

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071724\
 Data File : VY018850.D
 Acq On : 17 Jul 2024 16:30
 Operator : SY/MD
 Sample : P3246-04
 Misc : 7.67g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 18 01:28:58 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)

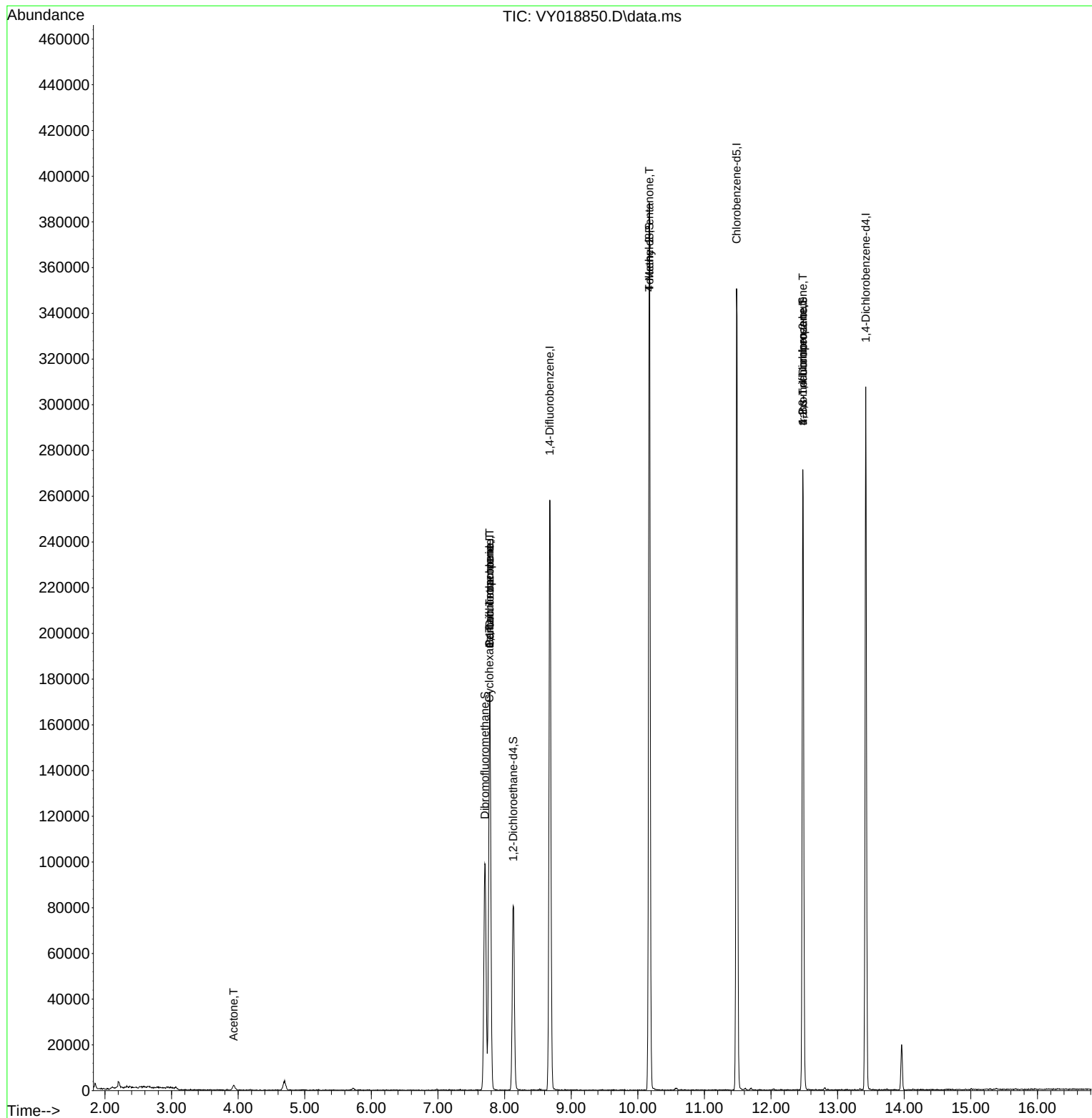
Internal Standards						
1) Pentafluorobenzene	7.777	168	135219	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	225414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	189398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	75817	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	65571	49.280	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.560%
35) Dibromofluoromethane	7.704	113	68596	48.587	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.180%
50) Toluene-d8	10.173	98	247611	46.293	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.580%
62) 4-Bromofluorobenzene	12.477	95	75539	41.354	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.700%
Target Compounds						
					Qvalue	
16) Acetone	3.930	43	3707	15.112	ug/l	91
20) Methylene Chloride	4.698	84	2982	Below Cal		91
31) Cyclohexane	7.771	56	3012	1.473	ug/l #	53
36) 1,1-Dichloropropene	7.777	75	9906	5.084	ug/l #	50
38) Carbon Tetrachloride	7.777	117	12777	5.445	ug/l #	17
51) 4-Methyl-2-Pentanone	10.173	43	1086	1.320	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	42305	71.243	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	42305	159.446	ug/l #	16

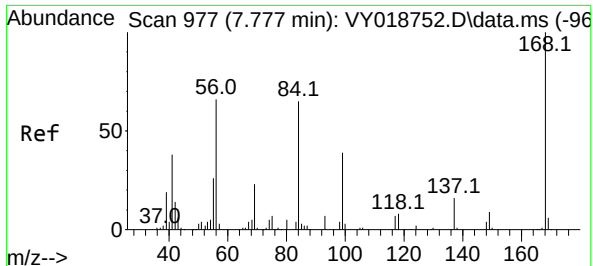
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
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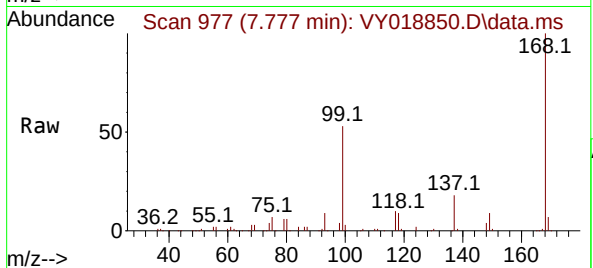
Quant Time: Jul 18 01:28:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 14:28:51 2024
Response via : Initial Calibration



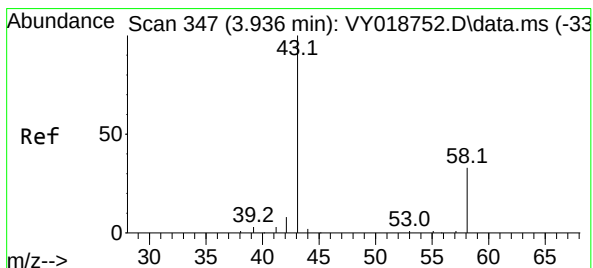
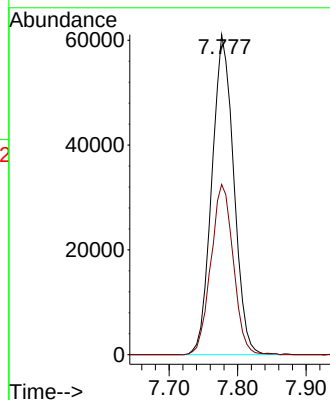
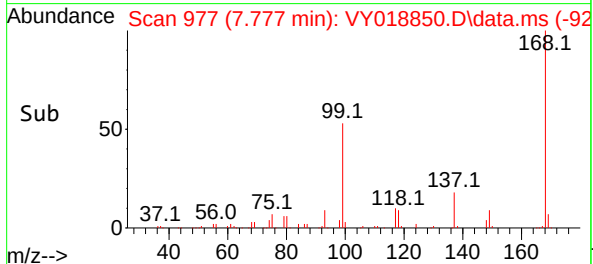


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018850.D
Acq: 17 Jul 2024 16:30

Instrument :
MSVOA_Y
ClientSampleId :

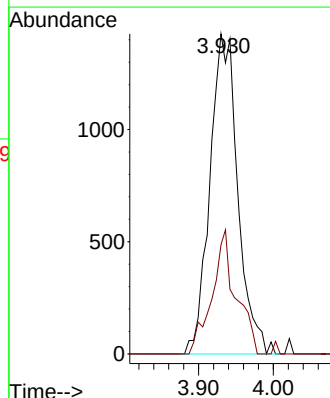
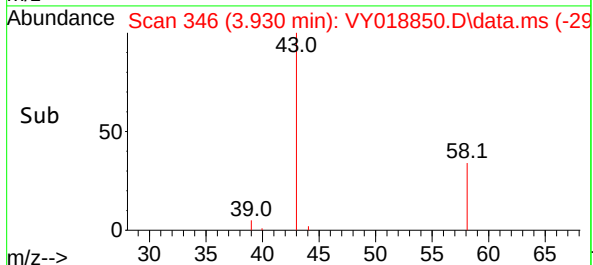
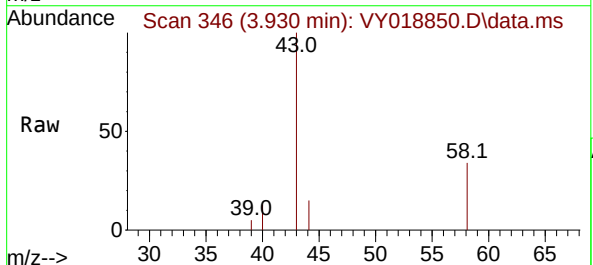


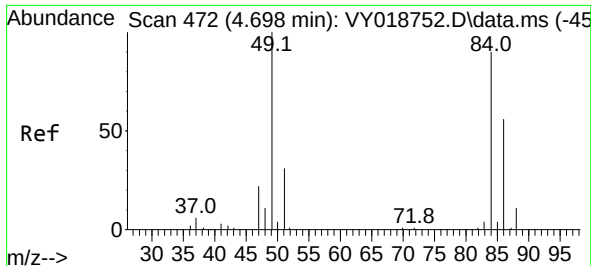
Tgt Ion:168 Resp: 135219
Ion Ratio Lower Upper
168 100
99 53.2 39.1 58.7



#16
Acetone
Concen: 15.112 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY018850.D
Acq: 17 Jul 2024 16:30

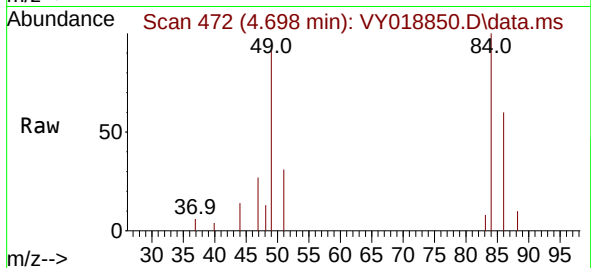
Tgt Ion: 43 Resp: 3707
Ion Ratio Lower Upper
43 100
58 34.2 31.7 47.5





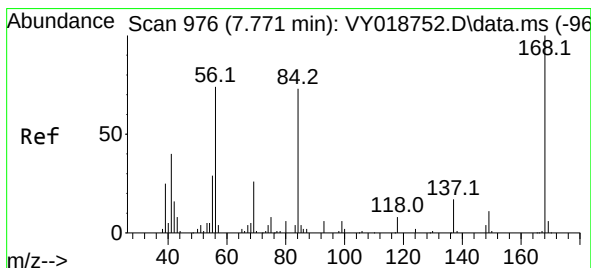
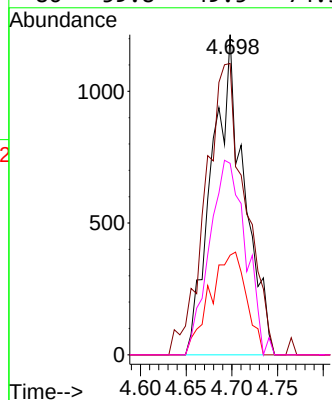
#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY018850.D
Acq: 17 Jul 2024 16:30

Instrument :
MSVOA_Y
ClientSampleId :

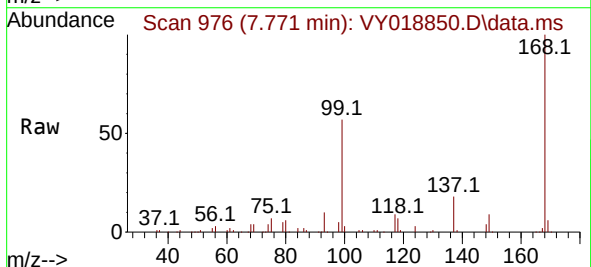


Tgt Ion: 84 Resp: 2982

Ion	Ratio	Lower	Upper
84	100		
49	91.0	84.4	126.6
51	31.1	26.0	39.0
86	59.8	49.5	74.3

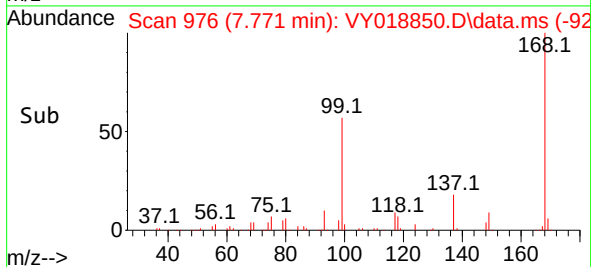
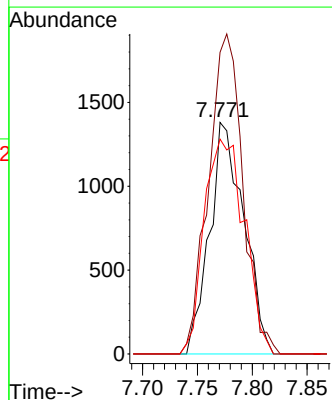


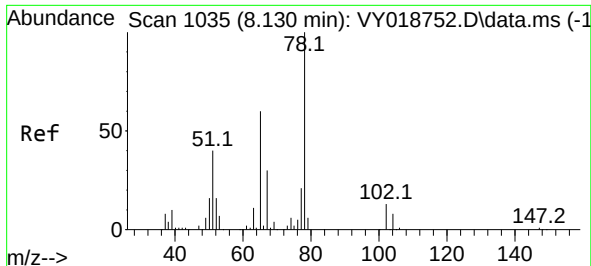
#31
Cyclohexane
Concen: 1.473 ug/l
RT: 7.771 min Scan# 976
Delta R.T. -0.000 min
Lab File: VY018850.D
Acq: 17 Jul 2024 16:30



Tgt Ion: 56 Resp: 3012

Ion	Ratio	Lower	Upper
56	100		
69	130.2	28.7	43.1#
84	92.8	77.7	116.5





#33

1,2-Dichloroethane-d4

Concen: 49.280 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VY018850.D

Acq: 17 Jul 2024 16:30

Instrument :

MSVOA_Y

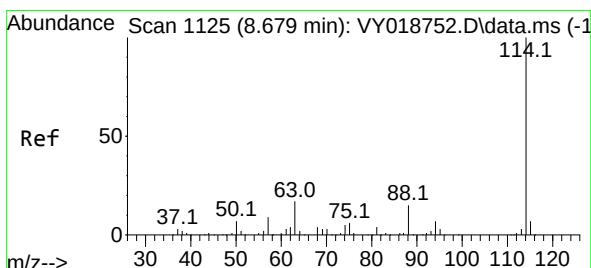
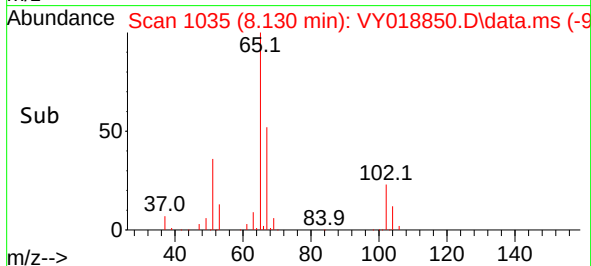
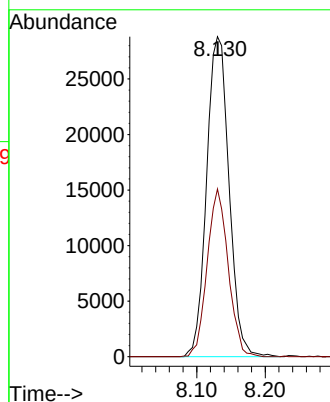
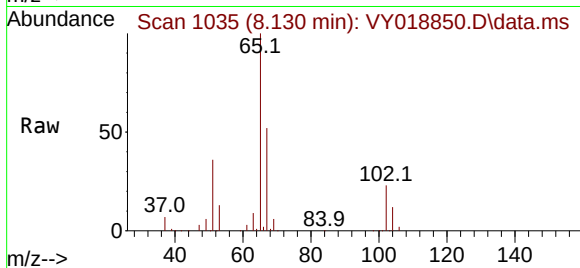
ClientSampleId :

Tgt Ion: 65 Resp: 65571

Ion Ratio Lower Upper

65 100

67 49.2 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: VY018850.D

Acq: 17 Jul 2024 16:30

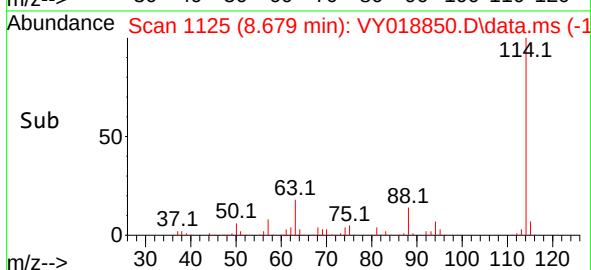
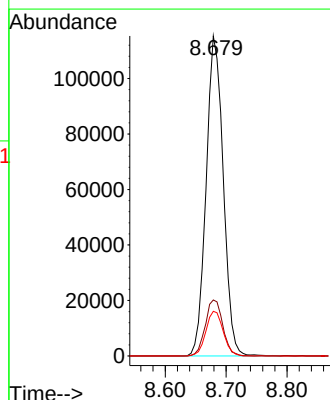
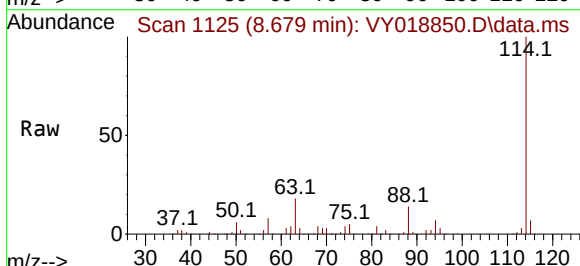
Tgt Ion: 114 Resp: 225414

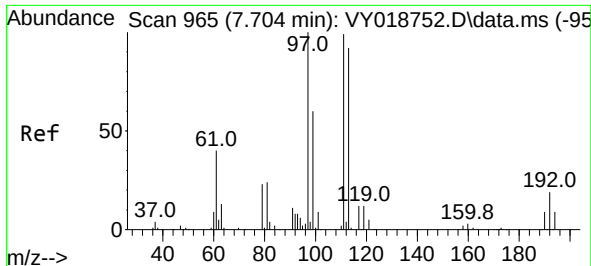
Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.0

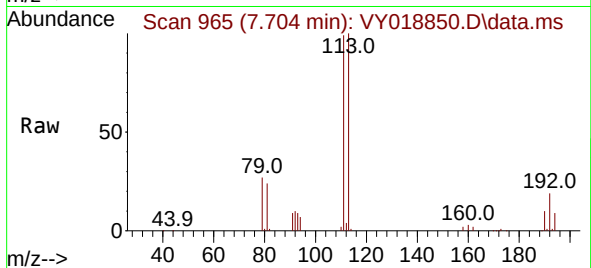
88 14.0 0.0 27.2



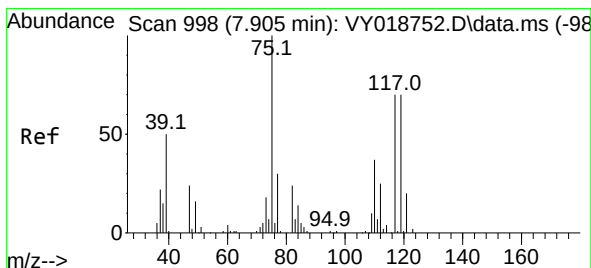
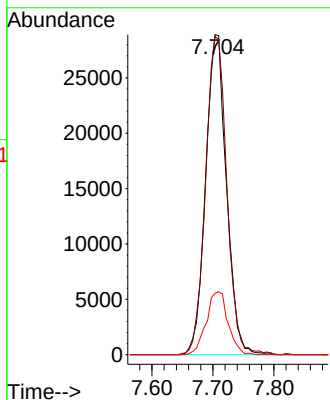
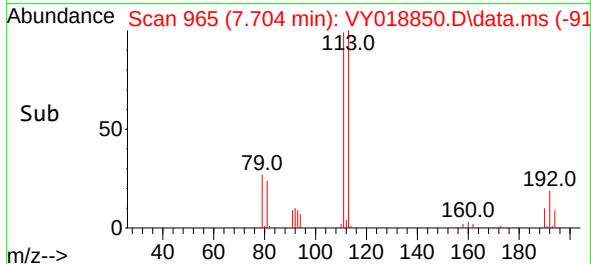


#35
Dibromofluoromethane
Concen: 48.587 ug/l
RT: 7.704 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY018850.D
Acq: 17 Jul 2024 16:30

Instrument :
MSVOA_Y
ClientSampleId :

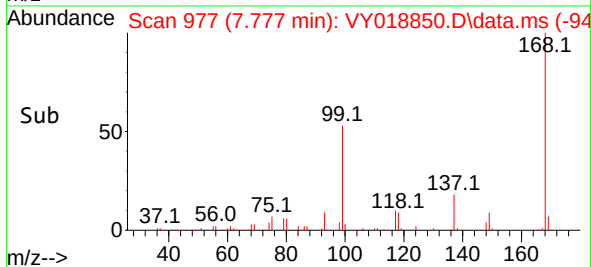
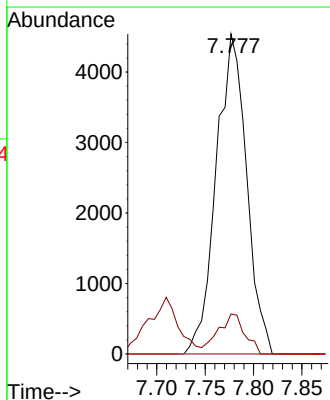
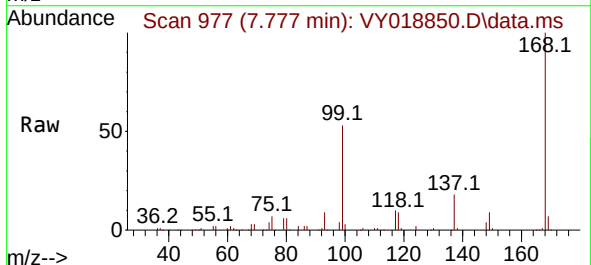


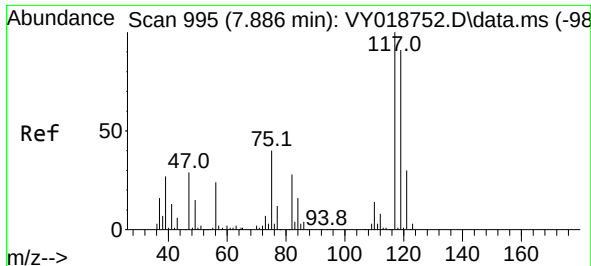
Tgt Ion:113 Resp: 68596
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.4
192 20.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.084 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.128 min
Lab File: VY018850.D
Acq: 17 Jul 2024 16:30

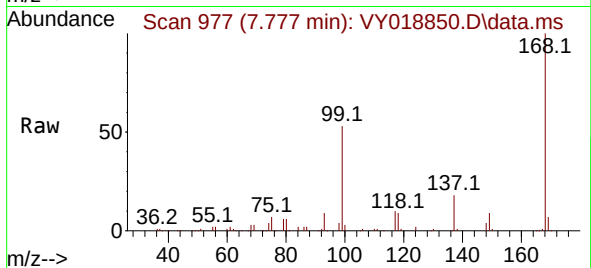
Tgt Ion: 75 Resp: 9906
Ion Ratio Lower Upper
75 100
110 10.9 19.0 57.0#
77 0.0 25.3 37.9#



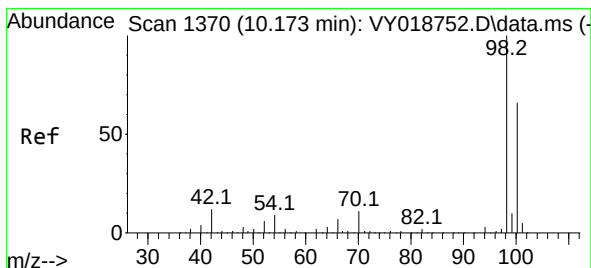
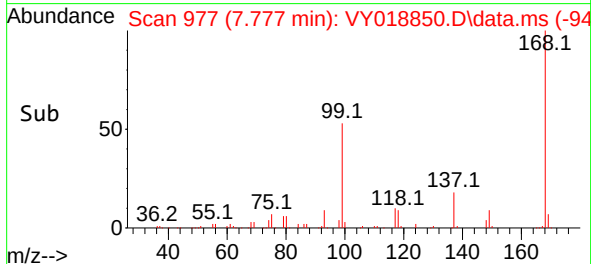
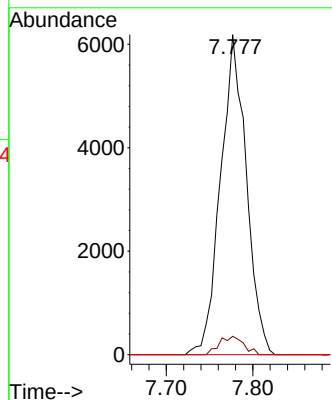


#38
Carbon Tetrachloride
Concen: 5.445 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY018850.D
Acq: 17 Jul 2024 16:30

Instrument :
MSVOA_Y
ClientSampleId :

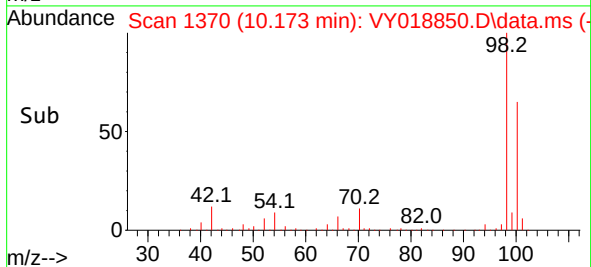
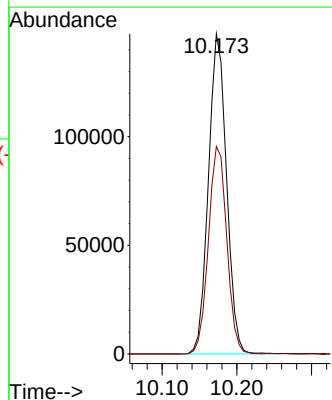
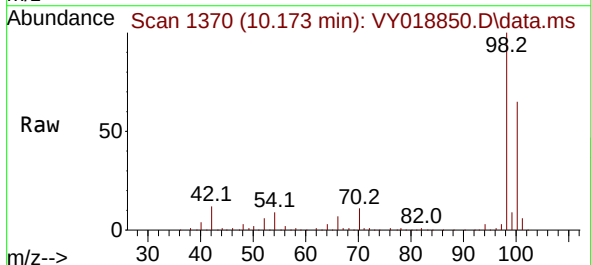


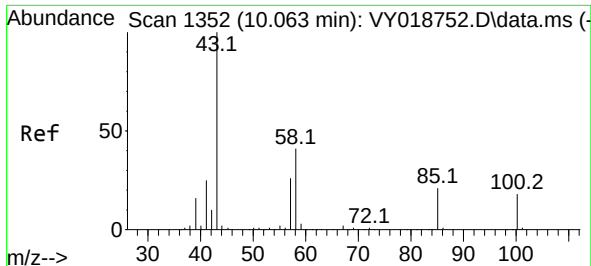
Tgt Ion:117 Resp: 12777
Ion Ratio Lower Upper
117 100
119 5.7 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 46.293 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018850.D
Acq: 17 Jul 2024 16:30

Tgt Ion: 98 Resp: 247611
Ion Ratio Lower Upper
98 100
100 65.9 52.0 78.0

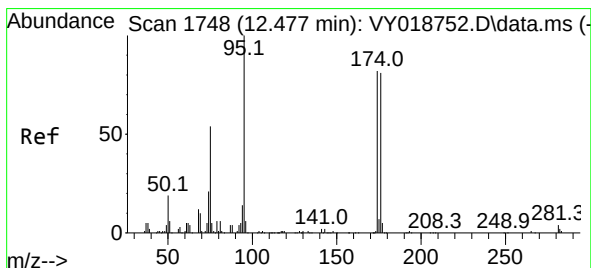
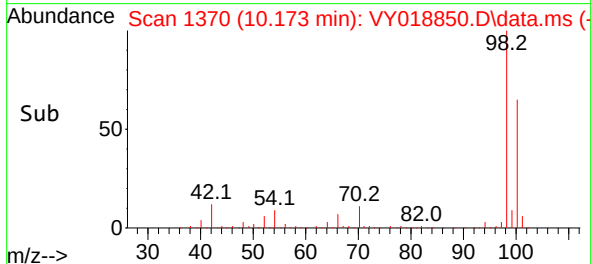
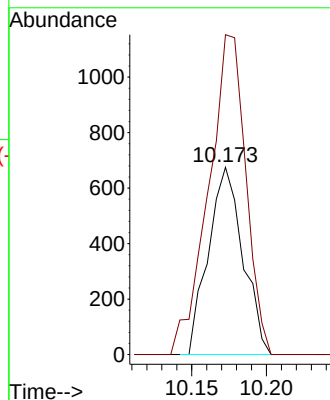
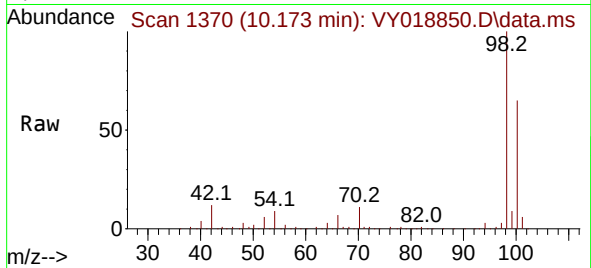




#51
4-Methyl-2-Pentanone
Concen: 1.320 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY018850.D
Acq: 17 Jul 2024 16:30

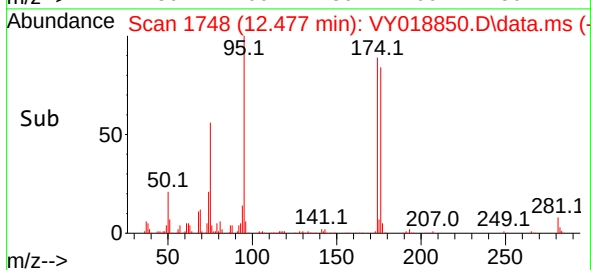
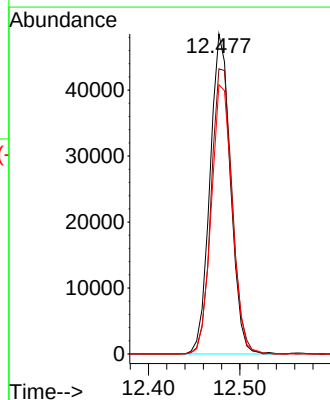
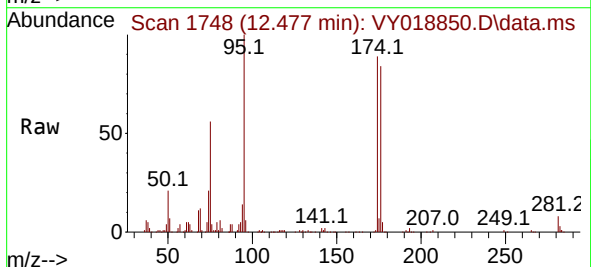
Instrument :
MSVOA_Y
ClientSampleId :

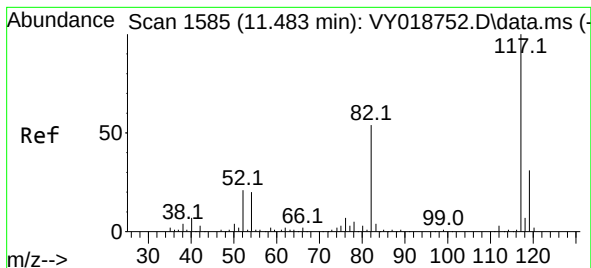
Tgt Ion: 43 Resp: 1086
Ion Ratio Lower Upper
43 100
58 183.9 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 41.354 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018850.D
Acq: 17 Jul 2024 16:30

Tgt Ion: 95 Resp: 75539
Ion Ratio Lower Upper
95 100
174 91.7 0.0 175.6
176 86.0 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: VY018850.D

Acq: 17 Jul 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

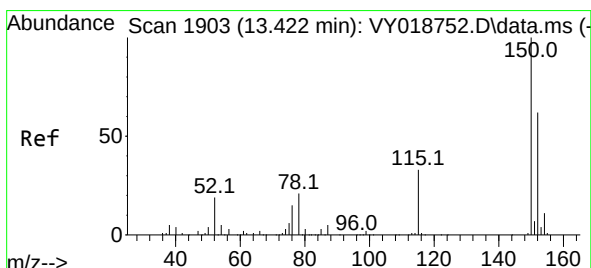
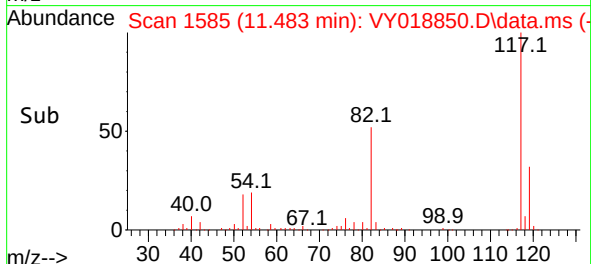
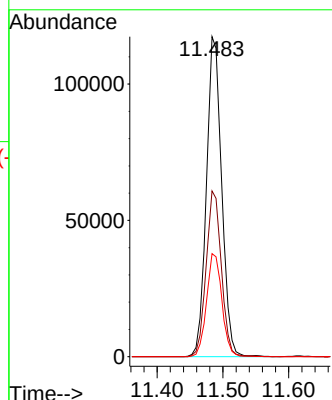
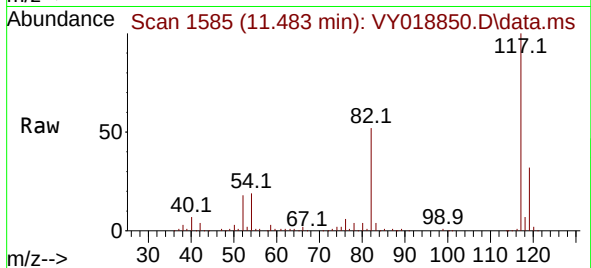
Tgt Ion:117 Resp: 189398

Ion Ratio Lower Upper

117 100

82 51.8 42.4 63.6

119 32.2 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: VY018850.D

Acq: 17 Jul 2024 16:30

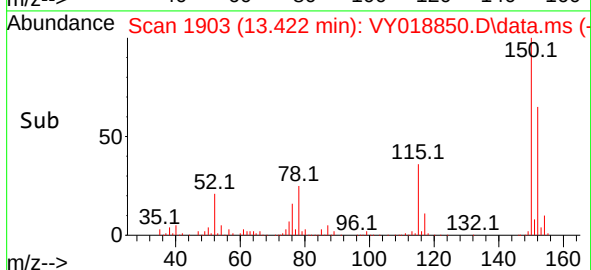
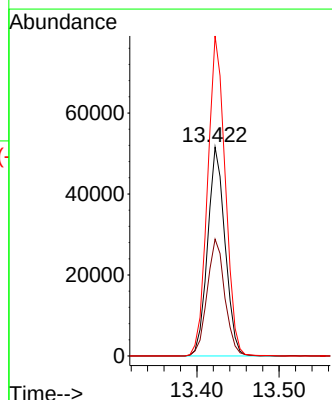
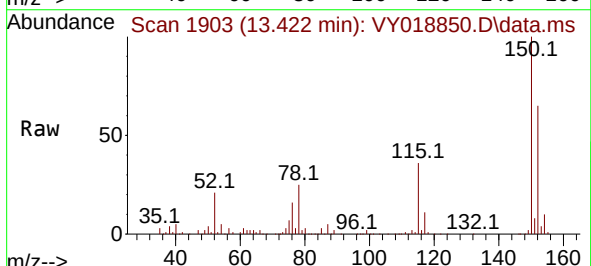
Tgt Ion:152 Resp: 75817

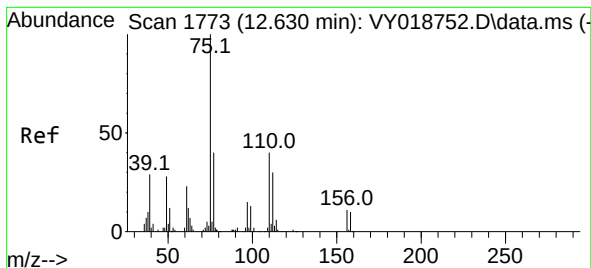
Ion Ratio Lower Upper

152 100

115 56.9 28.2 84.7

150 155.5 0.0 345.6

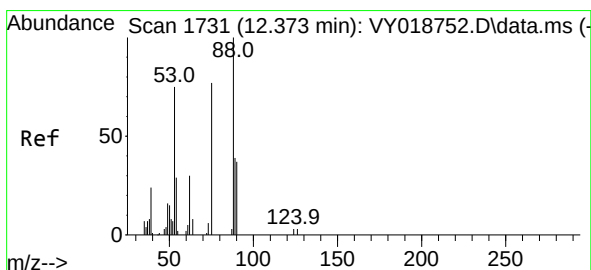
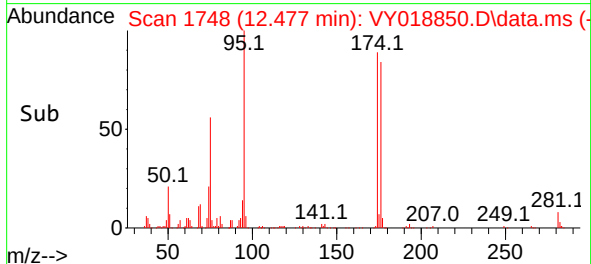
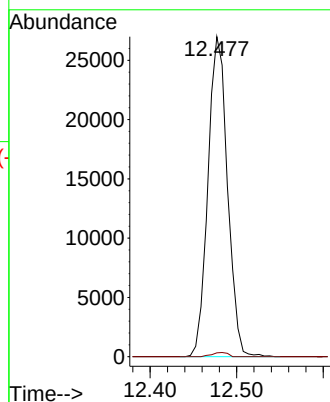
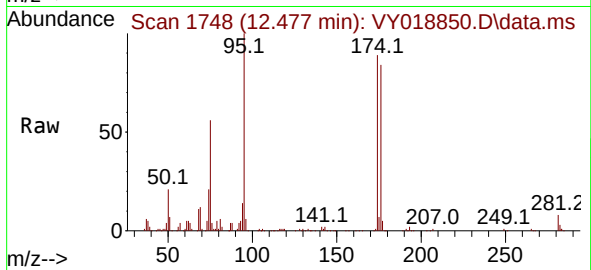




#76
1,2,3-Trichloropropane
Concen: 71.243 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY018850.D
Acq: 17 Jul 2024 16:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 42305
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 159.446 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018850.D
Acq: 17 Jul 2024 16:30

Tgt Ion: 75 Resp: 42305
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

