

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011924\
 Data File : VY017052.D
 Acq On : 19 Jan 2024 13:48
 Operator : SY/MD
 Sample : P1184-08
 Misc : 3.32g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-10.5-11.0

Quant Time: Jan 19 22:21:42 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)

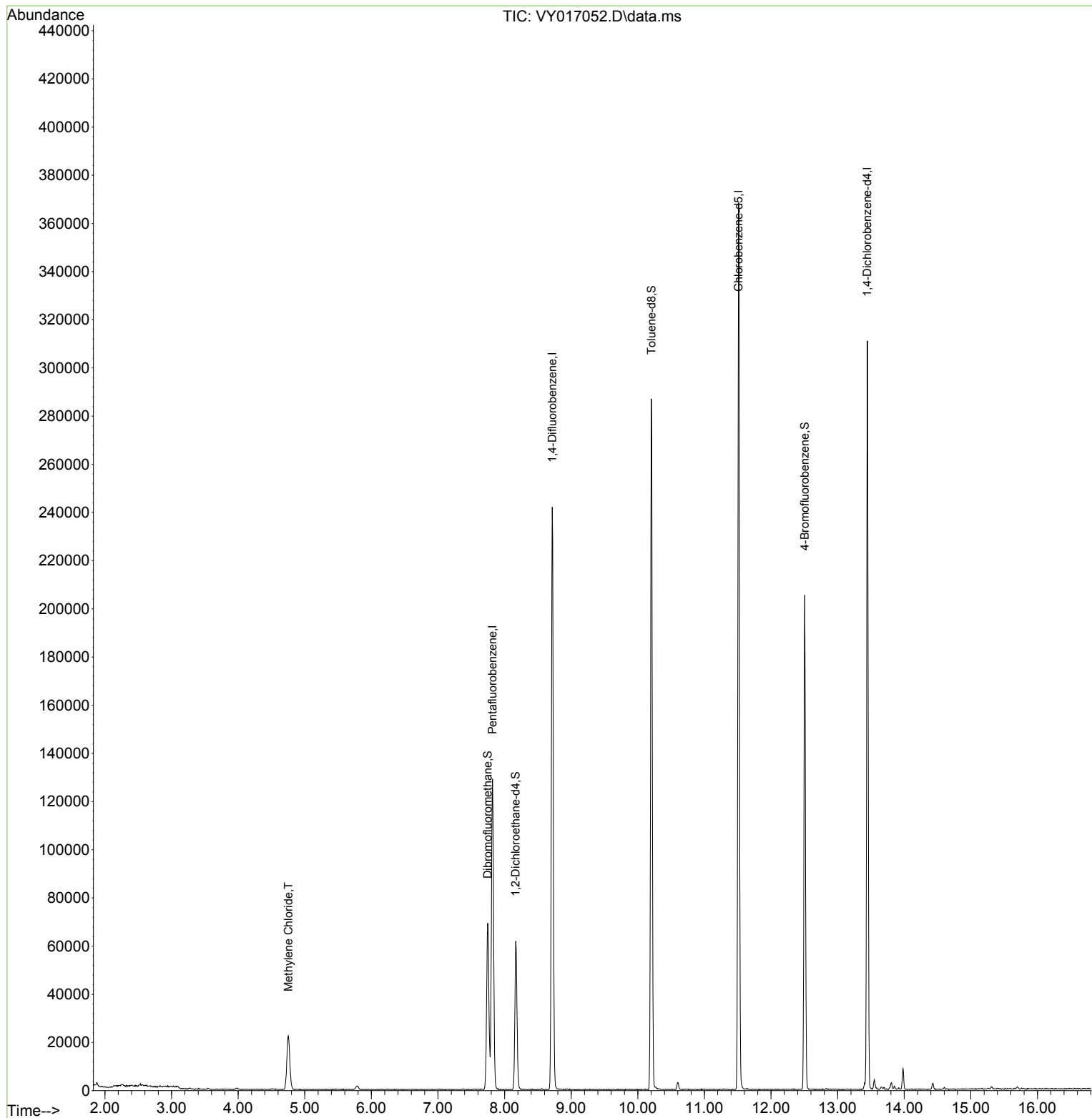
Internal Standards						
1) Pentafluorobenzene	7.819	168	98062	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	213128	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	203415	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	75552	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	47334	48.838	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.680%
35) Dibromofluoromethane	7.746	113	51040	37.581	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	75.160%
50) Toluene-d8	10.203	98	186399	39.857	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.720%
62) 4-Bromofluorobenzene	12.508	95	57915	36.704	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	=	73.400%
Target Compounds						
20) Methylene Chloride	4.753	84	17142	7.452	ug/l	Qvalue 95

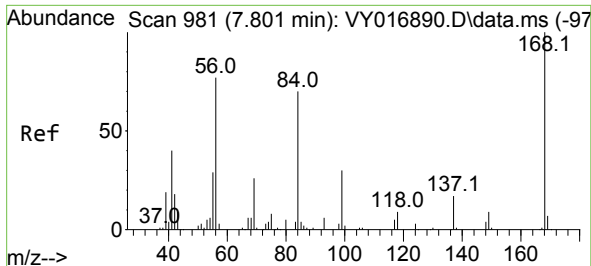
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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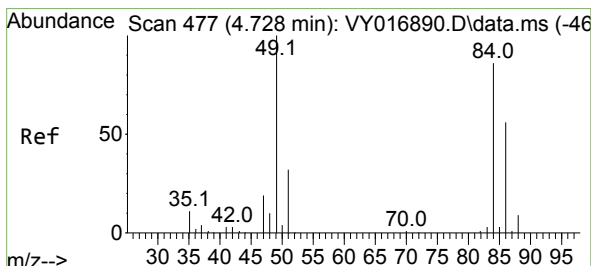
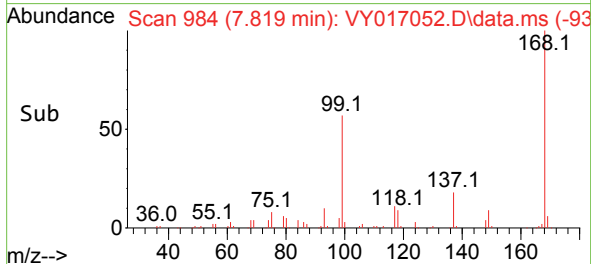
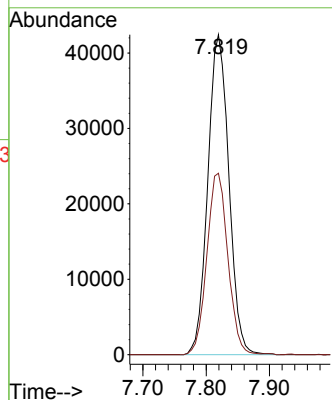
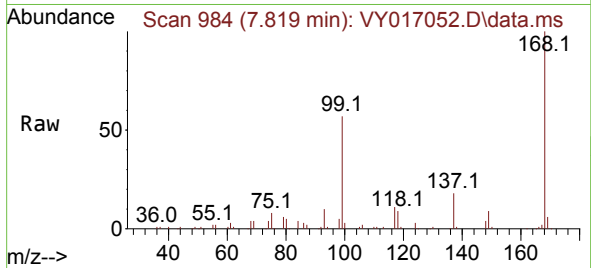




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017052.D
Acq: 19 Jan 2024 13:48

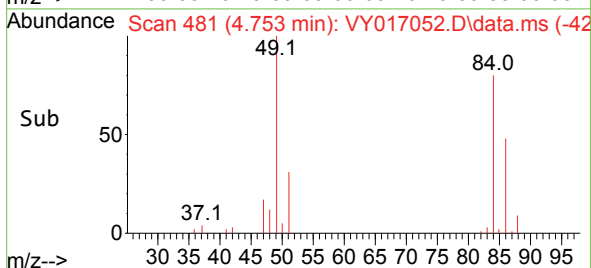
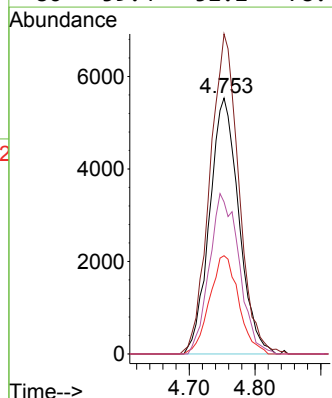
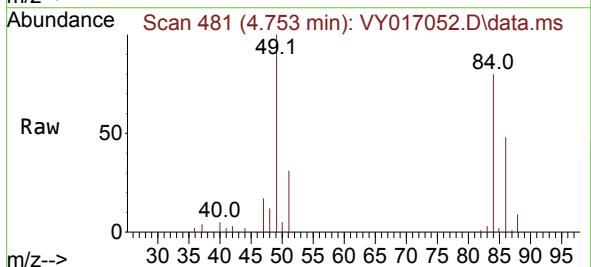
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-10.5-11.0

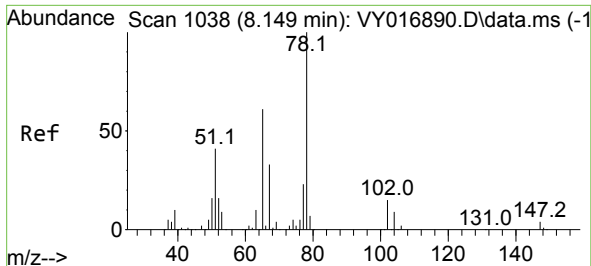
Tgt Ion:168 Resp: 98062
Ion Ratio Lower Upper
168 100
99 56.7 44.2 66.4



#20
Methylene Chloride
Concen: 7.452 ug/l
RT: 4.753 min Scan# 481
Delta R.T. 0.019 min
Lab File: VY017052.D
Acq: 19 Jan 2024 13:48

Tgt Ion: 84 Resp: 17142
Ion Ratio Lower Upper
84 100
49 125.1 95.2 142.8
51 38.4 29.9 44.9
86 59.4 52.2 78.4

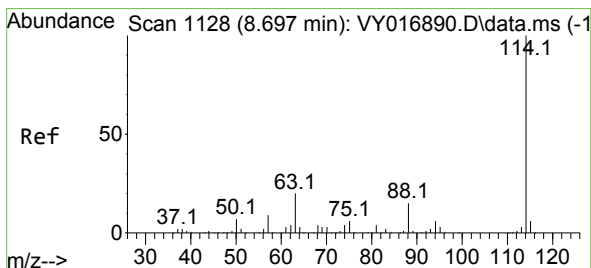
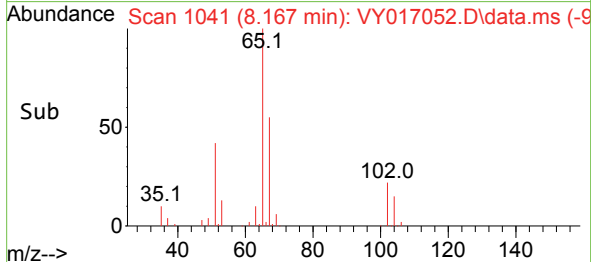
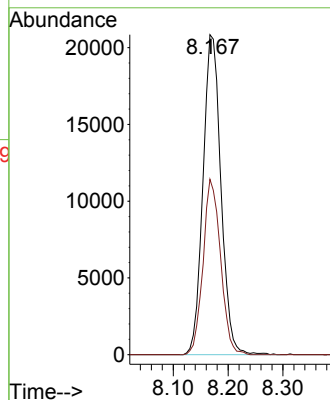
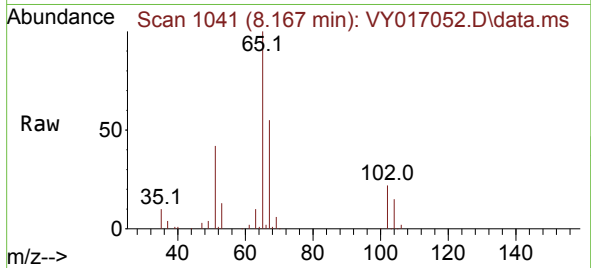




#33
 1,2-Dichloroethane-d4
 Concen: 48.838 ug/l
 RT: 8.167 min Scan# 1103
 Delta R.T. 0.012 min
 Lab File: VY017052.D
 Acq: 19 Jan 2024 13:48

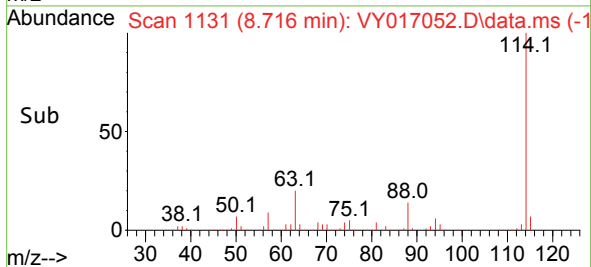
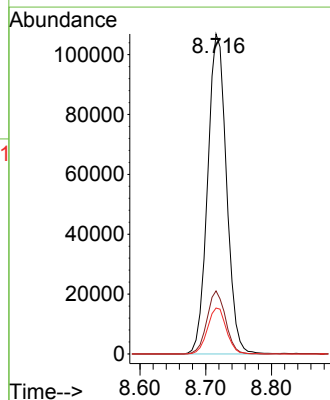
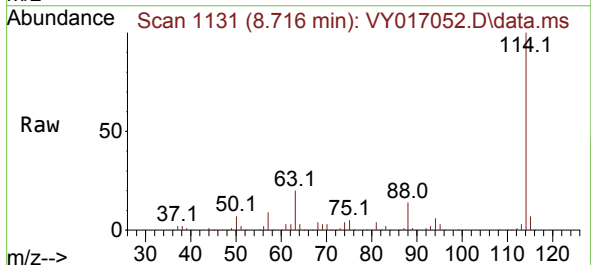
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-10.5-11.0

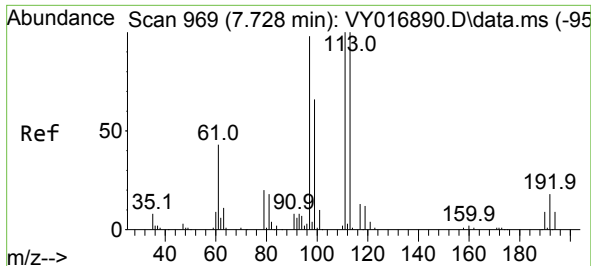
Tgt Ion: 65 Resp: 47334
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.716 min Scan# 1131
 Delta R.T. 0.013 min
 Lab File: VY017052.D
 Acq: 19 Jan 2024 13:48

Tgt Ion: 114 Resp: 213128
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 37.4
 88 14.4 0.0 29.0

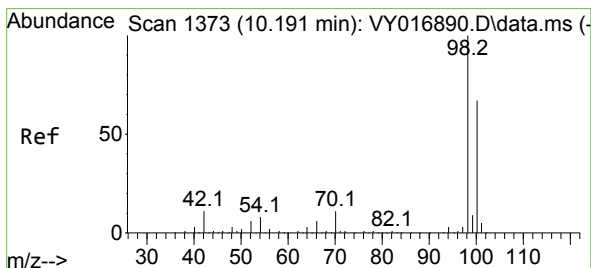
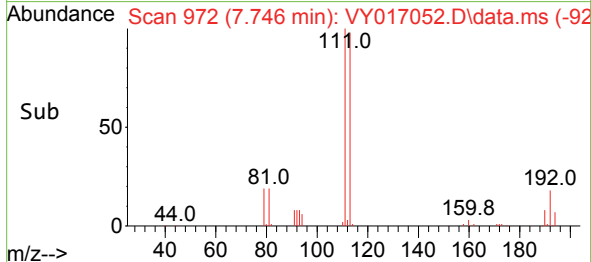
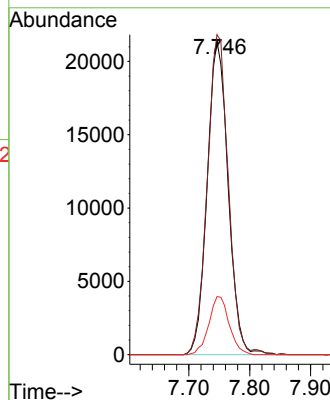
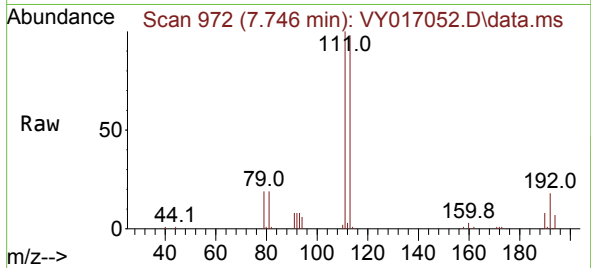




#35
Dibromofluoromethane
Concen: 37.581 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017052.D
Acq: 19 Jan 2024 13:48

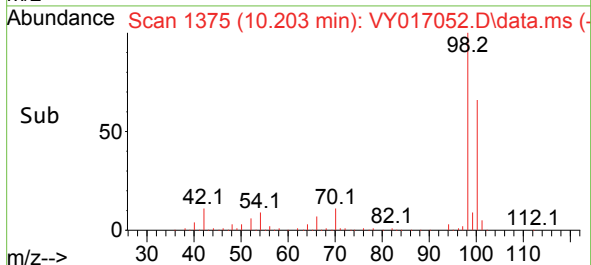
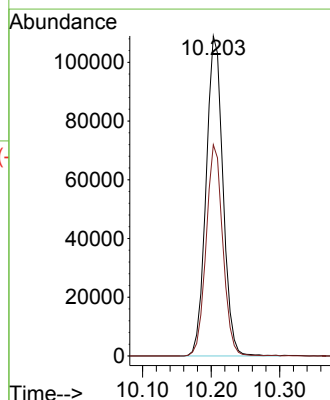
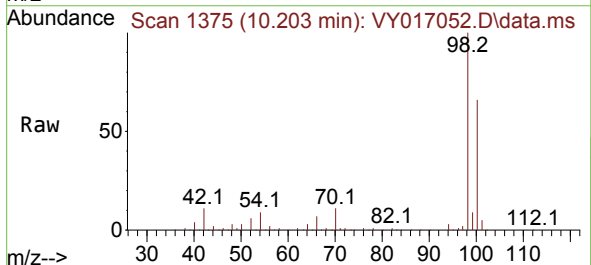
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-10.5-11.0

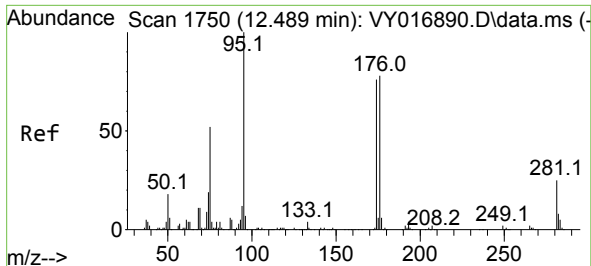
Tgt Ion:113 Resp: 51040
Ion Ratio Lower Upper
113 100
111 102.9 83.8 125.6
192 18.1 14.5 21.7



#50
Toluene-d8
Concen: 39.857 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.012 min
Lab File: VY017052.D
Acq: 19 Jan 2024 13:48

Tgt Ion: 98 Resp: 186399
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5

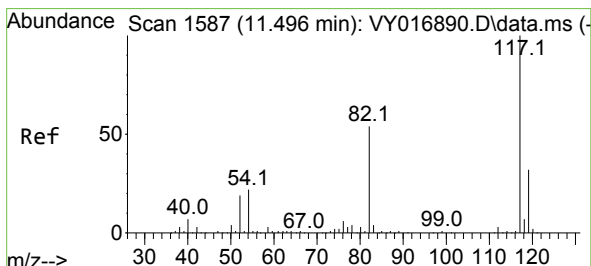
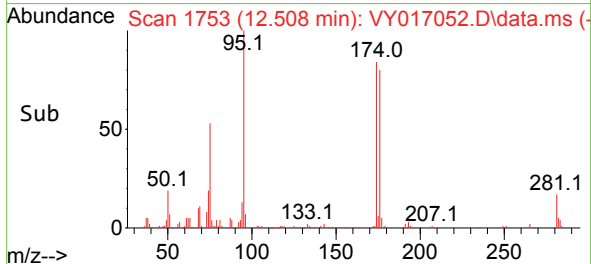
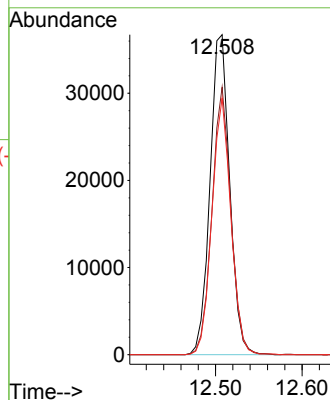
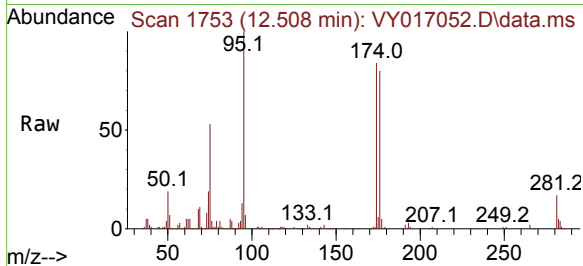




#62
4-Bromofluorobenzene
Concen: 36.704 ug/l
RT: 12.508 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY017052.D
Acq: 19 Jan 2024 13:48

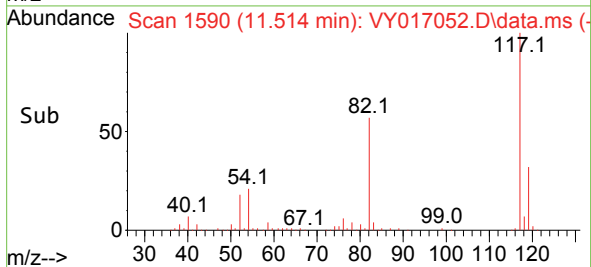
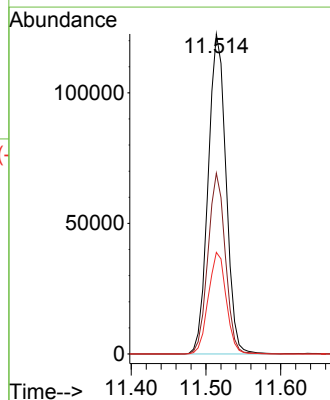
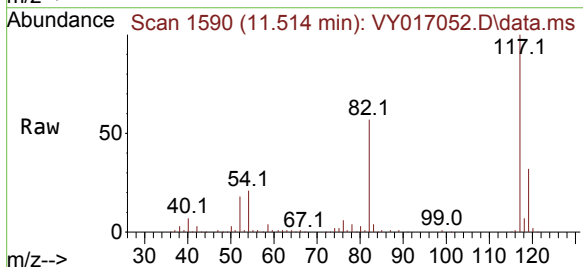
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-10.5-11.0

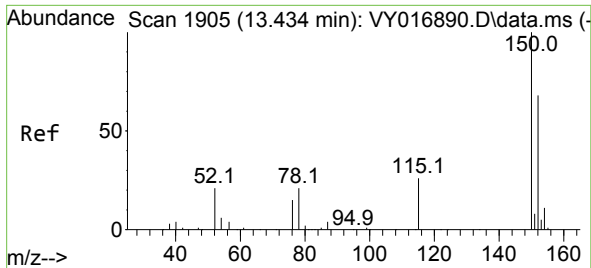
Tgt Ion:	95	Resp:	57915
Ion	Ratio	Lower	Upper
95	100		
174	80.4	0.0	160.0
176	77.2	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY017052.D
Acq: 19 Jan 2024 13:48

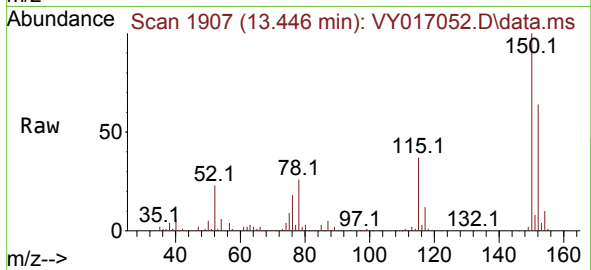
Tgt Ion:	117	Resp:	203415
Ion	Ratio	Lower	Upper
117	100		
82	56.5	43.8	65.8
119	31.7	26.5	39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.012 min
 Lab File: VY017052.D
 Acq: 19 Jan 2024 13:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-10.5-11.0



Tgt Ion:	152	Resp:	75552
Ion	Ratio	Lower	Upper
152	100		
115	59.2	30.0	90.0
150	159.4	0.0	344.6

