

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011924\
 Data File : VY017054.D
 Acq On : 19 Jan 2024 14:35
 Operator : SY/MD
 Sample : P1185-01
 Misc : 3.44g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7-19.5-20.0

Quant Time: Jan 19 22:22:30 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)

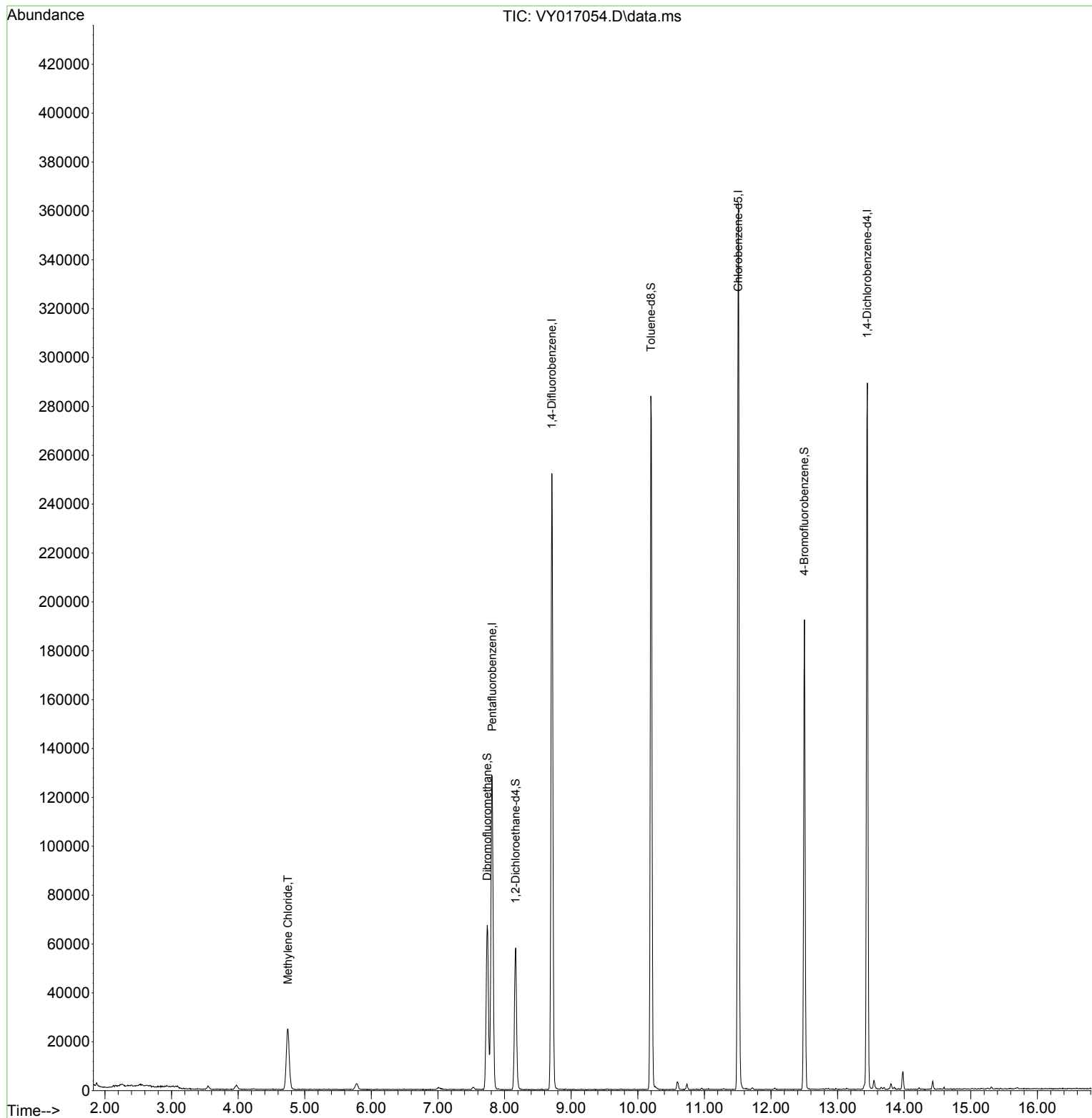
Internal Standards						
1) Pentafluorobenzene	7.813	168	100180	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	215585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	201304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.447	152	71991	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	45263	45.714	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.420%
35) Dibromofluoromethane	7.740	113	50517	36.772	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	73.540%
50) Toluene-d8	10.197	98	187876	39.715	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.420%
62) 4-Bromofluorobenzene	12.502	95	55507	34.777	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	69.560%
Target Compounds						
20) Methylene Chloride	4.747	84	19480	9.170	ug/l	98

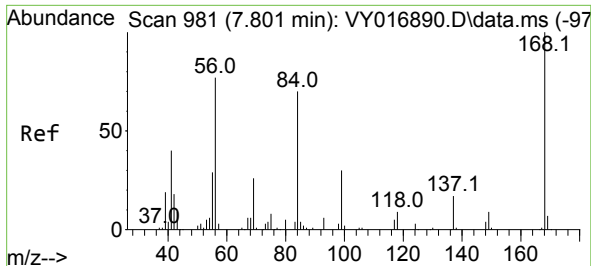
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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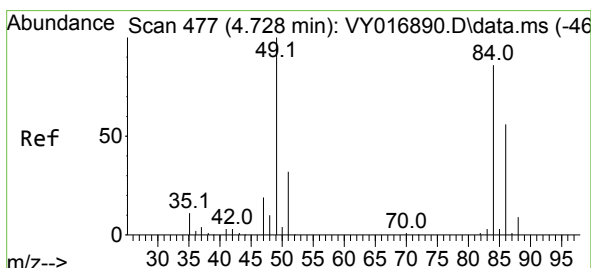
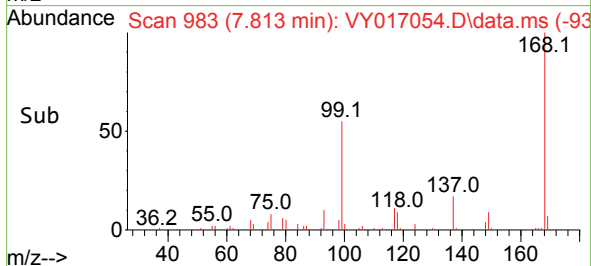
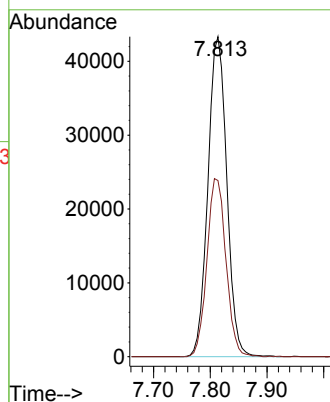
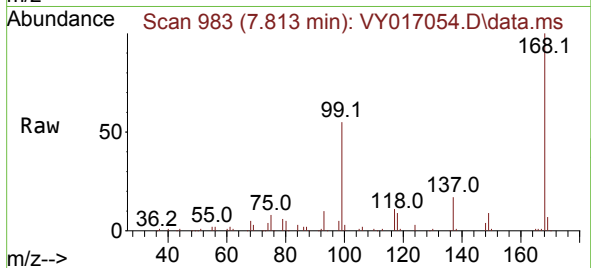




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017054.D
Acq: 19 Jan 2024 14:35

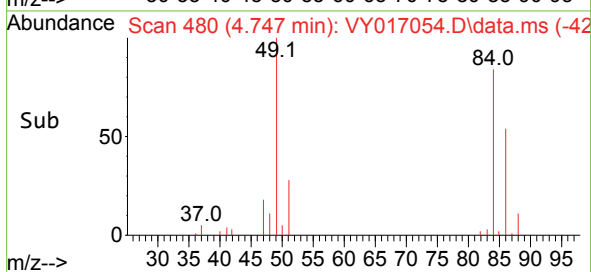
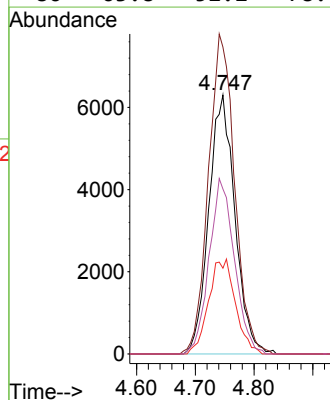
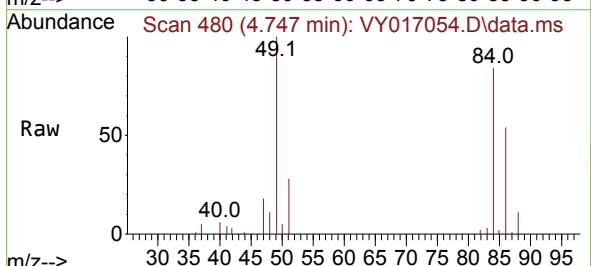
Instrument :
MSVOA_Y
ClientSampleId :
SB-7-19.5-20.0

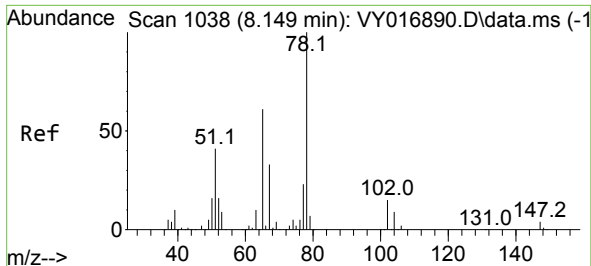
Tgt Ion:168 Resp: 100180
Ion Ratio Lower Upper
168 100
99 55.0 44.2 66.4



#20
Methylene Chloride
Concen: 9.170 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.013 min
Lab File: VY017054.D
Acq: 19 Jan 2024 14:35

Tgt Ion: 84 Resp: 19480
Ion Ratio Lower Upper
84 100
49 118.6 95.2 142.8
51 33.2 29.9 44.9
86 63.8 52.2 78.4

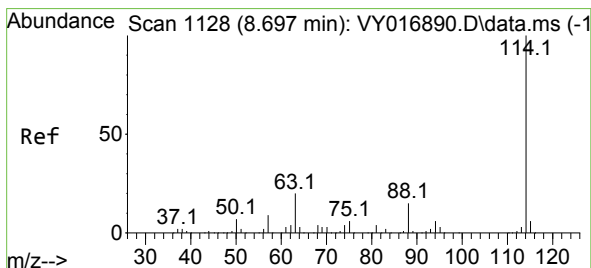
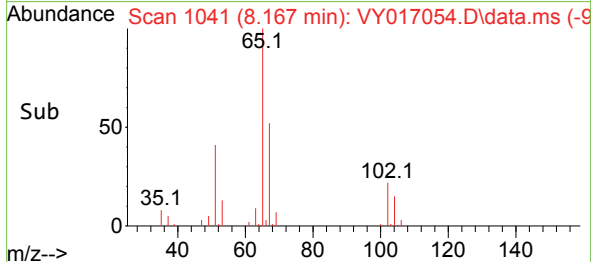
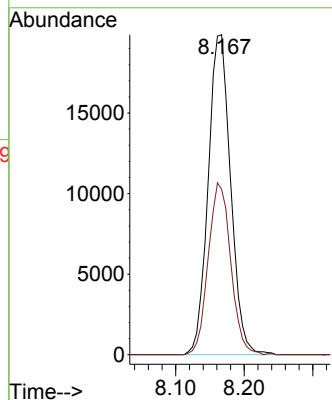
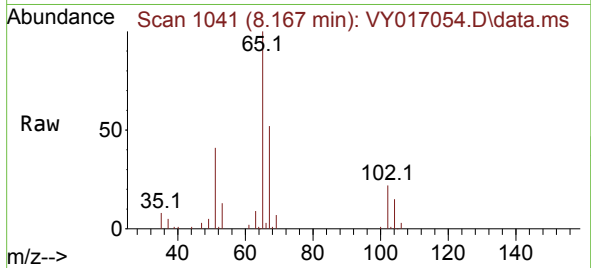




#33
 1,2-Dichloroethane-d4
 Concen: 45.714 ug/l
 RT: 8.167 min Scan# 1130
 Delta R.T. 0.012 min
 Lab File: VY017054.D
 Acq: 19 Jan 2024 14:35

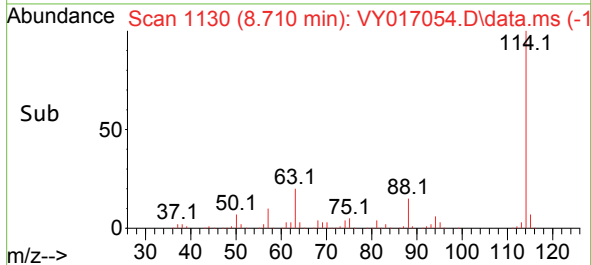
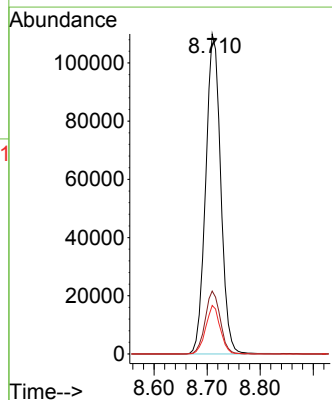
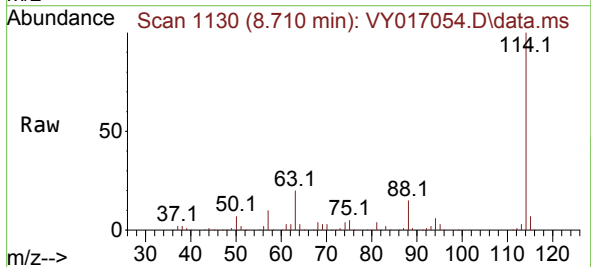
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7-19.5-20.0

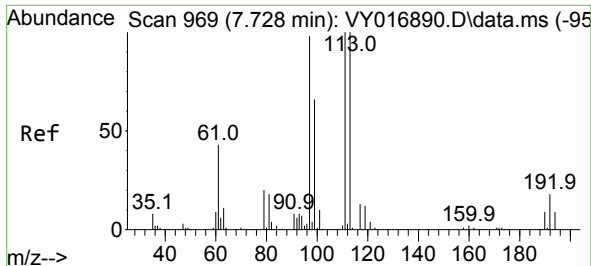
Tgt Ion: 65 Resp: 45263
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.710 min Scan# 1130
 Delta R.T. 0.007 min
 Lab File: VY017054.D
 Acq: 19 Jan 2024 14:35

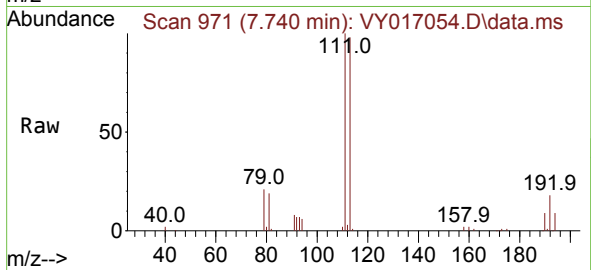
Tgt Ion: 114 Resp: 215585
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 37.4
 88 15.1 0.0 29.0



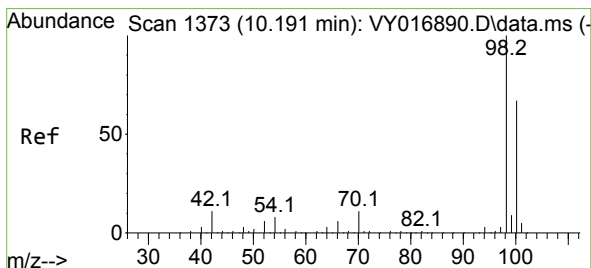
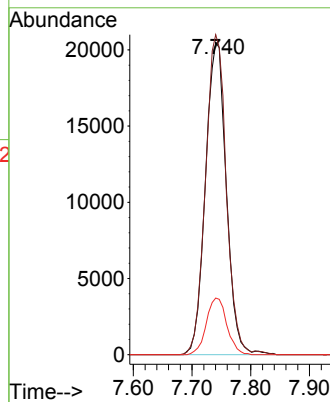
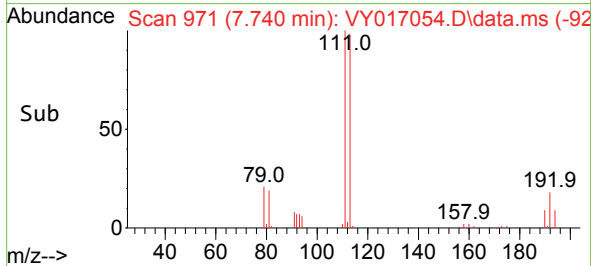


#35
Dibromofluoromethane
Concen: 36.772 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017054.D
Acq: 19 Jan 2024 14:35

Instrument :
MSVOA_Y
ClientSampleId :
SB-7-19.5-20.0

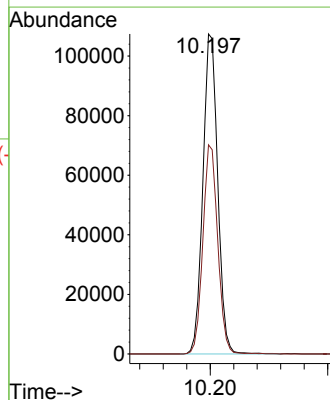
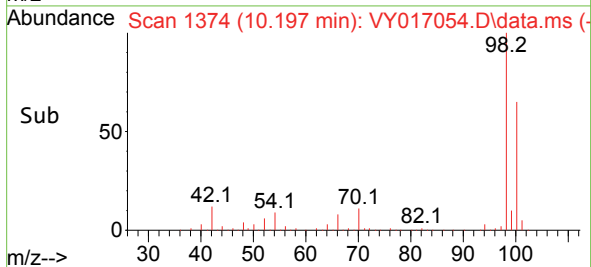
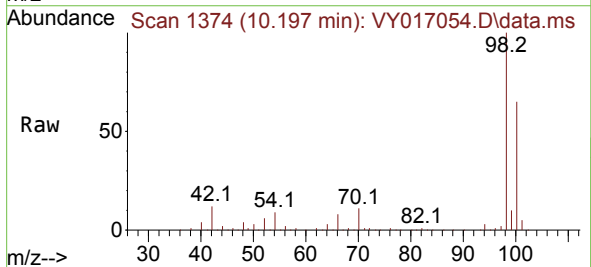


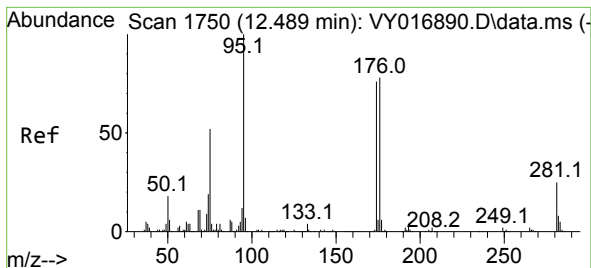
Tgt Ion:113 Resp: 50517
Ion Ratio Lower Upper
113 100
111 102.4 83.8 125.6
192 17.9 14.5 21.7



#50
Toluene-d8
Concen: 39.715 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY017054.D
Acq: 19 Jan 2024 14:35

Tgt Ion: 98 Resp: 187876
Ion Ratio Lower Upper
98 100
100 65.5 52.3 78.5

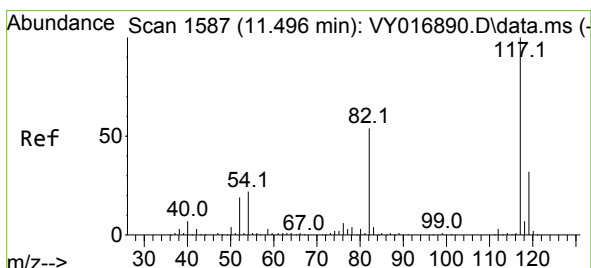
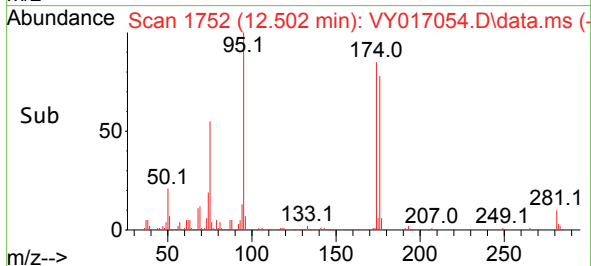
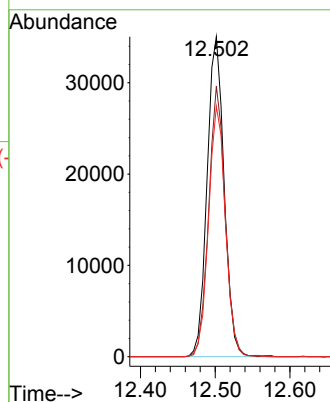
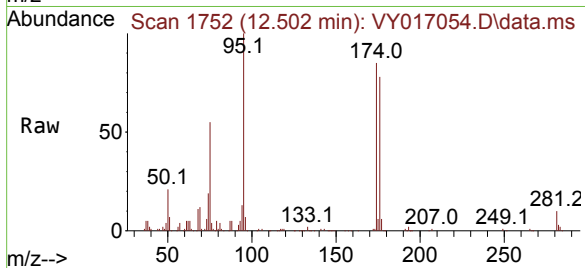




#62
4-Bromofluorobenzene
Concen: 34.777 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.013 min
Lab File: VY017054.D
Acq: 19 Jan 2024 14:35

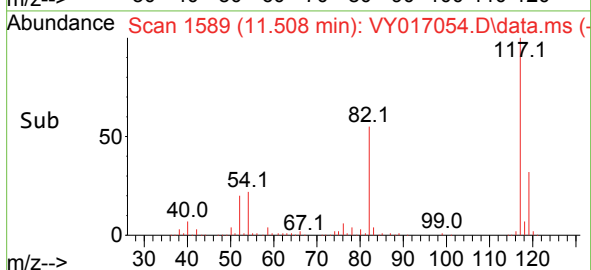
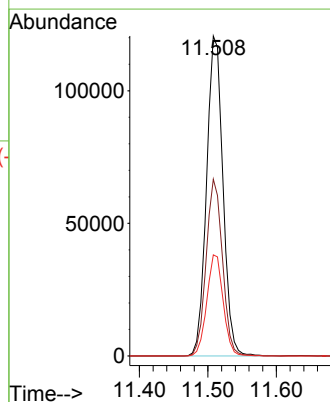
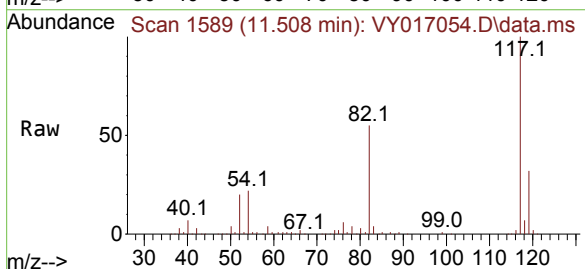
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ClientSampleId :
SB-7-19.5-20.0

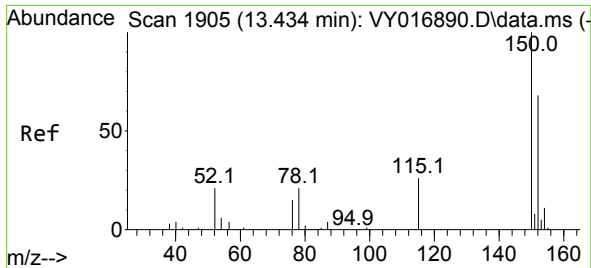
Tgt Ion: 95	Resp: 55507
Ion Ratio	Lower Upper
95 100	
174 81.6	0.0 160.0
176 77.4	0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY017054.D
Acq: 19 Jan 2024 14:35

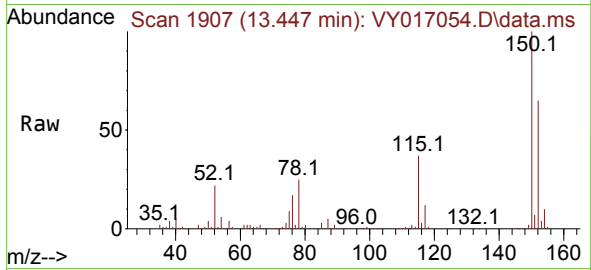
Tgt Ion: 117	Resp: 201304
Ion Ratio	Lower Upper
117 100	
82 55.2	43.8 65.8
119 31.6	26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.447 min Scan# 1907
 Delta R.T. 0.013 min
 Lab File: VY017054.D
 Acq: 19 Jan 2024 14:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7-19.5-20.0



Tgt Ion:152 Resp: 71991
 Ion Ratio Lower Upper
 152 100
 115 59.2 30.0 90.0
 150 157.8 0.0 344.6

