

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121824\
 Data File : VY020640.D
 Acq On : 18 Dec 2024 16:51
 Operator : SY/MD
 Sample : P5299-03
 Misc : 5.73g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01

Quant Time: Dec 19 02:50:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

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

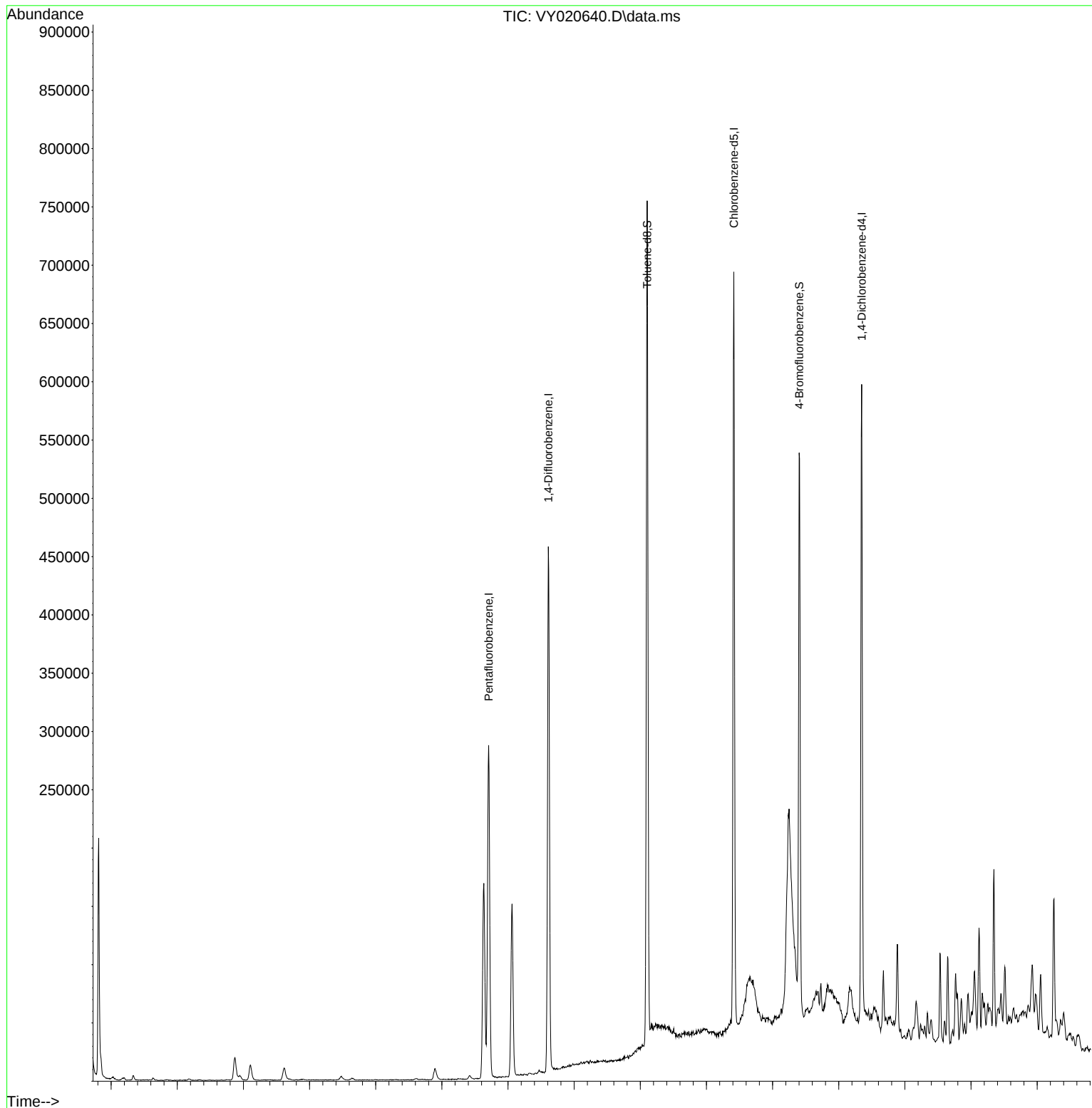
Internal Standards						
1) Pentafluorobenzene	7.707	168	223514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	392391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	337704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	138439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	119025	48.622	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.240%
35) Dibromofluoromethane	7.634	113	120658	43.630	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.260%
50) Toluene-d8	10.103	98	476055	49.181	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.360%
62) 4-Bromofluorobenzene	12.401	95	151545	40.024	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	80.040%
Target Compounds						
					Qvalue	
16) Acetone	3.872	43	35108	67.492	ug/l	96
17) Carbon Disulfide	4.110	76	26537	2.910	ug/l	97
25) 2-Butanone	6.896	43	16117	17.716	ug/l	96

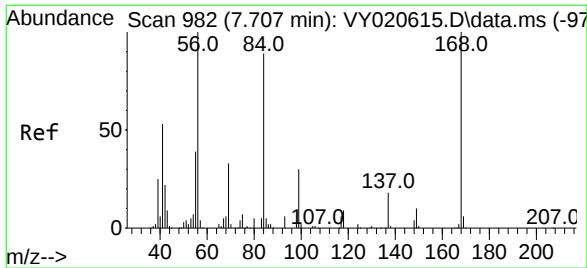
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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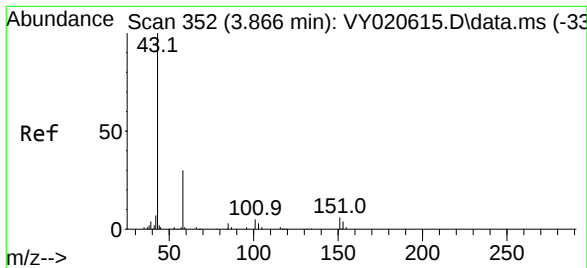
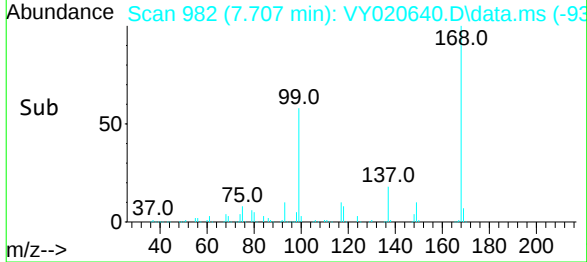
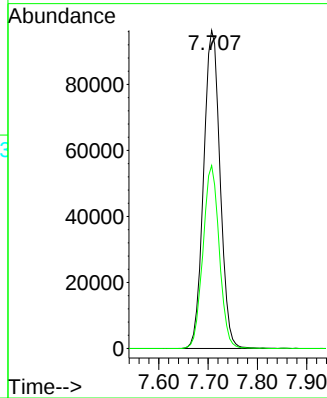
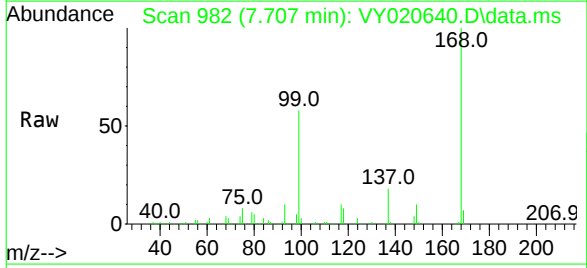




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020640.D
Acq: 18 Dec 2024 16:51

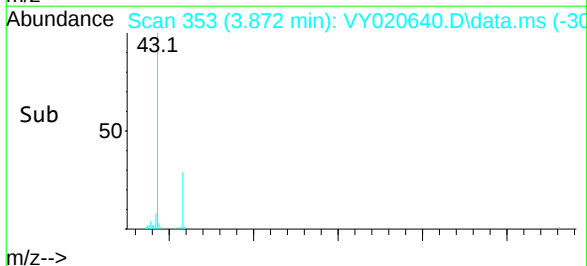
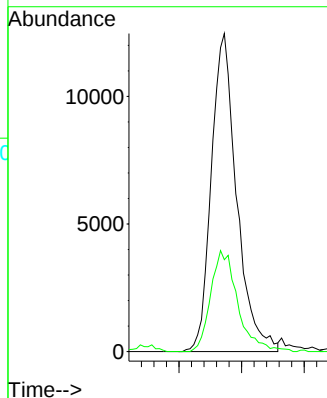
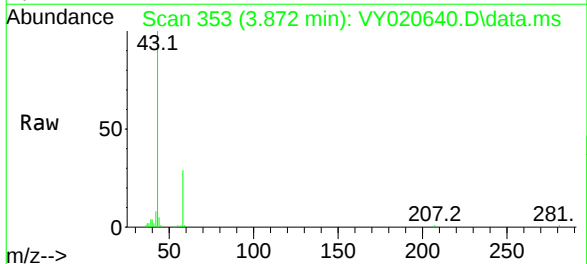
Instrument :
MSVOA_Y
ClientSampleId :
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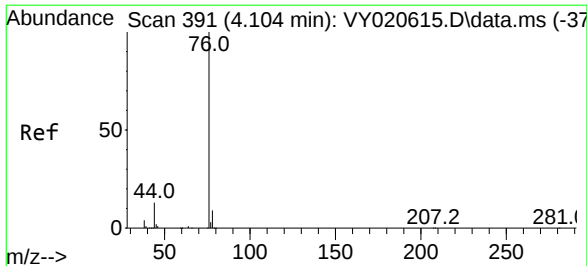
Tgt Ion:168 Resp: 223514
Ion Ratio Lower Upper
168 100
99 57.5 47.0 70.6



#16
Acetone
Concen: 67.492 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY020640.D
Acq: 18 Dec 2024 16:51

Tgt Ion: 43 Resp: 35108
Ion Ratio Lower Upper
43 100
58 28.9 25.0 37.6

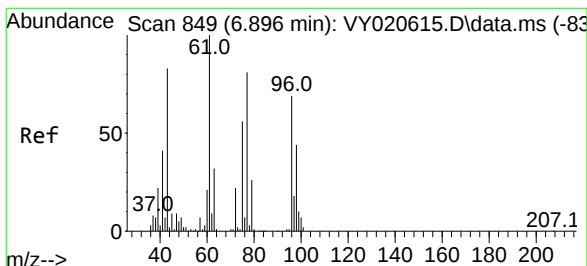
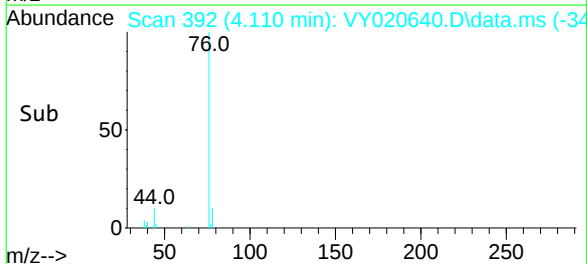
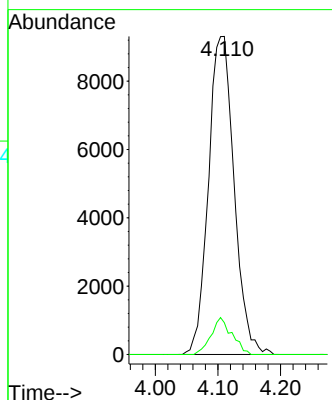
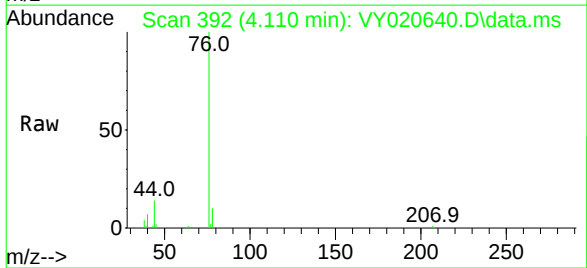




#17
Carbon Disulfide
Concen: 2.910 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY020640.D
Acq: 18 Dec 2024 16:51

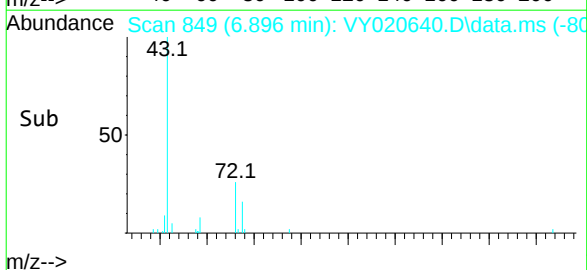
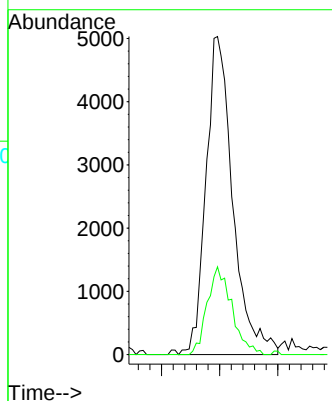
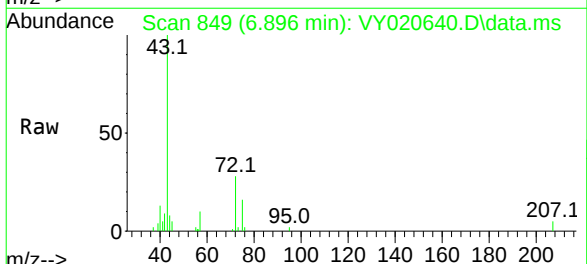
Instrument :
MSVOA_Y
ClientSampleId :
SB-01

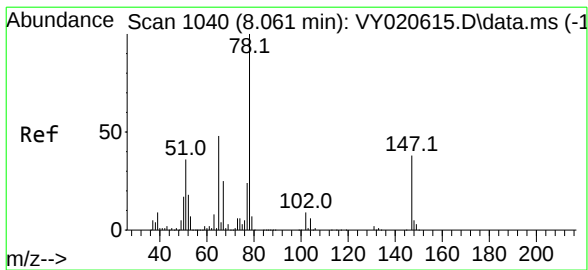
Tgt Ion: 76 Resp: 26537
Ion Ratio Lower Upper
76 100
78 10.0 7.2 10.8



#25
2-Butanone
Concen: 17.716 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY020640.D
Acq: 18 Dec 2024 16:51

Tgt Ion: 43 Resp: 16117
Ion Ratio Lower Upper
43 100
72 27.6 20.6 31.0

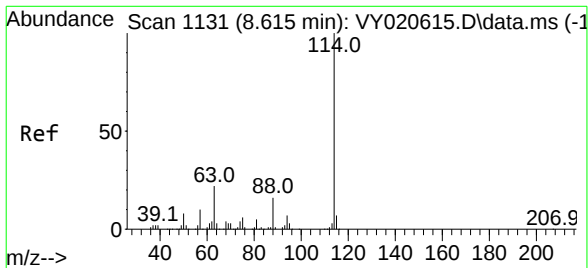
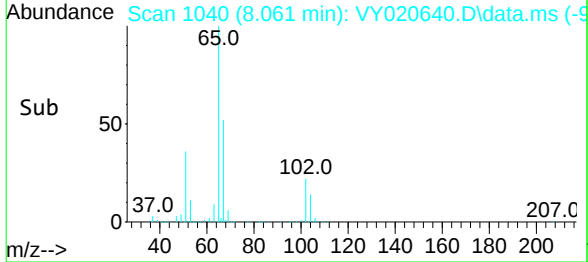
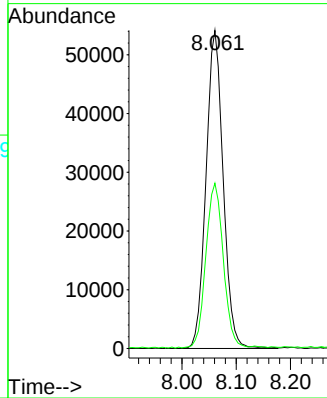
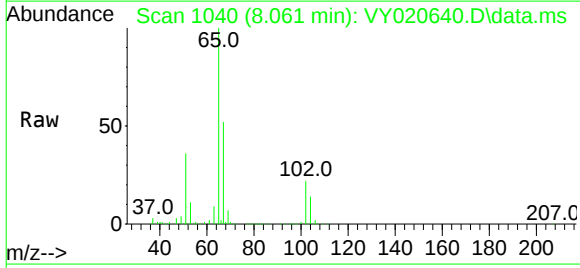




#33
1,2-Dichloroethane-d4
Concen: 48.622 ug/l
RT: 8.061 min Scan# 10
Delta R.T. 0.000 min
Lab File: VY020640.D
Acq: 18 Dec 2024 16:51

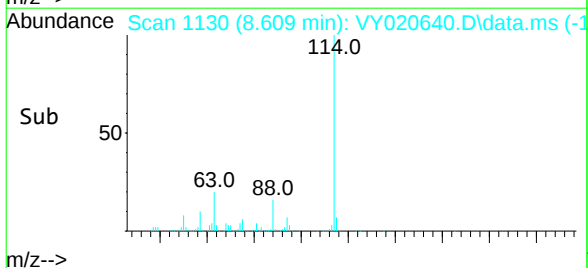
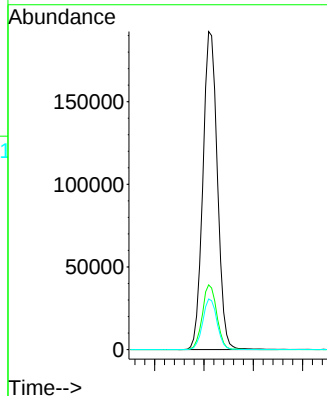
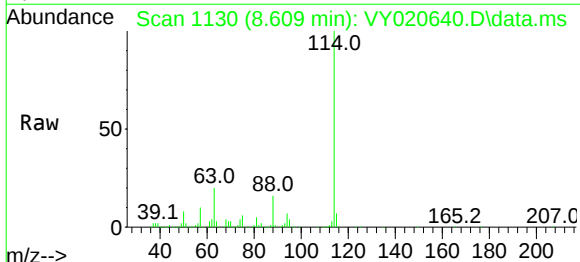
Instrument :
MSVOA_Y
ClientSampleId :
SB-01

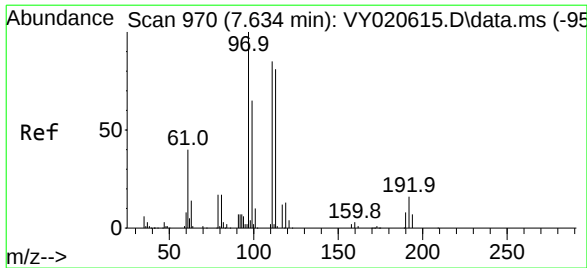
Tgt Ion: 65 Resp: 119025
Ion Ratio Lower Upper
65 100
67 52.9 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VY020640.D
Acq: 18 Dec 2024 16:51

Tgt Ion: 114 Resp: 392391
Ion Ratio Lower Upper
114 100
63 20.3 0.0 44.0
88 15.9 0.0 32.8

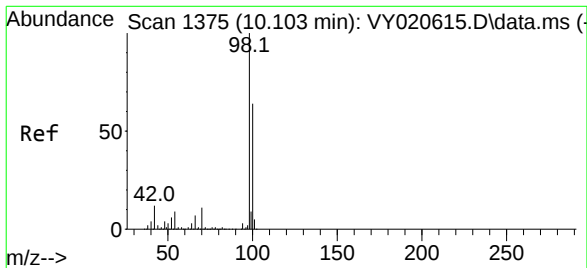
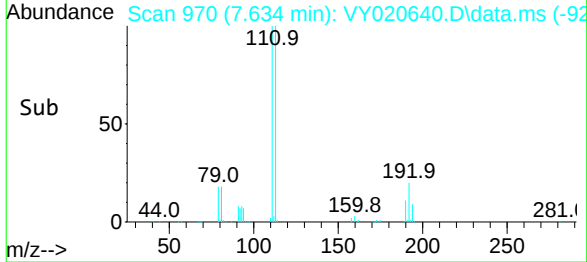
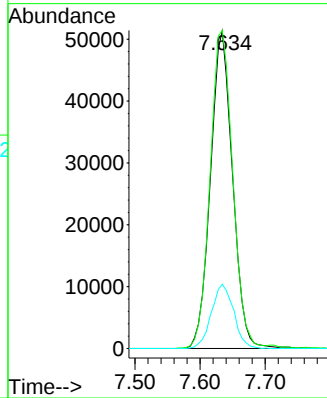
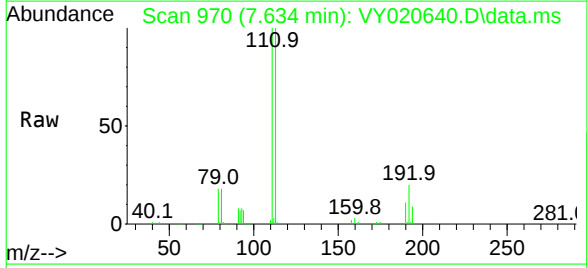




#35
Dibromofluoromethane
Concen: 43.630 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020640.D
Acq: 18 Dec 2024 16:51

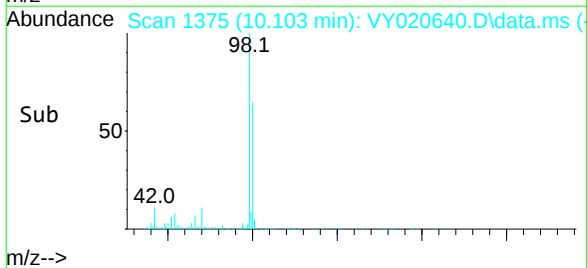
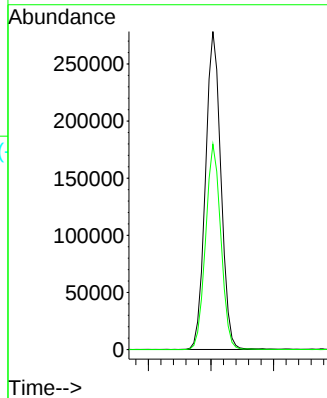
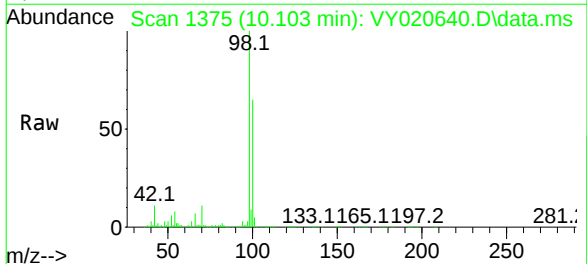
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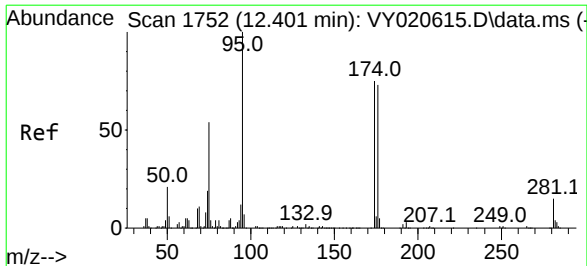
Tgt Ion: 113 Resp: 120658
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 20.5 15.7 23.5



#50
Toluene-d8
Concen: 49.181 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY020640.D
Acq: 18 Dec 2024 16:51

Tgt Ion: 98 Resp: 476055
Ion Ratio Lower Upper
98 100
100 63.9 52.1 78.1

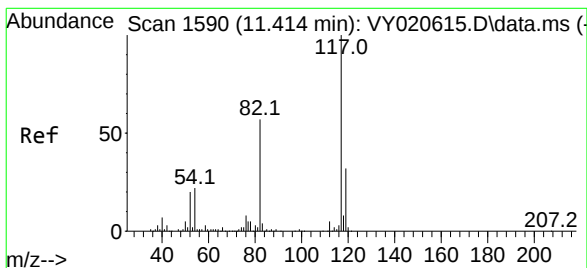
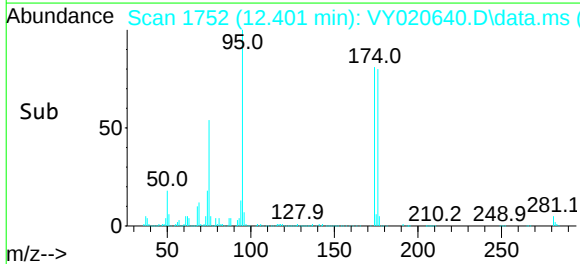
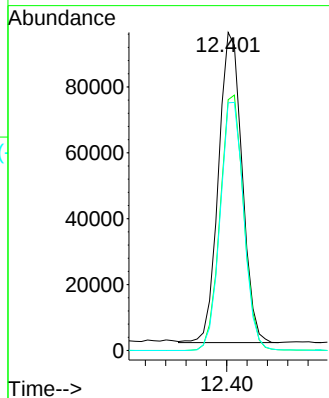
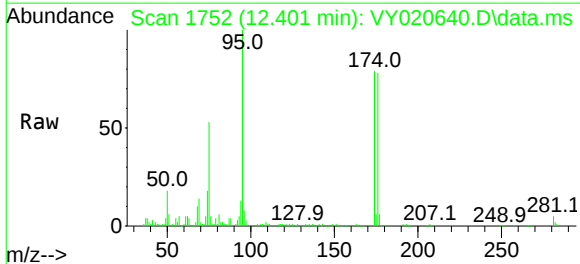




#62
4-Bromofluorobenzene
Concen: 40.024 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY020640.D
Acq: 18 Dec 2024 16:51

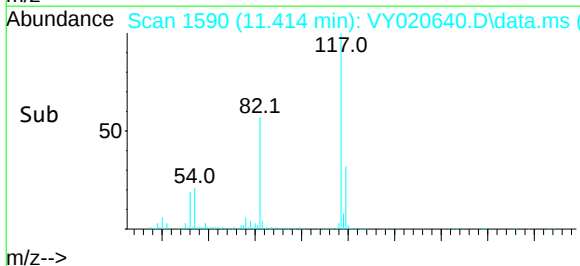
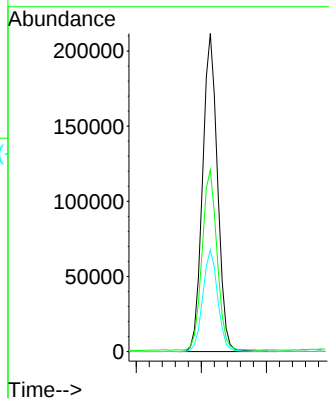
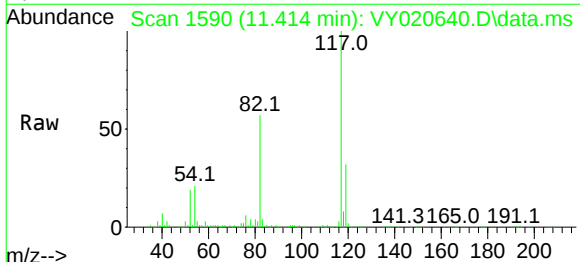
Instrument :
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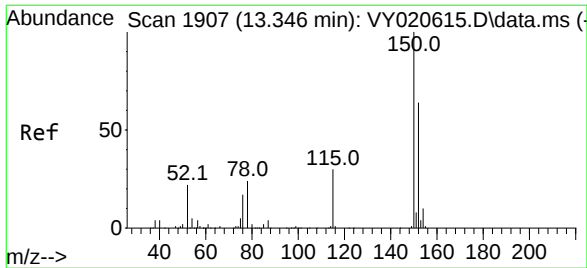
Tgt Ion: 95 Resp: 151545
Ion Ratio Lower Upper
95 100
174 82.1 0.0 161.8
176 80.1 0.0 156.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY020640.D
Acq: 18 Dec 2024 16:51

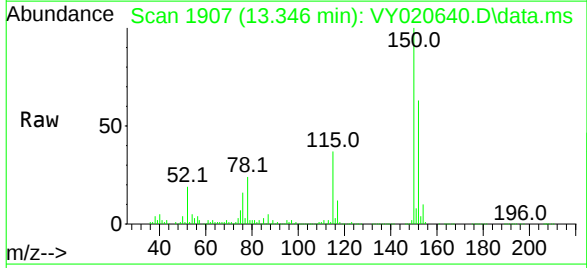
Tgt Ion: 117 Resp: 337704
Ion Ratio Lower Upper
117 100
82 56.6 45.8 68.6
119 31.9 25.3 37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VY020640.D
 Acq: 18 Dec 2024 16:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01



Tgt Ion:	152	Resp:	138439
Ion	Ratio	Lower	Upper
152	100		
115	59.9	30.2	90.6
150	158.0	0.0	355.4

