

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011924\
 Data File : VY017057.D
 Acq On : 19 Jan 2024 15:45
 Operator : SY/MD
 Sample : P1185-04
 Misc : 3.35g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6-19.5-20.0

Quant Time: Jan 19 22:23:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

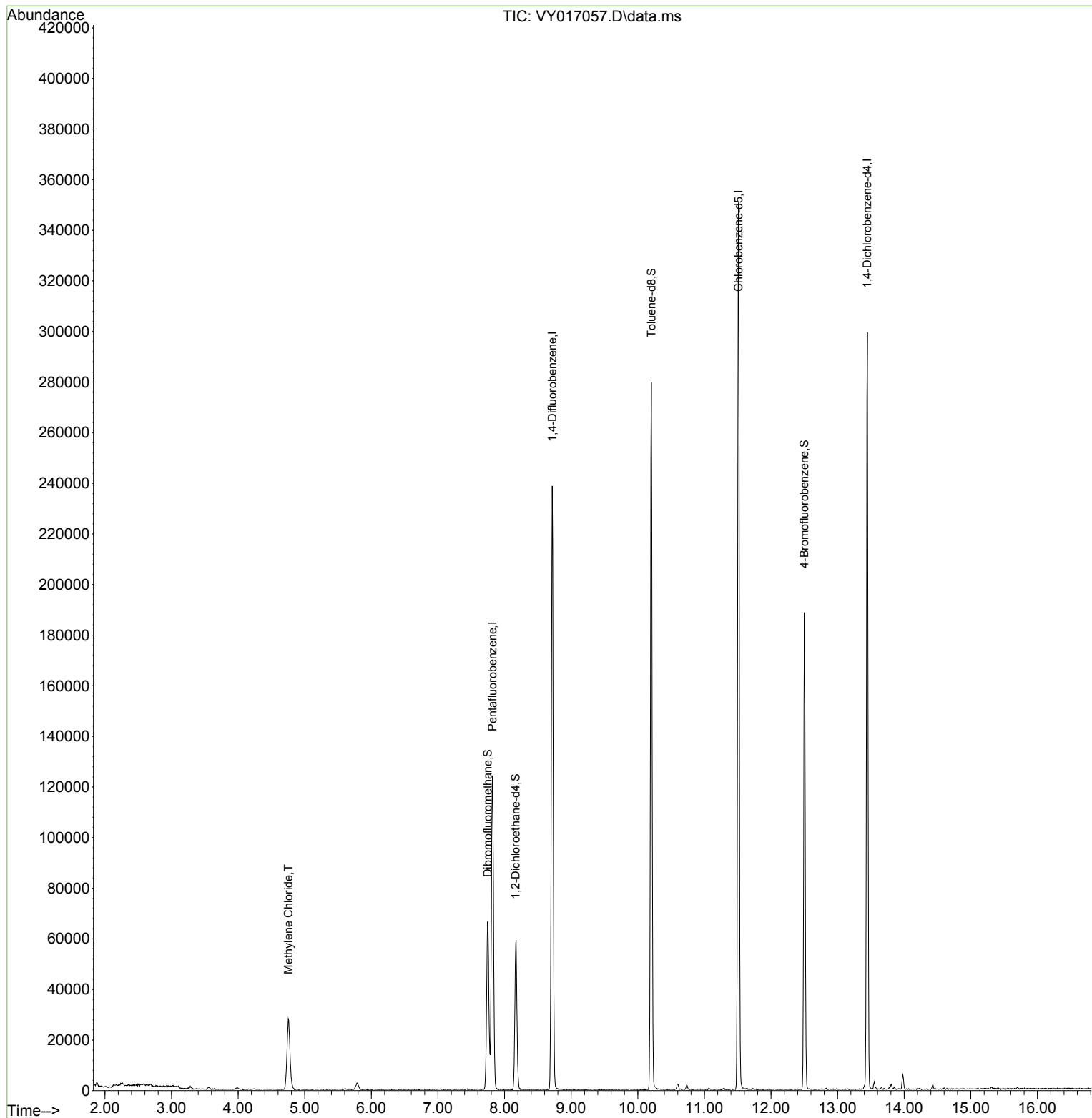
Internal Standards						
1) Pentafluorobenzene	7.820	168	93973	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	203937	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	197309	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.447	152	74321	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	44460	47.869	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.740%
35) Dibromofluoromethane	7.746	113	47997	36.933	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	73.860%
50) Toluene-d8	10.203	98	178476	39.882	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.760%
62) 4-Bromofluorobenzene	12.502	95	55040	36.454	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	72.900%
Target Compounds						
20) Methylene Chloride	4.753	84	20872	11.602	ug/l	Qvalue 92

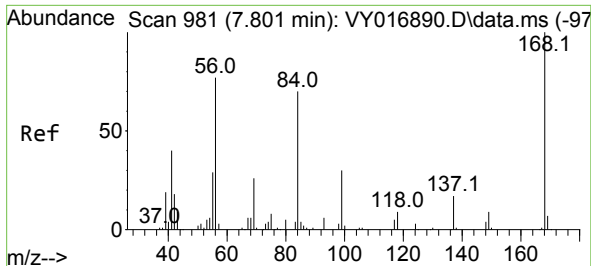
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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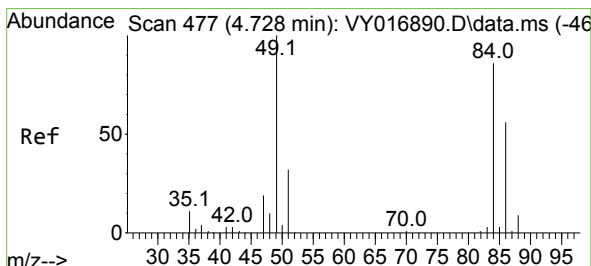
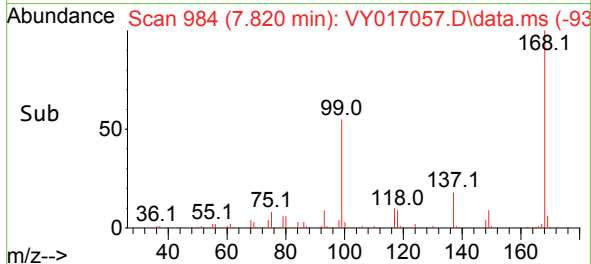
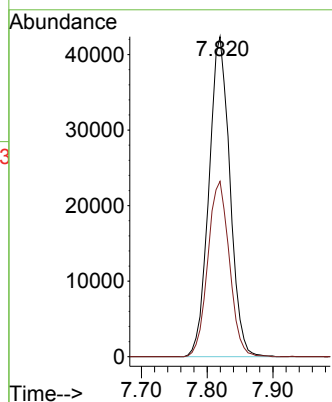
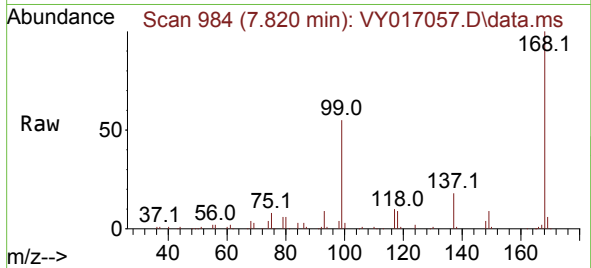




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.820 min Scan# 91
Delta R.T. 0.019 min
Lab File: VY017057.D
Acq: 19 Jan 2024 15:45

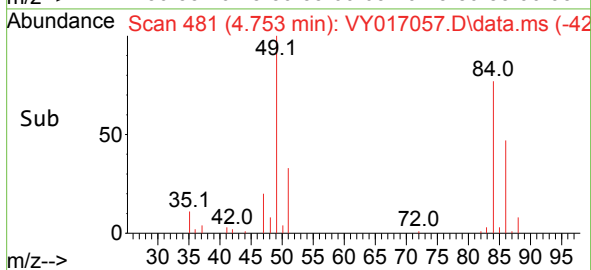
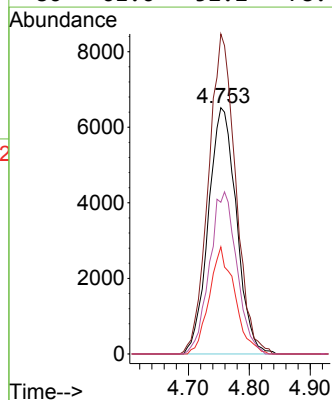
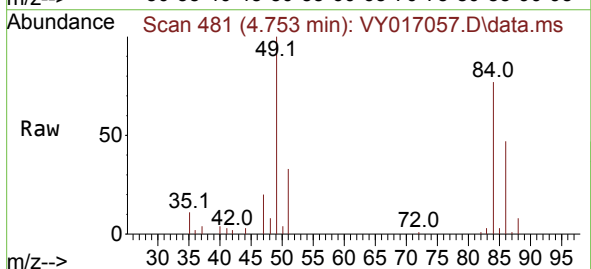
Instrument :
MSVOA_Y
ClientSampleId :
SB-6-19.5-20.0

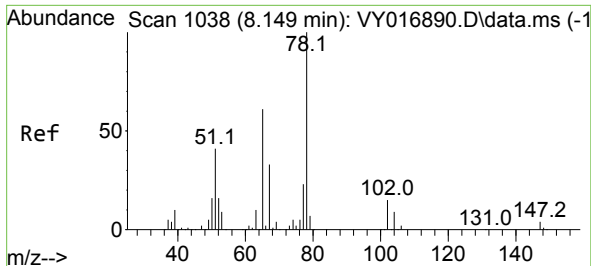
Tgt Ion:168 Resp: 93973
Ion Ratio Lower Upper
168 100
99 54.8 44.2 66.4



#20
Methylene Chloride
Concen: 11.602 ug/l
RT: 4.753 min Scan# 481
Delta R.T. 0.019 min
Lab File: VY017057.D
Acq: 19 Jan 2024 15:45

Tgt Ion: 84 Resp: 20872
Ion Ratio Lower Upper
84 100
49 130.0 95.2 142.8
51 43.5 29.9 44.9
86 61.6 52.2 78.4

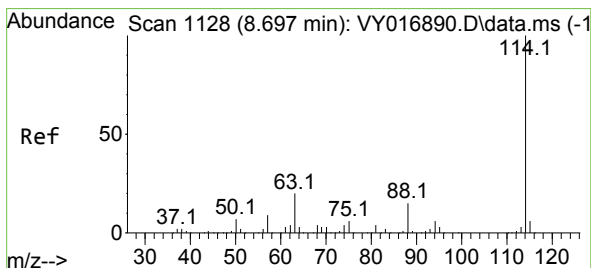
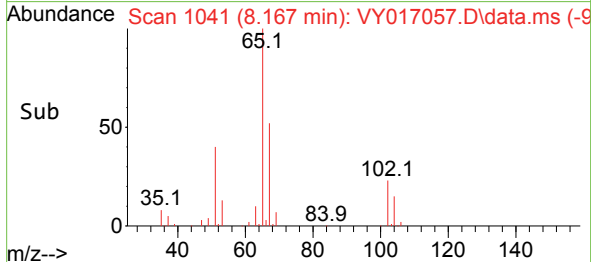
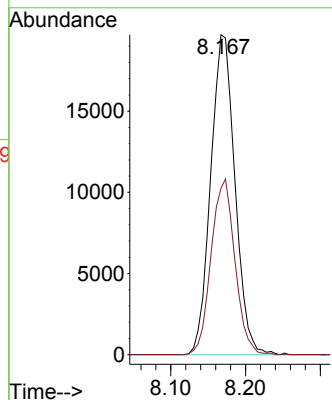
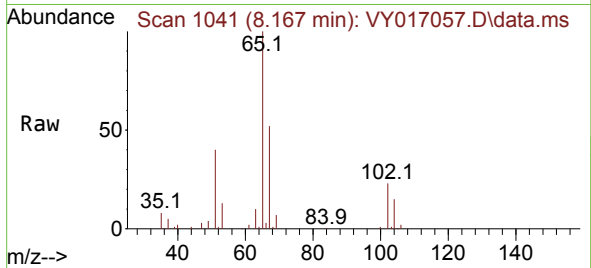




#33
1,2-Dichloroethane-d4
Concen: 47.869 ug/l
RT: 8.167 min Scan# 1103
Delta R.T. 0.012 min
Lab File: VY017057.D
Acq: 19 Jan 2024 15:45

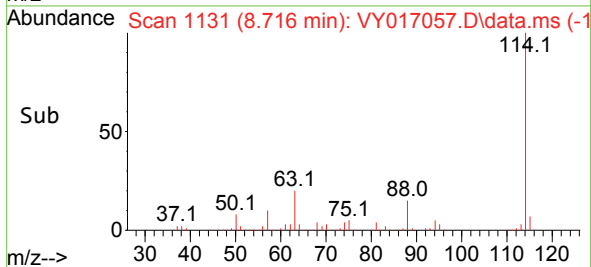
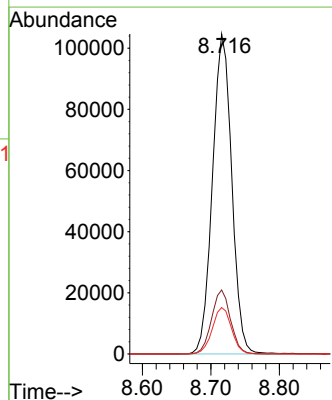
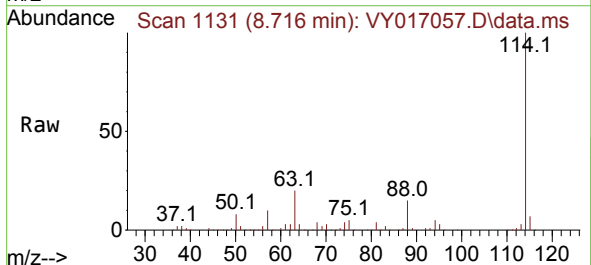
Instrument :
MSVOA_Y
ClientSampleId :
SB-6-19.5-20.0

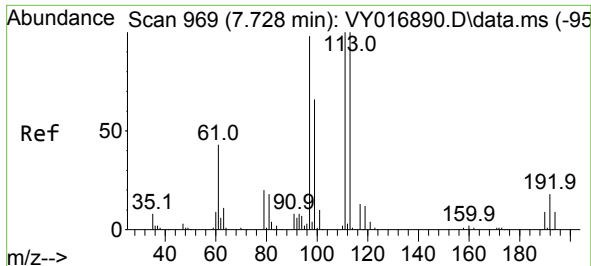
Tgt Ion: 65 Resp: 44460
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.716 min Scan# 1131
Delta R.T. 0.013 min
Lab File: VY017057.D
Acq: 19 Jan 2024 15:45

Tgt Ion: 114 Resp: 203937
Ion Ratio Lower Upper
114 100
63 20.0 0.0 37.4
88 14.5 0.0 29.0

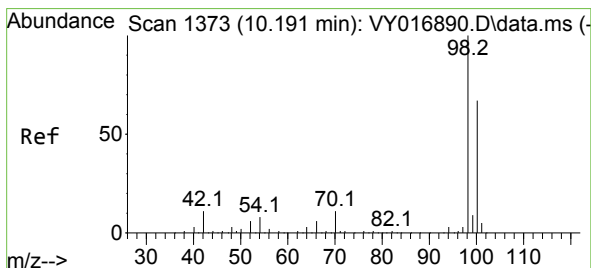
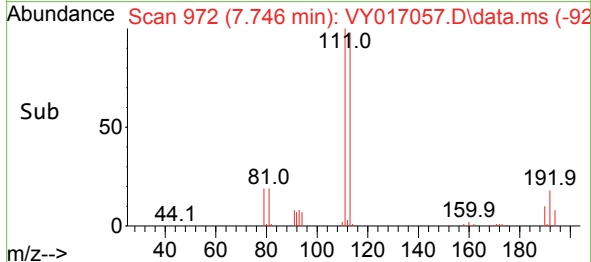
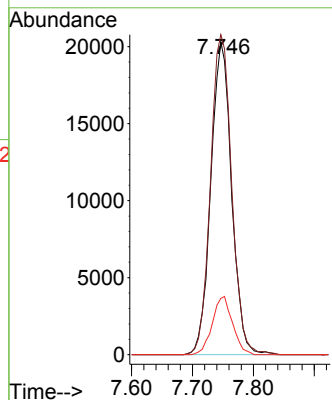
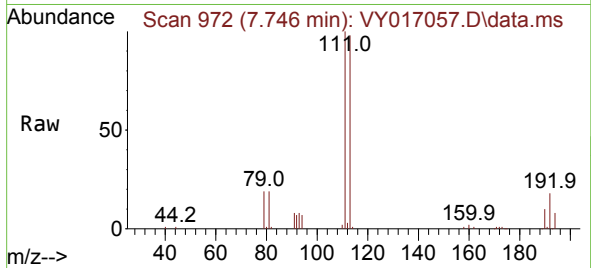




#35
Dibromofluoromethane
Concen: 36.933 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017057.D
Acq: 19 Jan 2024 15:45

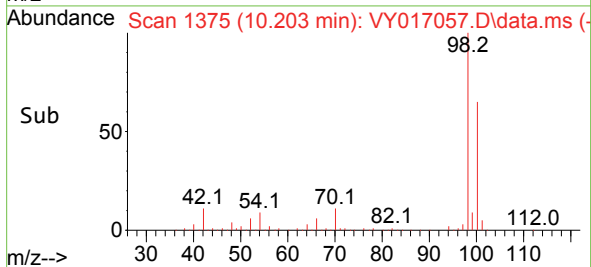
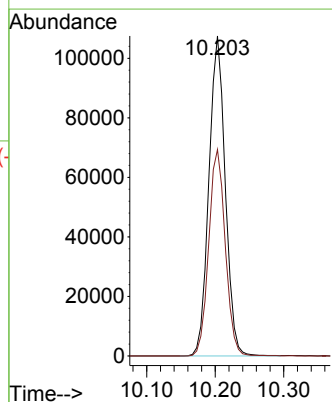
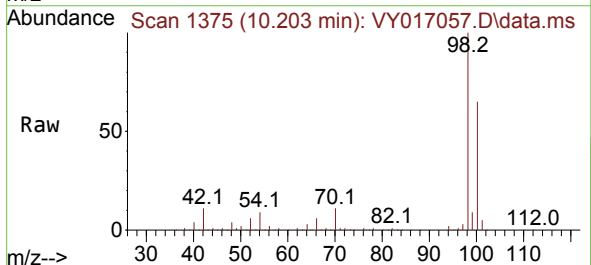
Instrument :
MSVOA_Y
ClientSampleId :
SB-6-19.5-20.0

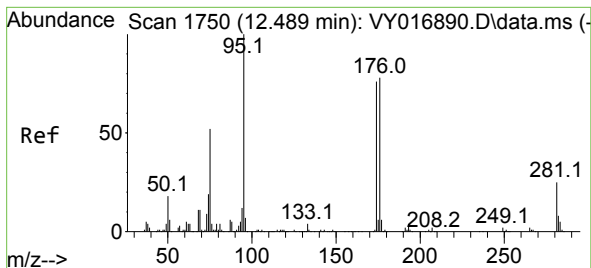
Tgt Ion:113 Resp: 47997
Ion Ratio Lower Upper
113 100
111 104.5 83.8 125.6
192 18.2 14.5 21.7



#50
Toluene-d8
Concen: 39.882 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.012 min
Lab File: VY017057.D
Acq: 19 Jan 2024 15:45

Tgt Ion: 98 Resp: 178476
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5

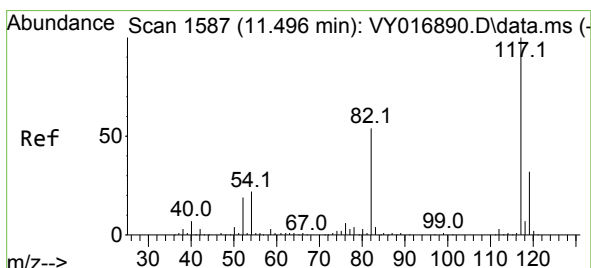
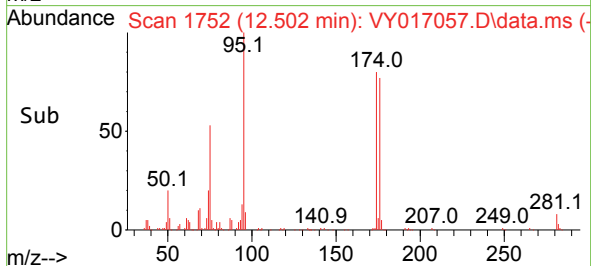
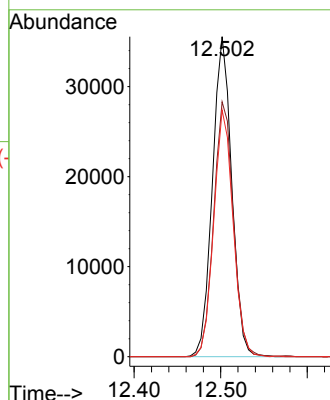
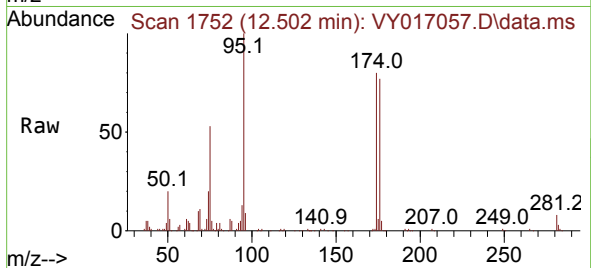




#62
4-Bromofluorobenzene
Concen: 36.454 ug/l
RT: 12.502 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY017057.D
Acq: 19 Jan 2024 15:45

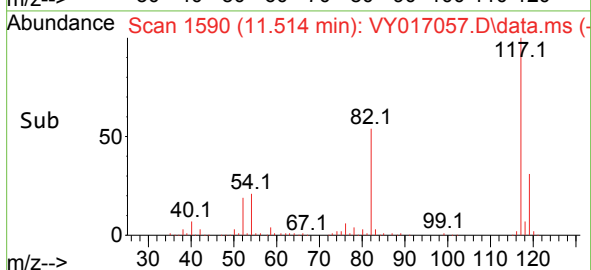
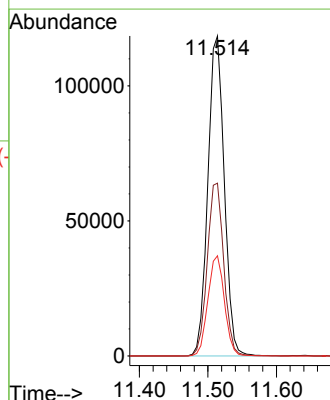
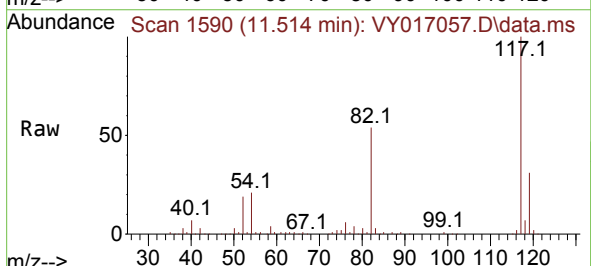
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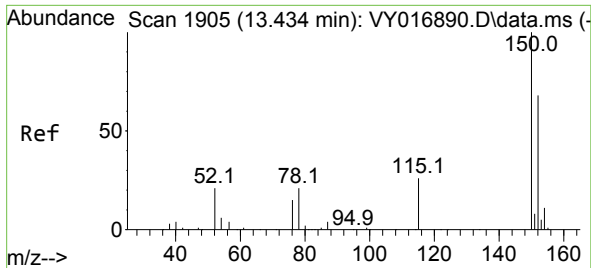
Tgt Ion:	95	Resp:	55040
Ion	Ratio	Lower	Upper
95	100		
174	81.4	0.0	160.0
176	77.3	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY017057.D
Acq: 19 Jan 2024 15:45

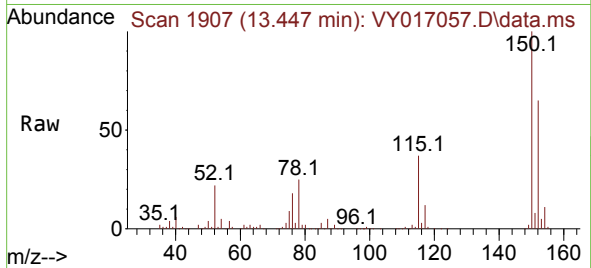
Tgt Ion:	117	Resp:	197309
Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.8	65.8
119	31.3	26.5	39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.447 min Scan# 1907
 Delta R.T. 0.013 min
 Lab File: VY017057.D
 Acq: 19 Jan 2024 15:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6-19.5-20.0



Tgt Ion:152 Resp: 74321
 Ion Ratio Lower Upper
 152 100
 115 58.3 30.0 90.0
 150 157.3 0.0 344.6

