

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011924\
 Data File : VY017055.D
 Acq On : 19 Jan 2024 14:58
 Operator : SY/MD
 Sample : P1185-02
 Misc : 1.97g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7-9.5-10.0

Quant Time: Jan 19 22:22:51 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)

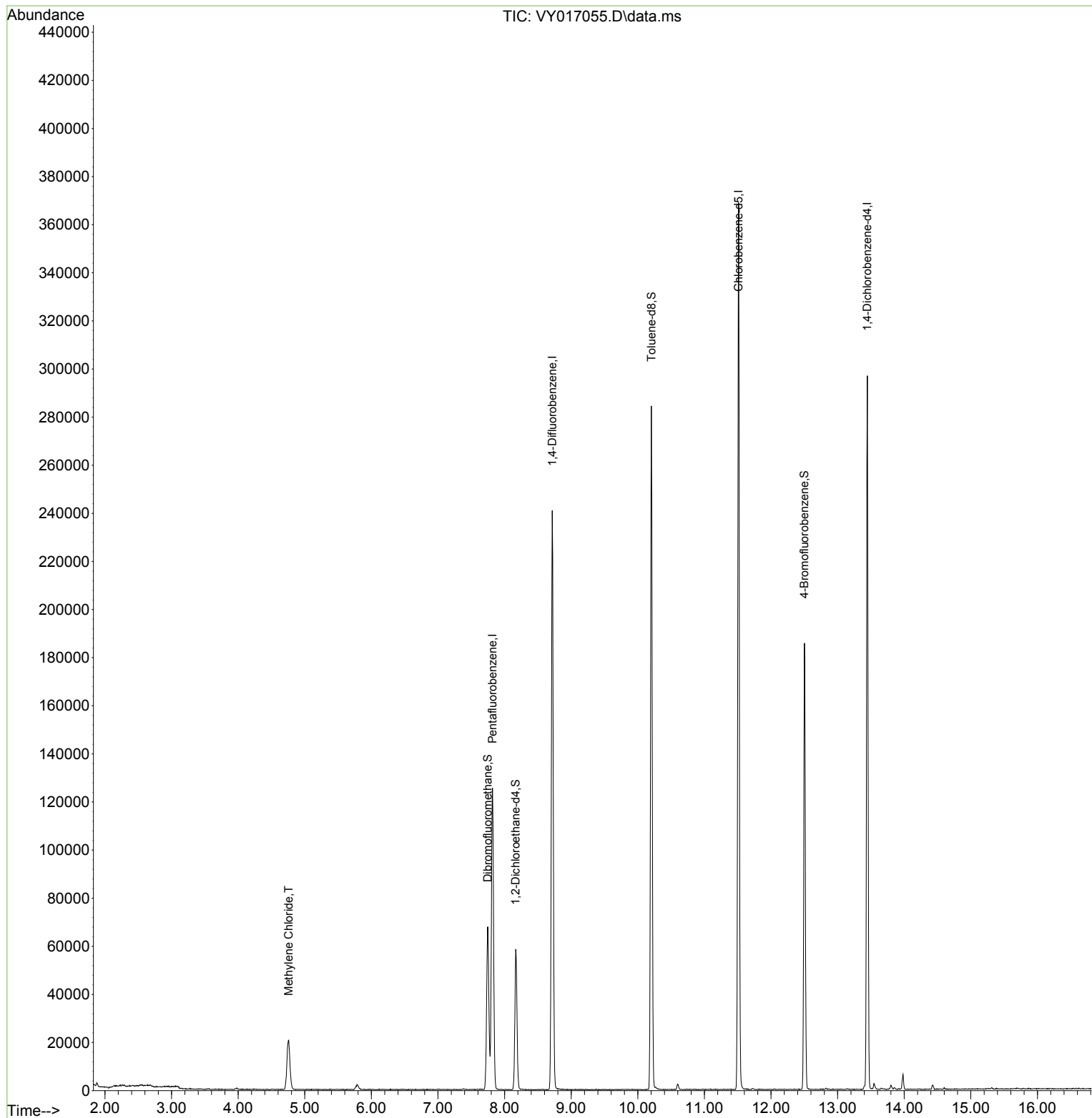
Internal Standards						
1) Pentafluorobenzene	7.819	168	95698	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	207589	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	198161	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	72650	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	45344	47.940	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.880%
35) Dibromofluoromethane	7.746	113	49368	37.320	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.640%
50) Toluene-d8	10.203	98	181787	39.908	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.820%
62) 4-Bromofluorobenzene	12.502	95	56296	36.630	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	73.260%
Target Compounds						
20) Methylene Chloride	4.759	84	15996	6.784	ug/l	Qvalue 96

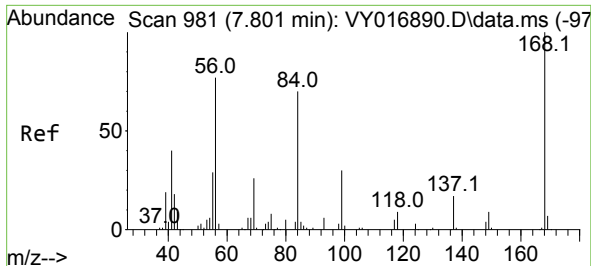
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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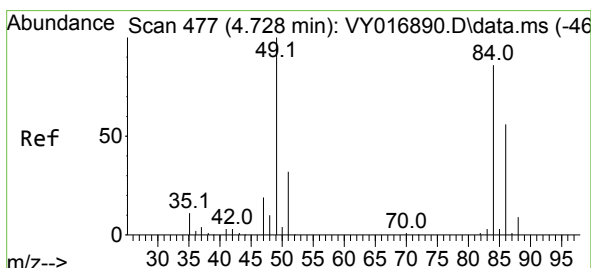
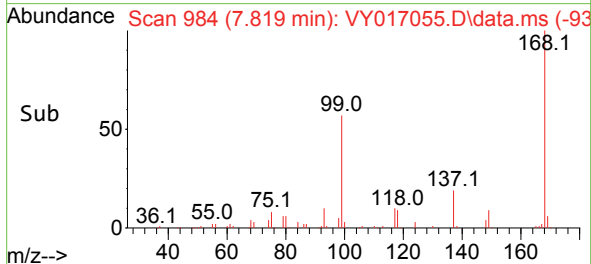
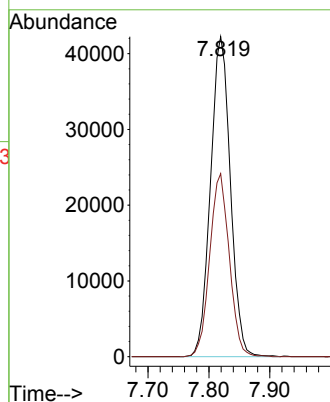
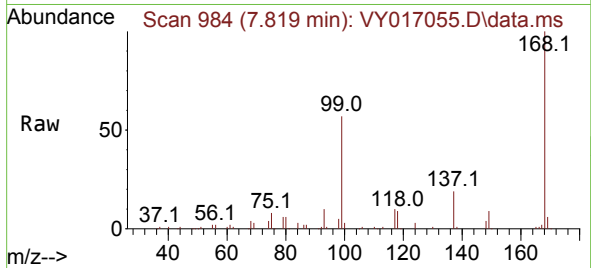




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017055.D
Acq: 19 Jan 2024 14:58

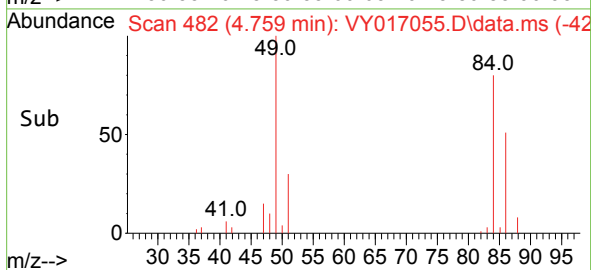
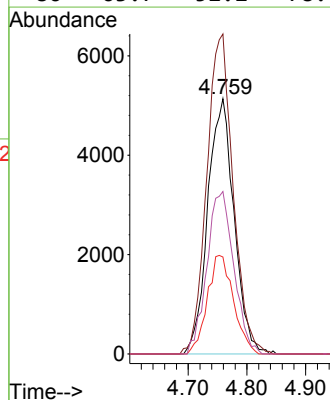
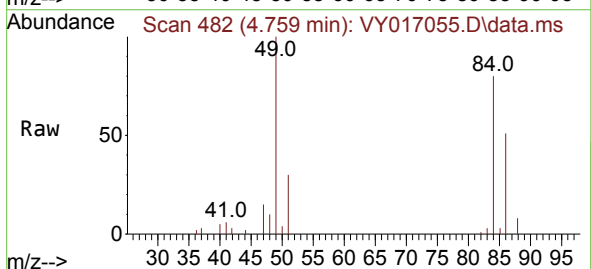
Instrument :
MSVOA_Y
ClientSampleId :
SB-7-9.5-10.0

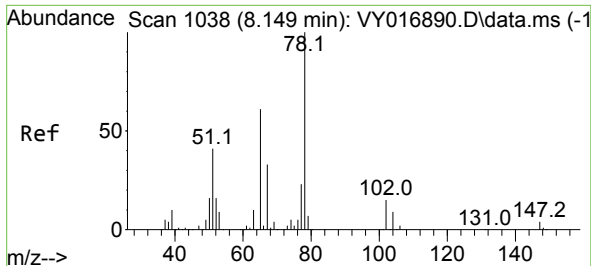
Tgt Ion:168 Resp: 95698
Ion Ratio Lower Upper
168 100
99 57.2 44.2 66.4



#20
Methylene Chloride
Concen: 6.784 ug/l
RT: 4.759 min Scan# 482
Delta R.T. 0.025 min
Lab File: VY017055.D
Acq: 19 Jan 2024 14:58

Tgt Ion: 84 Resp: 15996
Ion Ratio Lower Upper
84 100
49 125.4 95.2 142.8
51 38.0 29.9 44.9
86 63.7 52.2 78.4

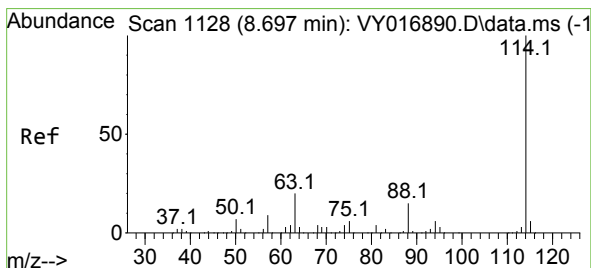
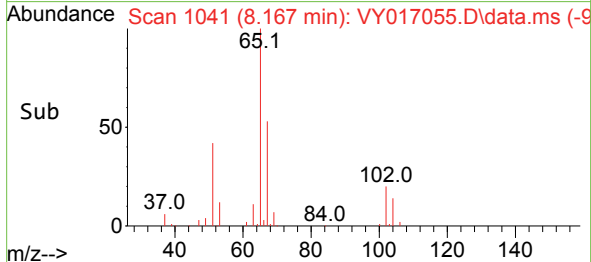
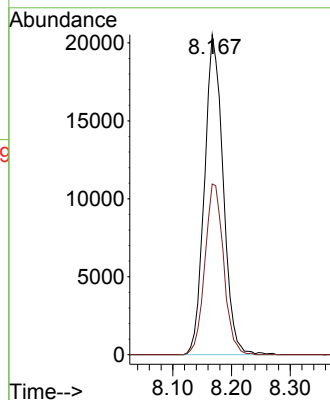
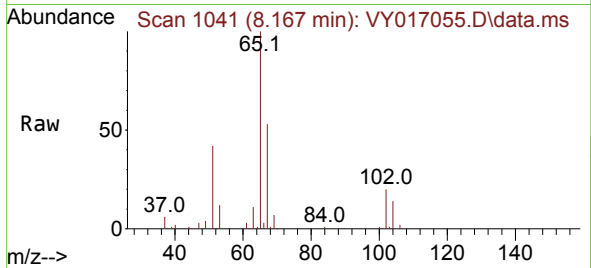




#33
 1,2-Dichloroethane-d4
 Concen: 47.940 ug/l
 RT: 8.167 min Scan# 1103
 Delta R.T. 0.012 min
 Lab File: VY017055.D
 Acq: 19 Jan 2024 14:58

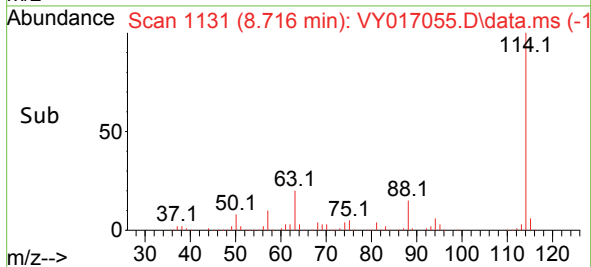
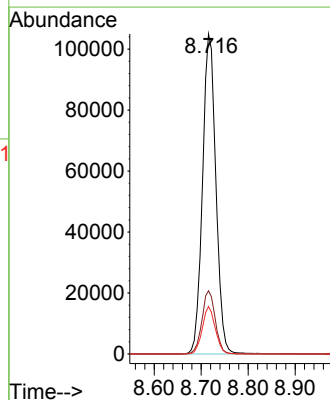
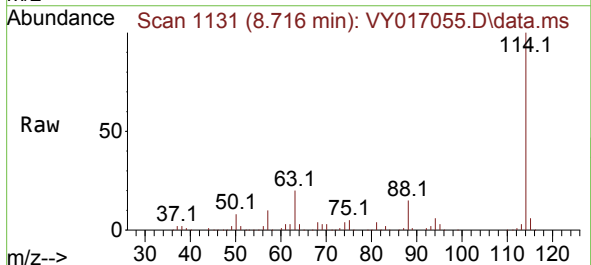
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7-9.5-10.0

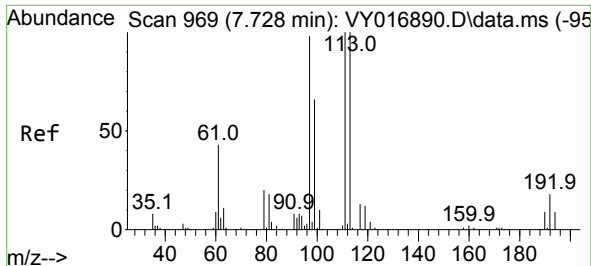
Tgt Ion: 65 Resp: 45344
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.716 min Scan# 1131
 Delta R.T. 0.013 min
 Lab File: VY017055.D
 Acq: 19 Jan 2024 14:58

Tgt Ion: 114 Resp: 207589
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 37.4
 88 14.8 0.0 29.0

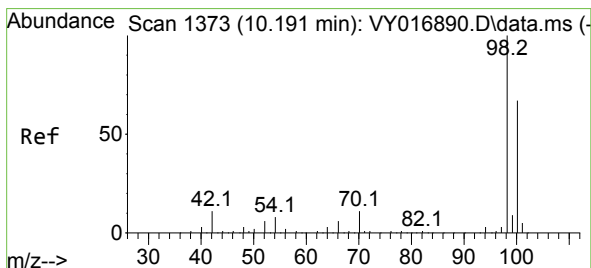
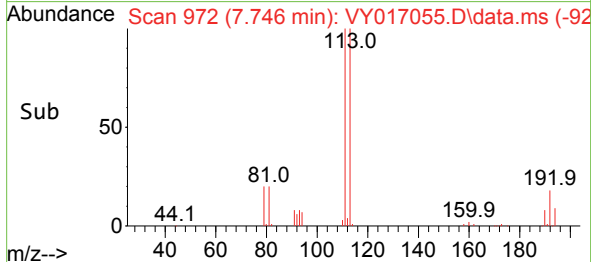
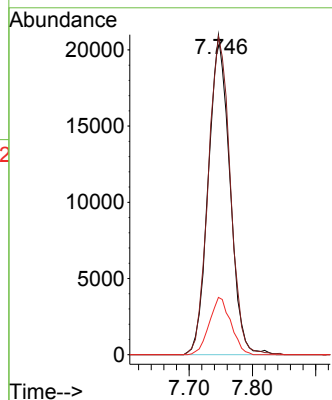
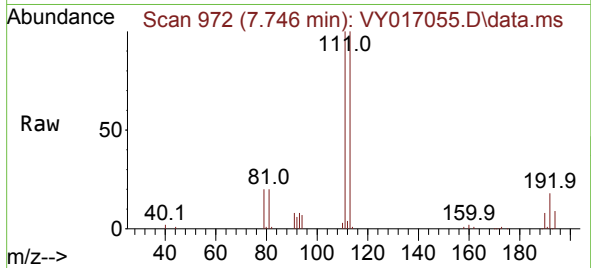




#35
Dibromofluoromethane
Concen: 37.320 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017055.D
Acq: 19 Jan 2024 14:58

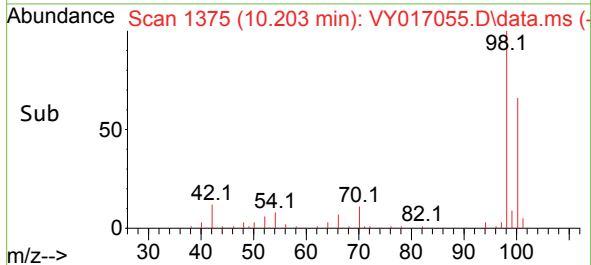
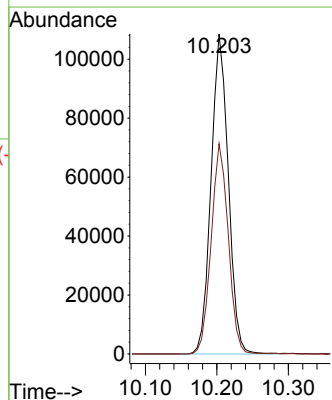
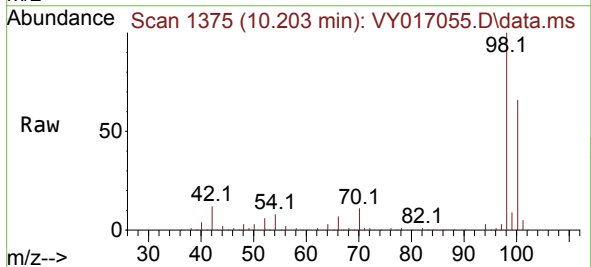
Instrument :
MSVOA_Y
ClientSampleId :
SB-7-9.5-10.0

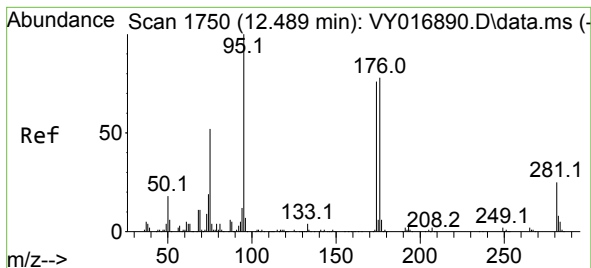
Tgt Ion:113 Resp: 49368
Ion Ratio Lower Upper
113 100
111 102.1 83.8 125.6
192 18.0 14.5 21.7



#50
Toluene-d8
Concen: 39.908 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.012 min
Lab File: VY017055.D
Acq: 19 Jan 2024 14:58

Tgt Ion: 98 Resp: 181787
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5

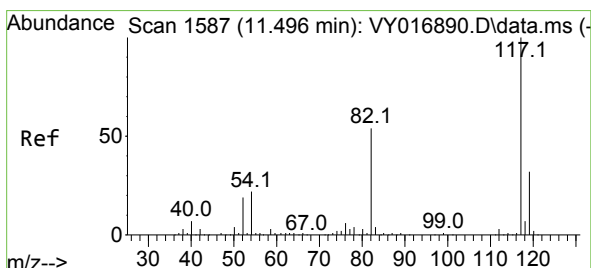
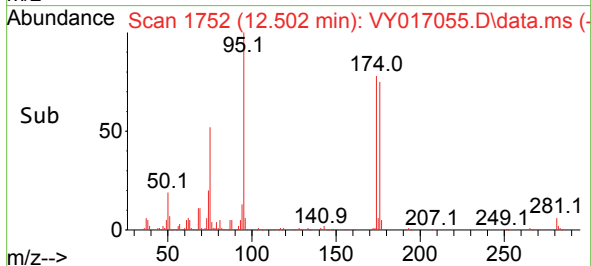
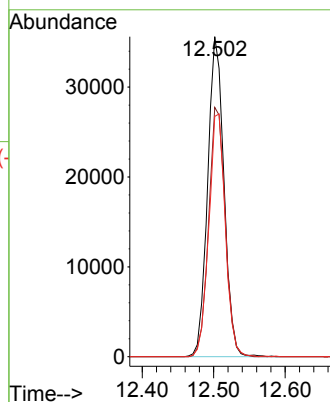
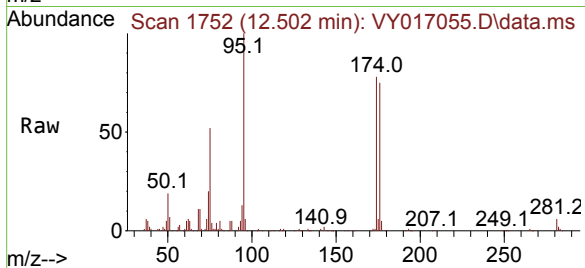




#62
4-Bromofluorobenzene
Concen: 36.630 ug/l
RT: 12.502 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017055.D
Acq: 19 Jan 2024 14:58

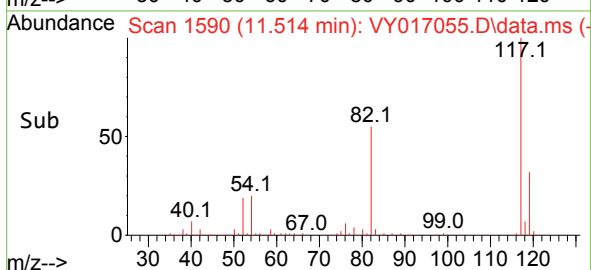
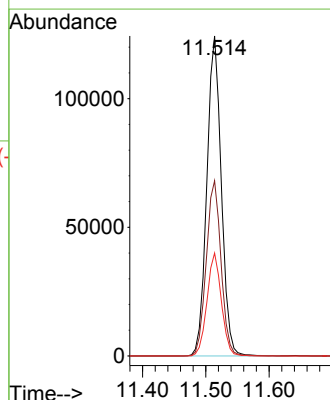
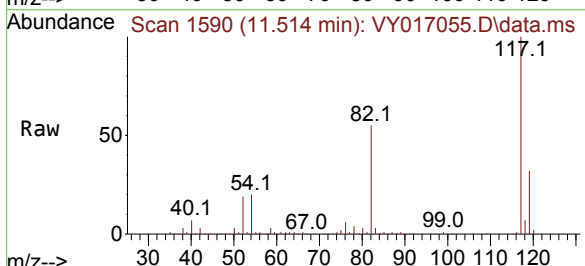
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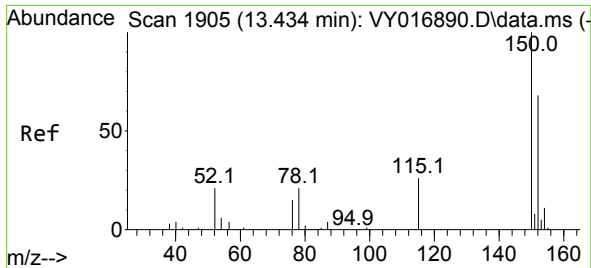
Tgt Ion:	95	Resp:	56296
Ion	Ratio	Lower	Upper
95	100		
174	79.6	0.0	160.0
176	76.8	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY017055.D
Acq: 19 Jan 2024 14:58

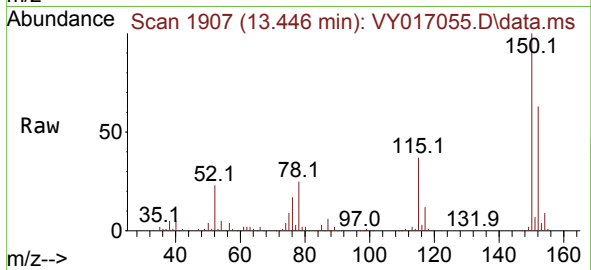
Tgt Ion:	117	Resp:	198161
Ion	Ratio	Lower	Upper
117	100		
82	54.8	43.8	65.8
119	32.2	26.5	39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.012 min
 Lab File: VY017055.D
 Acq: 19 Jan 2024 14:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7-9.5-10.0



Tgt Ion:152 Resp: 72650
 Ion Ratio Lower Upper
 152 100
 115 59.5 30.0 90.0
 150 159.1 0.0 344.6

