

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071124\
 Data File : VY018777.D
 Acq On : 11 Jul 2024 14:45
 Operator : SY/MD
 Sample : P3193-03
 Misc : 5.51g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 12 01:38:42 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)

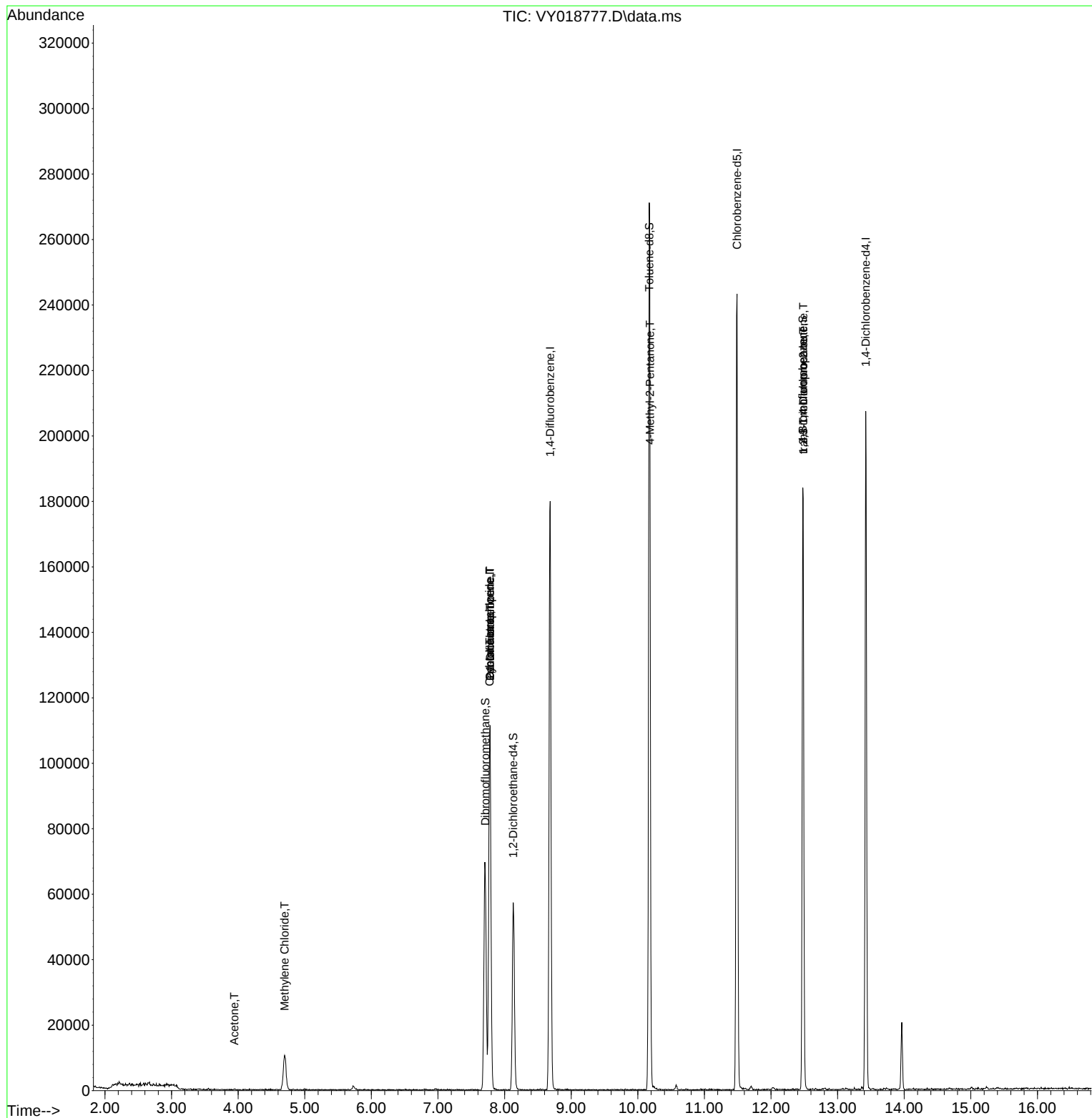
Internal Standards						
1) Pentafluorobenzene	7.783	168	87861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	159148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	138002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	52141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	45008	52.058	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.120%	
35) Dibromofluoromethane	7.710	113	48585	48.742	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.480%	
50) Toluene-d8	10.173	98	180144	47.703	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.400%	
62) 4-Bromofluorobenzene	12.477	95	54810	42.500	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 85.000%	
Target Compounds						Qvalue
16) Acetone	3.942	43	342	2.146	ug/l #	36
20) Methylene Chloride	4.698	84	7732	3.998	ug/l	98
31) Cyclohexane	7.783	56	1939	1.460	ug/l #	53
36) 1,1-Dichloropropene	7.783	75	6361	4.624	ug/l #	48
38) Carbon Tetrachloride	7.777	117	8540	5.155	ug/l #	18
51) 4-Methyl-2-Pentanone	10.185	43	875	1.506	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	30504	74.695	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	30504	167.173	ug/l #	16

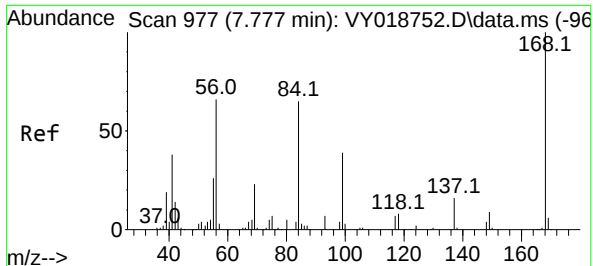
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071124\
Data File : VY018777.D
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Misc : 5.51g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

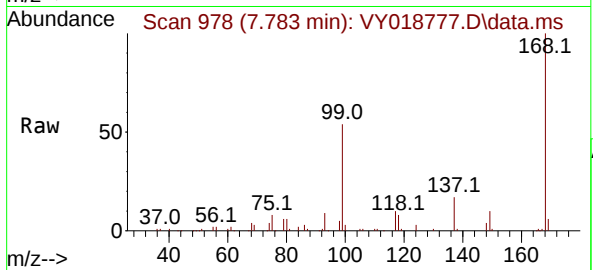
Quant Time: Jul 12 01:38:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 14:28:51 2024
Response via : Initial Calibration



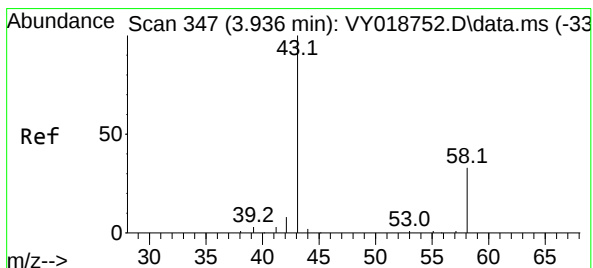
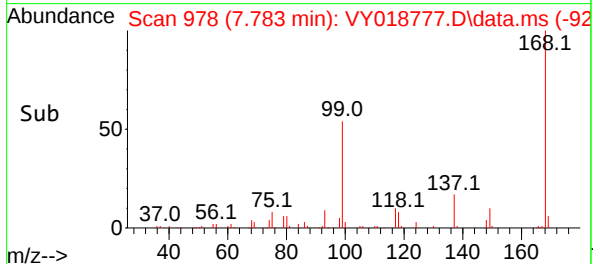
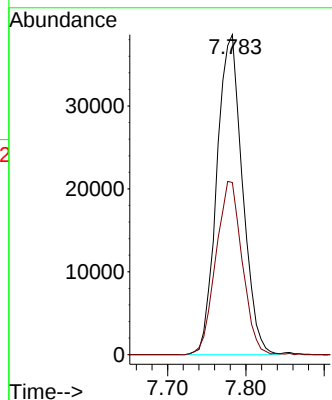


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018777.D
Acq: 11 Jul 2024 14:45

Instrument :
MSVOA_Y
ClientSampleId :

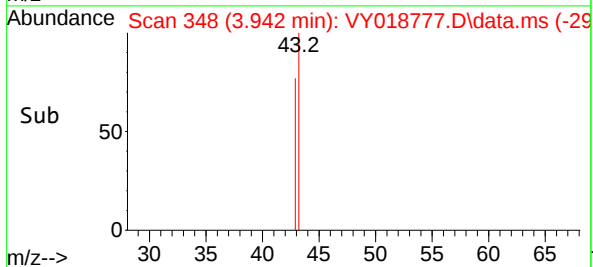
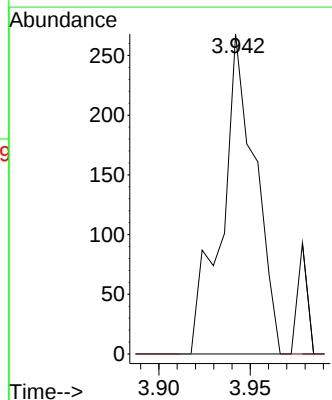
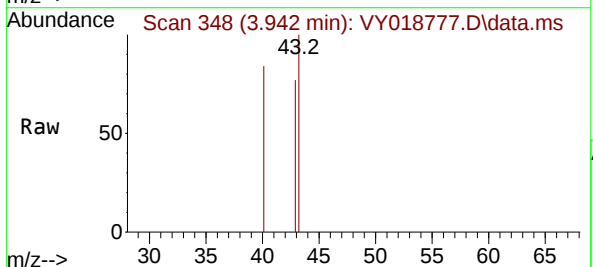


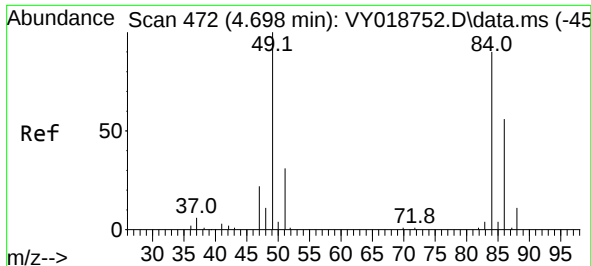
Tgt Ion:168 Resp: 87861
Ion Ratio Lower Upper
168 100
99 53.8 39.1 58.7



#16
Acetone
Concen: 2.146 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY018777.D
Acq: 11 Jul 2024 14:45

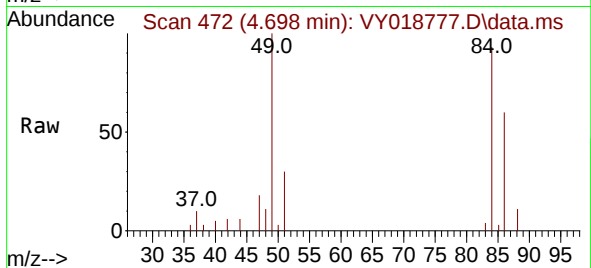
Tgt Ion: 43 Resp: 342
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#





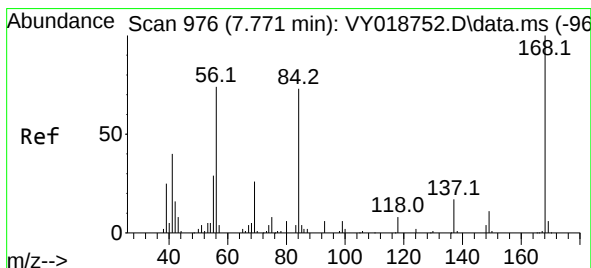
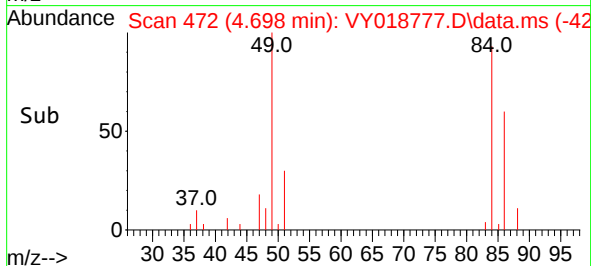
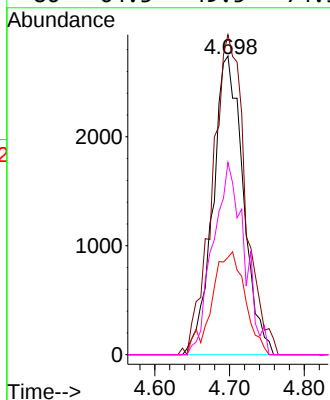
#20
Methylene Chloride
Concen: 3.998 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY018777.D
Acq: 11 Jul 2024 14:45

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 7732

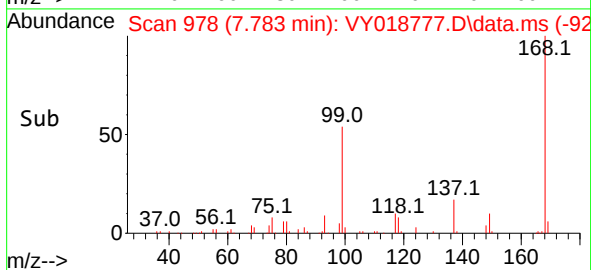
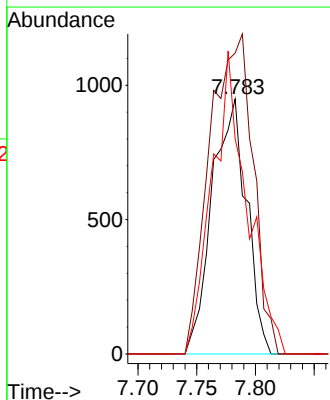
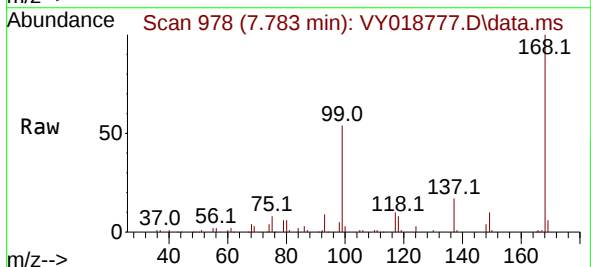
Ion	Ratio	Lower	Upper
84	100		
49	107.1	84.4	126.6
51	32.6	26.0	39.0
86	64.3	49.5	74.3

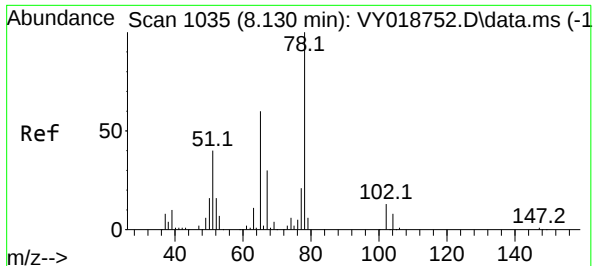


#31
Cyclohexane
Concen: 1.460 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.012 min
Lab File: VY018777.D
Acq: 11 Jul 2024 14:45

Tgt Ion: 56 Resp: 1939

Ion	Ratio	Lower	Upper
56	100		
69	118.0	28.7	43.1#
84	84.3	77.7	116.5





#33

1,2-Dichloroethane-d4

Concen: 52.058 ug/l

RT: 8.130 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY018777.D

Acq: 11 Jul 2024 14:45

Instrument :

MSVOA_Y

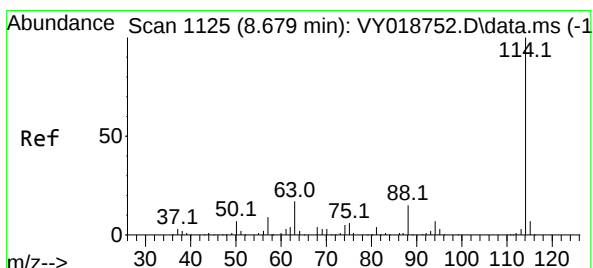
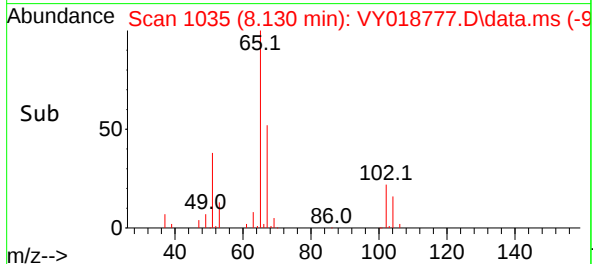
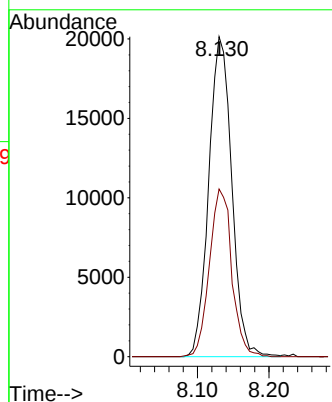
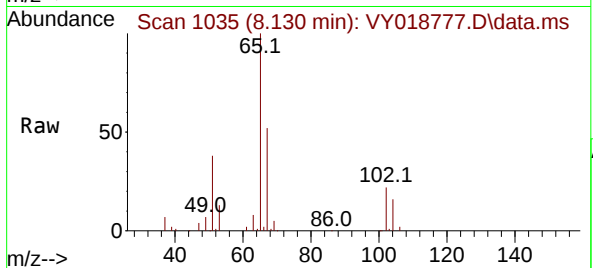
ClientSampleId :

Tgt Ion: 65 Resp: 45008

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: VY018777.D

Acq: 11 Jul 2024 14:45

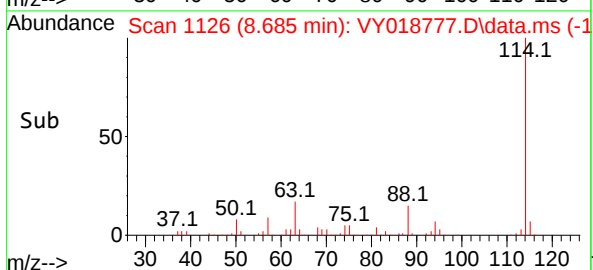
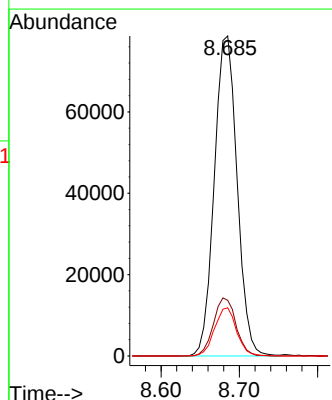
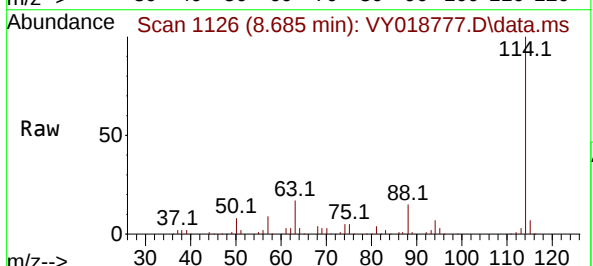
Tgt Ion: 114 Resp: 159148

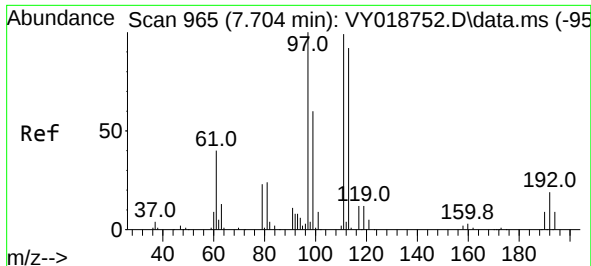
Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.0

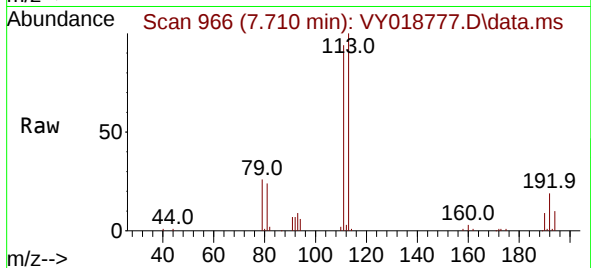
88 15.1 0.0 27.2



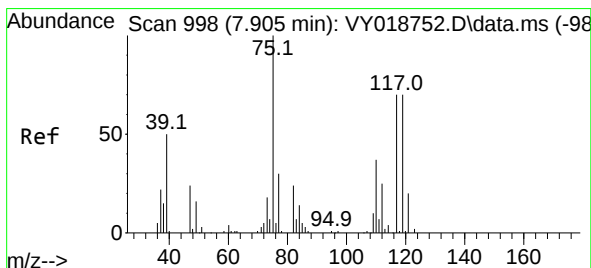
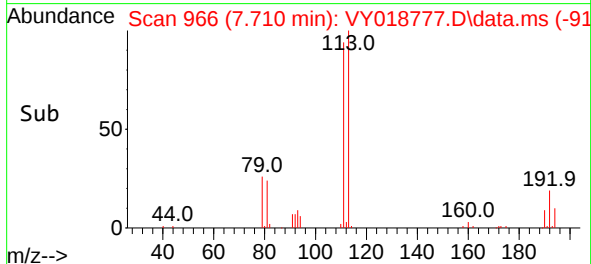
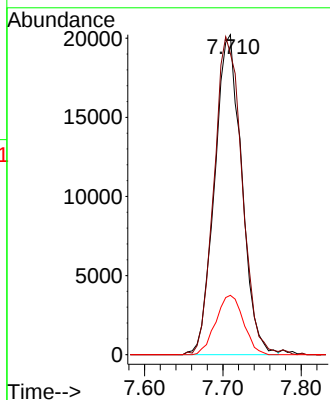


#35
Dibromofluoromethane
Concen: 48.742 ug/l
RT: 7.710 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY018777.D
Acq: 11 Jul 2024 14:45

Instrument :
MSVOA_Y
ClientSampleId :

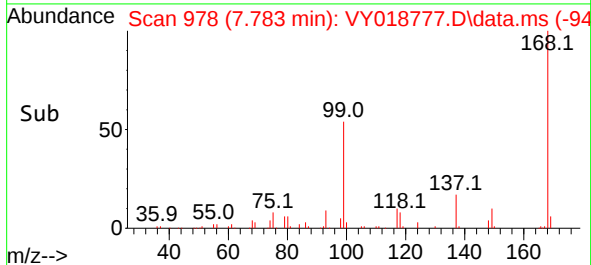
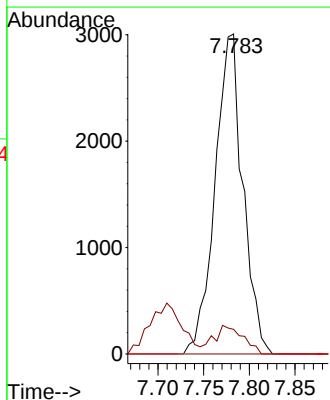
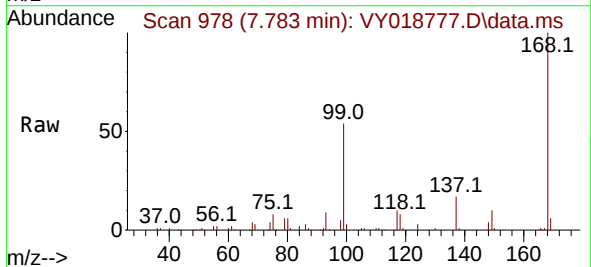


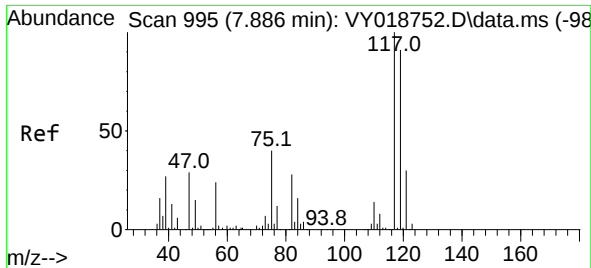
Tgt Ion:113 Resp: 48585
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 18.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.624 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY018777.D
Acq: 11 Jul 2024 14:45

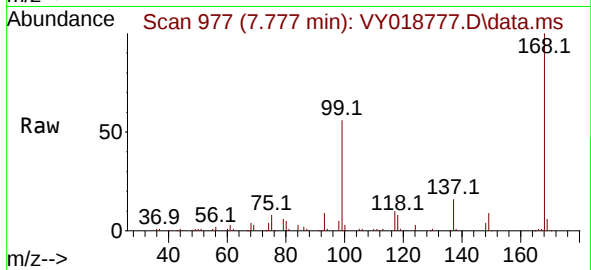
Tgt Ion: 75 Resp: 6361
Ion Ratio Lower Upper
75 100
110 9.3 19.0 57.0#
77 0.0 25.3 37.9#



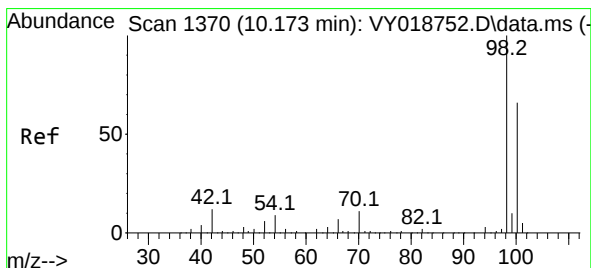
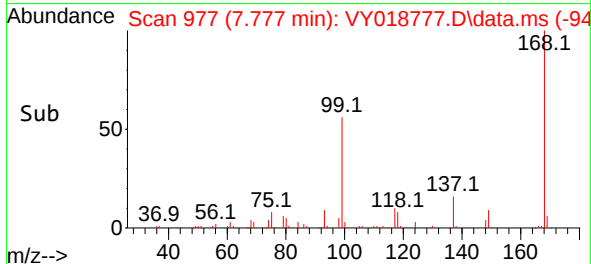
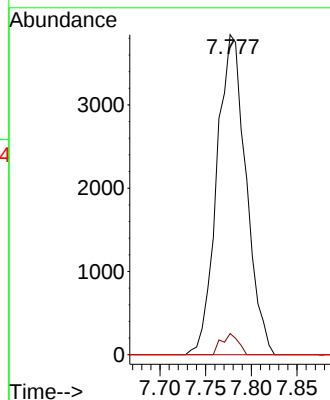


#38
Carbon Tetrachloride
Concen: 5.155 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY018777.D
Acq: 11 Jul 2024 14:45

Instrument :
MSVOA_Y
ClientSampleId :

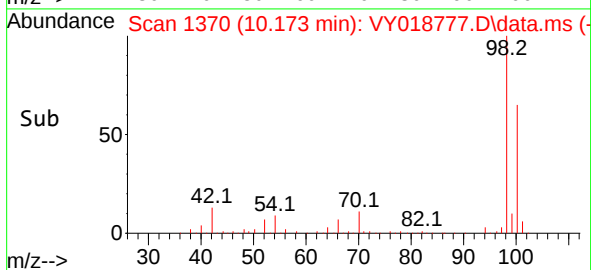
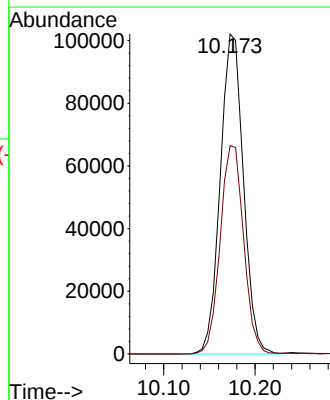
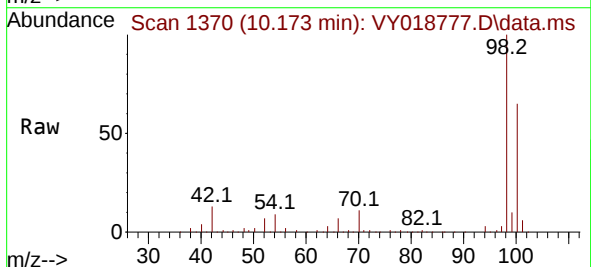


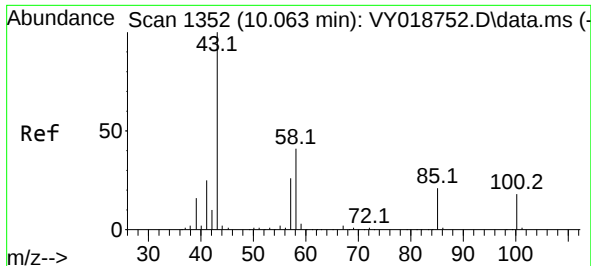
Tgt Ion:117 Resp: 8540
Ion Ratio Lower Upper
117 100
119 6.6 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.703 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018777.D
Acq: 11 Jul 2024 14:45

Tgt Ion: 98 Resp: 180144
Ion Ratio Lower Upper
98 100
100 66.0 52.0 78.0

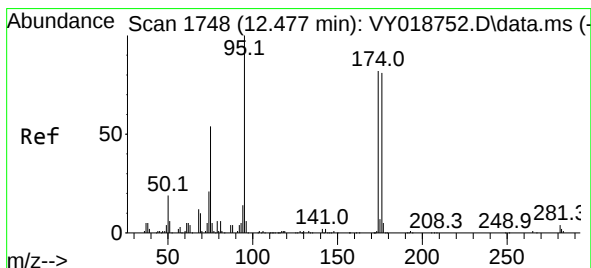
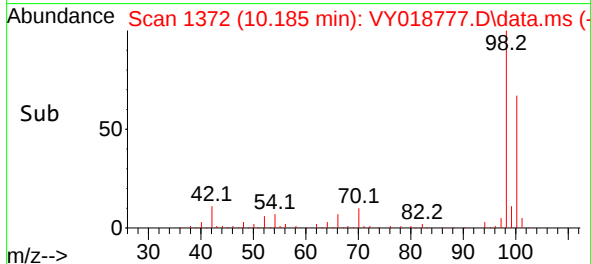
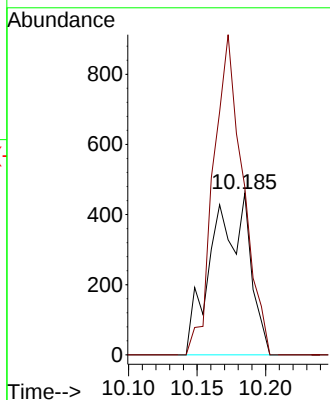
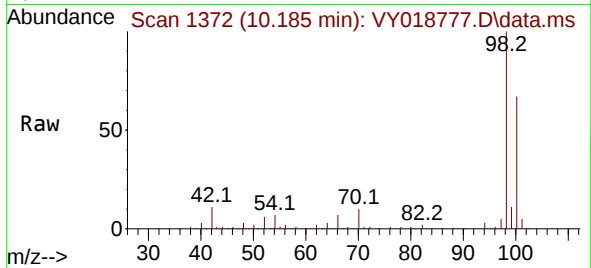




#51
4-Methyl-2-Pentanone
Concen: 1.506 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.122 min
Lab File: VY018777.D
Acq: 11 Jul 2024 14:45

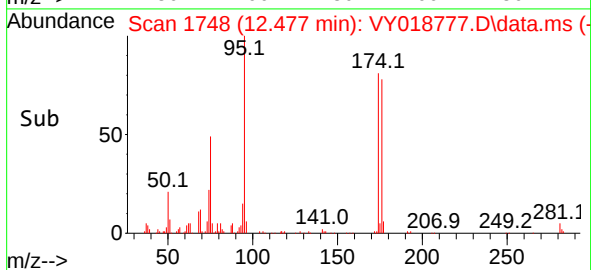
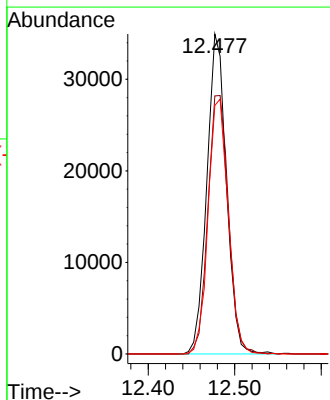
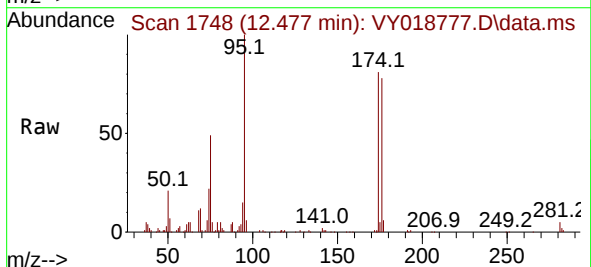
Instrument :
MSVOA_Y
ClientSampleId :

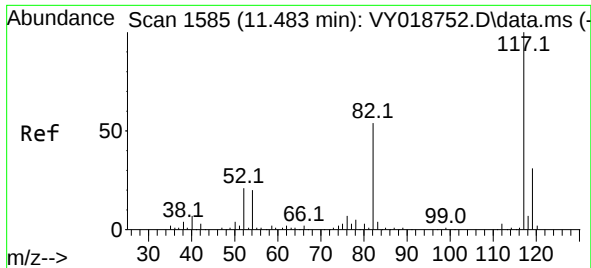
Tgt Ion: 43 Resp: 875
Ion Ratio Lower Upper
43 100
58 156.2 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 42.500 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018777.D
Acq: 11 Jul 2024 14:45

Tgt Ion: 95 Resp: 54810
Ion Ratio Lower Upper
95 100
174 85.5 0.0 175.6
176 82.0 0.0 171.4

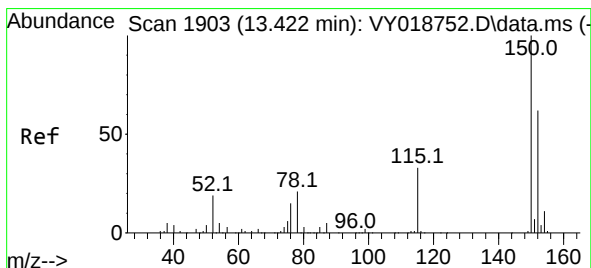
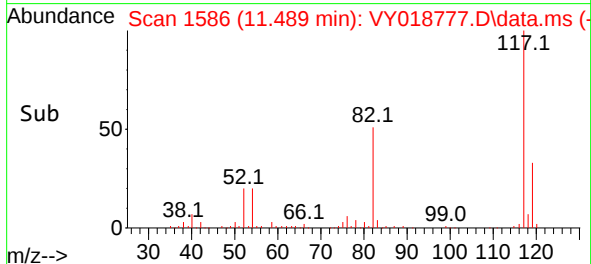
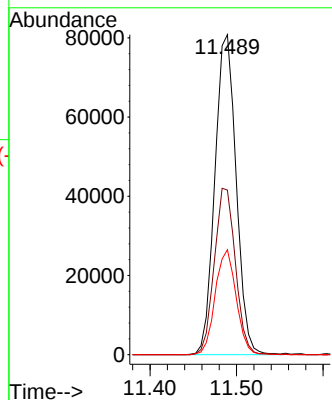
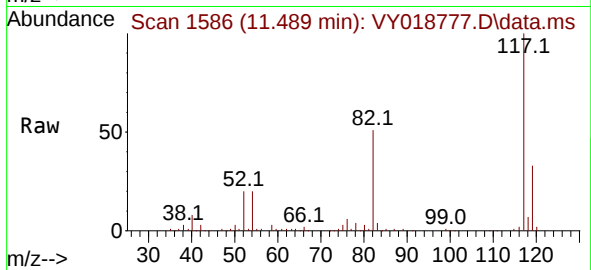




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018777.D
Acq: 11 Jul 2024 14:45

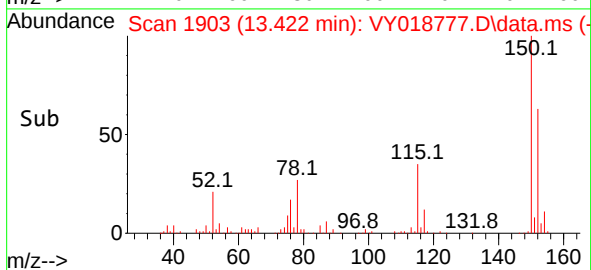
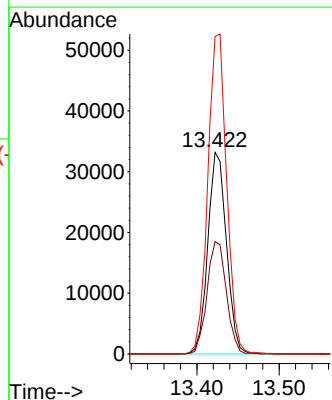
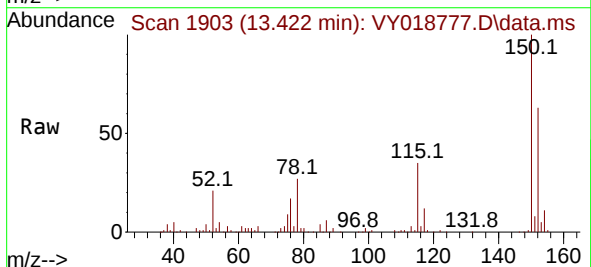
Instrument :
MSVOA_Y
ClientSampleId :

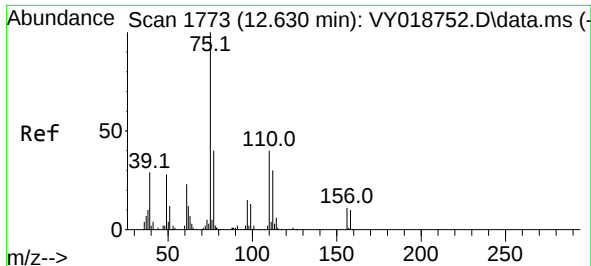
Tgt Ion:117 Resp: 138002
Ion Ratio Lower Upper
117 100
82 51.5 42.4 63.6
119 32.8 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY018777.D
Acq: 11 Jul 2024 14:45

Tgt Ion:152 Resp: 52141
Ion Ratio Lower Upper
152 100
115 58.0 28.2 84.7
150 160.5 0.0 345.6

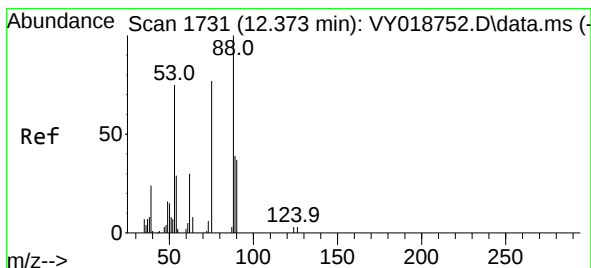
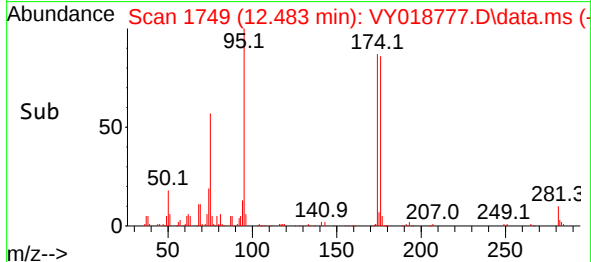
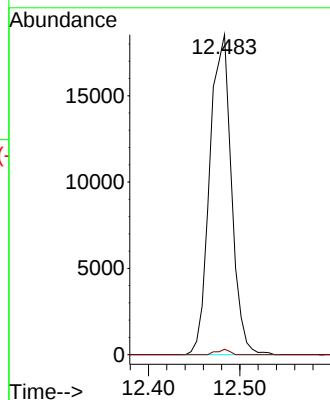
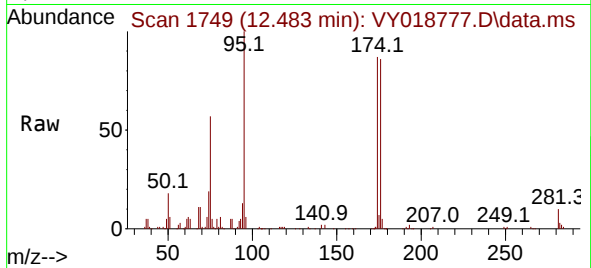




#76
1,2,3-Trichloropropane
Concen: 74.695 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY018777.D
Acq: 11 Jul 2024 14:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 30504
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 167.173 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.110 min
Lab File: VY018777.D
Acq: 11 Jul 2024 14:45

Tgt Ion: 75 Resp: 30504
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.3 35.8 53.6#

