

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072424\
 Data File : VY018906.D
 Acq On : 24 Jul 2024 13:09
 Operator : SY/MD
 Sample : P3340-02
 Misc : 6.82g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 25 01:28:49 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)

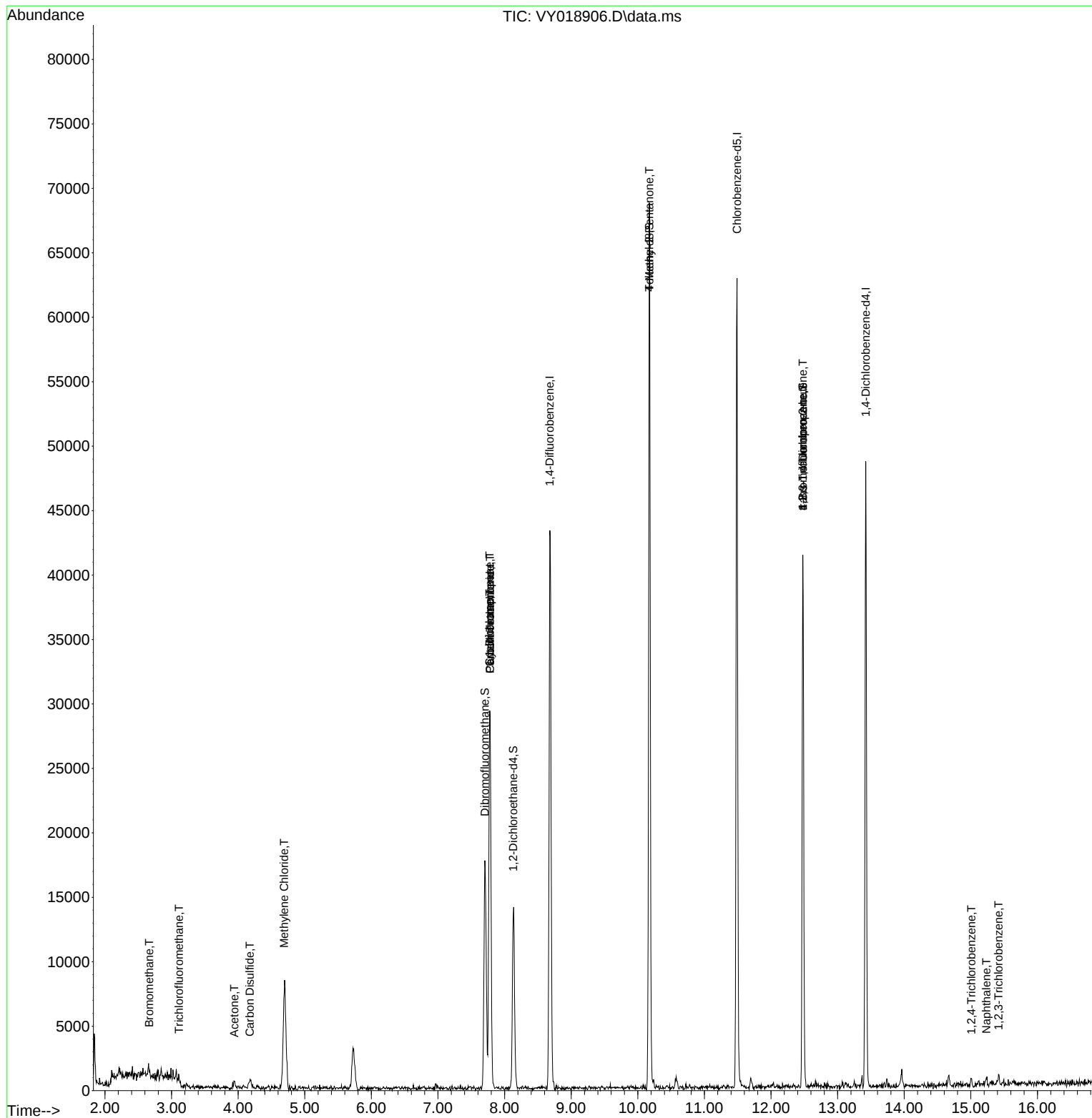
Internal Standards						
1) Pentafluorobenzene	7.783	168	24385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	38535	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	35262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	12043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	10618	44.250	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.500%
35) Dibromofluoromethane	7.704	113	12285	50.901	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.800%
50) Toluene-d8	10.173	98	43540	47.617	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.240%
62) 4-Bromofluorobenzene	12.477	95	12328	39.479	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.960%
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	476	1.905	ug/l #	45
7) Trichlorofluoromethane	3.113	101	697	1.468	ug/l	93
16) Acetone	3.942	43	546	12.342	ug/l #	72
17) Carbon Disulfide	4.174	76	1277	1.936	ug/l #	76
20) Methylene Chloride	4.692	84	6234	22.115	ug/l #	85
31) Cyclohexane	7.777	56	467	1.267	ug/l #	51
36) 1,1-Dichloropropene	7.777	75	1899	5.701	ug/l #	44
38) Carbon Tetrachloride	7.783	117	2433	6.065	ug/l #	17
51) 4-Methyl-2-Pentanone	10.173	43	170	1.209	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	6529	69.220	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	6529	154.917	ug/l #	16
93) 1,2,4-Trichlorobenzene	15.007	180	260	1.193	ug/l	66
95) Naphthalene	15.233	128	845	2.260	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.416	180	317	1.700	ug/l #	79

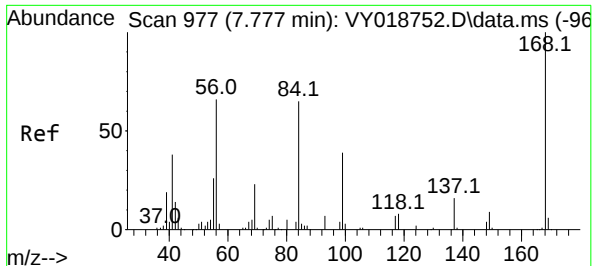
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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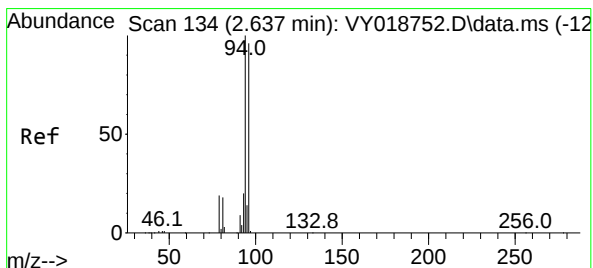
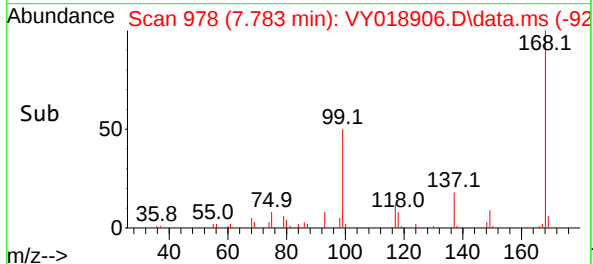
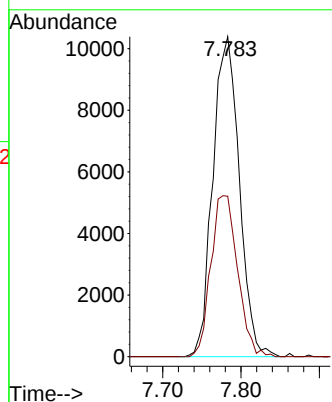
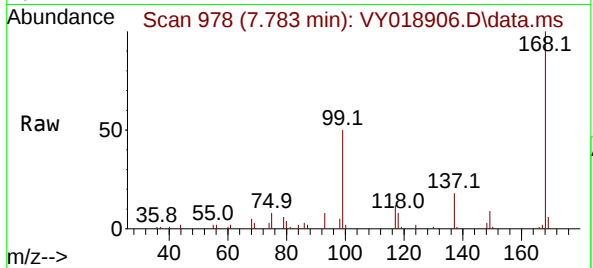




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018906.D
Acq: 24 Jul 2024 13:09

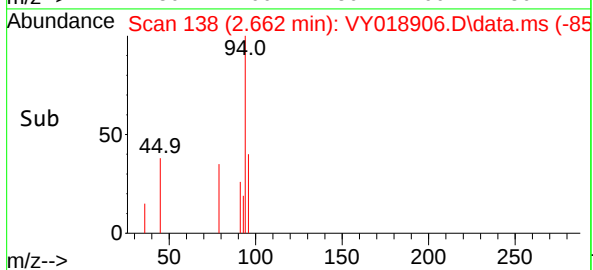
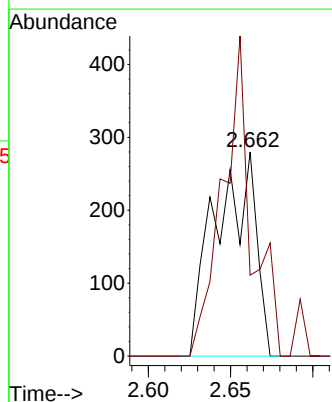
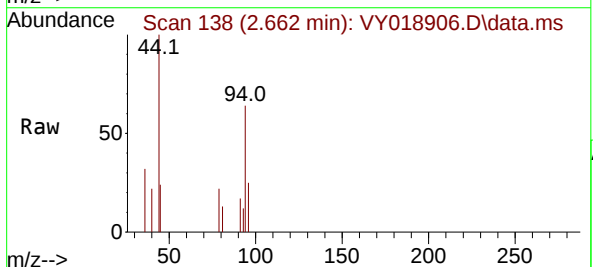
Instrument :
MSVOA_Y
ClientSampleId :

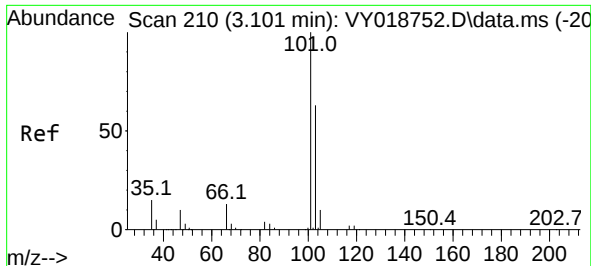
Tgt Ion:168 Resp: 24385
Ion Ratio Lower Upper
168 100
99 50.1 39.1 58.7



#5
Bromomethane
Concen: 1.905 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.024 min
Lab File: VY018906.D
Acq: 24 Jul 2024 13:09

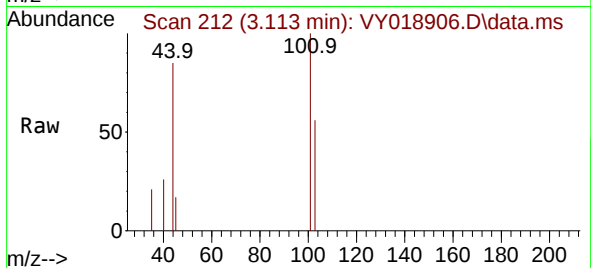
Tgt Ion: 94 Resp: 476
Ion Ratio Lower Upper
94 100
96 39.6 74.1 111.1#



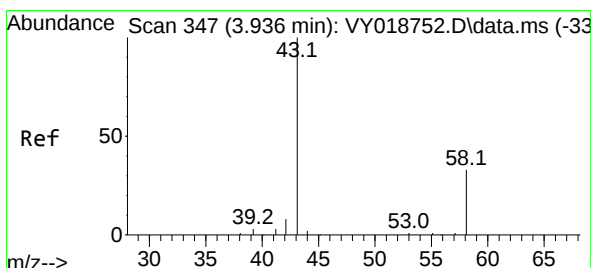
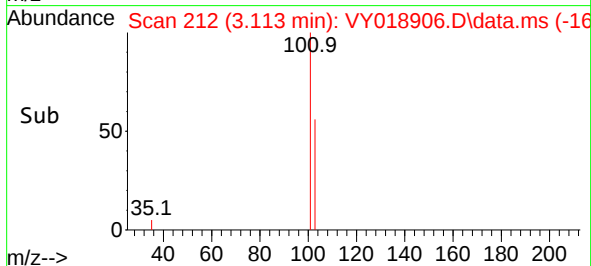
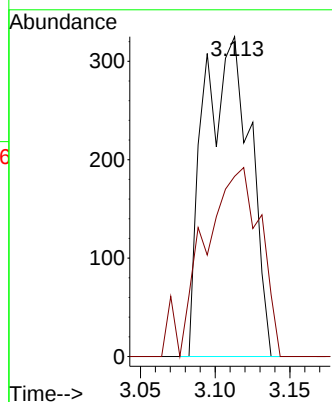


#7
 Trichlorofluoromethane
 Concen: 1.468 ug/l
 RT: 3.113 min Scan# 210
 Delta R.T. 0.012 min
 Lab File: VY018906.D
 Acq: 24 Jul 2024 13:09

Instrument :
 MSVOA_Y
 ClientSampleId :

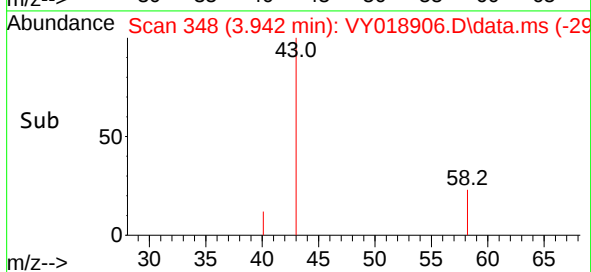
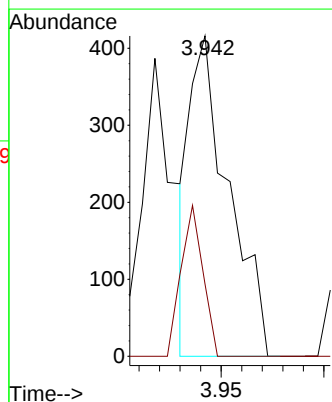
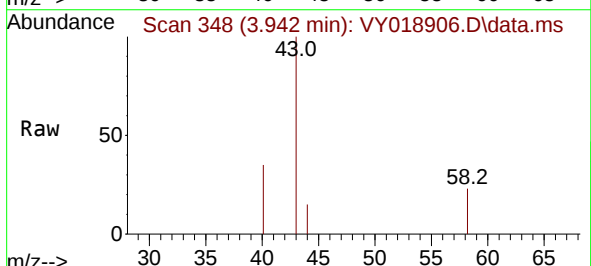


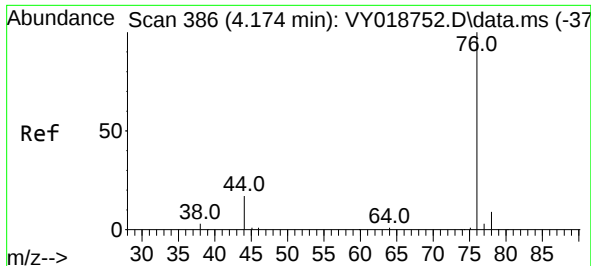
Tgt Ion:101 Resp: 697
 Ion Ratio Lower Upper
 101 100
 103 56.3 49.3 73.9



#16
 Acetone
 Concen: 12.342 ug/l
 RT: 3.942 min Scan# 348
 Delta R.T. 0.006 min
 Lab File: VY018906.D
 Acq: 24 Jul 2024 13:09

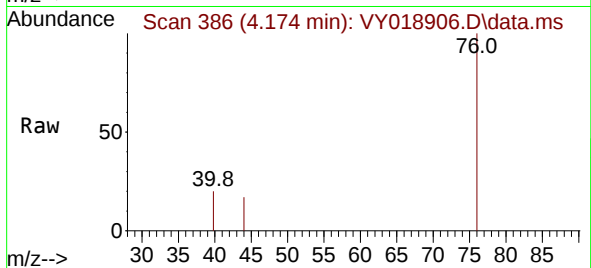
Tgt Ion: 43 Resp: 546
 Ion Ratio Lower Upper
 43 100
 58 22.6 31.7 47.5#



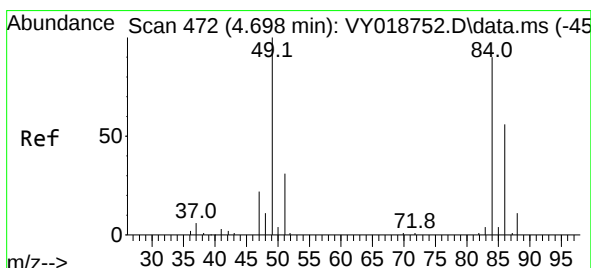
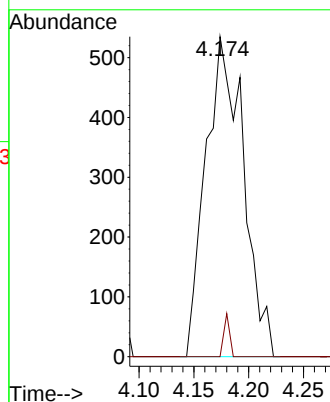
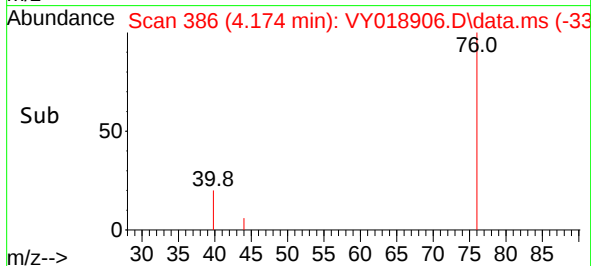


#17
Carbon Disulfide
Concen: 1.936 ug/l
RT: 4.174 min Scan# 386
Delta R.T. 0.000 min
Lab File: VY018906.D
Acq: 24 Jul 2024 13:09

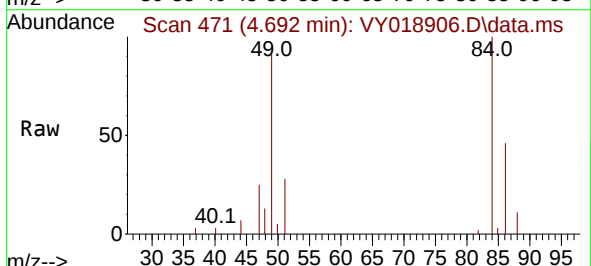
Instrument :
MSVOA_Y
ClientSampleId :



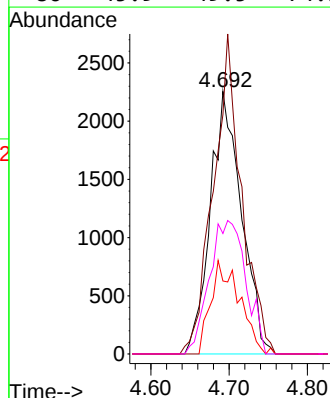
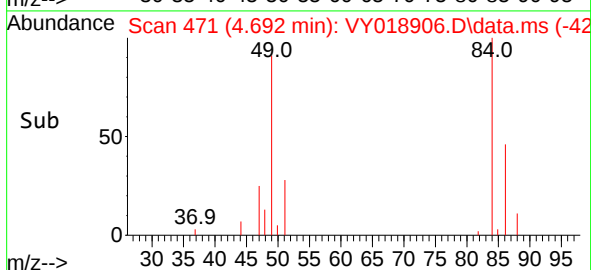
Tgt Ion: 76 Resp: 1277
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#

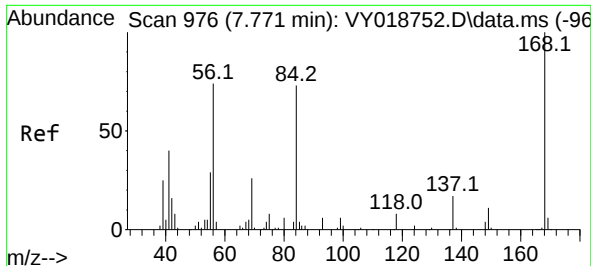


#20
Methylene Chloride
Concen: 22.115 ug/l
RT: 4.692 min Scan# 471
Delta R.T. -0.006 min
Lab File: VY018906.D
Acq: 24 Jul 2024 13:09



Tgt Ion: 84 Resp: 6234
Ion Ratio Lower Upper
84 100
49 91.2 84.4 126.6
51 27.8 26.0 39.0
86 45.9 49.5 74.3#

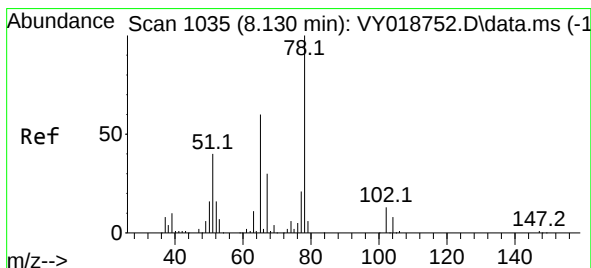
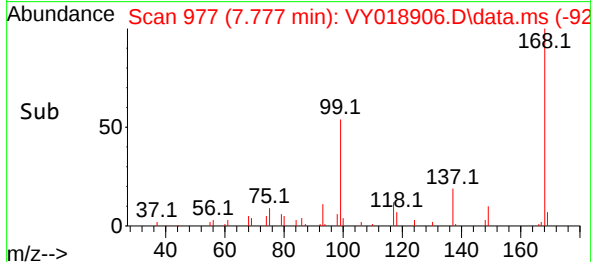
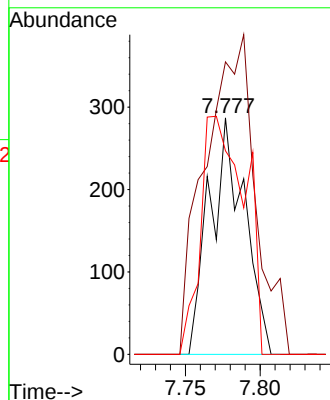
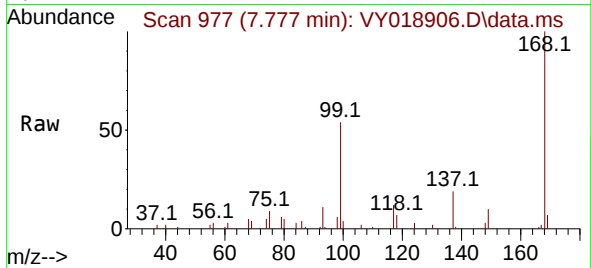




#31
Cyclohexane
Concen: 1.267 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018906.D
Acq: 24 Jul 2024 13:09

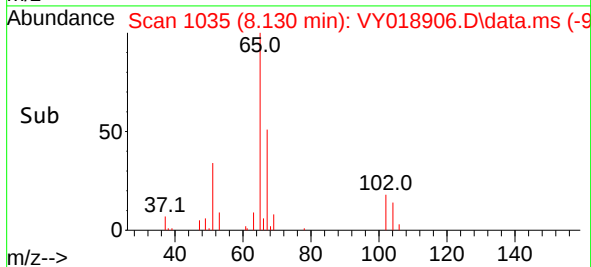
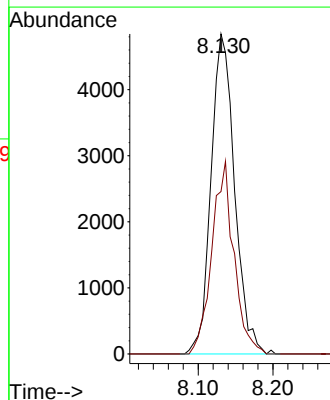
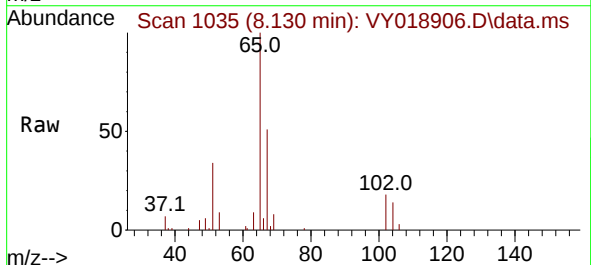
Instrument :
MSVOA_Y
ClientSampleId :

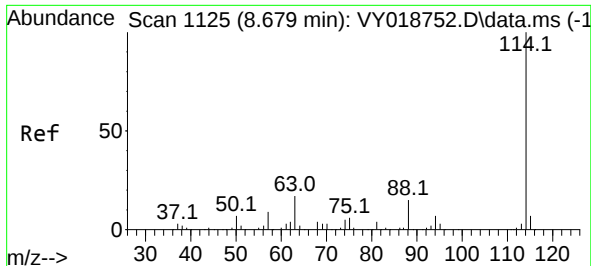
Tgt Ion: 56 Resp: 467
Ion Ratio Lower Upper
56 100
69 123.7 28.7 43.1#
84 86.1 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 44.250 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018906.D
Acq: 24 Jul 2024 13:09

Tgt Ion: 65 Resp: 10618
Ion Ratio Lower Upper
65 100
67 56.3 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: VY018906.D

Acq: 24 Jul 2024 13:09

Instrument :

MSVOA_Y

ClientSampleId :

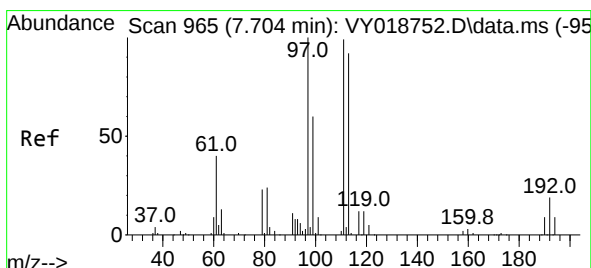
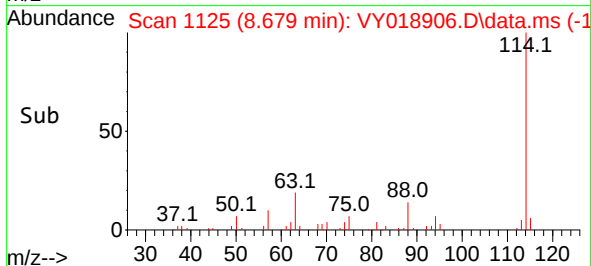
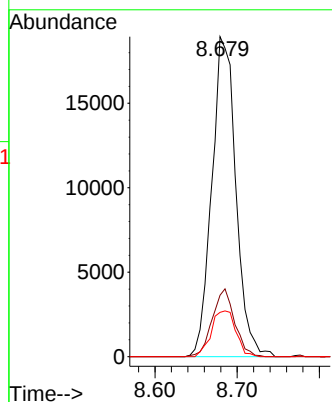
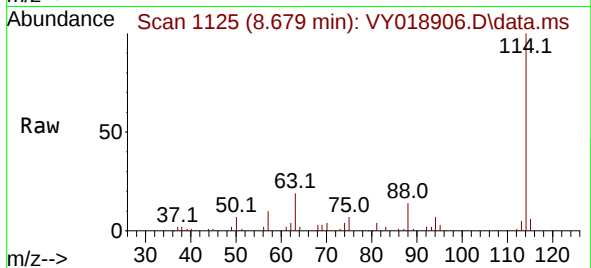
Tgt Ion:114 Resp: 38535

Ion Ratio Lower Upper

114 100

63 19.2 0.0 35.0

88 13.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.901 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018906.D

Acq: 24 Jul 2024 13:09

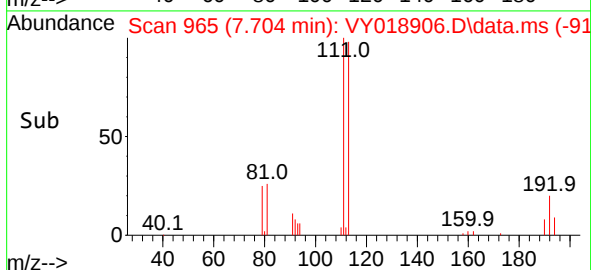
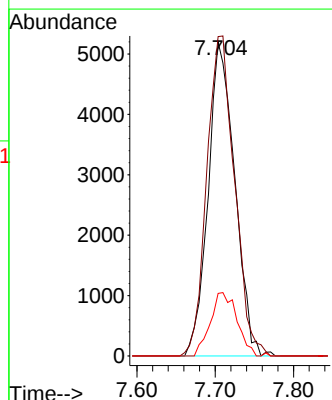
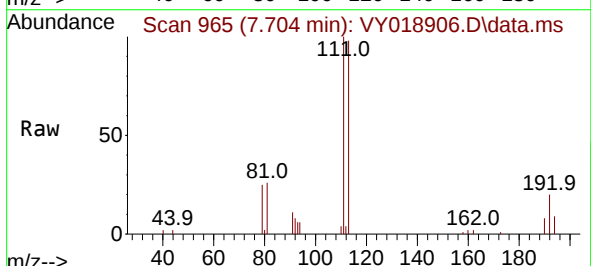
Tgt Ion:113 Resp: 12285

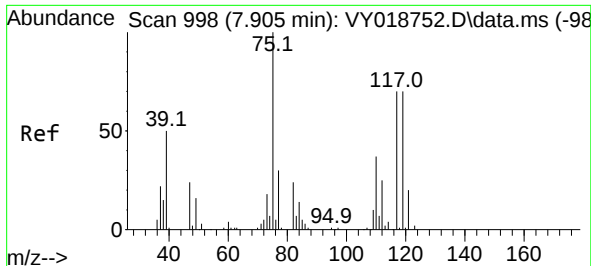
Ion Ratio Lower Upper

113 100

111 105.9 82.2 123.4

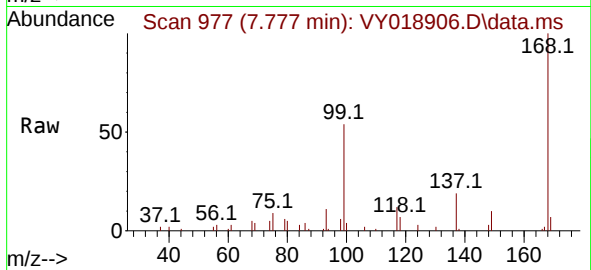
192 20.2 15.9 23.9



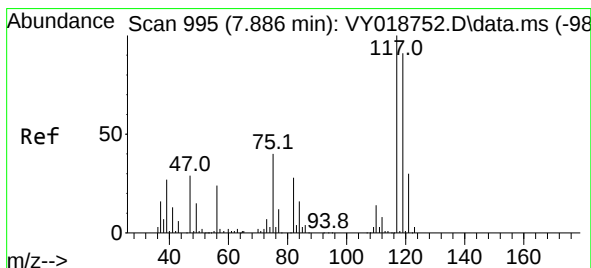
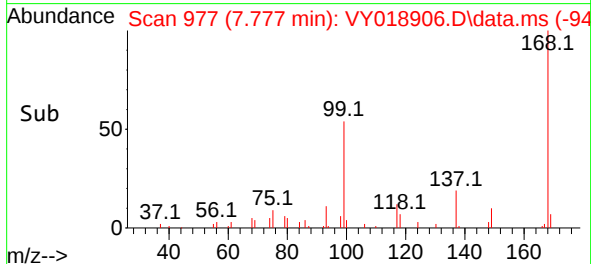
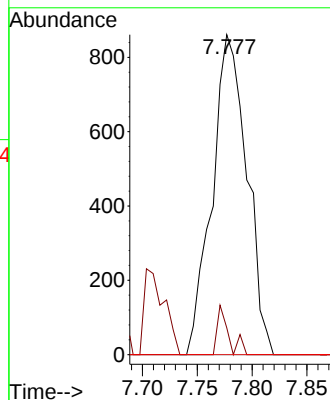


#36
 1,1-Dichloropropene
 Concen: 5.701 ug/l
 RT: 7.777 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY018906.D
 Acq: 24 Jul 2024 13:09

Instrument :
 MSVOA_Y
 ClientSampleId :

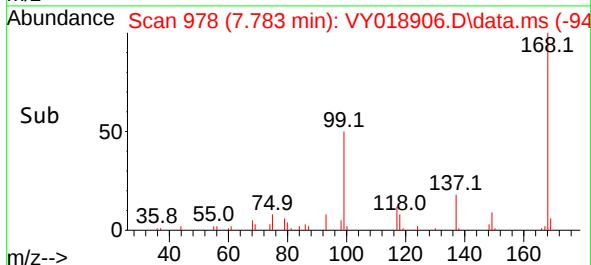
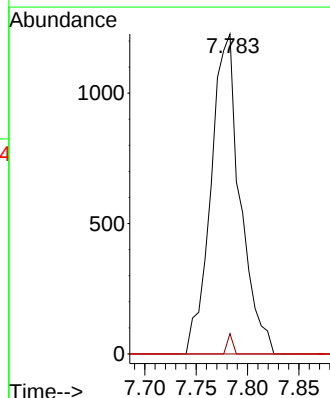
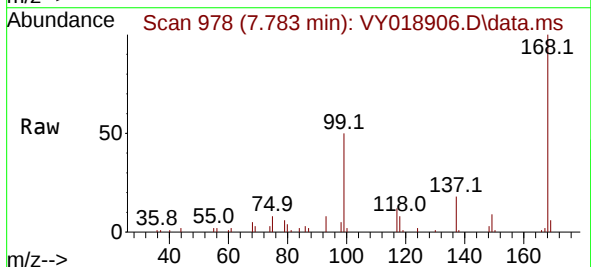


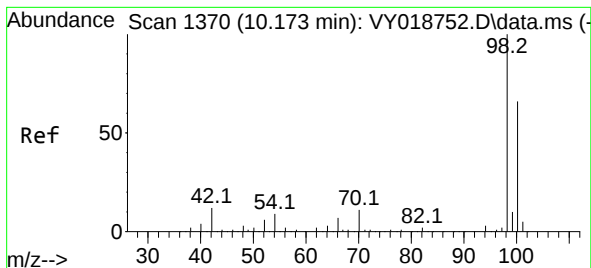
Tgt Ion: 75 Resp: 1899
 Ion Ratio Lower Upper
 75 100
 110 5.0 19.0 57.0#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 6.065 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.104 min
 Lab File: VY018906.D
 Acq: 24 Jul 2024 13:09

Tgt Ion: 117 Resp: 2433
 Ion Ratio Lower Upper
 117 100
 119 6.4 75.8 113.6#
 121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 47.617 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018906.D

Acq: 24 Jul 2024 13:09

Instrument :

MSVOA_Y

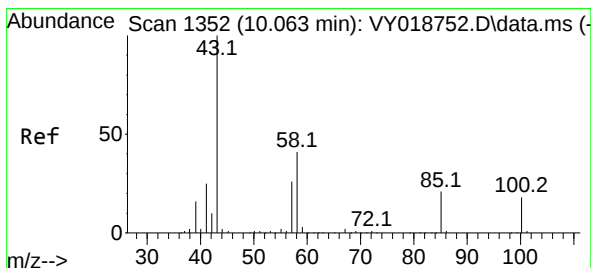
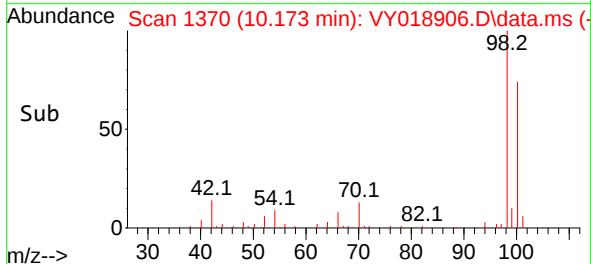
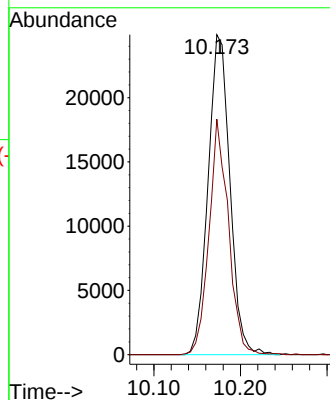
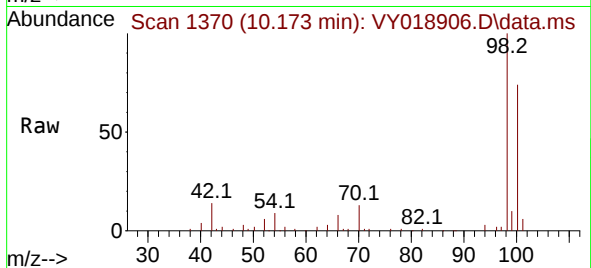
ClientSampleId :

Tgt Ion: 98 Resp: 43540

Ion Ratio Lower Upper

98 100

100 65.8 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 1.209 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.110 min

Lab File: VY018906.D

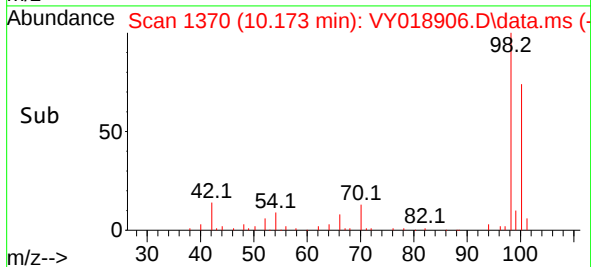
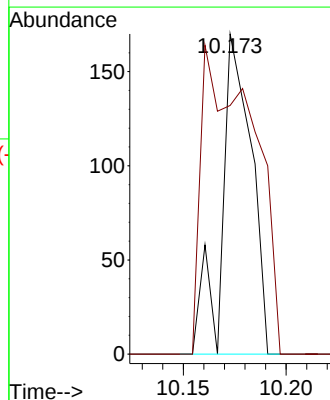
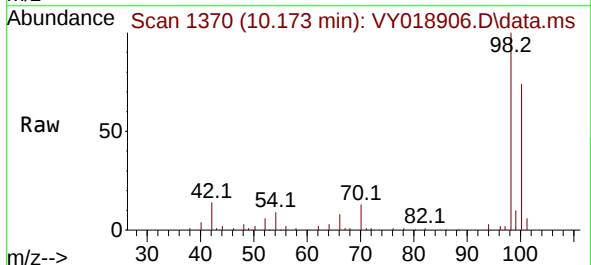
Acq: 24 Jul 2024 13:09

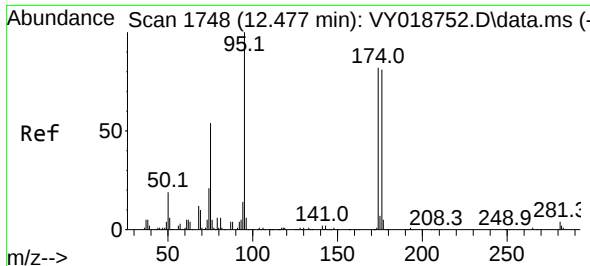
Tgt Ion: 43 Resp: 170

Ion Ratio Lower Upper

43 100

58 168.8 35.7 53.5#

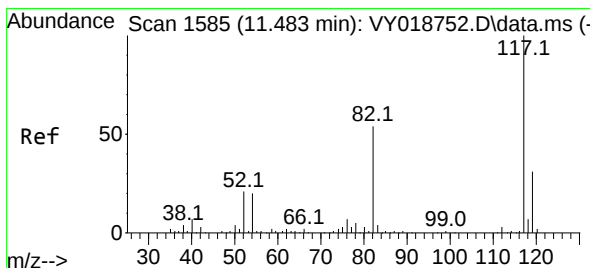
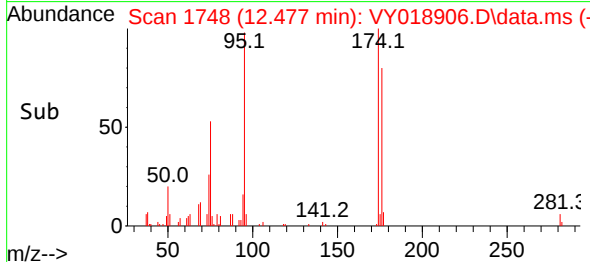
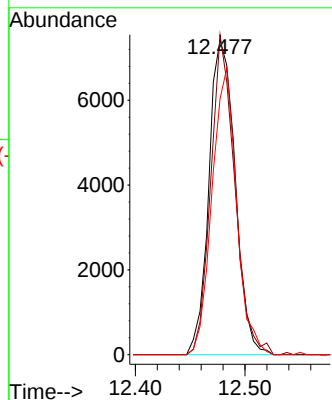
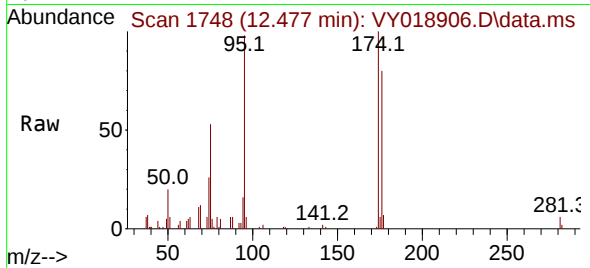




#62
4-Bromofluorobenzene
Concen: 39.479 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018906.D
Acq: 24 Jul 2024 13:09

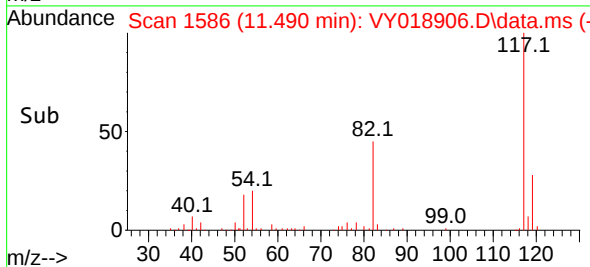
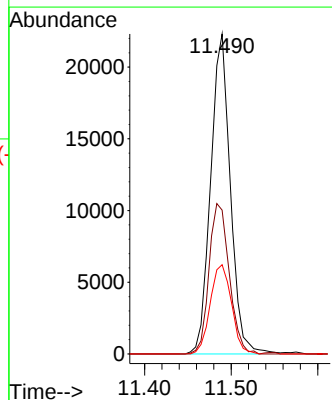
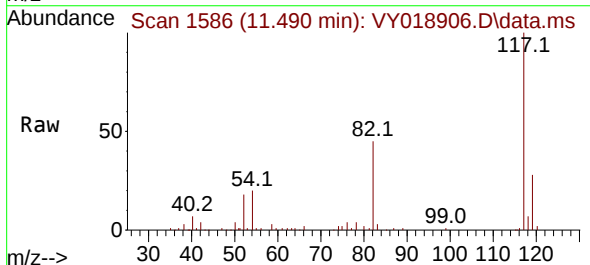
Instrument :
MSVOA_Y
ClientSampleId :

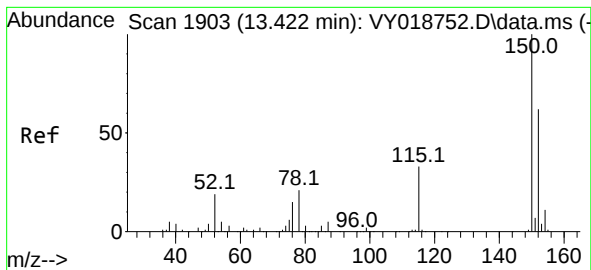
Tgt Ion: 95 Resp: 12328
Ion Ratio Lower Upper
95 100
174 92.9 0.0 175.6
176 85.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VY018906.D
Acq: 24 Jul 2024 13:09

Tgt Ion: 117 Resp: 35262
Ion Ratio Lower Upper
117 100
82 45.0 42.4 63.6
119 27.9 25.9 38.9

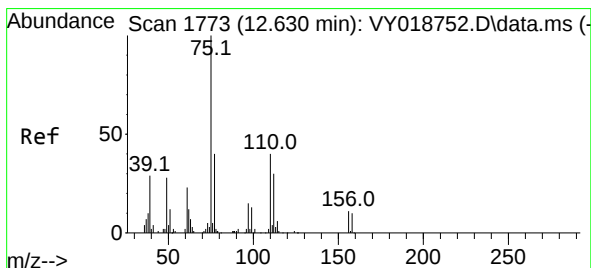
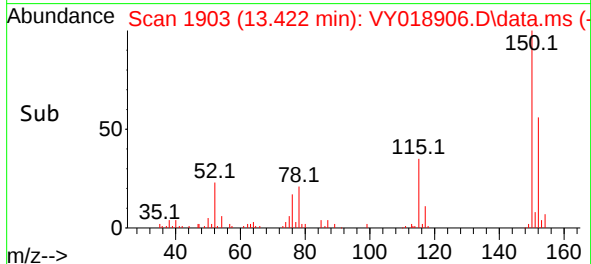
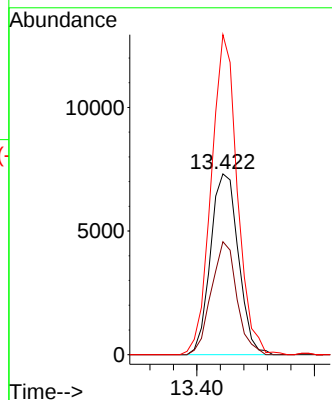
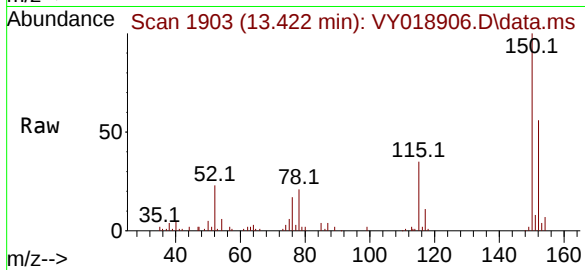




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY018906.D
 Acq: 24 Jul 2024 13:09

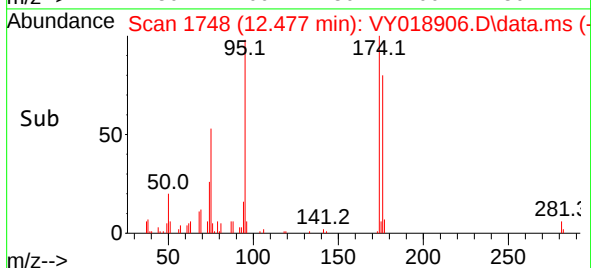
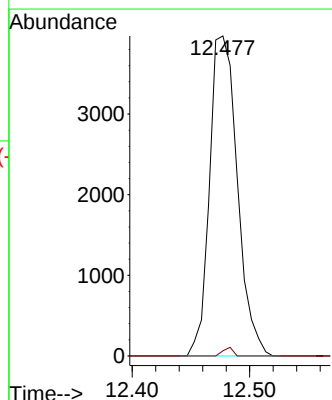
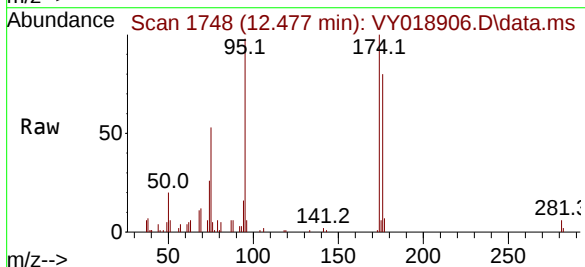
Instrument :
 MSVOA_Y
 ClientSampleId :

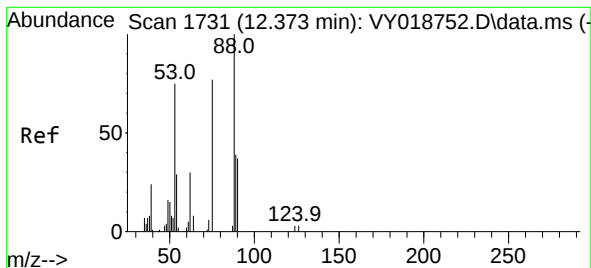
Tgt Ion:152 Resp: 12043
 Ion Ratio Lower Upper
 152 100
 115 57.3 28.2 84.7
 150 165.5 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 69.220 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY018906.D
 Acq: 24 Jul 2024 13:09

Tgt Ion: 75 Resp: 6529
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#

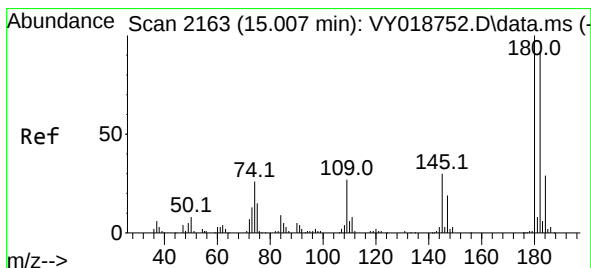
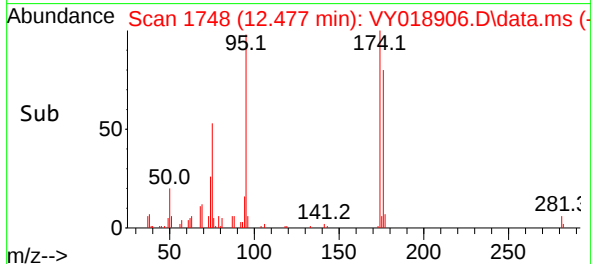
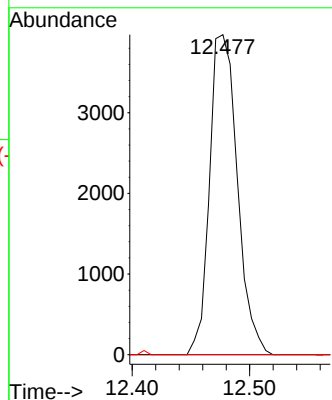
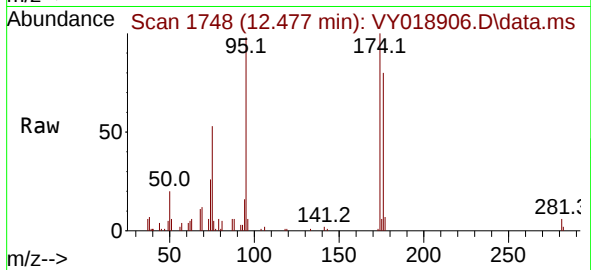




#81
 trans-1,4-Dichloro-2-butene
 Concen: 154.917 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. 0.104 min
 Lab File: VY018906.D
 Acq: 24 Jul 2024 13:09

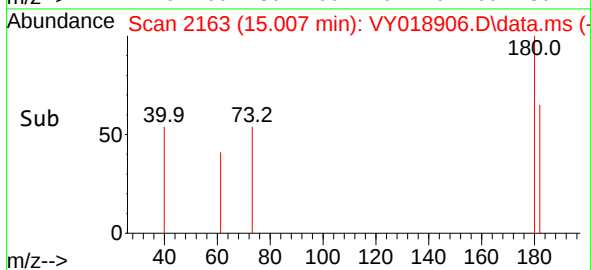
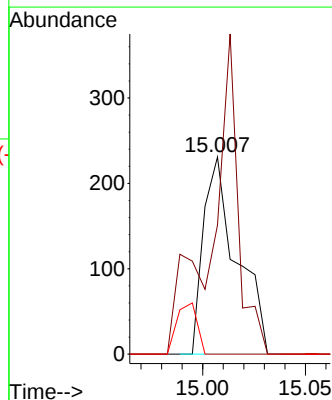
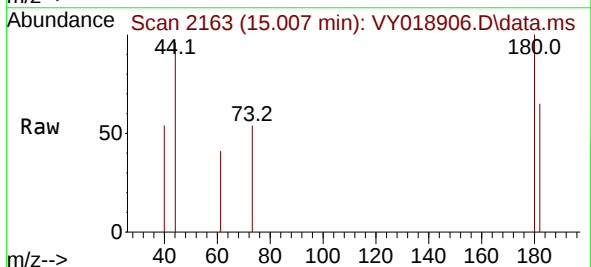
Instrument :
 MSVOA_Y
 ClientSampleId :

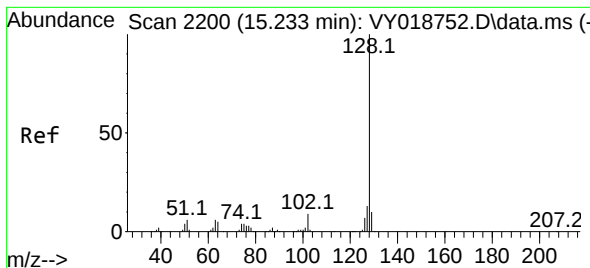
Tgt Ion: 75 Resp: 6529
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#



#93
 1,2,4-Trichlorobenzene
 Concen: 1.193 ug/l
 RT: 15.007 min Scan# 2163
 Delta R.T. 0.000 min
 Lab File: VY018906.D
 Acq: 24 Jul 2024 13:09

Tgt Ion:180 Resp: 260
 Ion Ratio Lower Upper
 180 100
 182 131.9 47.9 143.8
 145 15.8 14.2 42.6





#95

Naphthalene

Concen: 2.260 ug/l

RT: 15.233 min Scan# 21

Delta R.T. 0.000 min

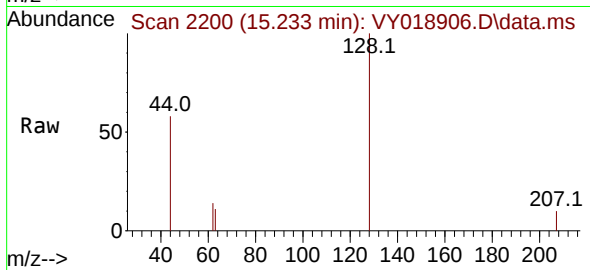
Lab File: VY018906.D

Acq: 24 Jul 2024 13:09

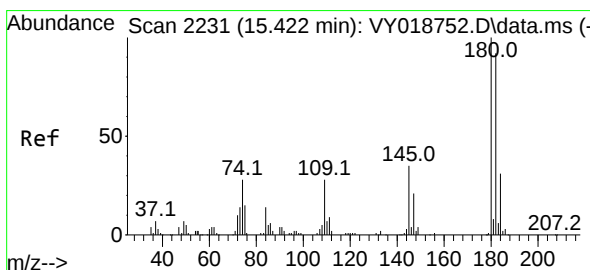
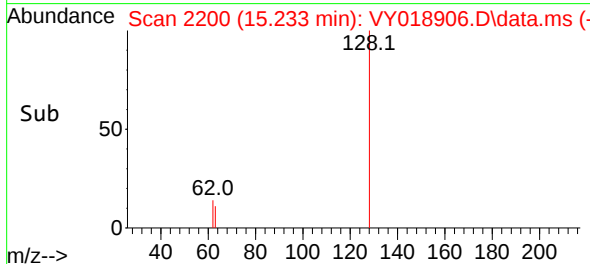
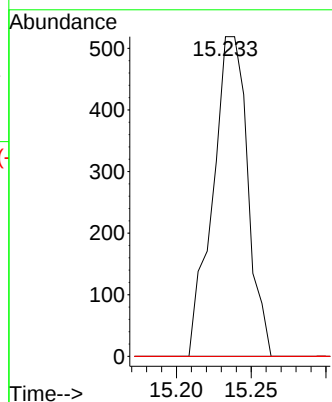
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	128	Resp:	845
Ion Ratio	Lower	Upper	
128	100		
127	0.0	10.6	16.0#
129	0.0	8.6	13.0#



#96

1,2,3-Trichlorobenzene

Concen: 1.700 ug/l

RT: 15.416 min Scan# 2230

Delta R.T. -0.006 min

Lab File: VY018906.D

Acq: 24 Jul 2024 13:09

Tgt Ion:	180	Resp:	317
Ion Ratio	Lower	Upper	
180	100		
182	104.7	47.6	142.9
145	0.0	15.4	46.1#

