

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011924\
 Data File : VY017050.D
 Acq On : 19 Jan 2024 13:01
 Operator : SY/MD
 Sample : P1184-02
 Misc : 3.31g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4-18.5-19.0

Quant Time: Jan 19 22:20:41 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)

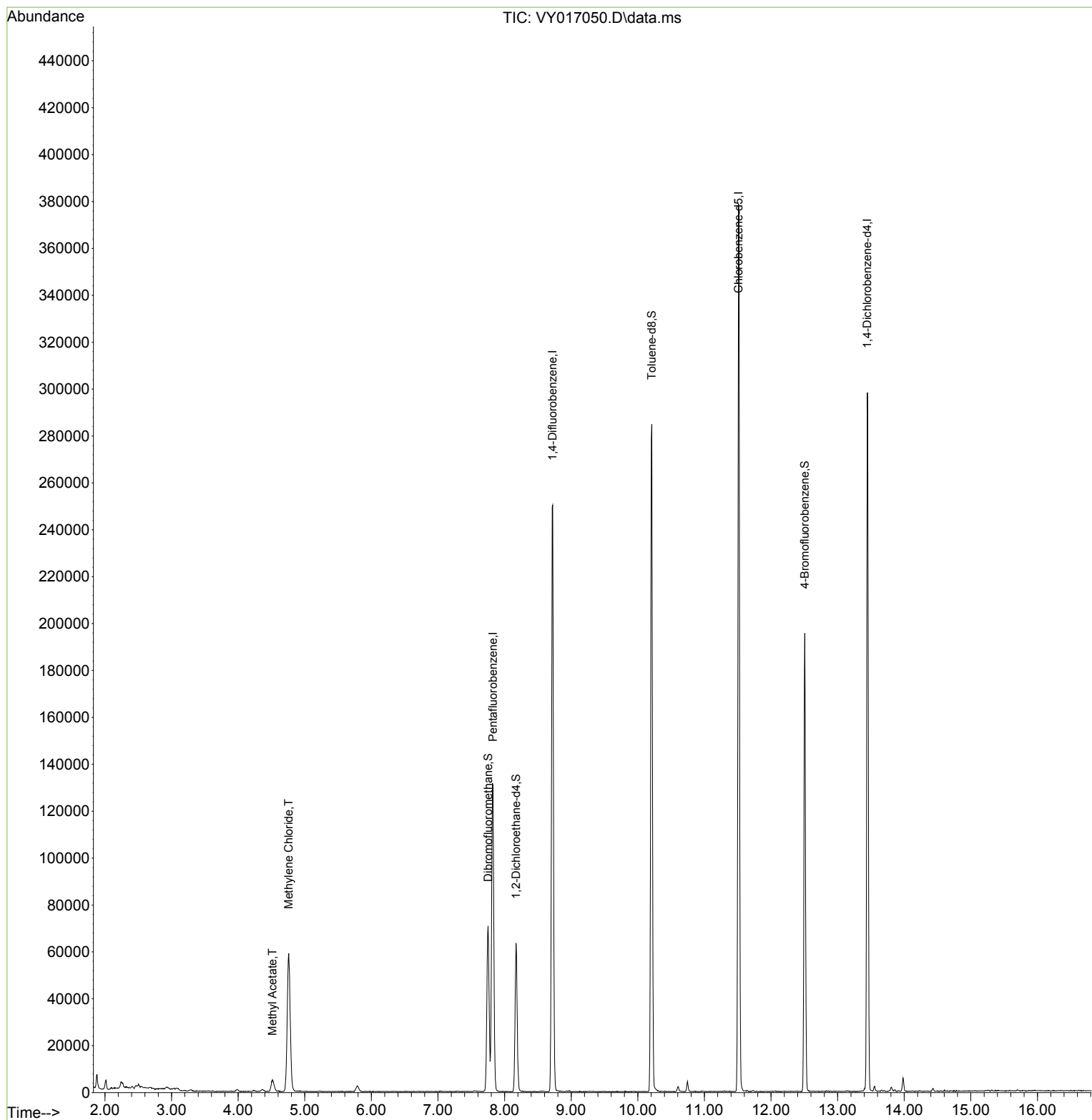
Internal Standards						
1) Pentafluorobenzene	7.825	168	102073	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	219262	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	209454	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	76806	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	47398	46.982	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.960%
35) Dibromofluoromethane	7.752	113	51620	36.945	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	73.880%
50) Toluene-d8	10.209	98	190697	39.635	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.260%
62) 4-Bromofluorobenzene	12.507	95	58686	36.153	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	=	72.300%
Target Compounds						
					Qvalue	
18) Methyl Acetate	4.515	43	10573	9.782	ug/l	96
20) Methylene Chloride	4.759	84	45904	32.176	ug/l	98

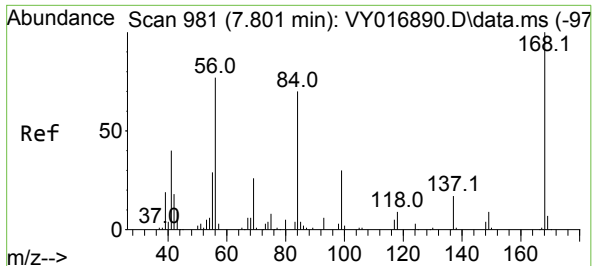
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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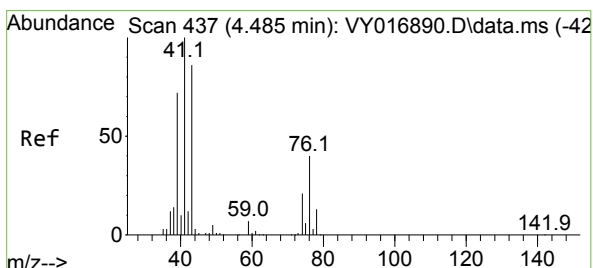
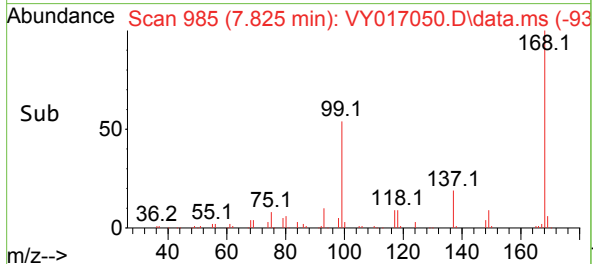
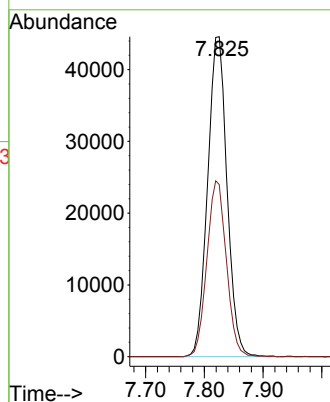
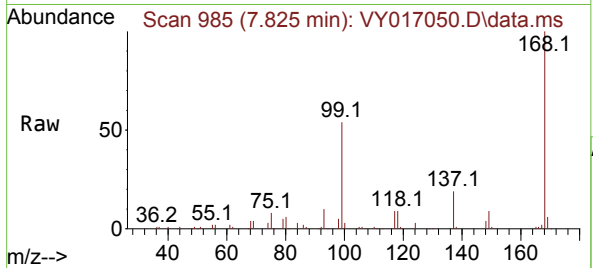




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.825 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY017050.D
Acq: 19 Jan 2024 13:01

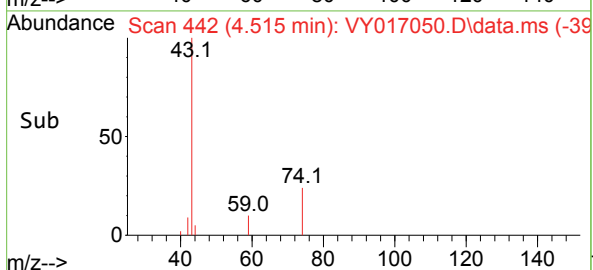
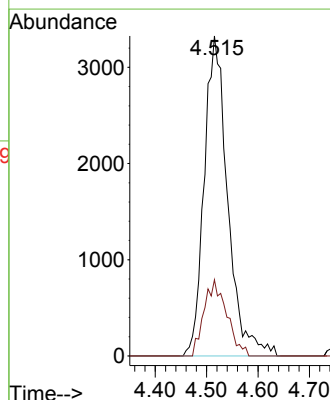
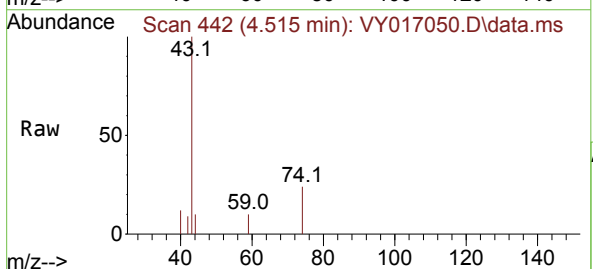
Instrument :
MSVOA_Y
ClientSampleId :
SB-4-18.5-19.0

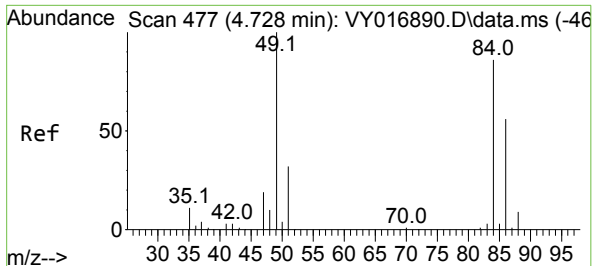
Tgt Ion:168 Resp: 102073
Ion Ratio Lower Upper
168 100
99 53.8 44.2 66.4



#18
Methyl Acetate
Concen: 9.782 ug/l
RT: 4.515 min Scan# 442
Delta R.T. 0.018 min
Lab File: VY017050.D
Acq: 19 Jan 2024 13:01

Tgt Ion: 43 Resp: 10573
Ion Ratio Lower Upper
43 100
74 22.9 19.8 29.6

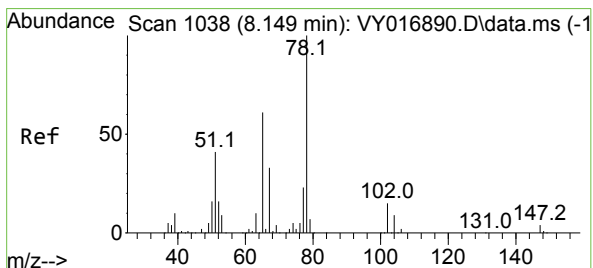
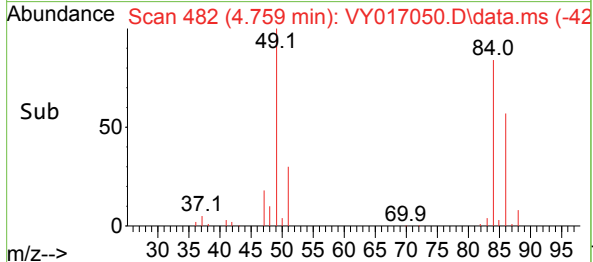
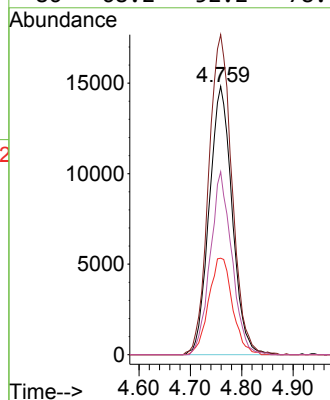
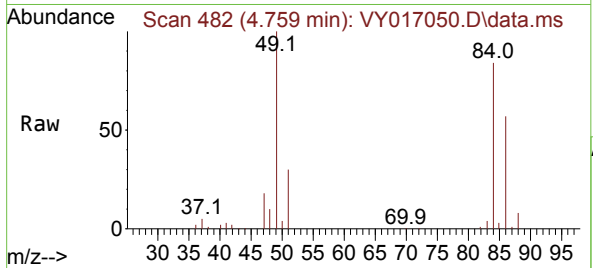




#20
Methylene Chloride
Concen: 32.176 ug/l
RT: 4.759 min Scan# 41
Delta R.T. 0.025 min
Lab File: VY017050.D
Acq: 19 Jan 2024 13:01

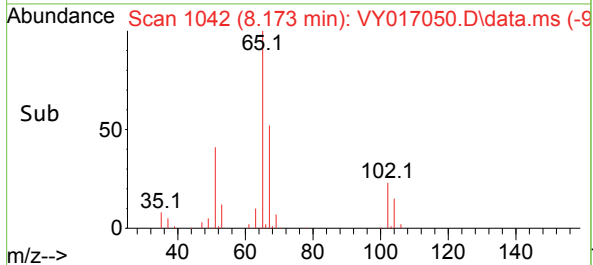
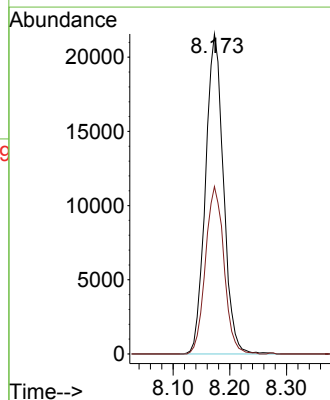
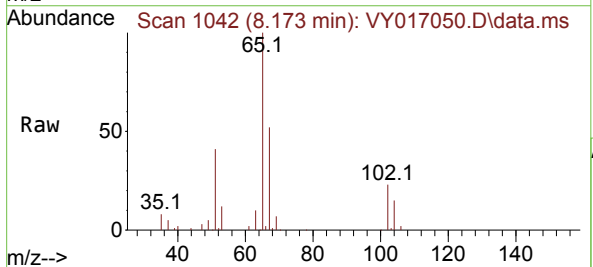
Instrument :
MSVOA_Y
ClientSampleId :
SB-4-18.5-19.0

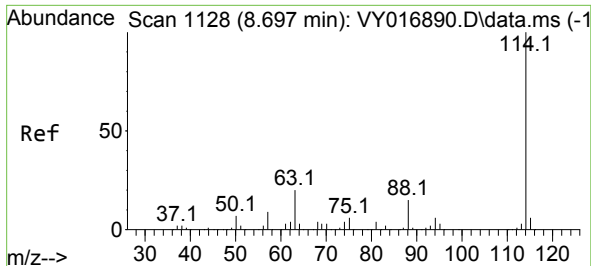
Tgt Ion: 84	Resp: 45904
Ion Ratio	Lower Upper
84 100	
49 119.3	95.2 142.8
51 36.0	29.9 44.9
86 68.2	52.2 78.4



#33
1,2-Dichloroethane-d4
Concen: 46.982 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.018 min
Lab File: VY017050.D
Acq: 19 Jan 2024 13:01

Tgt Ion: 65	Resp: 47398
Ion Ratio	Lower Upper
65 100	
67 54.0	0.0 109.0

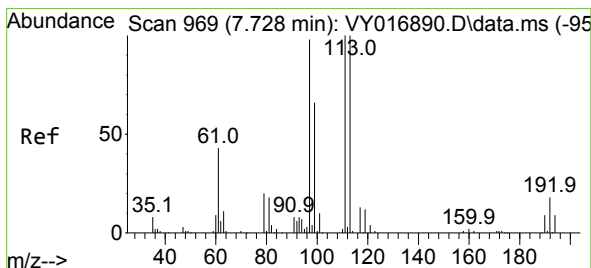
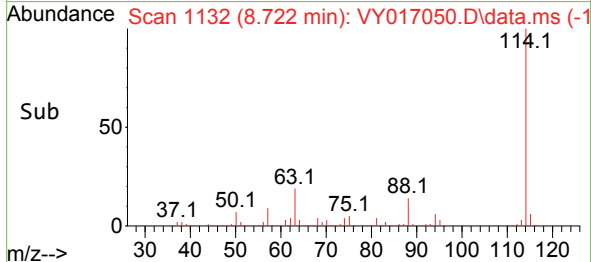
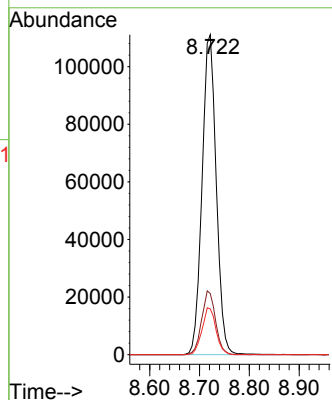
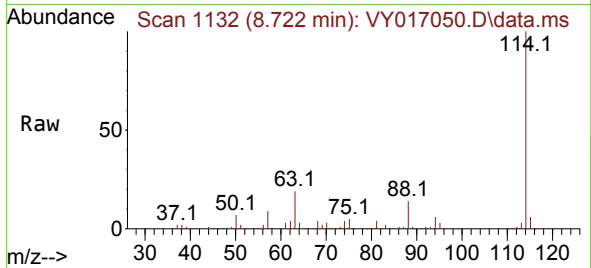




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.722 min Scan# 1128
Delta R.T. 0.019 min
Lab File: VY017050.D
Acq: 19 Jan 2024 13:01

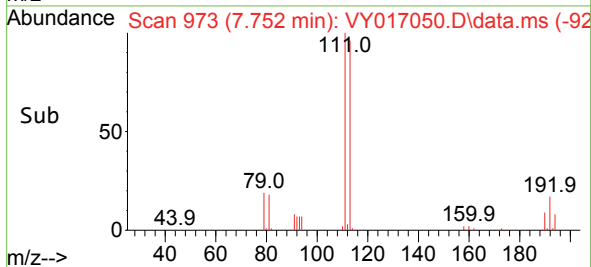
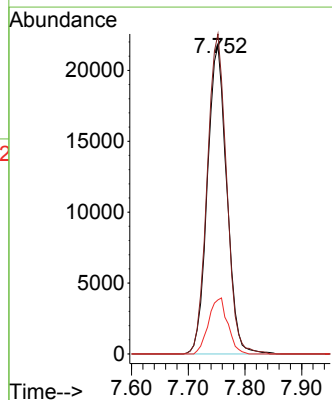
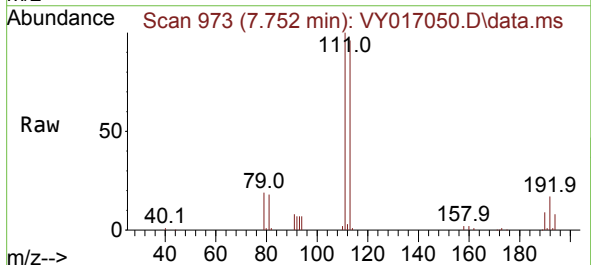
Instrument :
MSVOA_Y
ClientSampleId :
SB-4-18.5-19.0

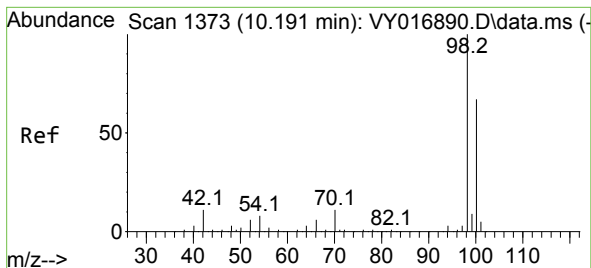
Tgt Ion:114 Resp: 219262
Ion Ratio Lower Upper
114 100
63 19.1 0.0 37.4
88 14.3 0.0 29.0



#35
Dibromofluoromethane
Concen: 36.945 ug/l
RT: 7.752 min Scan# 973
Delta R.T. 0.024 min
Lab File: VY017050.D
Acq: 19 Jan 2024 13:01

Tgt Ion:113 Resp: 51620
Ion Ratio Lower Upper
113 100
111 103.8 83.8 125.6
192 18.0 14.5 21.7

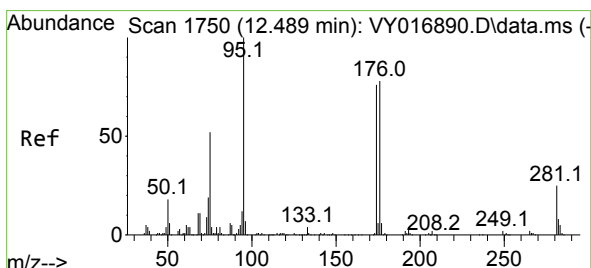
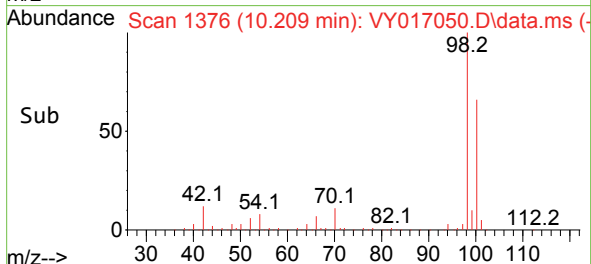
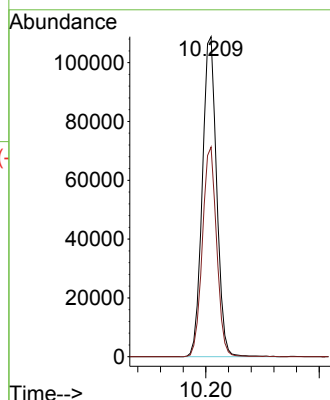
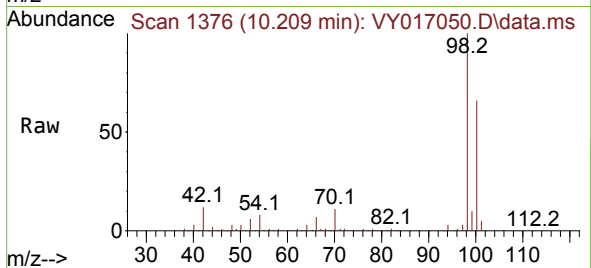




#50
Toluene-d8
Concen: 39.635 ug/l
RT: 10.209 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017050.D
Acq: 19 Jan 2024 13:01

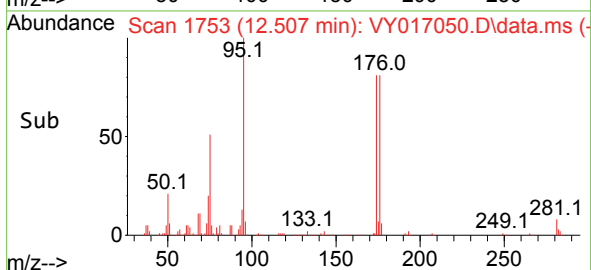
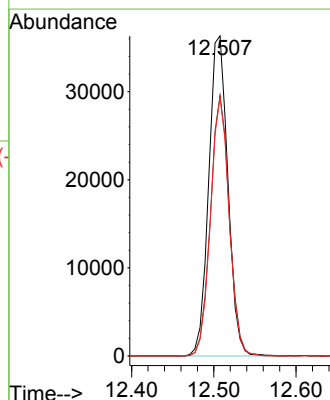
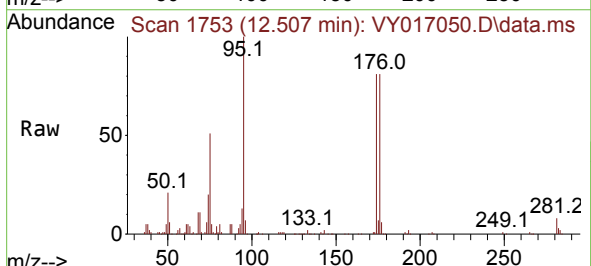
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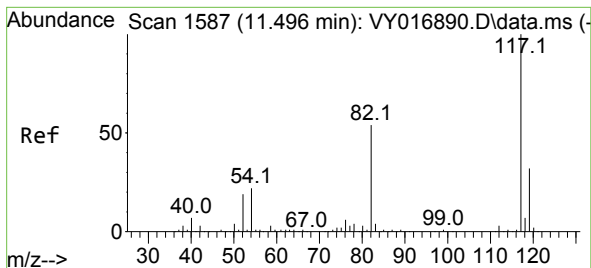
Tgt Ion: 98 Resp: 190697
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 36.153 ug/l
RT: 12.507 min Scan# 1753
Delta R.T. 0.018 min
Lab File: VY017050.D
Acq: 19 Jan 2024 13:01

Tgt Ion: 95 Resp: 58686
Ion Ratio Lower Upper
95 100
174 80.3 0.0 160.0
176 78.3 0.0 151.8

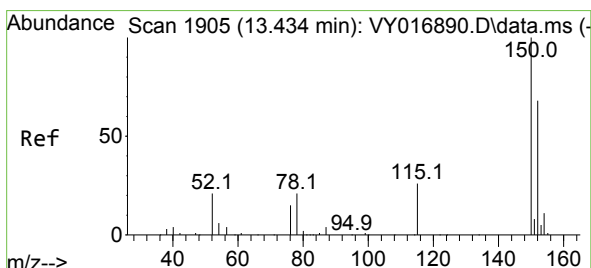
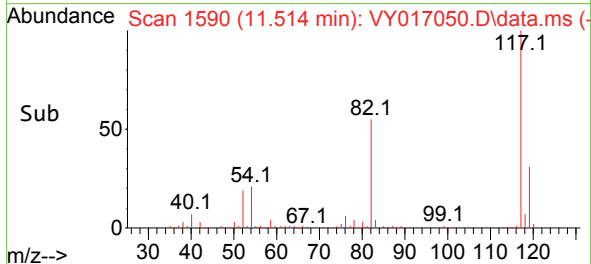
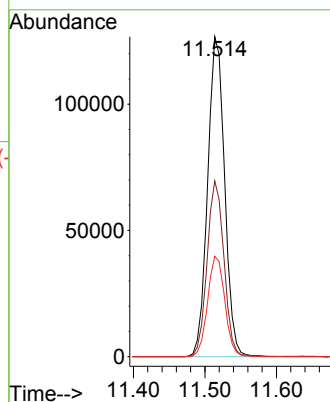
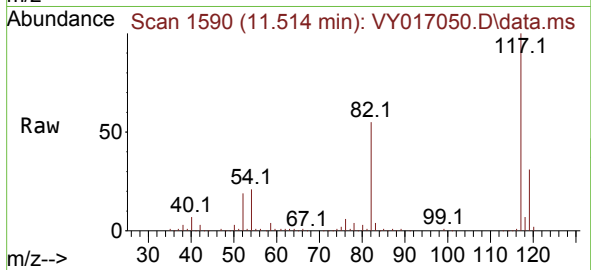




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017050.D
Acq: 19 Jan 2024 13:01

Instrument :
MSVOA_Y
ClientSampleId :
SB-4-18.5-19.0

Tgt Ion:117 Resp: 209454
Ion Ratio Lower Upper
117 100
82 55.0 43.8 65.8
119 31.4 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: VY017050.D
Acq: 19 Jan 2024 13:01

Tgt Ion:152 Resp: 76806
Ion Ratio Lower Upper
152 100
115 59.5 30.0 90.0
150 158.1 0.0 344.6

