

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016812.D
 Acq On : 22 Dec 2023 16:47
 Operator : SY/MD
 Sample : 05877-14
 Misc : 3.12g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COM49

Quant Time: Dec 22 23:01:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

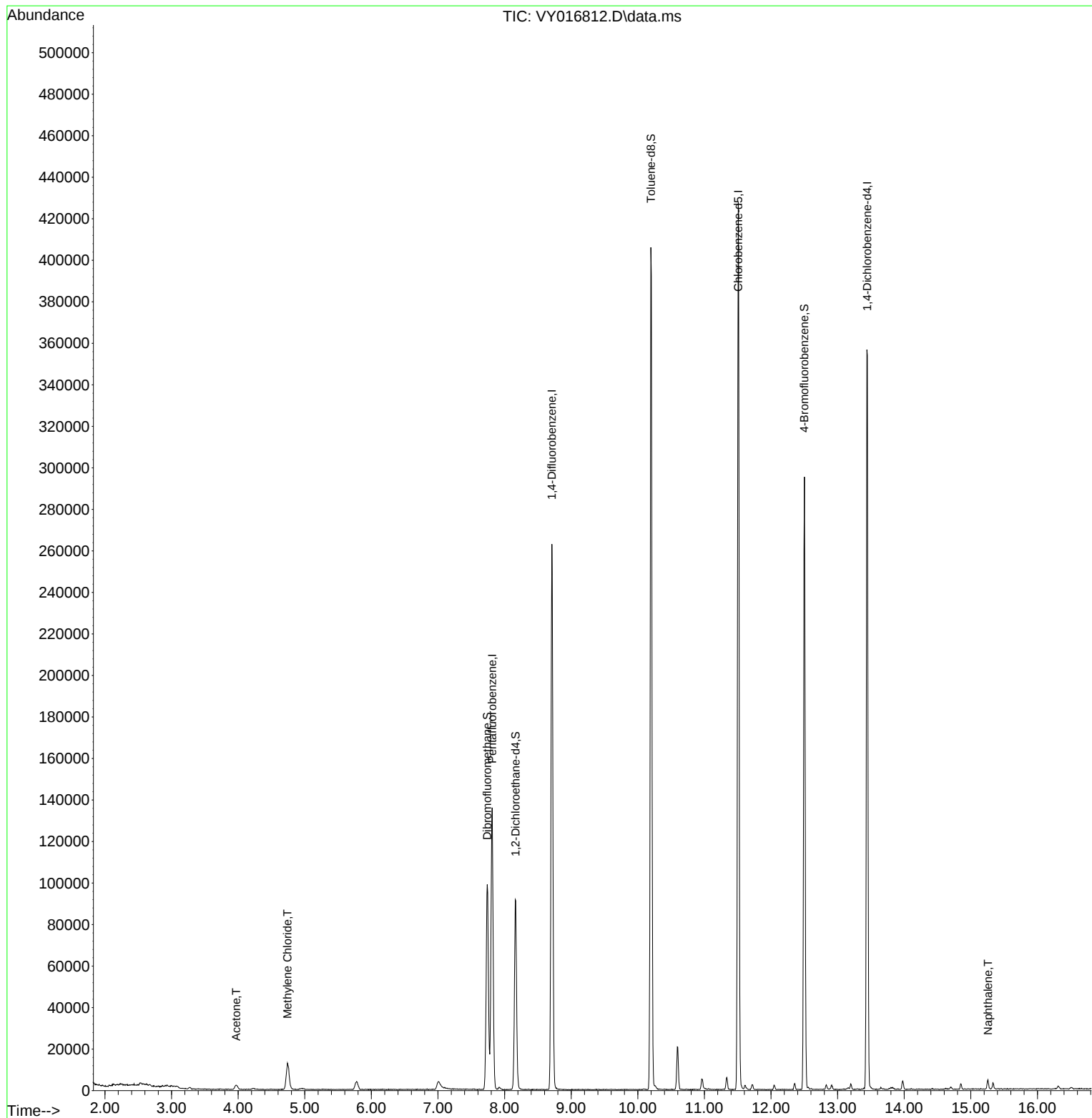
Internal Standards						
1) Pentafluorobenzene	7.813	168	100201	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	223526	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	231069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.447	152	89757	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	70102	76.637	ug/l	0.01
Spiked Amount	50.000	Range 50 - 163	Recovery	= 153.280%		
35) Dibromofluoromethane	7.740	113	72590	56.693	ug/l	0.01
Spiked Amount	50.000	Range 54 - 147	Recovery	= 113.380%		
50) Toluene-d8	10.197	98	263368	57.059	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 114.120%		
62) 4-Bromofluorobenzene	12.502	95	87527	58.449	ug/l	0.01
Spiked Amount	50.000	Range 30 - 143	Recovery	= 116.900%		
Target Compounds						
						Qvalue
16) Acetone	3.973	43	4175	16.879	ug/l	95
20) Methylene Chloride	4.741	84	9529	4.769	ug/l	97
95) Naphthalene	15.257	128	3857	4.828	ug/l	99

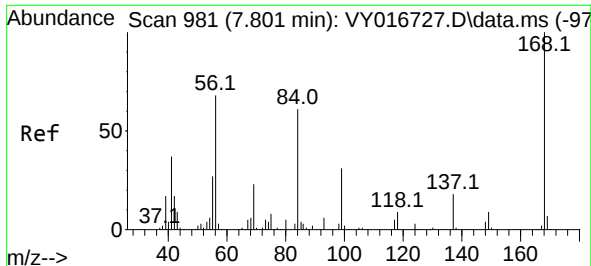
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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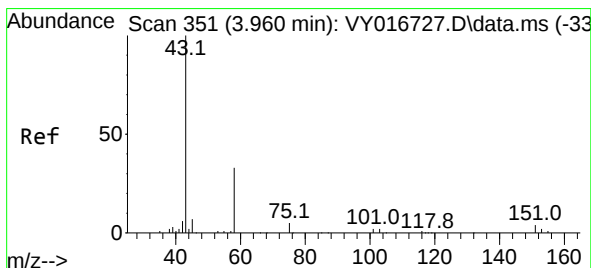
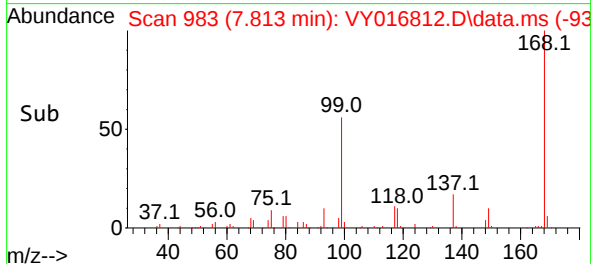
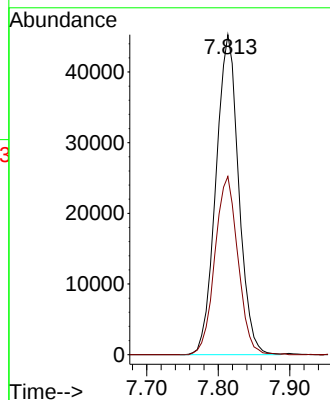
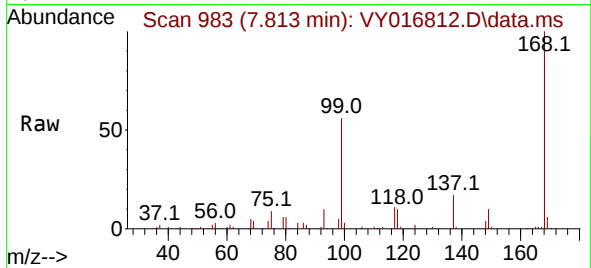




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016812.D
Acq: 22 Dec 2023 16:47

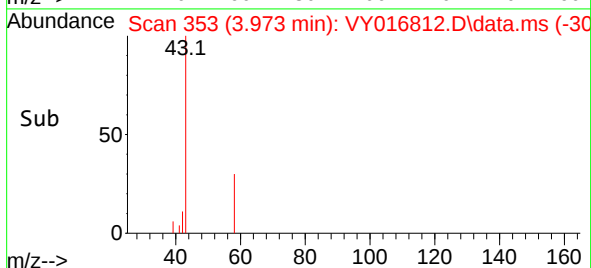
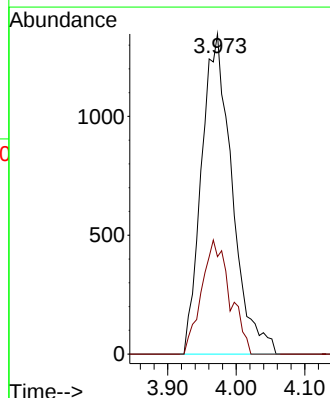
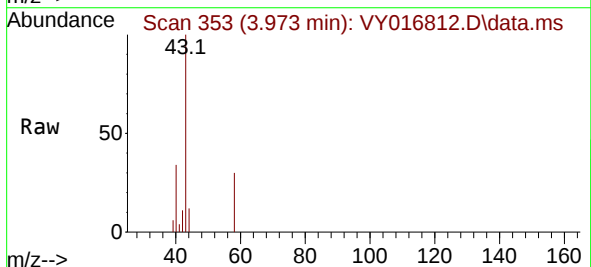
Instrument :
MSVOA_Y
ClientSampleId :
COM49

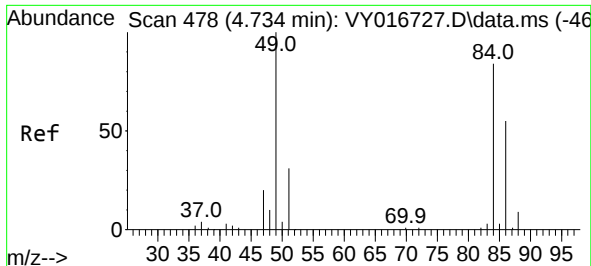
Tgt Ion:168 Resp: 100201
Ion Ratio Lower Upper
168 100
99 55.7 44.2 66.4



#16
Acetone
Concen: 16.879 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.013 min
Lab File: VY016812.D
Acq: 22 Dec 2023 16:47

Tgt Ion: 43 Resp: 4175
Ion Ratio Lower Upper
43 100
58 30.4 26.6 39.8



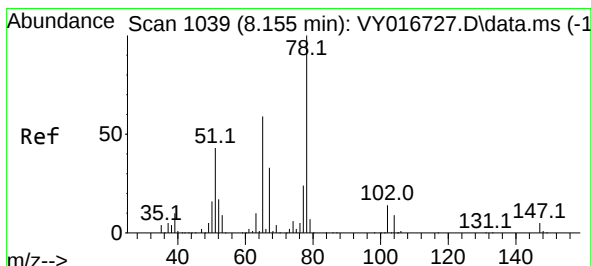
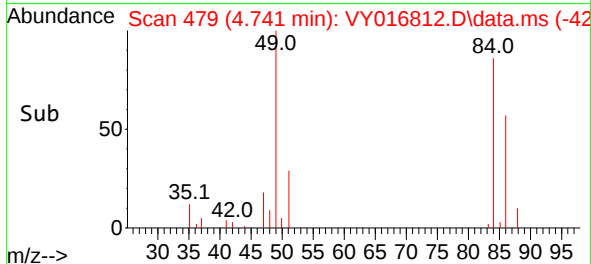
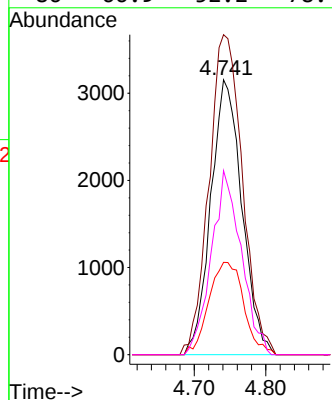
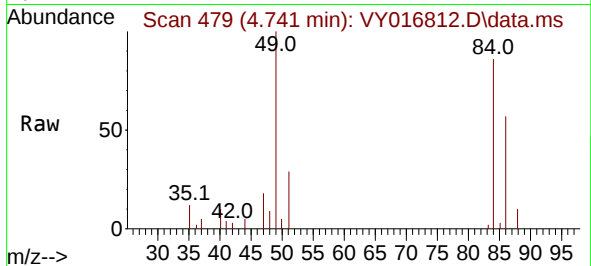


#20
Methylene Chloride
Concen: 4.769 ug/l
RT: 4.741 min Scan# 41
Delta R.T. 0.007 min
Lab File: VY016812.D
Acq: 22 Dec 2023 16:47

Instrument :
MSVOA_Y
ClientSampleId :
COM49

Tgt Ion: 84 Resp: 9529

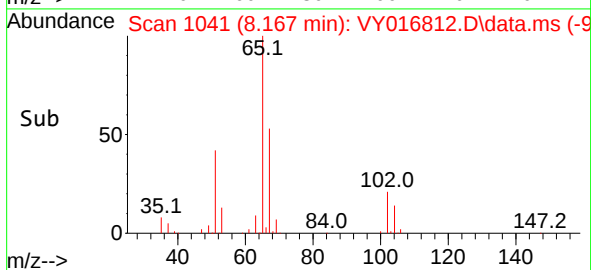
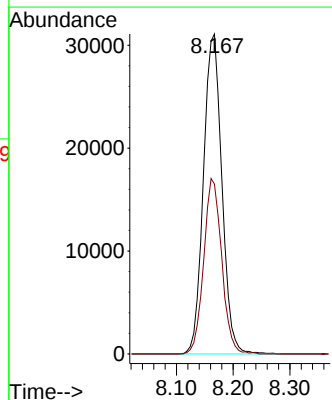
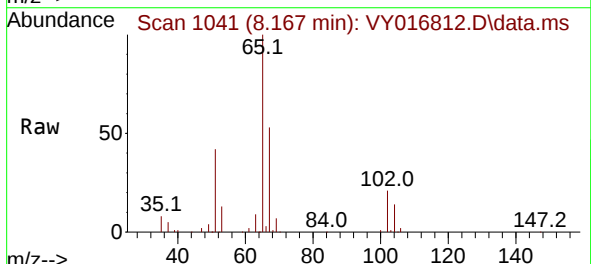
Ion	Ratio	Lower	Upper
84	100		
49	116.4	95.2	142.8
51	33.6	29.9	44.9
86	66.9	52.2	78.4

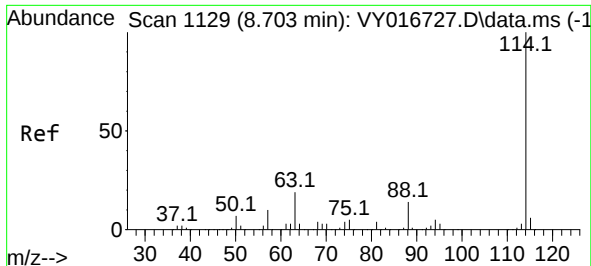


#33
1,2-Dichloroethane-d4
Concen: 76.637 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY016812.D
Acq: 22 Dec 2023 16:47

Tgt Ion: 65 Resp: 70102

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1129

Delta R.T. 0.007 min

Lab File: VY016812.D

Acq: 22 Dec 2023 16:47

Instrument :

MSVOA_Y

ClientSampleId :

COM49

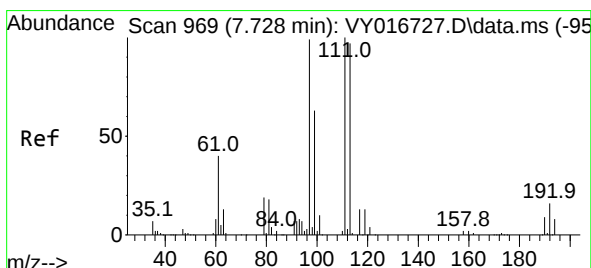
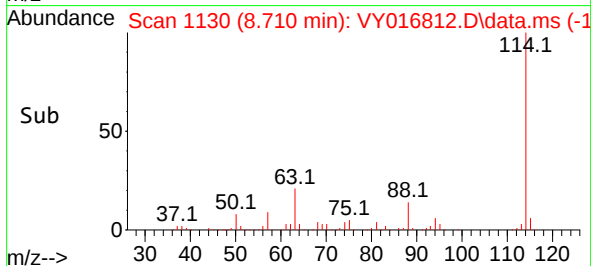
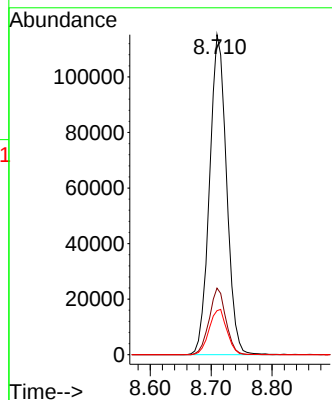
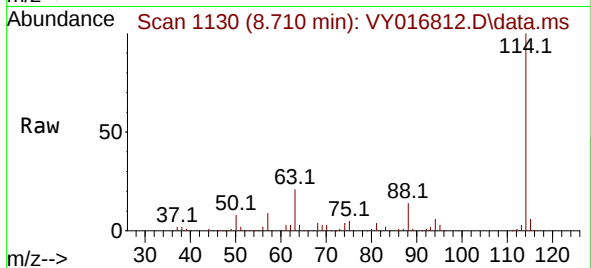
Tgt Ion:114 Resp: 223526

Ion Ratio Lower Upper

114 100

63 20.8 0.0 37.4

88 13.8 0.0 29.0



#35

Dibromofluoromethane

Concen: 56.693 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY016812.D

Acq: 22 Dec 2023 16:47

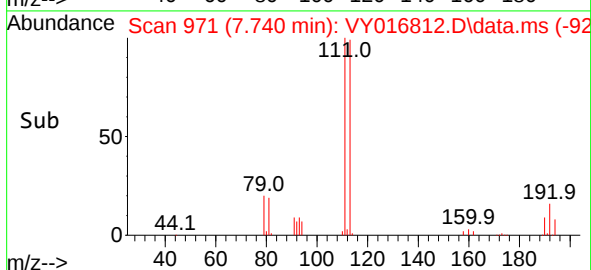
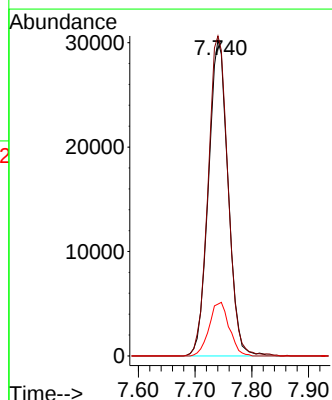
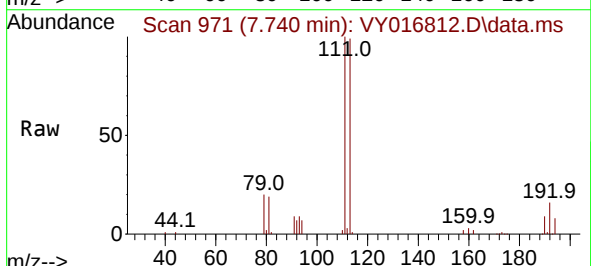
Tgt Ion:113 Resp: 72590

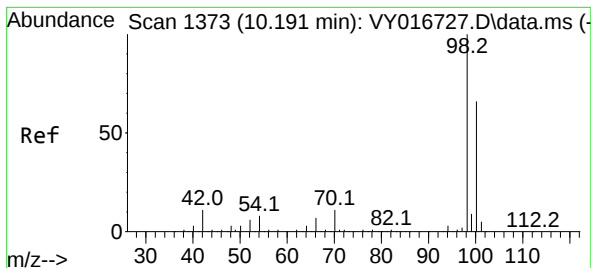
Ion Ratio Lower Upper

113 100

111 102.7 83.8 125.6

192 17.4 14.5 21.7





#50

Toluene-d8

Concen: 57.059 ug/l

RT: 10.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016812.D

Acq: 22 Dec 2023 16:47

Instrument :

MSVOA_Y

ClientSampleId :

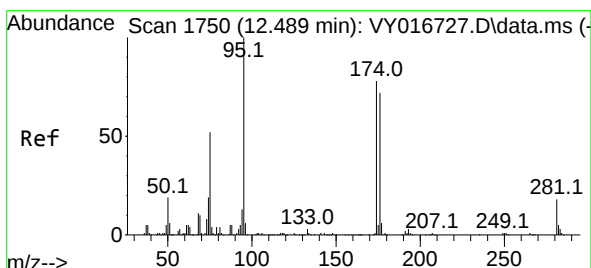
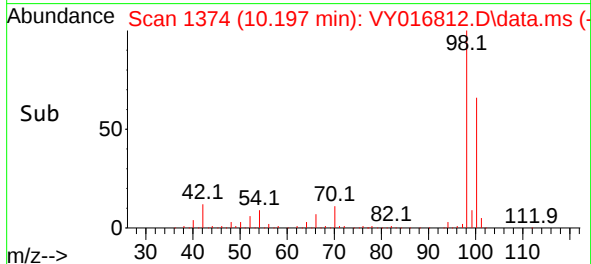
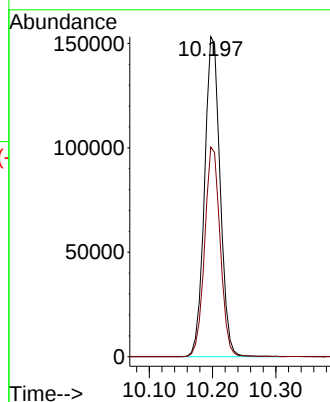
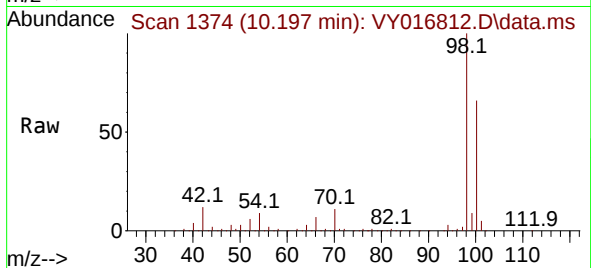
COM49

Tgt Ion: 98 Resp: 263368

Ion Ratio Lower Upper

98 100

100 65.4 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 58.449 ug/l

RT: 12.502 min Scan# 1752

Delta R.T. 0.012 min

Lab File: VY016812.D

Acq: 22 Dec 2023 16:47

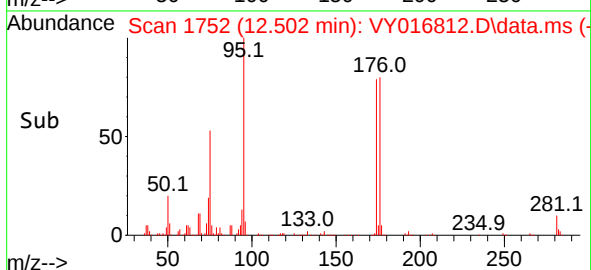
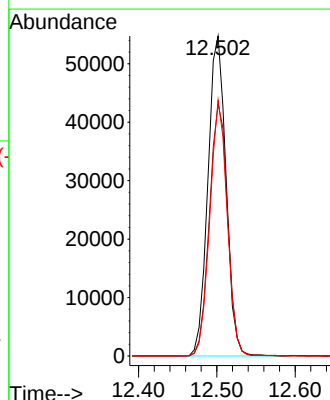
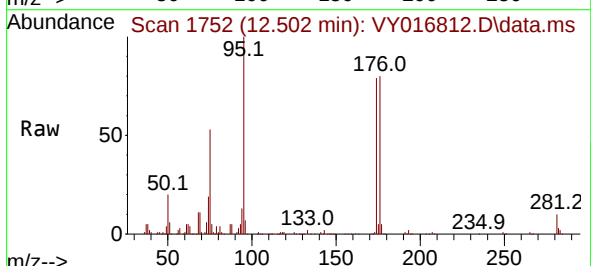
Tgt Ion: 95 Resp: 87527

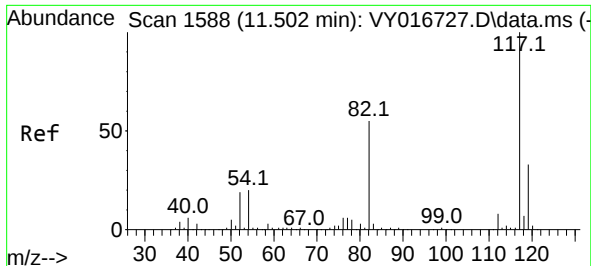
Ion Ratio Lower Upper

95 100

174 79.5 0.0 160.0

176 76.8 0.0 151.8

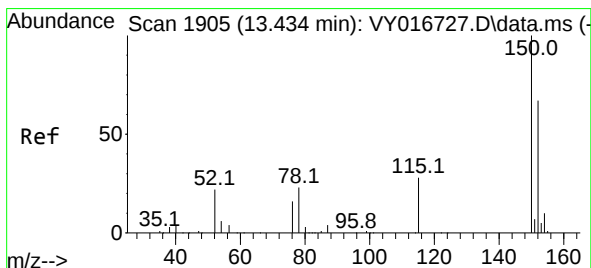
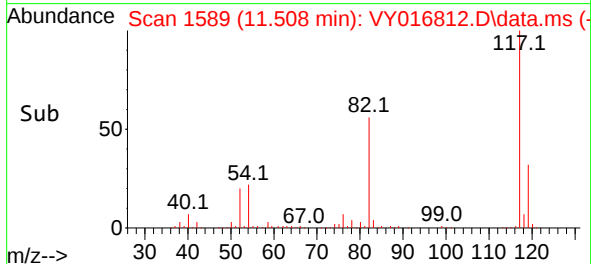
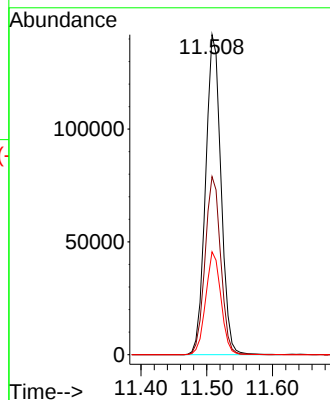
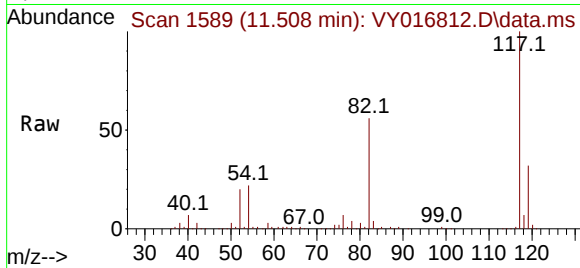




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016812.D
Acq: 22 Dec 2023 16:47

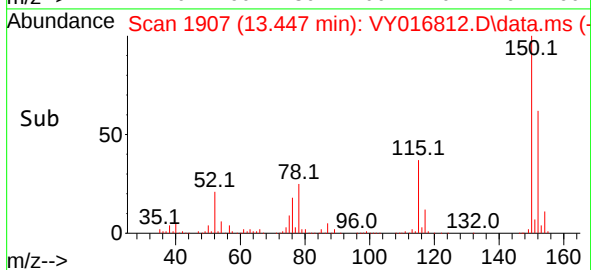
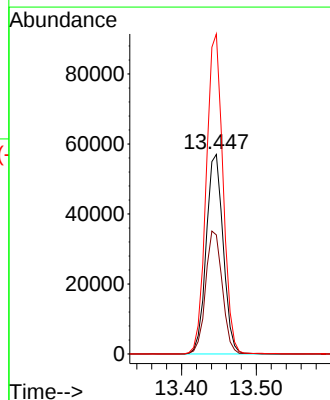
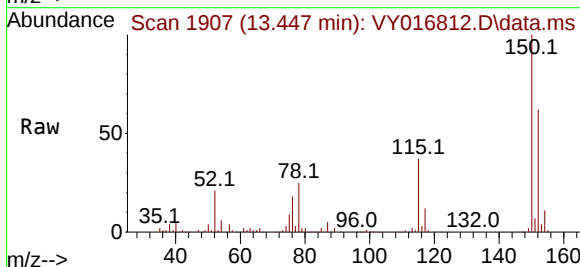
Instrument :
MSVOA_Y
ClientSampleId :
COM49

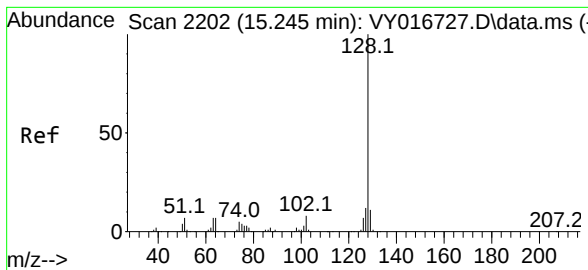
Tgt Ion:117 Resp: 231069
Ion Ratio Lower Upper
117 100
82 55.7 43.8 65.8
119 32.1 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.012 min
Lab File: VY016812.D
Acq: 22 Dec 2023 16:47

Tgt Ion:152 Resp: 89757
Ion Ratio Lower Upper
152 100
115 60.6 30.0 90.0
150 158.6 0.0 344.6





#95

Naphthalene

Concen: 4.828 ug/l

RT: 15.257 min Scan# 21

Delta R.T. 0.012 min

Lab File: VY016812.D

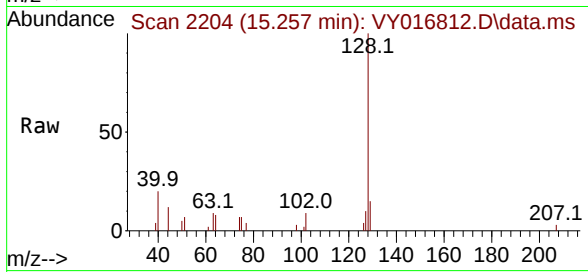
Acq: 22 Dec 2023 16:47

Instrument :

MSVOA_Y

ClientSampleId :

COM49



Tgt Ion:128 Resp: 3857

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

129 11.0 8.6 12.8

