

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122023\
 Data File : VY016742.D
 Acq On : 21 Dec 2023 05:57
 Operator : SY/MD
 Sample : 05876-11
 Misc : 4.44g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COLX5

Quant Time: Dec 21 07:12:07 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)

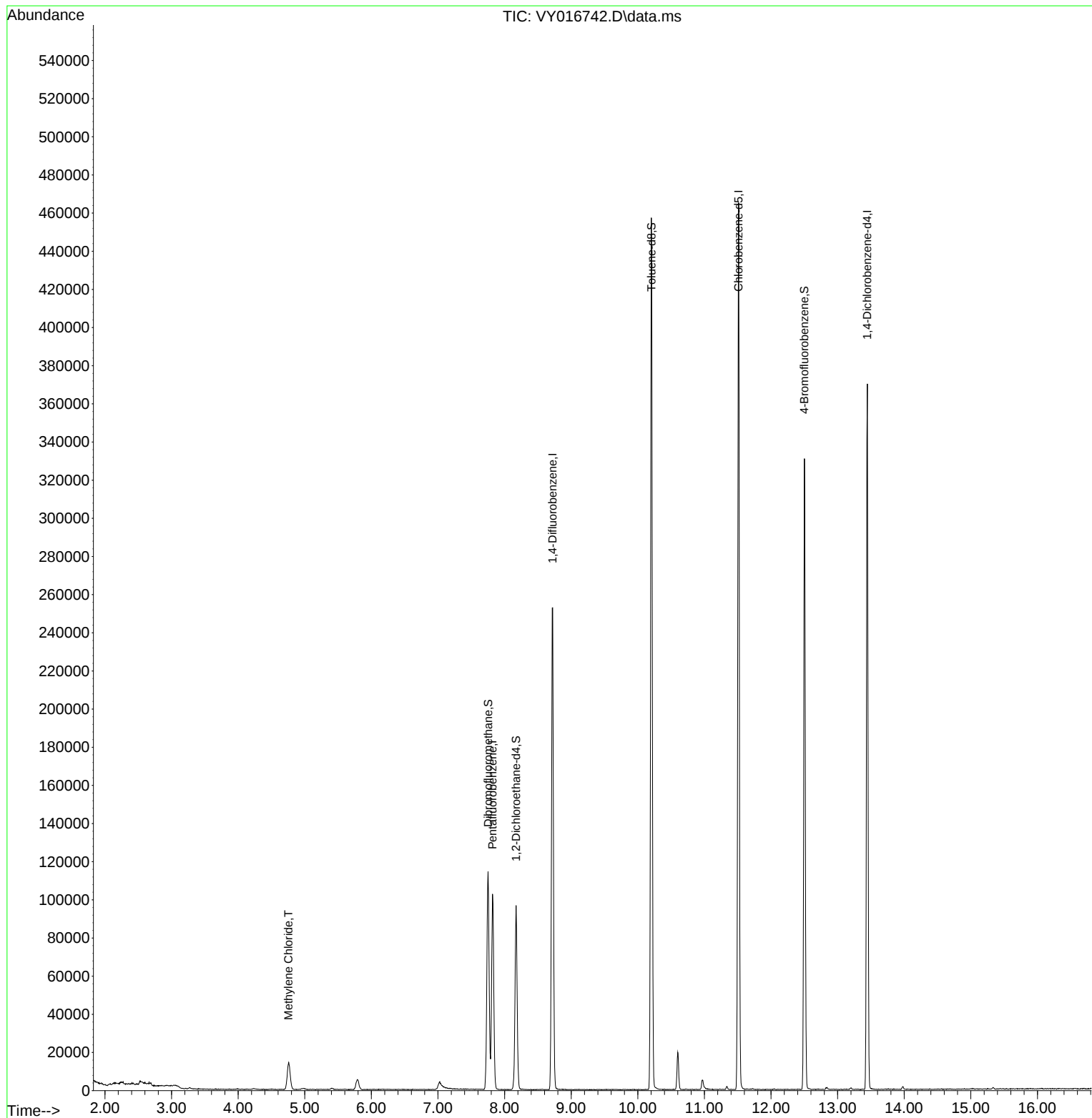
Internal Standards						
1) Pentafluorobenzene	7.819	168	76565	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	220101	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	249183	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	92607	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	71165	101.816	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 203.640%#	
35) Dibromofluoromethane	7.752	113	82580	65.498	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 131.000%	
50) Toluene-d8	10.203	98	292597	64.377	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 128.760%	
62) 4-Bromofluorobenzene	12.501	95	100619	68.237	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 136.480%	
Target Compounds						
20) Methylene Chloride	4.753	84	11195	8.929	ug/l	Qvalue 90

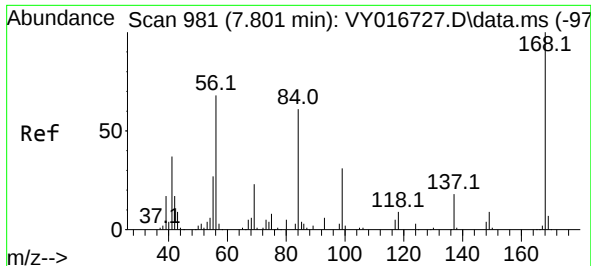
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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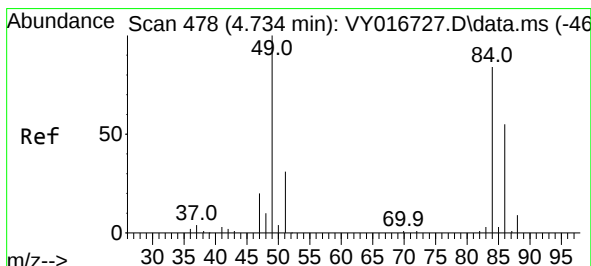
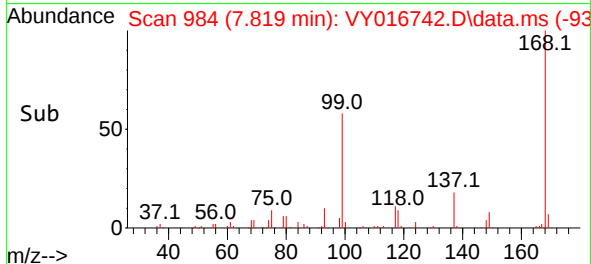
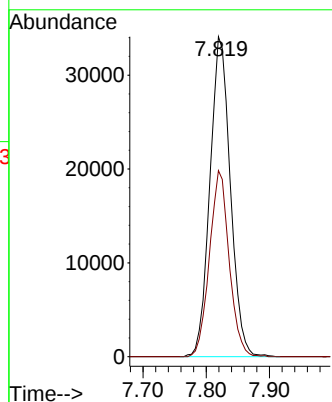
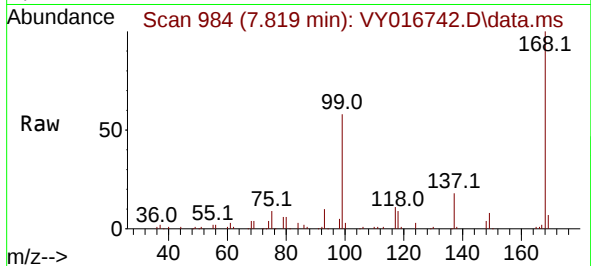




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 981
Delta R.T. 0.018 min
Lab File: VY016742.D
Acq: 21 Dec 2023 05:57

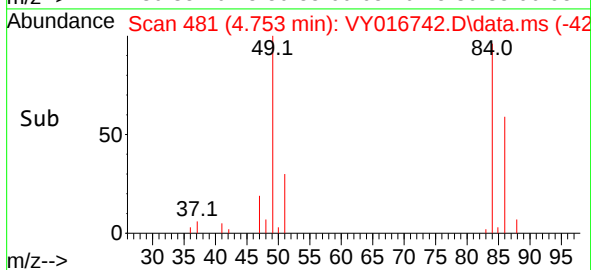
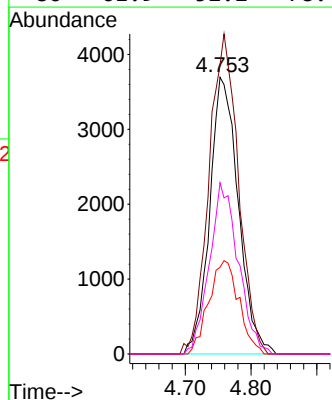
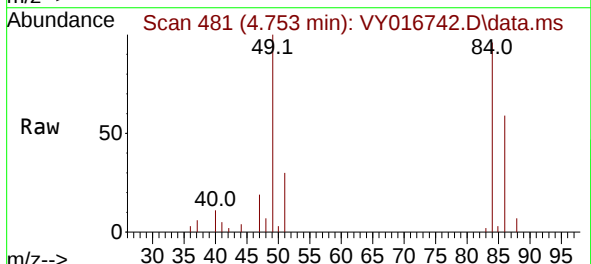
Instrument :
MSVOA_Y
ClientSampleId :
COLX5

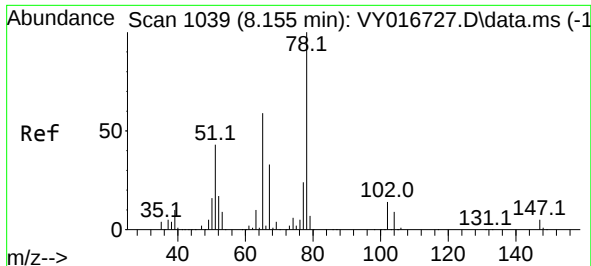
Tgt Ion:168 Resp: 76565
Ion Ratio Lower Upper
168 100
99 58.2 44.2 66.4



#20
Methylene Chloride
Concen: 8.929 ug/l
RT: 4.753 min Scan# 481
Delta R.T. 0.019 min
Lab File: VY016742.D
Acq: 21 Dec 2023 05:57

Tgt Ion: 84 Resp: 11195
Ion Ratio Lower Upper
84 100
49 104.5 95.2 142.8
51 31.3 29.9 44.9
86 61.9 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 101.816 ug/l

RT: 8.173 min Scan# 110

Delta R.T. 0.018 min

Lab File: VY016742.D

Acq: 21 Dec 2023 05:57

Instrument :

MSVOA_Y

ClientSampleId :

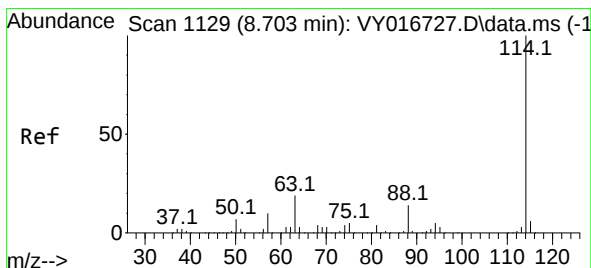
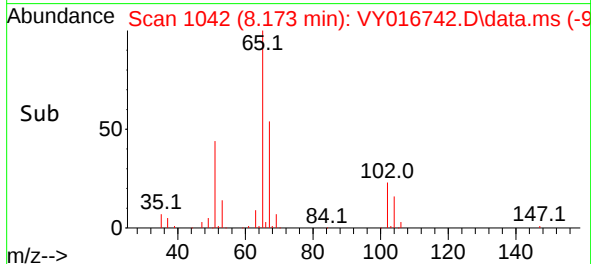
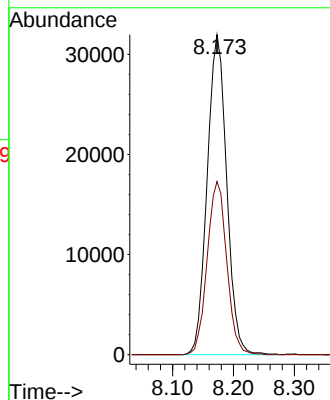
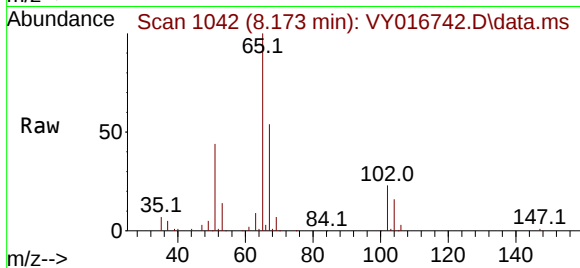
COLX5

Tgt Ion: 65 Resp: 71165

Ion Ratio Lower Upper

65 100

67 54.3 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.722 min Scan# 1132

Delta R.T. 0.019 min

Lab File: VY016742.D

Acq: 21 Dec 2023 05:57

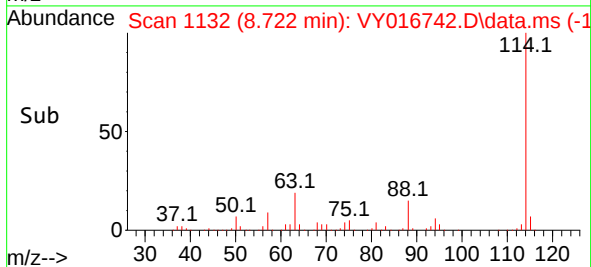
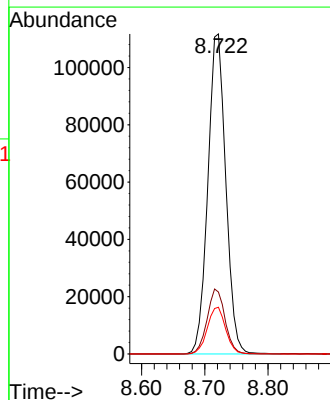
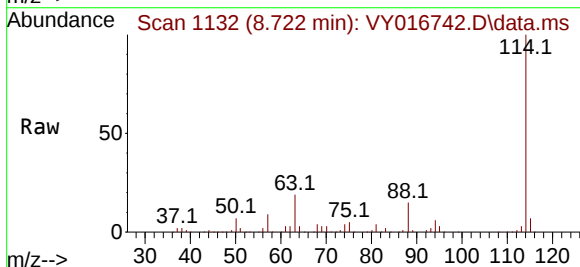
Tgt Ion: 114 Resp: 220101

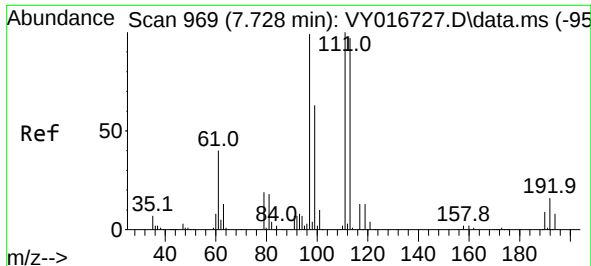
Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.4

88 14.6 0.0 29.0

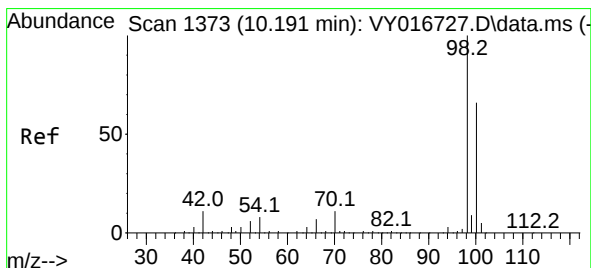
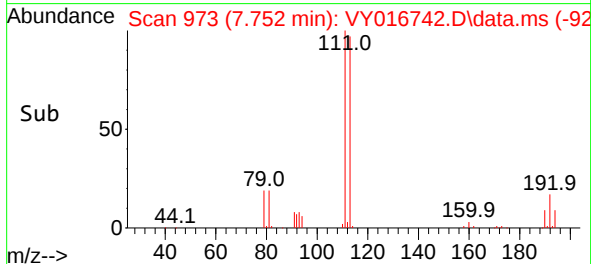
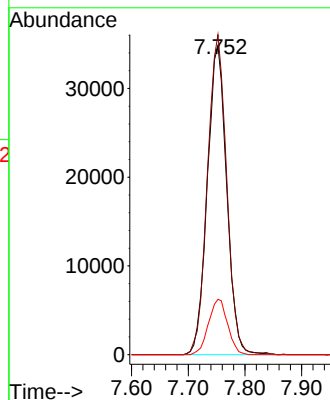
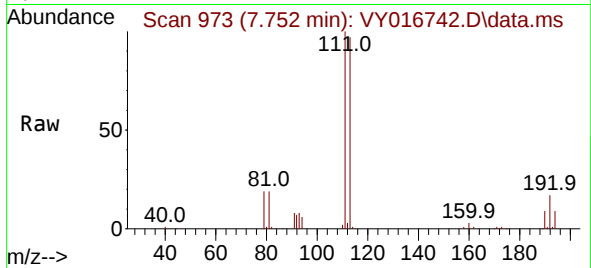




#35
Dibromofluoromethane
Concen: 65.498 ug/l
RT: 7.752 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY016742.D
Acq: 21 Dec 2023 05:57

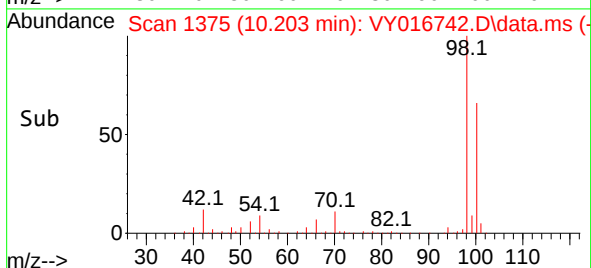
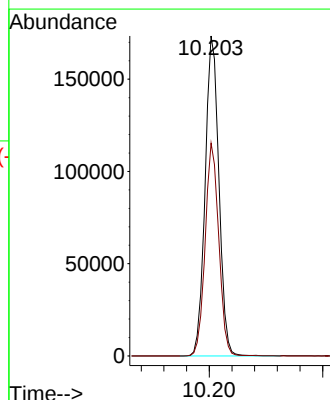
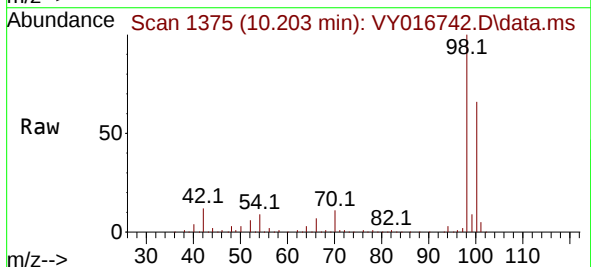
Instrument :
MSVOA_Y
ClientSampleId :
COLX5

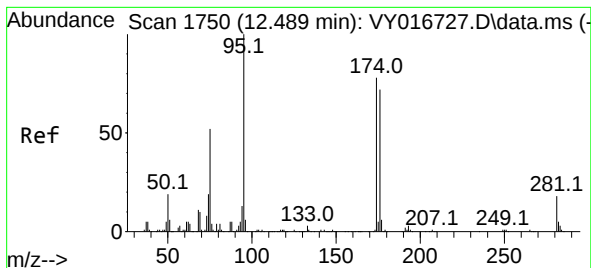
Tgt Ion:113 Resp: 82580
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.6
192 17.7 14.5 21.7



#50
Toluene-d8
Concen: 64.377 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.012 min
Lab File: VY016742.D
Acq: 21 Dec 2023 05:57

Tgt Ion: 98 Resp: 292597
Ion Ratio Lower Upper
98 100
100 65.7 52.3 78.5

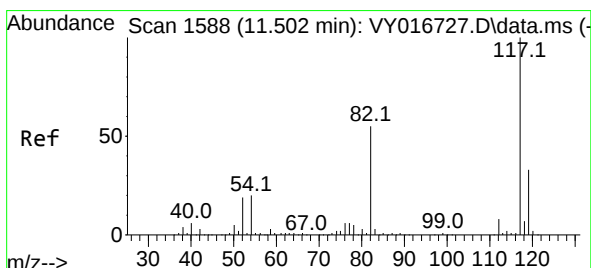
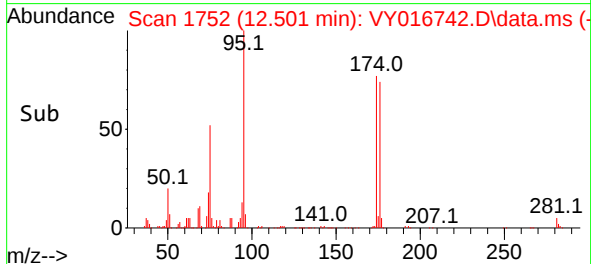
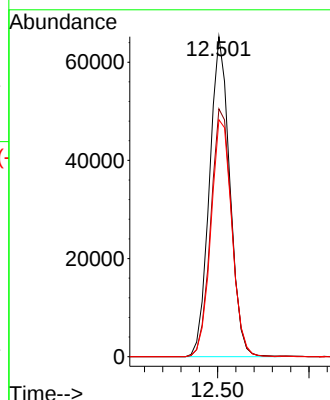
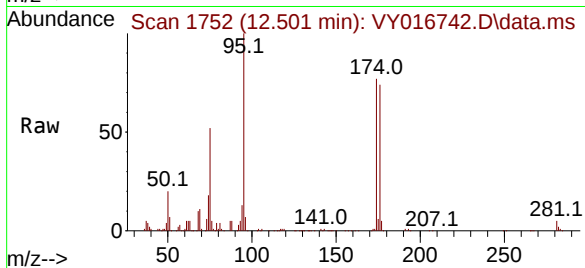




#62
4-Bromofluorobenzene
Concen: 68.237 ug/l
RT: 12.501 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016742.D
Acq: 21 Dec 2023 05:57

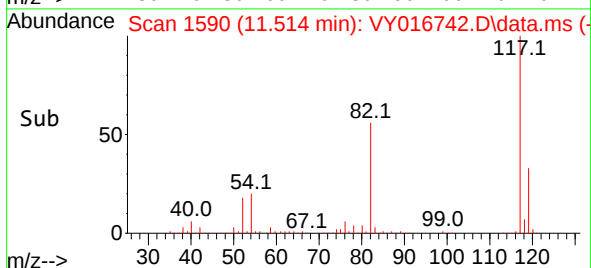
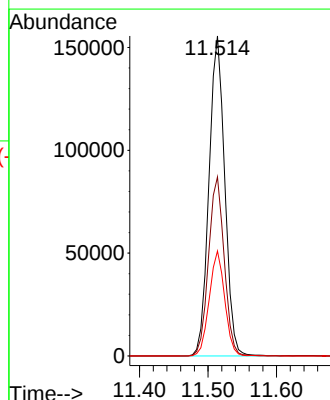
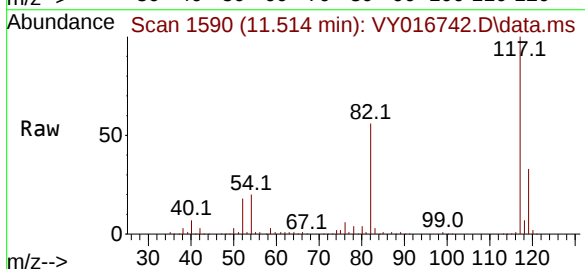
Instrument :
MSVOA_Y
ClientSampleId :
COLX5

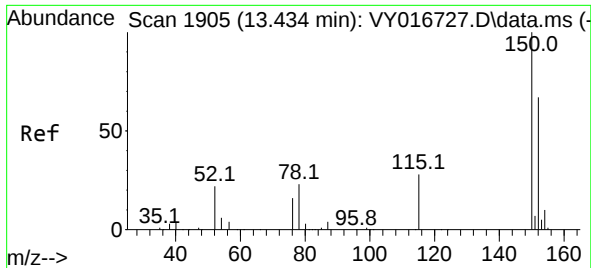
Tgt Ion: 95 Resp: 100619
Ion Ratio Lower Upper
95 100
174 79.4 0.0 160.0
176 76.3 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY016742.D
Acq: 21 Dec 2023 05:57

Tgt Ion: 117 Resp: 249183
Ion Ratio Lower Upper
117 100
82 55.9 43.8 65.8
119 32.8 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY016742.D

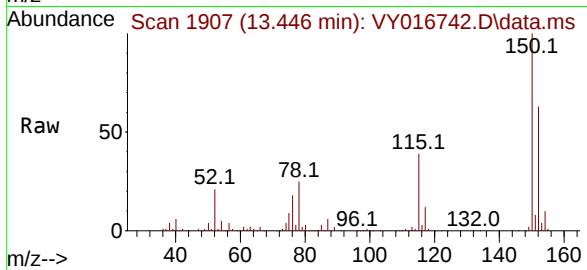
Acq: 21 Dec 2023 05:57

Instrument :

MSVOA_Y

ClientSampleId :

COLX5



Tgt Ion:152 Resp: 92607

Ion Ratio Lower Upper

152 100

115 61.2 30.0 90.0

150 158.6 0.0 344.6

