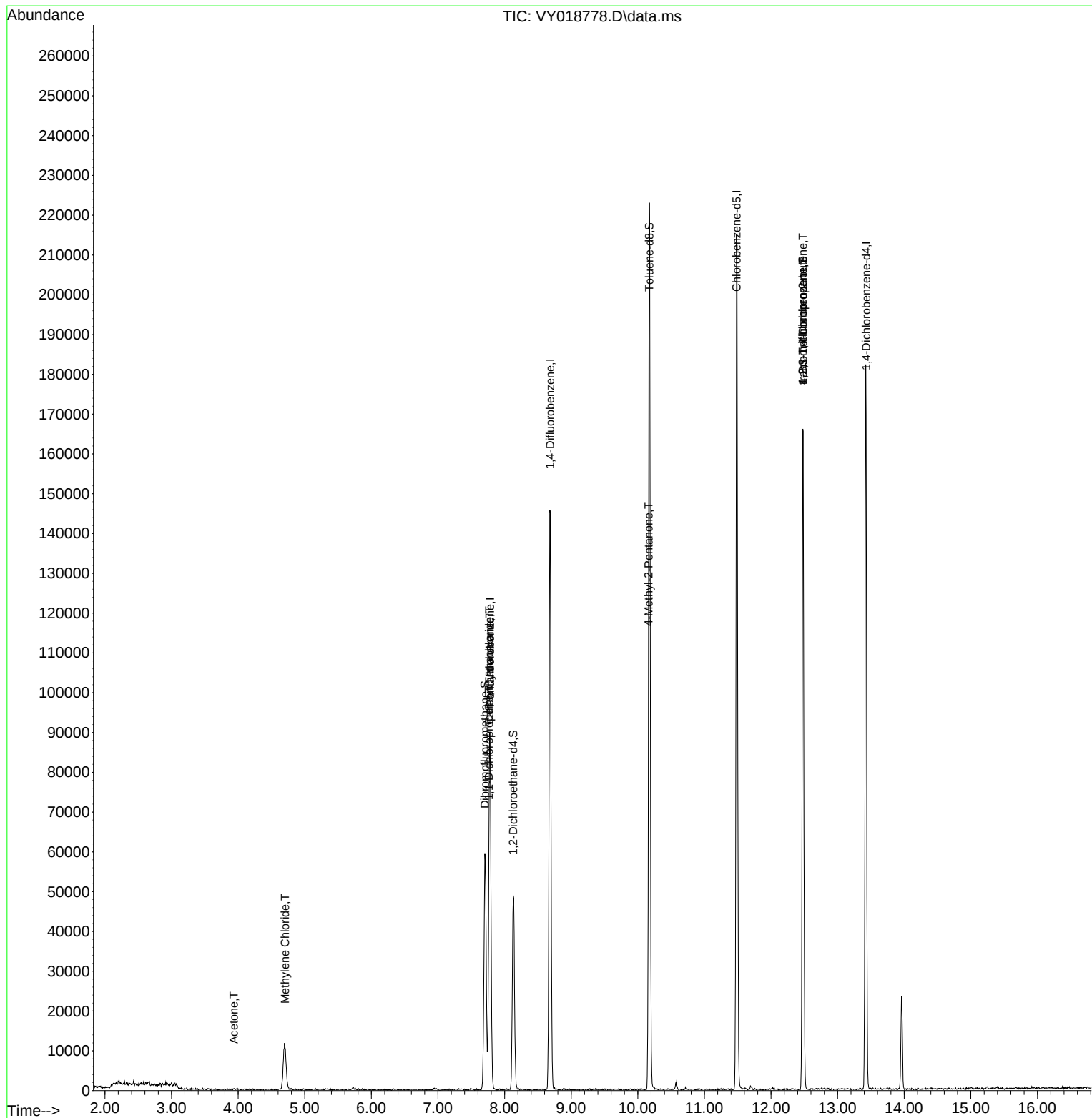
Internal Standards						
1) Pentafluorobenzene	7.783	168	72065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	129036	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	117150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	47954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	38495	54.285	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.560%	
35) Dibromofluoromethane	7.704	113	41918	51.867	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.740%	
50) Toluene-d8	10.173	98	147207	48.078	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.160%	
62) 4-Bromofluorobenzene	12.477	95	46430	44.404	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.800%	
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	252	1.928	ug/l #	36
20) Methylene Chloride	4.704	84	8866	7.783	ug/l	99
31) Cyclohexane	7.777	56	1472	1.351	ug/l #	31
36) 1,1-Dichloropropene	7.765	75	5411	4.852	ug/l #	46
38) Carbon Tetrachloride	7.771	117	7388	5.500	ug/l #	15
51) 4-Methyl-2-Pentanone	10.160	43	780	1.656	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	24757	65.916	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	24757	147.524	ug/l #	16

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

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Quant Title : SW846 8260
QLast Update : Tue Jul 09 14:28:51 2024
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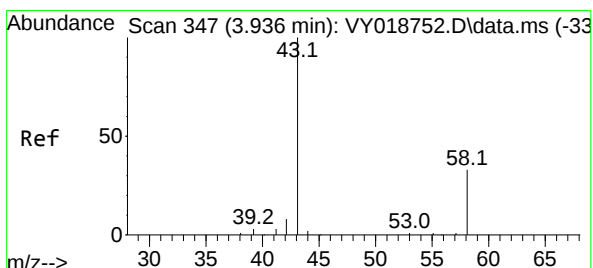
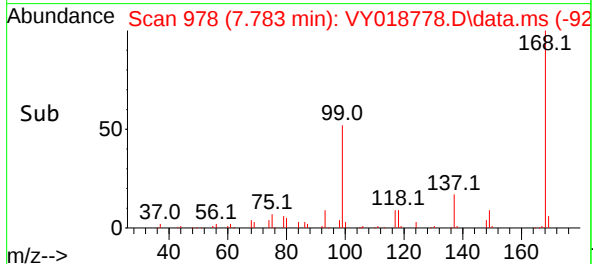
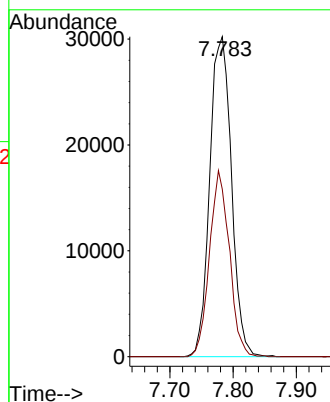
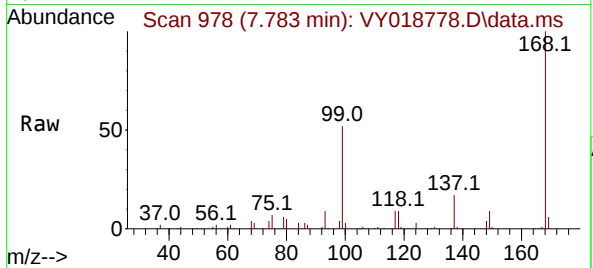




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018778.D
Acq: 11 Jul 2024 15:10

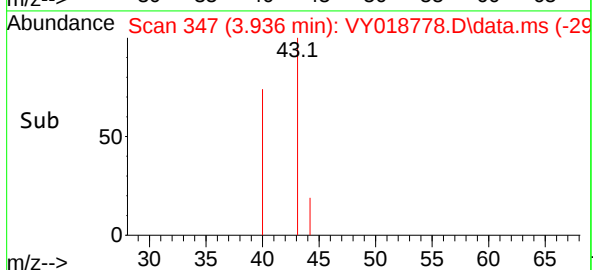
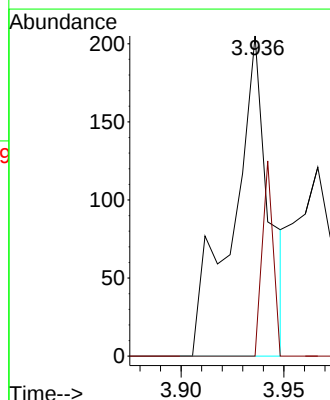
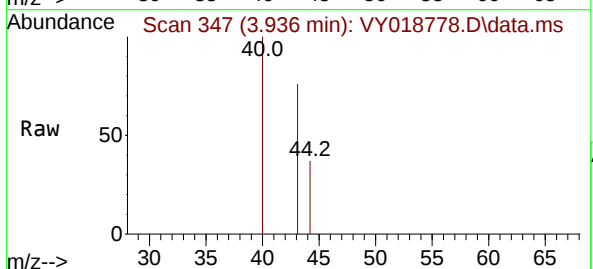
Instrument :
MSVOA_Y
ClientSampleId :

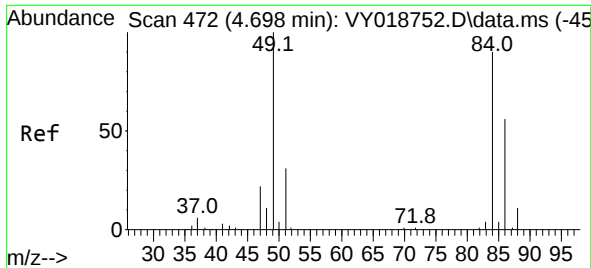
Tgt Ion:168 Resp: 72065
Ion Ratio Lower Upper
168 100
99 52.4 39.1 58.7



#16
Acetone
Concen: 1.928 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY018778.D
Acq: 11 Jul 2024 15:10

Tgt Ion: 43 Resp: 252
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



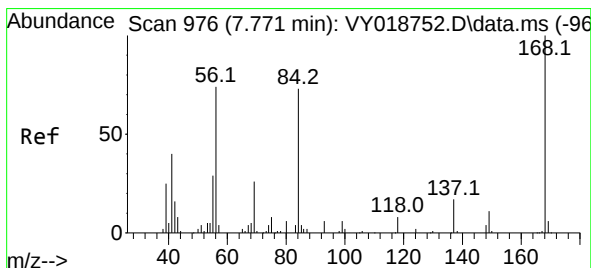
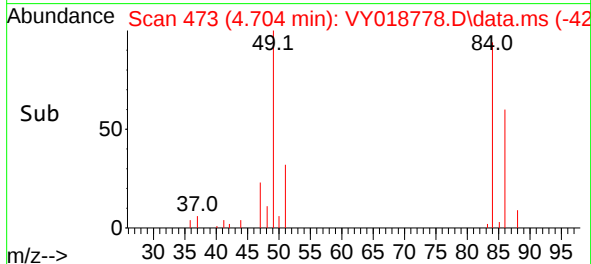
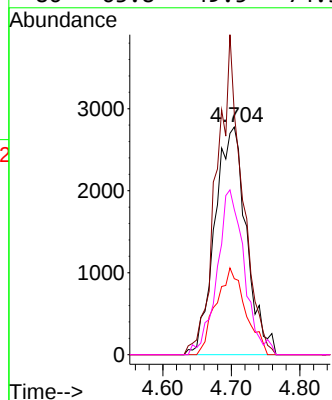
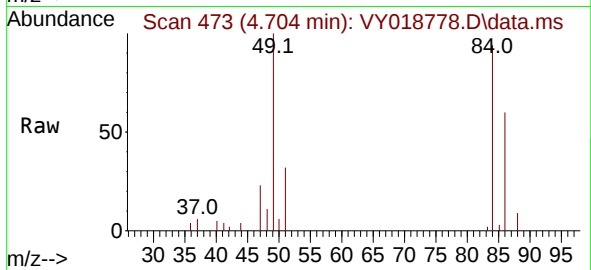


#20
Methylene Chloride
Concen: 7.783 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY018778.D
Acq: 11 Jul 2024 15:10

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 8866

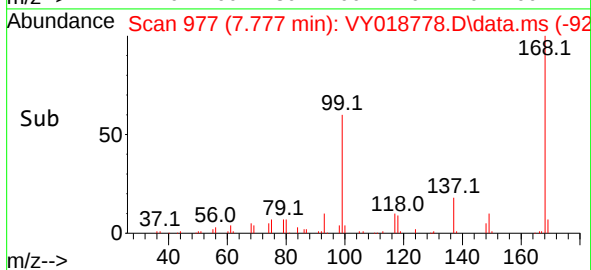
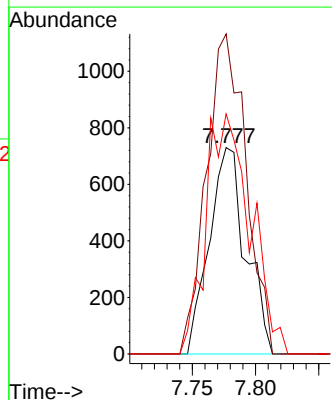
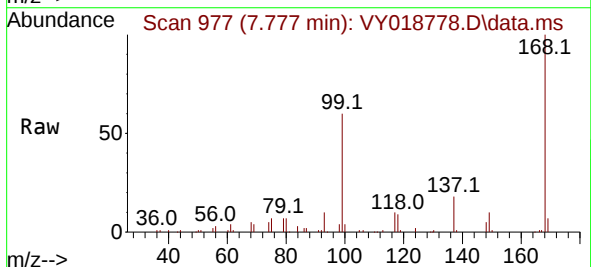
Ion	Ratio	Lower	Upper
84	100		
49	106.0	84.4	126.6
51	33.4	26.0	39.0
86	63.8	49.5	74.3

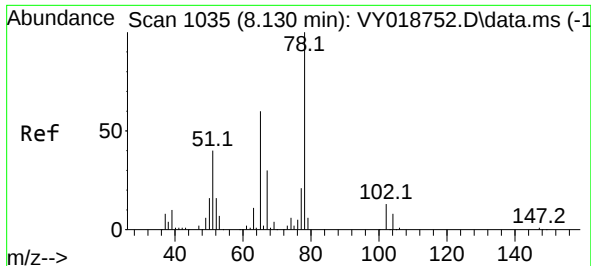


#31
Cyclohexane
Concen: 1.351 ug/l
RT: 7.777 min Scan# 977
Delta R.T. 0.006 min
Lab File: VY018778.D
Acq: 11 Jul 2024 15:10

Tgt Ion: 56 Resp: 1472

Ion	Ratio	Lower	Upper
56	100		
69	155.1	28.7	43.1#
84	116.3	77.7	116.5





#33

1,2-Dichloroethane-d4

Concen: 54.285 ug/l

RT: 8.130 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY018778.D

Acq: 11 Jul 2024 15:10

Instrument :

MSVOA_Y

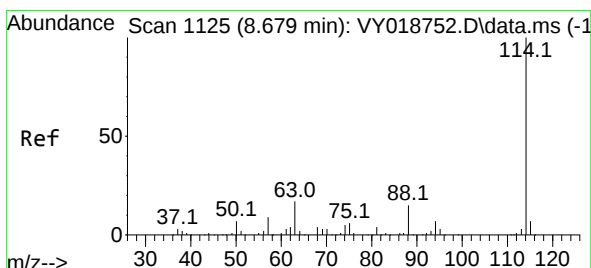
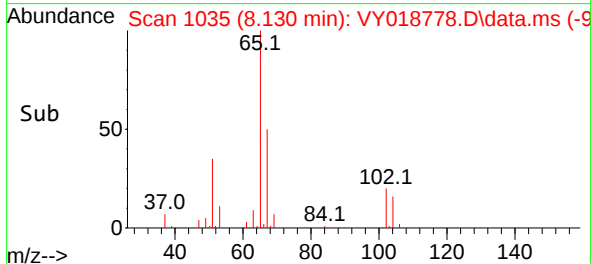
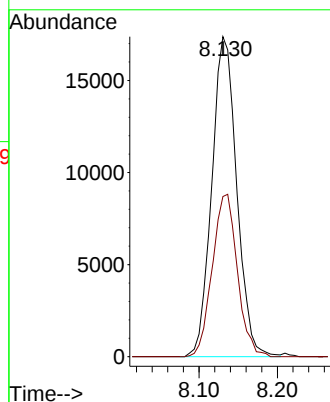
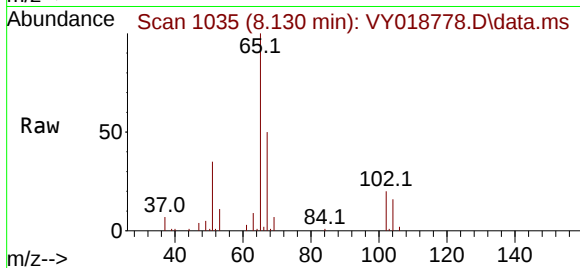
ClientSampleId :

Tgt Ion: 65 Resp: 38495

Ion Ratio Lower Upper

65 100

67 50.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY018778.D

Acq: 11 Jul 2024 15:10

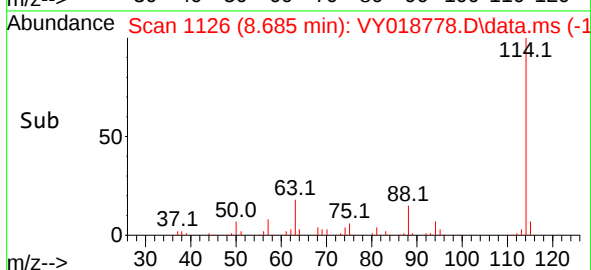
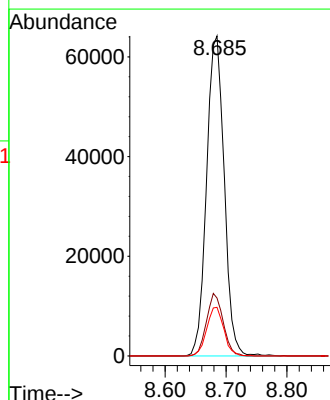
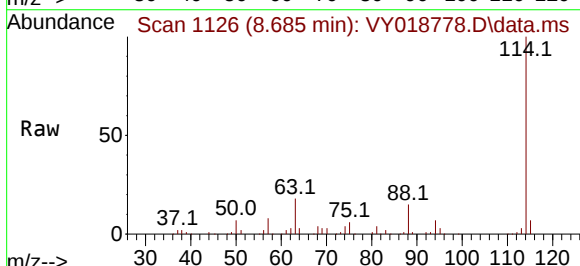
Tgt Ion: 114 Resp: 129036

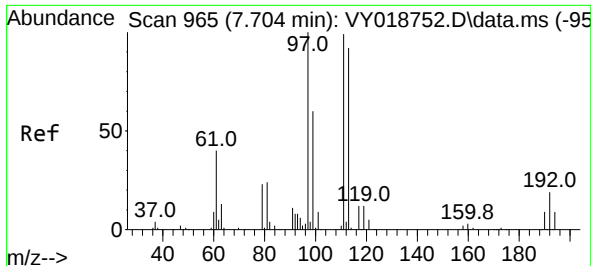
Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

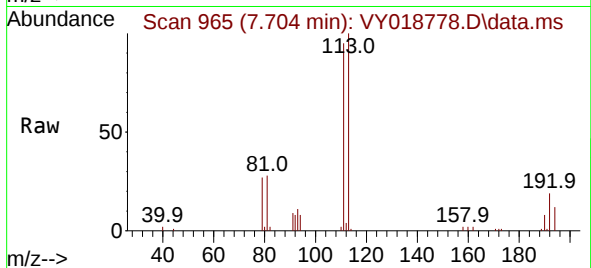
88 15.2 0.0 27.2



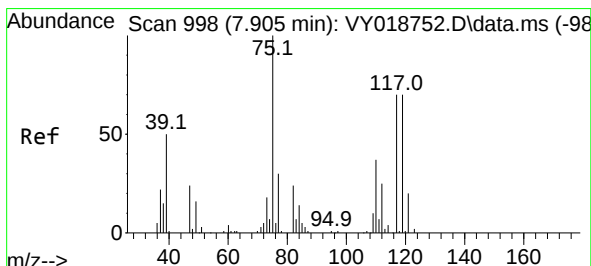
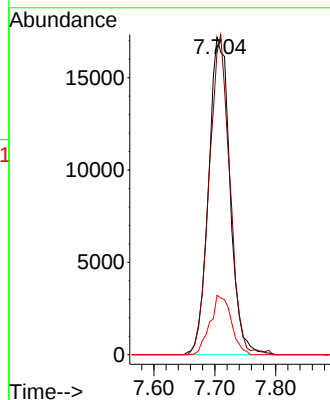
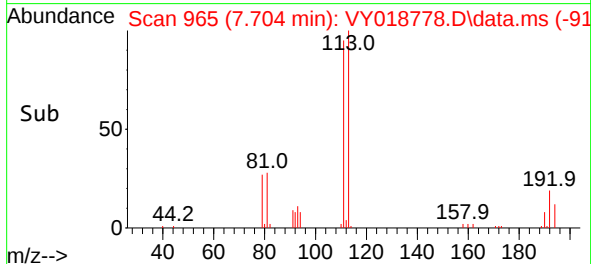


#35
Dibromofluoromethane
Concen: 51.867 ug/l
RT: 7.704 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY018778.D
Acq: 11 Jul 2024 15:10

Instrument :
MSVOA_Y
ClientSampleId :

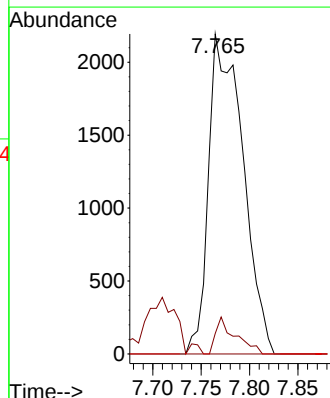
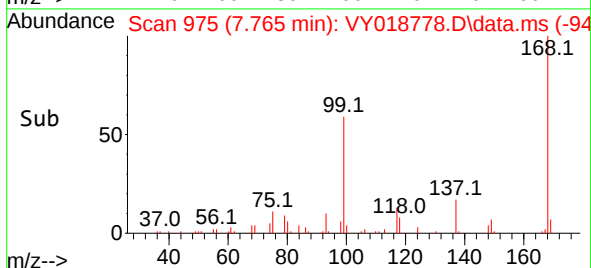
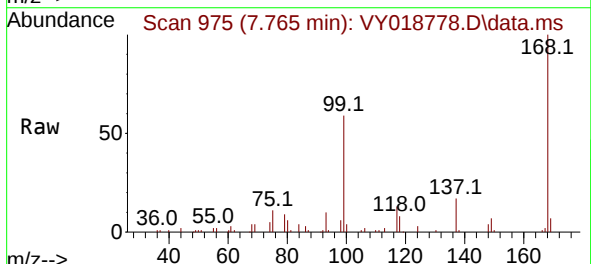


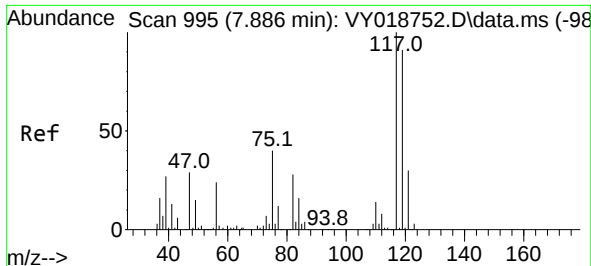
Tgt Ion:113 Resp: 41918
Ion Ratio Lower Upper
113 100
111 97.2 82.2 123.4
192 18.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.852 ug/l
RT: 7.765 min Scan# 975
Delta R.T. -0.140 min
Lab File: VY018778.D
Acq: 11 Jul 2024 15:10

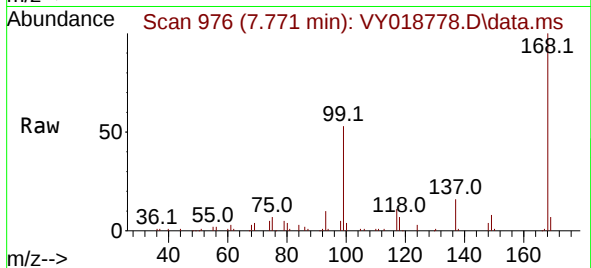
Tgt Ion: 75 Resp: 5411
Ion Ratio Lower Upper
75 100
110 6.6 19.0 57.0#
77 0.0 25.3 37.9#



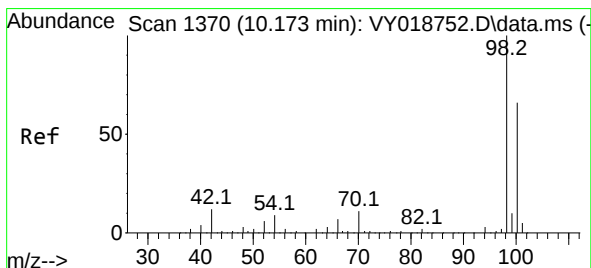
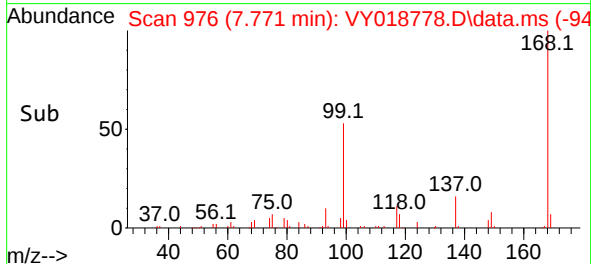
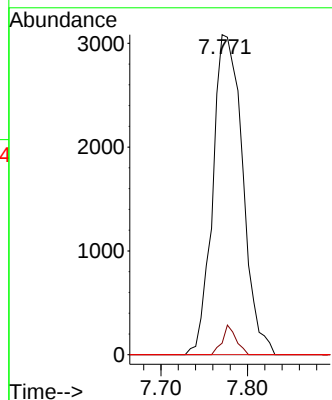


#38
Carbon Tetrachloride
Concen: 5.500 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018778.D
Acq: 11 Jul 2024 15:10

Instrument :
MSVOA_Y
ClientSampleId :

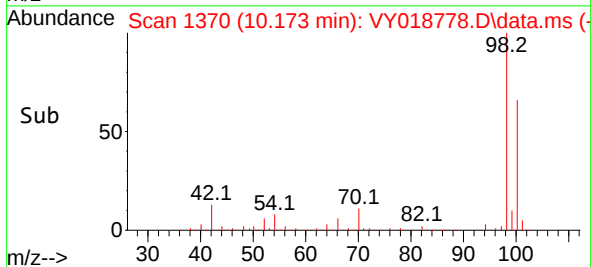
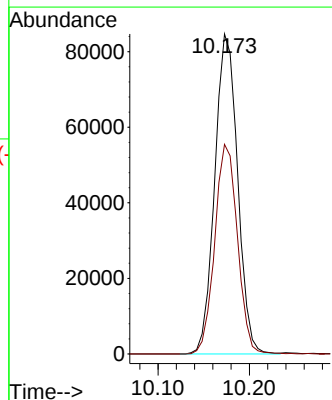
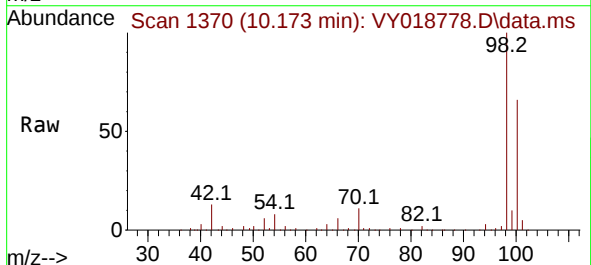


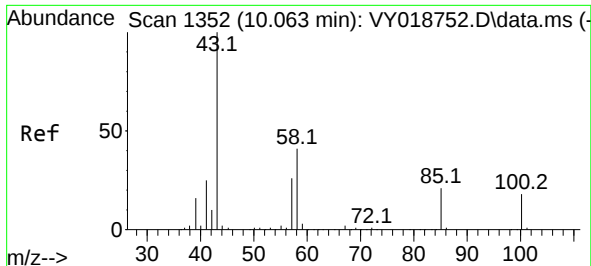
Tgt Ion:117 Resp: 7388
Ion Ratio Lower Upper
117 100
119 3.6 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 48.078 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018778.D
Acq: 11 Jul 2024 15:10

Tgt Ion: 98 Resp: 147207
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0

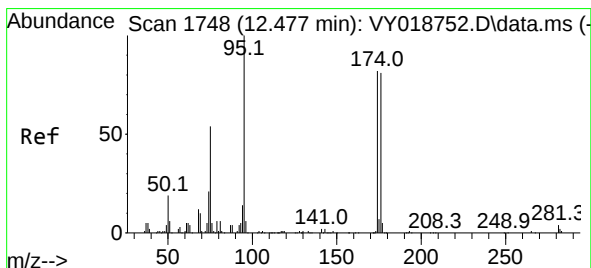
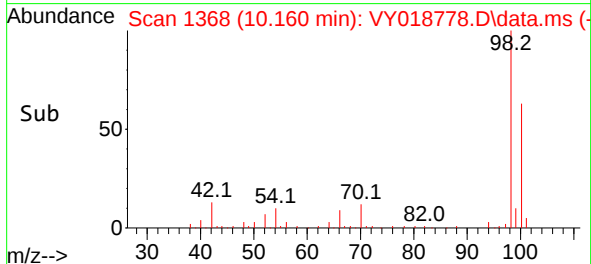
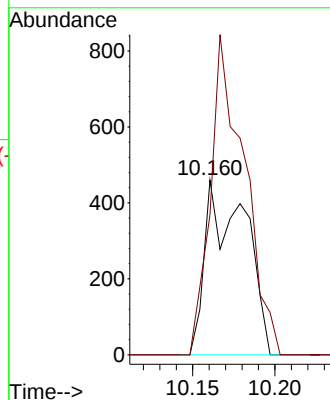
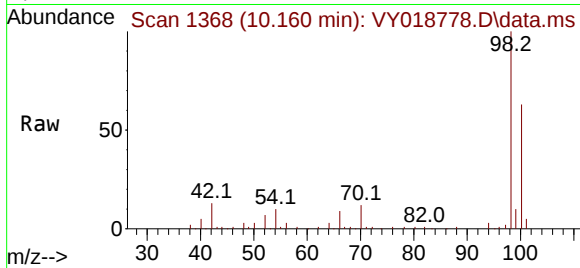




#51
4-Methyl-2-Pentanone
Concen: 1.656 ug/l
RT: 10.160 min Scan# 1368
Delta R.T. 0.097 min
Lab File: VY018778.D
Acq: 11 Jul 2024 15:10

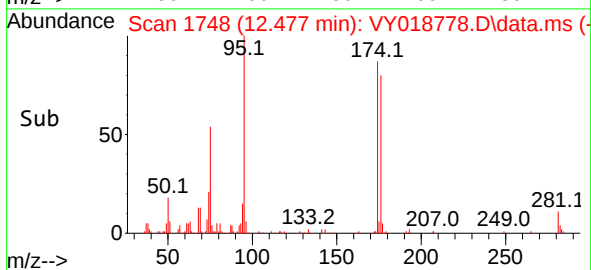
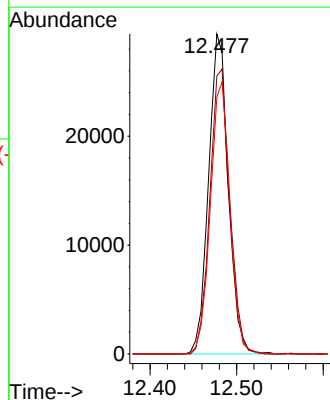
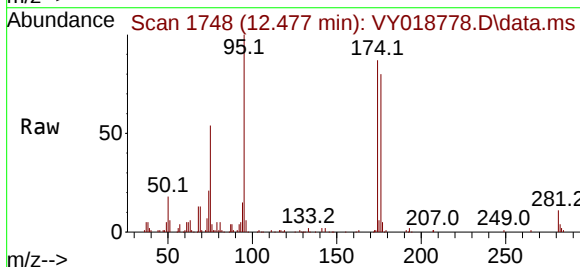
Instrument :
MSVOA_Y
ClientSampleId :

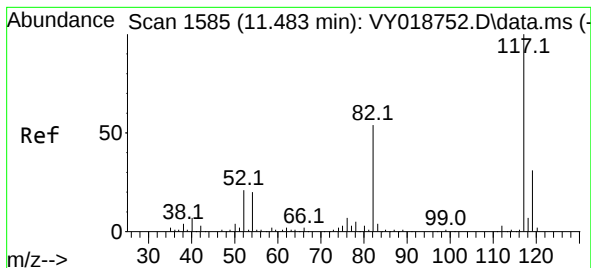
Tgt Ion: 43 Resp: 780
Ion Ratio Lower Upper
43 100
58 154.4 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 44.404 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018778.D
Acq: 11 Jul 2024 15:10

Tgt Ion: 95 Resp: 46430
Ion Ratio Lower Upper
95 100
174 89.6 0.0 175.6
176 84.8 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: VY018778.D

Acq: 11 Jul 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

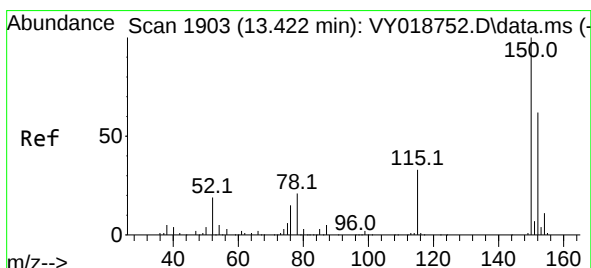
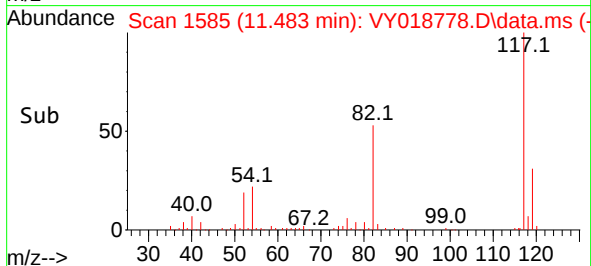
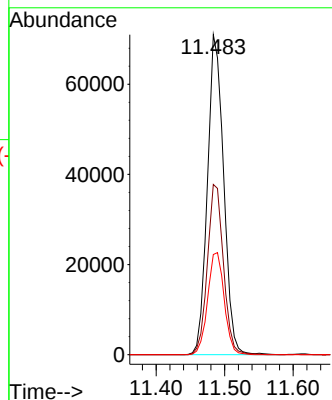
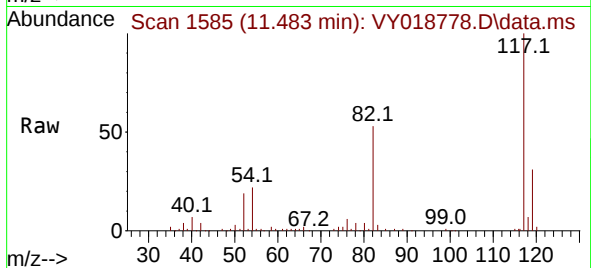
Tgt Ion:117 Resp: 117150

Ion Ratio Lower Upper

117 100

82 53.2 42.4 63.6

119 31.3 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018778.D

Acq: 11 Jul 2024 15:10

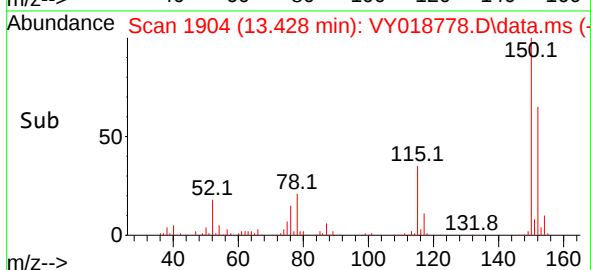
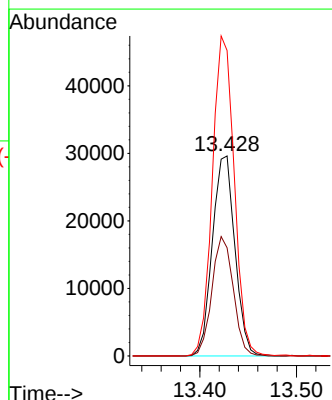
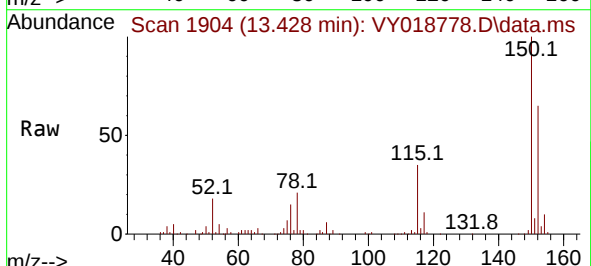
Tgt Ion:152 Resp: 47954

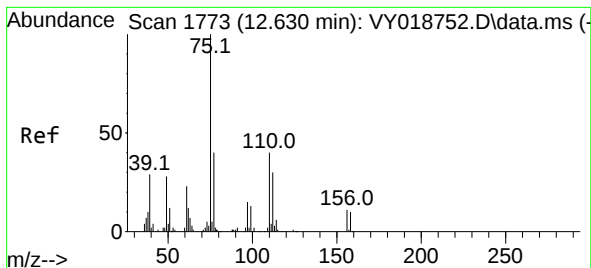
Ion Ratio Lower Upper

152 100

115 56.5 28.2 84.7

150 155.4 0.0 345.6

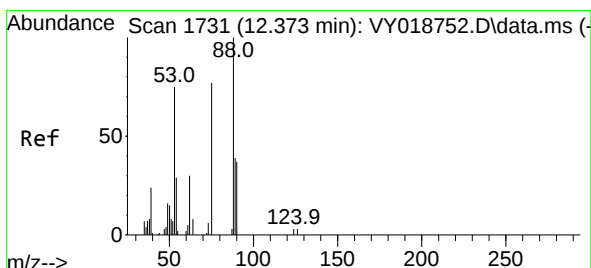
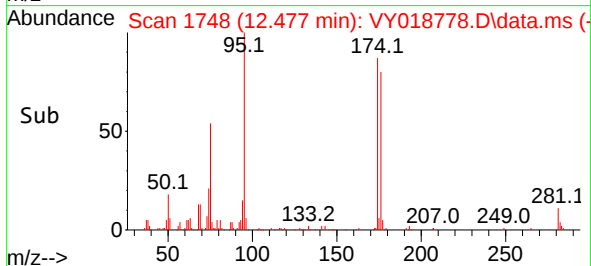
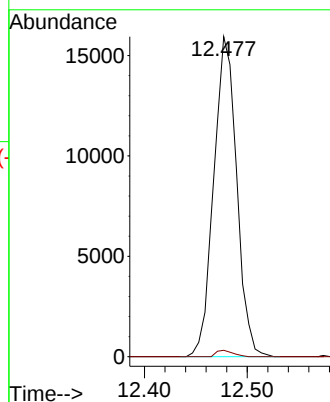
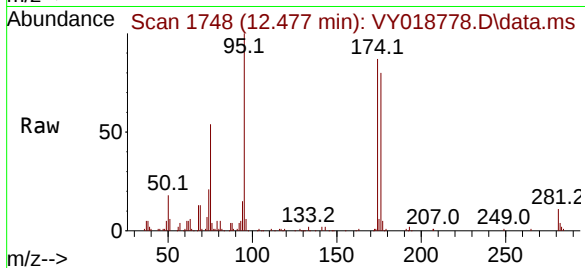




#76
1,2,3-Trichloropropane
Concen: 65.916 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY018778.D
Acq: 11 Jul 2024 15:10

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 24757
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 147.524 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018778.D
Acq: 11 Jul 2024 15:10

Tgt Ion: 75 Resp: 24757
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.9 35.8 53.6#

