

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072424\
 Data File : VY018903.D
 Acq On : 24 Jul 2024 11:49
 Operator : SY/MD
 Sample : VY0724SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 25 01:26:01 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)

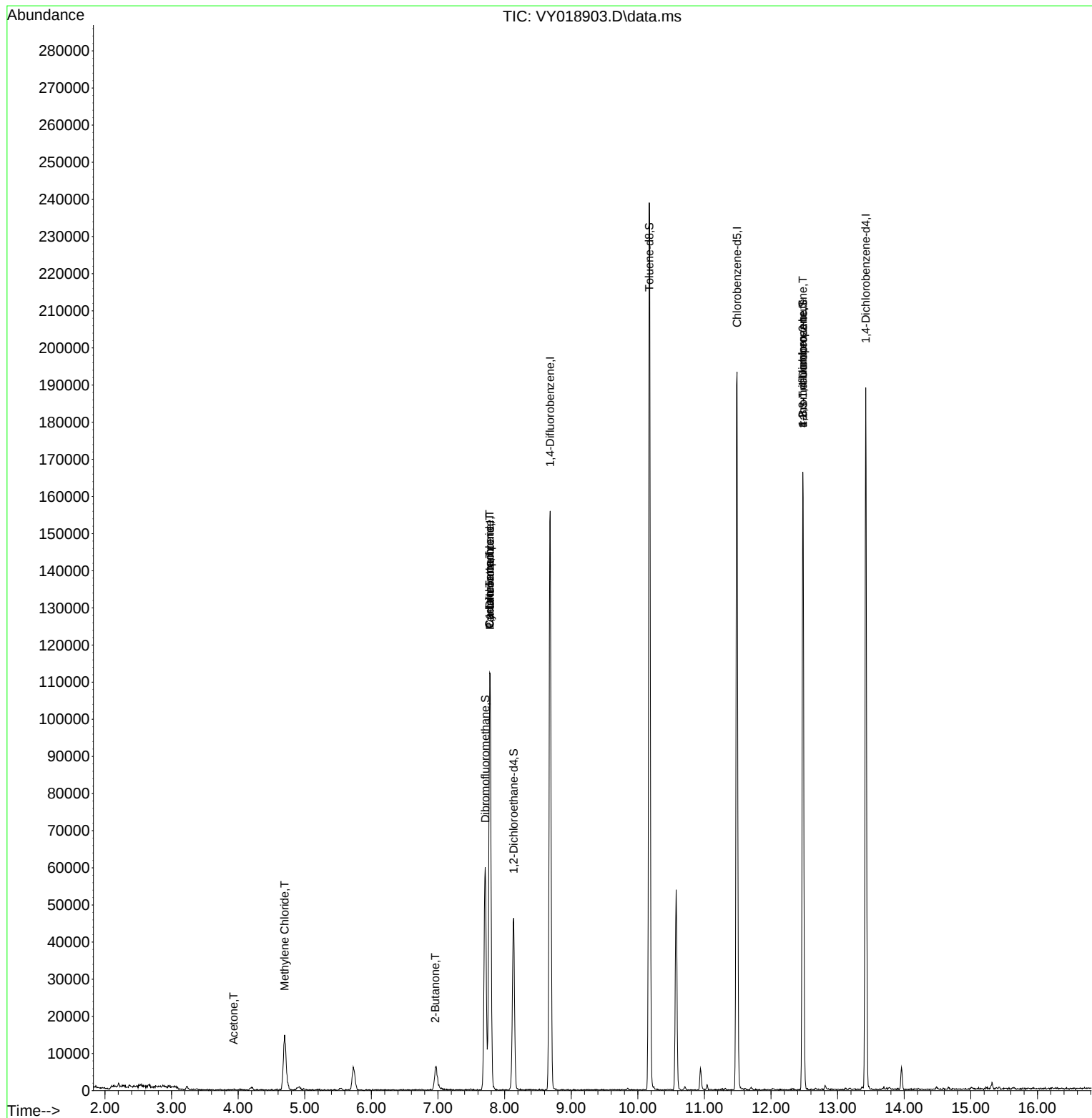
Internal Standards						
1) Pentafluorobenzene	7.783	168	91910	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	137655	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	110914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	48335	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	35705	39.479	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.960%
35) Dibromofluoromethane	7.710	113	41228	47.819	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.640%
50) Toluene-d8	10.173	98	153186	46.898	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.800%
62) 4-Bromofluorobenzene	12.477	95	46376	41.575	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.140%
Target Compounds						
					Qvalue	
16) Acetone	3.930	43	298	1.787	ug/l #	36
20) Methylene Chloride	4.698	84	10714	7.086	ug/l	89
25) 2-Butanone	6.960	43	340	1.455	ug/l #	41
31) Cyclohexane	7.777	56	1979	1.424	ug/l #	36
36) 1,1-Dichloropropene	7.777	75	6376	5.359	ug/l #	52
38) Carbon Tetrachloride	7.777	117	8883	6.199	ug/l #	18
76) 1,2,3-Trichloropropane	12.477	75	24719	65.296	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	24719	146.136	ug/l #	16

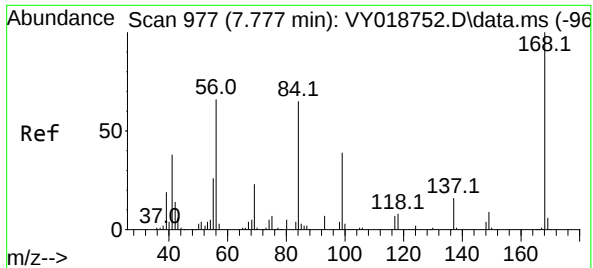
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072424\
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Quant Title : SW846 8260
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Response via : Initial Calibration

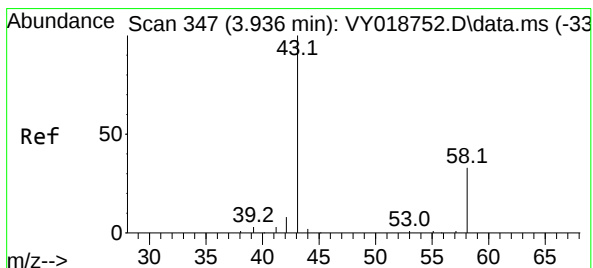
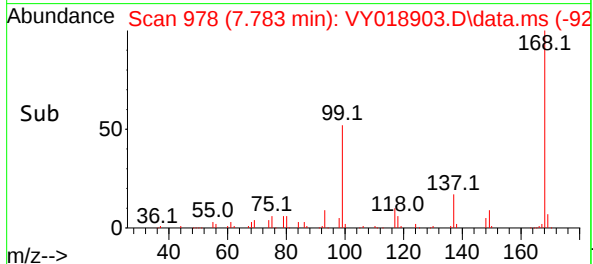
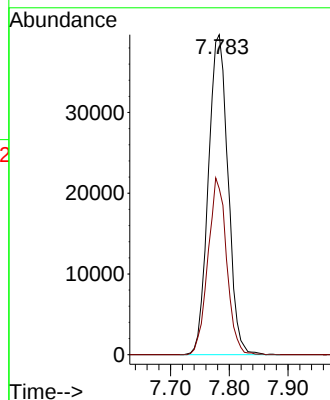
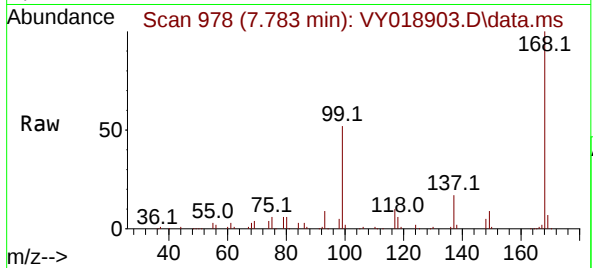




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018903.D
Acq: 24 Jul 2024 11:49

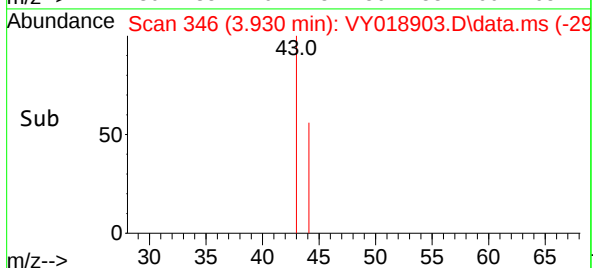
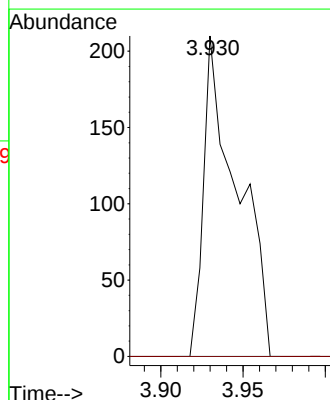
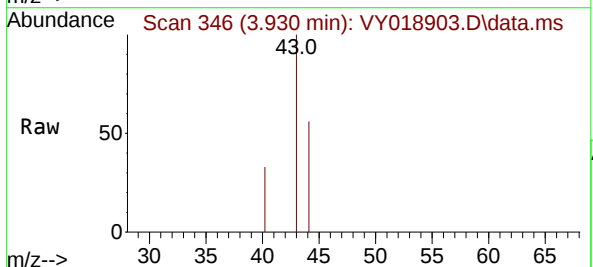
Instrument :
MSVOA_Y
ClientSampleId :

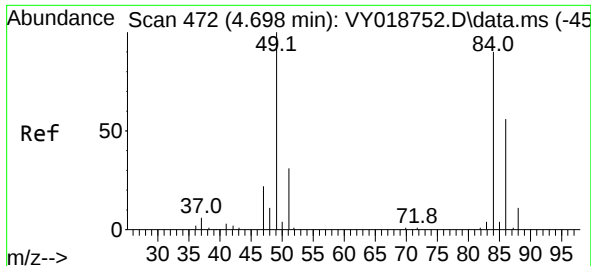
Tgt Ion:168 Resp: 91910
Ion Ratio Lower Upper
168 100
99 51.9 39.1 58.7



#16
Acetone
Concen: 1.787 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY018903.D
Acq: 24 Jul 2024 11:49

Tgt Ion: 43 Resp: 298
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



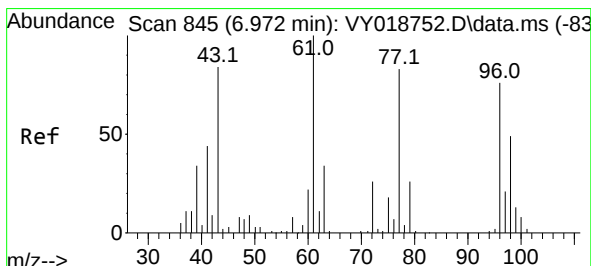
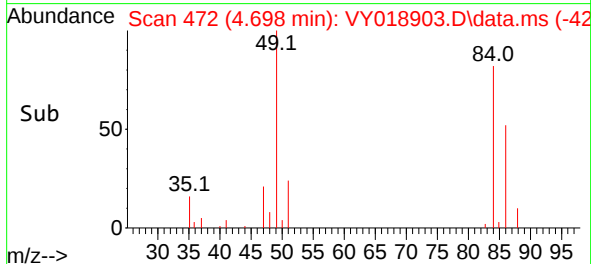
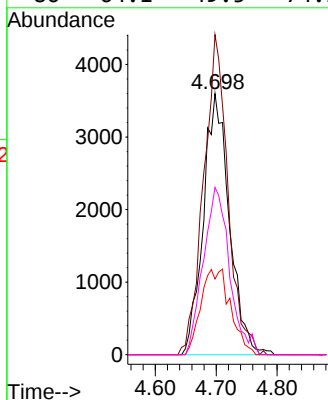
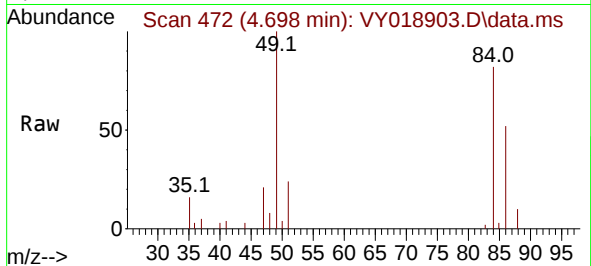


#20
Methylene Chloride
Concen: 7.086 ug/l
RT: 4.698 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018903.D
Acq: 24 Jul 2024 11:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 10714

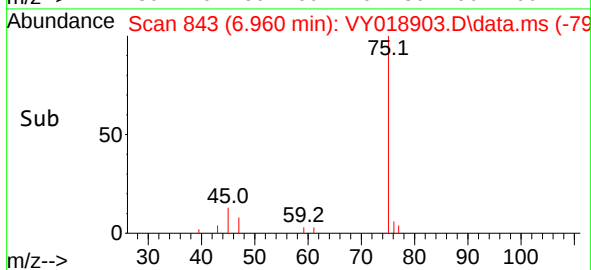
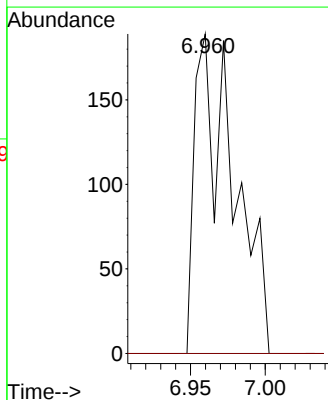
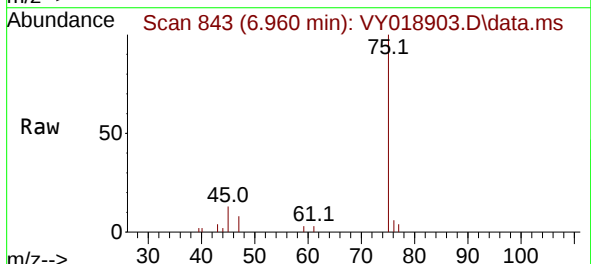
Ion	Ratio	Lower	Upper
84	100		
49	122.5	84.4	126.6
51	29.0	26.0	39.0
86	64.1	49.5	74.3

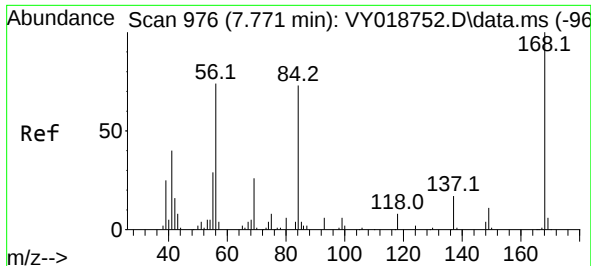


#25
2-Butanone
Concen: 1.455 ug/l
RT: 6.960 min Scan# 843
Delta R.T. -0.012 min
Lab File: VY018903.D
Acq: 24 Jul 2024 11:49

Tgt Ion: 43 Resp: 340

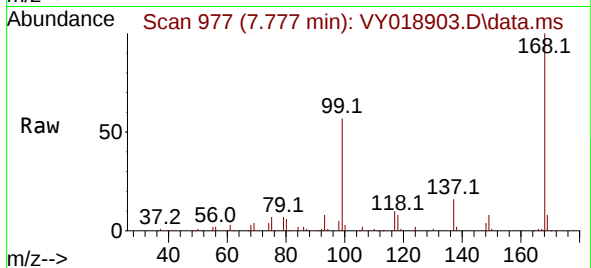
Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.3	40.9#



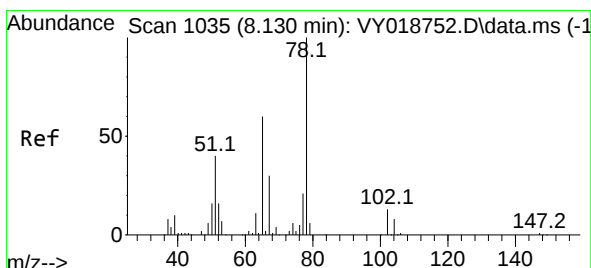
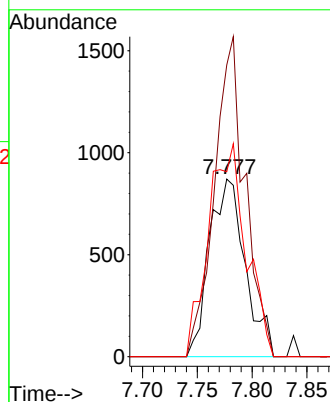
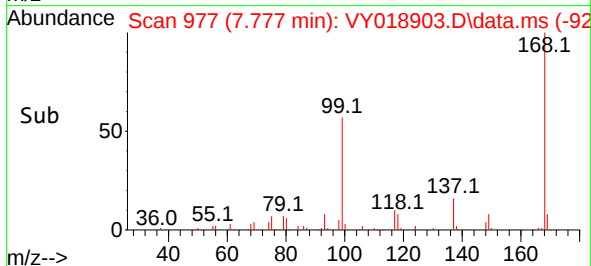


#31
Cyclohexane
Concen: 1.424 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018903.D
Acq: 24 Jul 2024 11:49

Instrument :
MSVOA_Y
ClientSampleId :

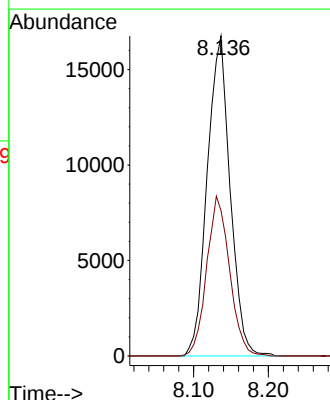
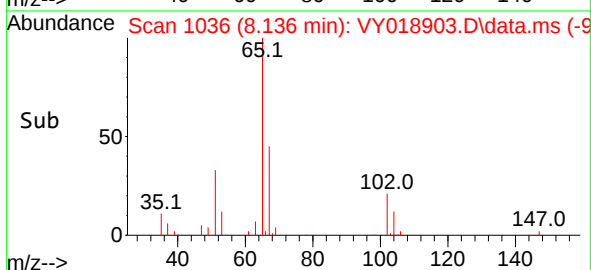
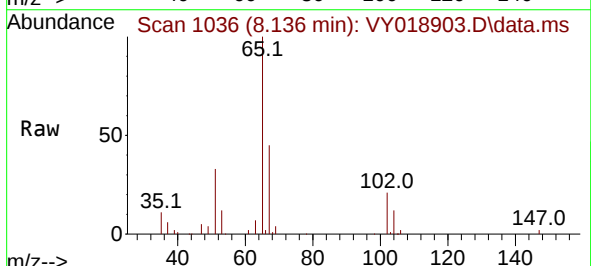


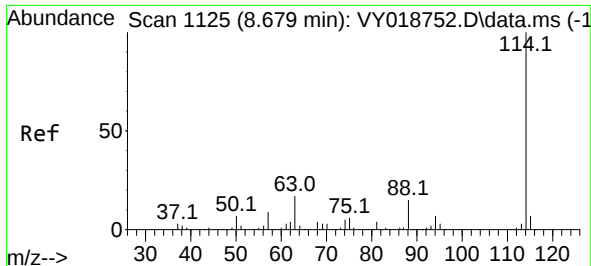
Tgt Ion: 56 Resp: 1979
Ion Ratio Lower Upper
56 100
69 164.2 28.7 43.1#
84 104.1 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 39.479 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY018903.D
Acq: 24 Jul 2024 11:49

Tgt Ion: 65 Resp: 35705
Ion Ratio Lower Upper
65 100
67 49.9 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: VY018903.D

Acq: 24 Jul 2024 11:49

Instrument :

MSVOA_Y

ClientSampleId :

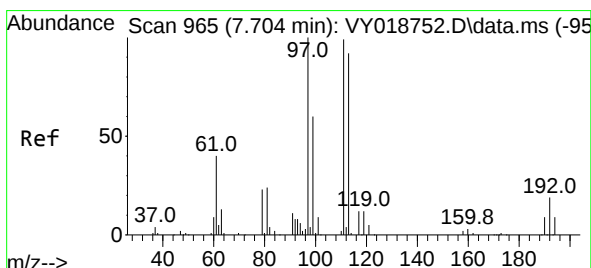
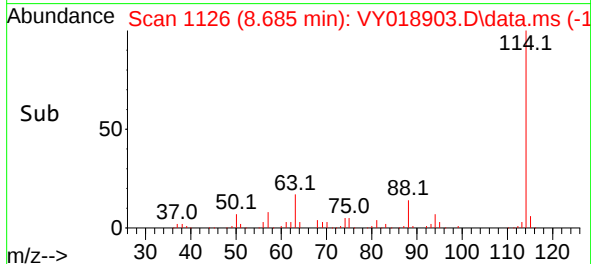
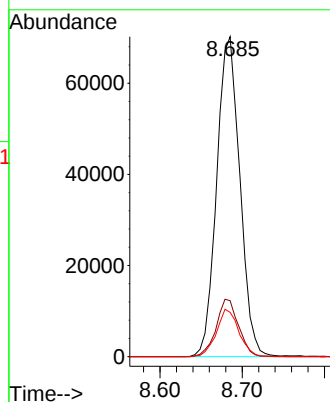
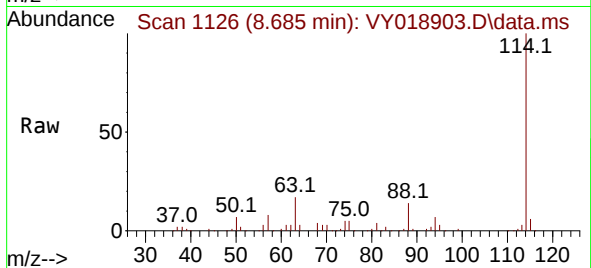
Tgt Ion:114 Resp: 137655

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.0

88 13.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.819 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018903.D

Acq: 24 Jul 2024 11:49

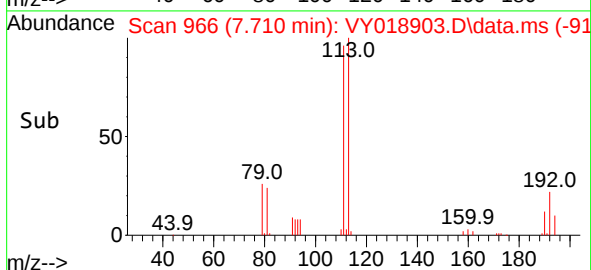
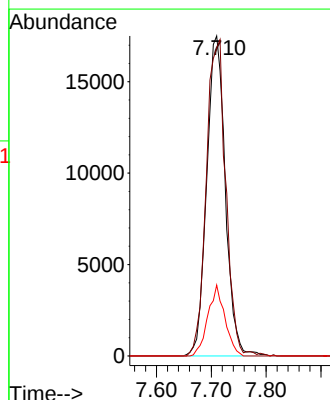
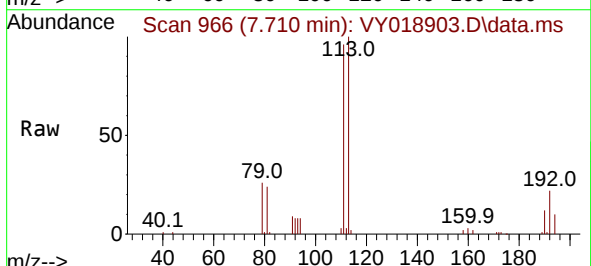
Tgt Ion:113 Resp: 41228

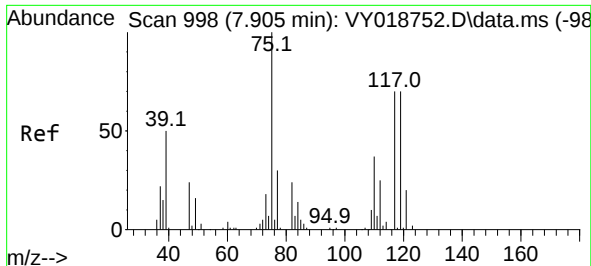
Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

192 20.2 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.359 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY018903.D

Acq: 24 Jul 2024 11:49

Instrument :

MSVOA_Y

ClientSampleId :

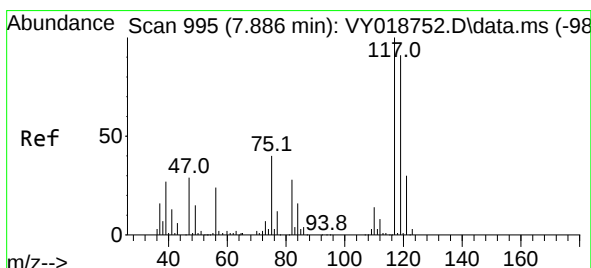
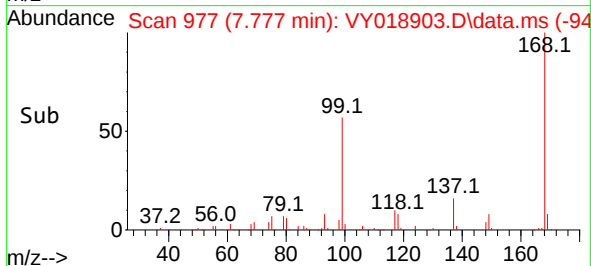
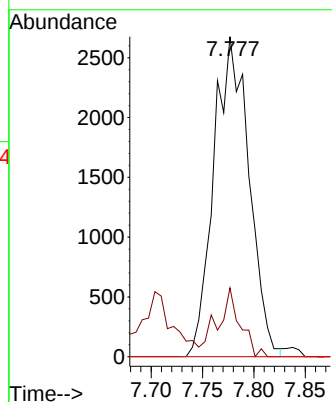
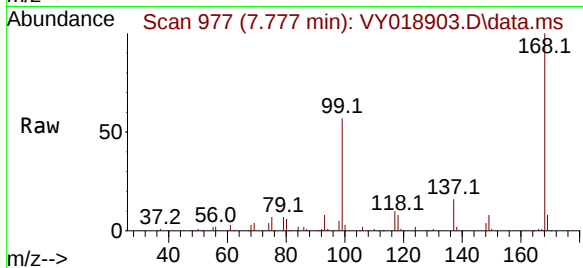
Tgt Ion: 75 Resp: 6376

Ion Ratio Lower Upper

75 100

110 13.7 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.199 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.110 min

Lab File: VY018903.D

Acq: 24 Jul 2024 11:49

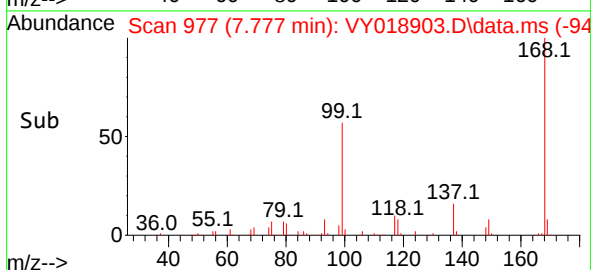
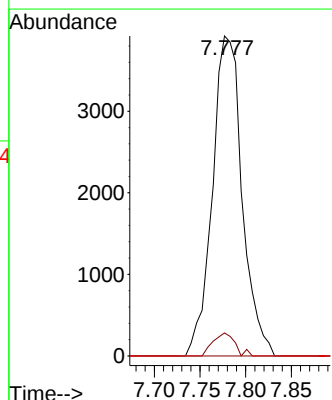
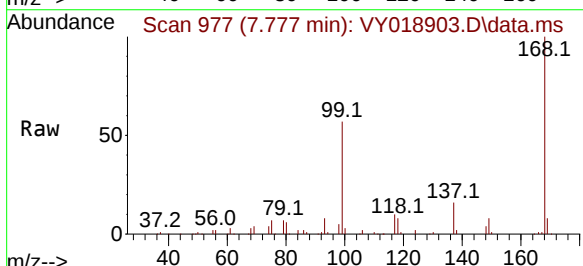
Tgt Ion: 117 Resp: 8883

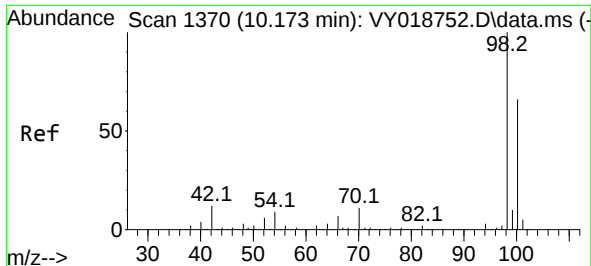
Ion Ratio Lower Upper

117 100

119 7.2 75.8 113.6#

121 0.0 24.0 36.0#

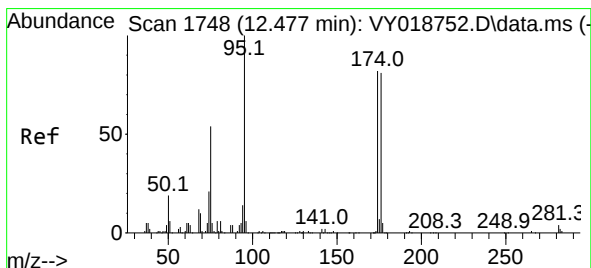
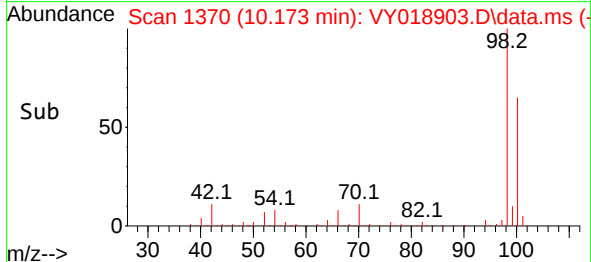
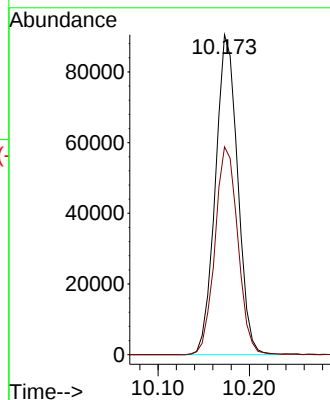
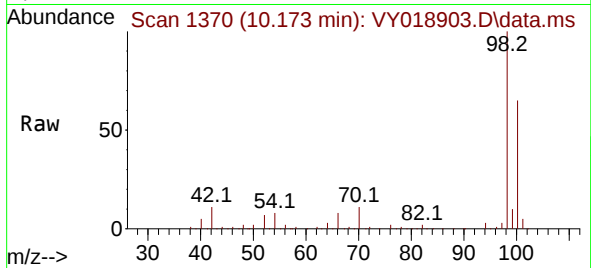




#50
Toluene-d8
Concen: 46.898 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018903.D
Acq: 24 Jul 2024 11:49

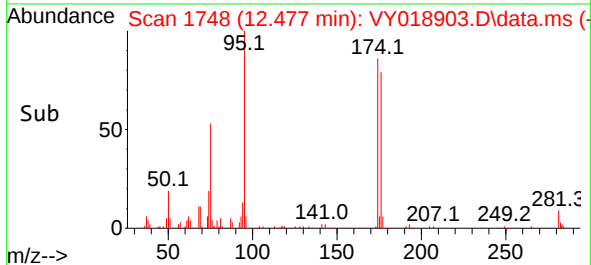
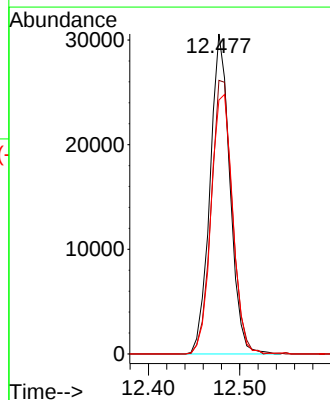
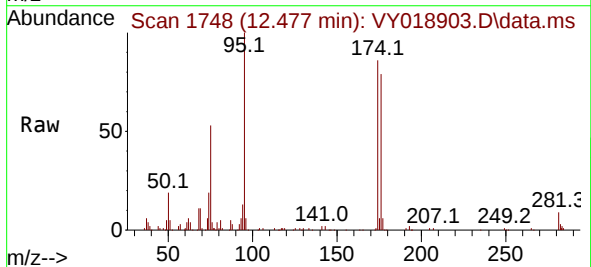
Instrument :
MSVOA_Y
ClientSampleId :

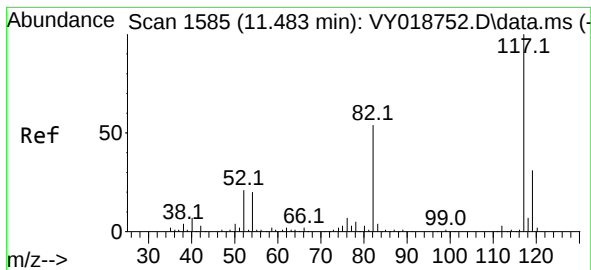
Tgt Ion: 98 Resp: 153186
Ion Ratio Lower Upper
98 100
100 66.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.575 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018903.D
Acq: 24 Jul 2024 11:49

Tgt Ion: 95 Resp: 46376
Ion Ratio Lower Upper
95 100
174 90.6 0.0 175.6
176 88.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018903.D

Acq: 24 Jul 2024 11:49

Instrument :

MSVOA_Y

ClientSampleId :

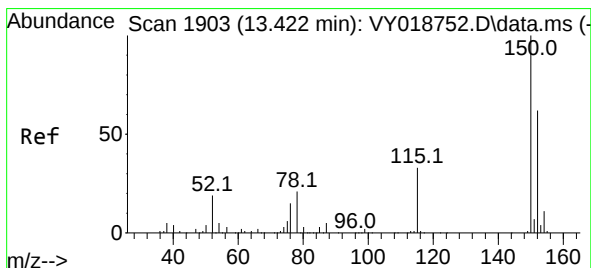
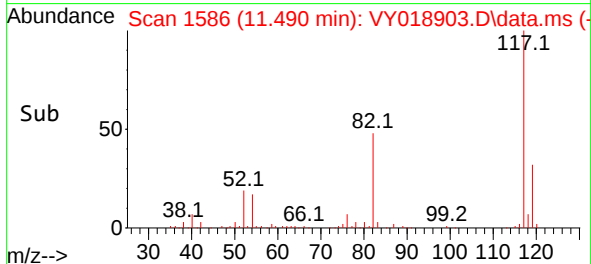
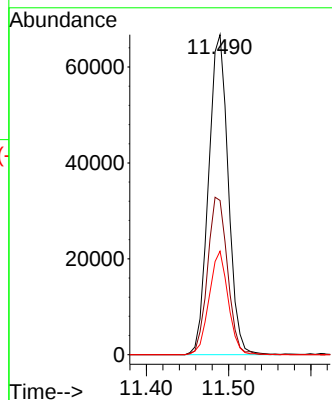
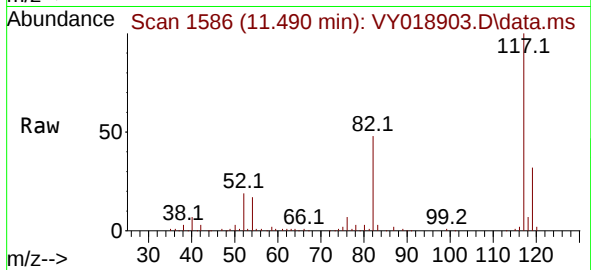
Tgt Ion:117 Resp: 110914

Ion Ratio Lower Upper

117 100

82 48.2 42.4 63.6

119 32.4 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: VY018903.D

Acq: 24 Jul 2024 11:49

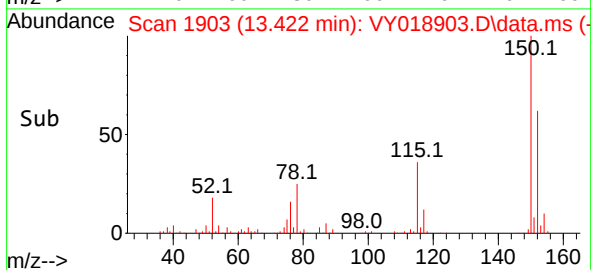
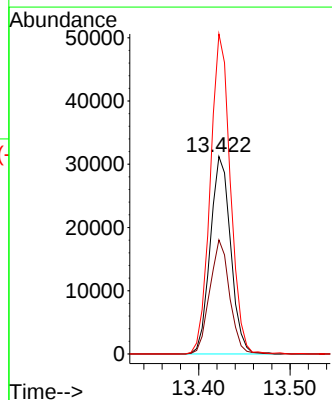
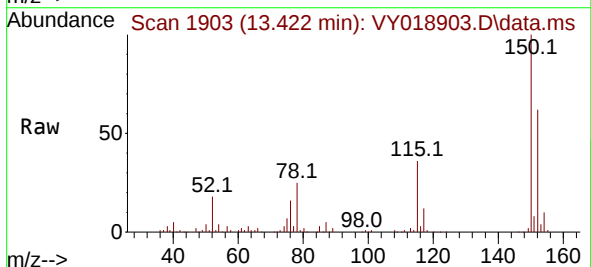
Tgt Ion:152 Resp: 48335

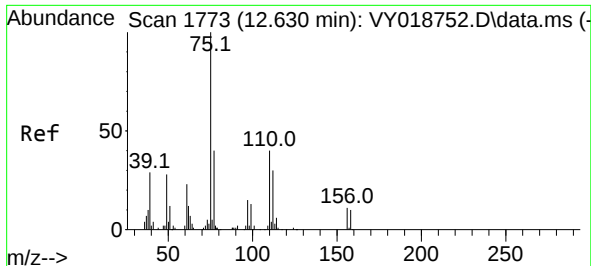
Ion Ratio Lower Upper

152 100

115 56.0 28.2 84.7

150 159.5 0.0 345.6

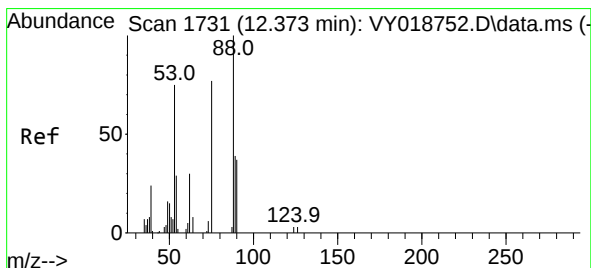
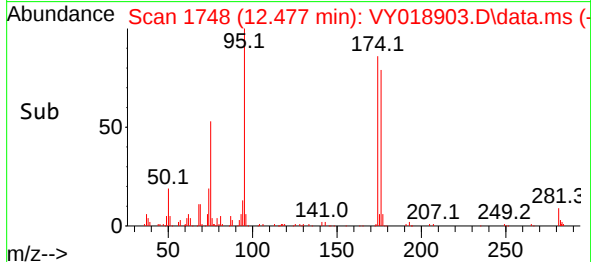
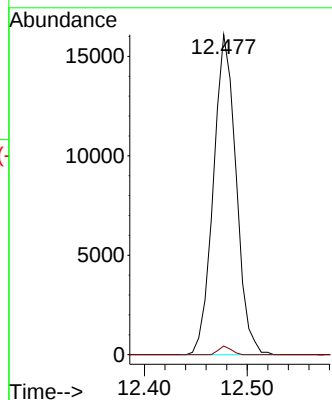
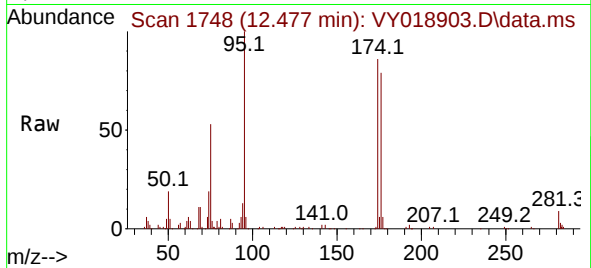




#76
1,2,3-Trichloropropane
Concen: 65.296 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY018903.D
Acq: 24 Jul 2024 11:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 24719
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 146.136 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018903.D
Acq: 24 Jul 2024 11:49

Tgt Ion: 75 Resp: 24719
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

