

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120523\
 Data File : VY016602.D
 Acq On : 05 Dec 2023 17:30
 Operator : SY/MD
 Sample : 05599-11
 Misc : 4.38g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LKWD-BACKFILL-06

Quant Time: Dec 06 02:27:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 01:24:25 2023
 Response via : Initial Calibration

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

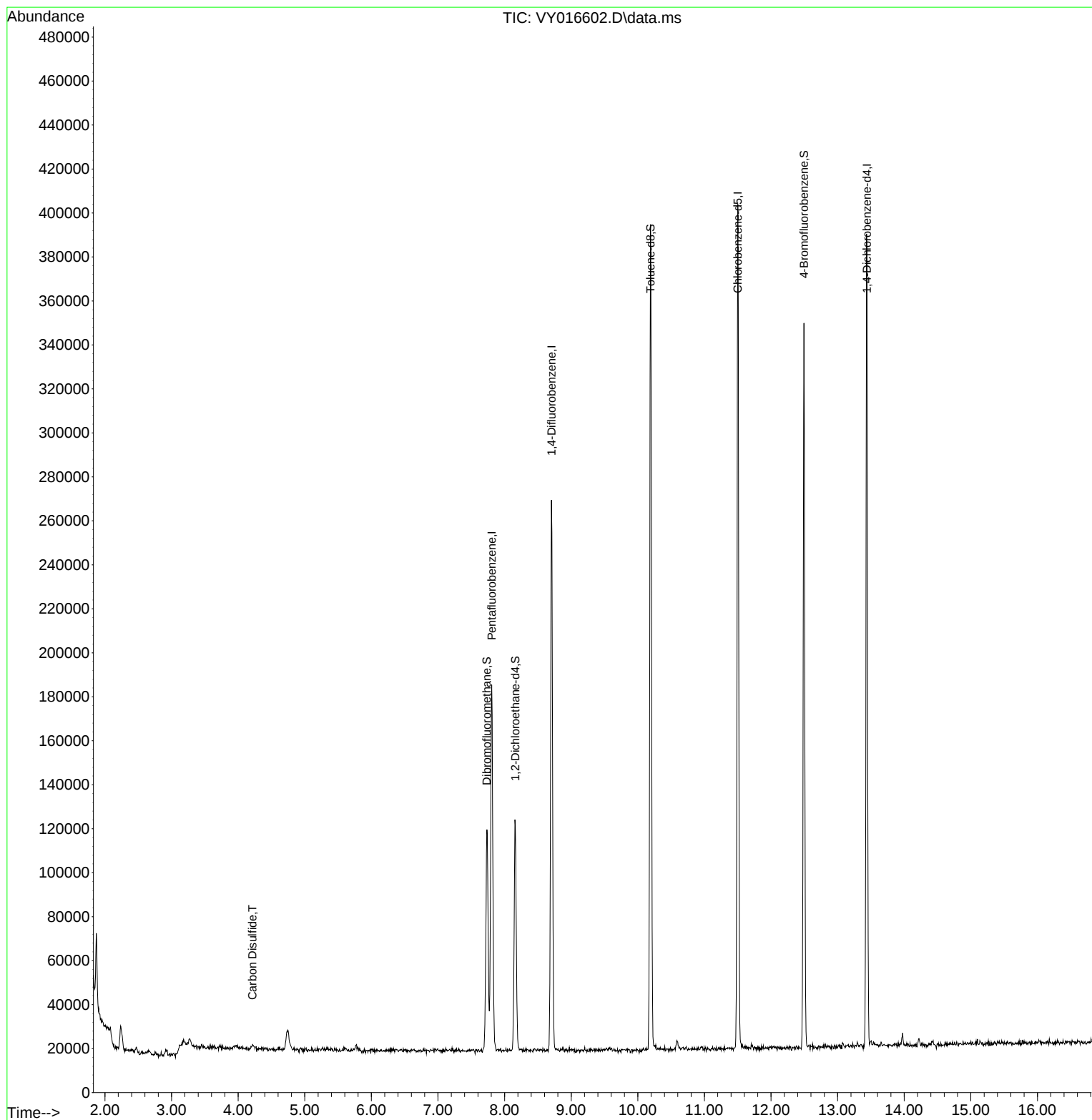
Internal Standards						
1) Pentafluorobenzene	7.807	168	133692	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	219737	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	213081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	101292	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	86467	69.976	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.960%	
35) Dibromofluoromethane	7.734	113	70418	53.251	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.500%	
50) Toluene-d8	10.191	98	251398	50.260	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.520%	
62) 4-Bromofluorobenzene	12.495	95	90391	54.952	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.900%	
Target Compounds						
17) Carbon Disulfide	4.216	76	4120	1.237	ug/l	Qvalue # 93

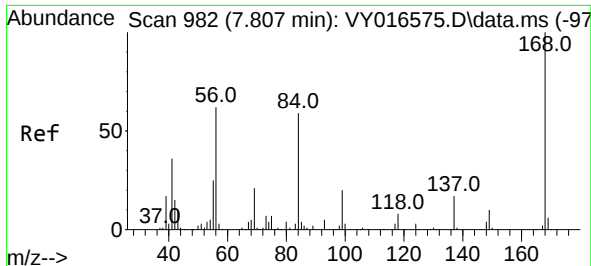
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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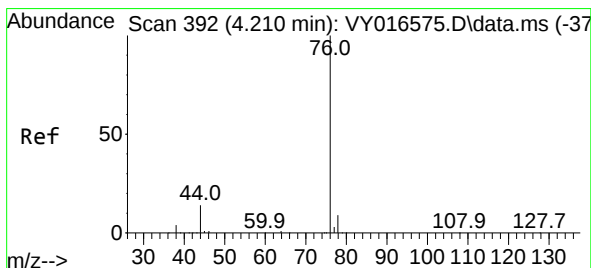
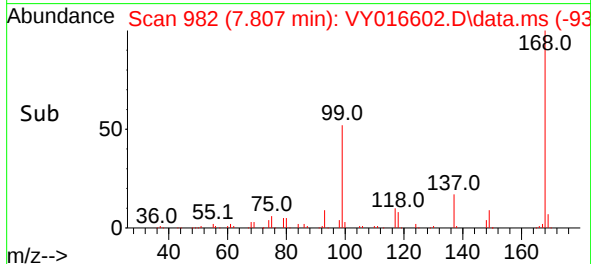
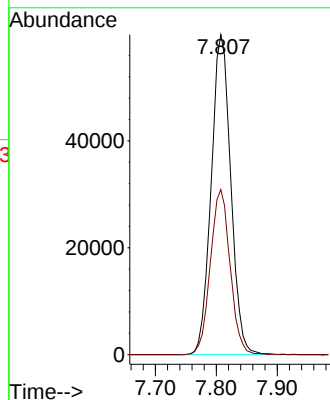
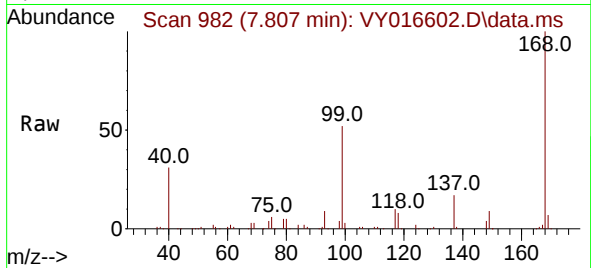




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016602.D
Acq: 05 Dec 2023 17:30

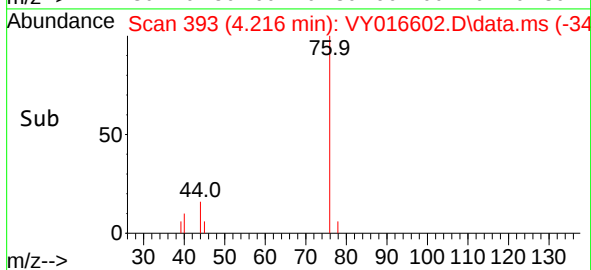
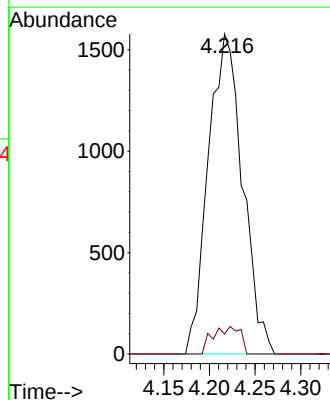
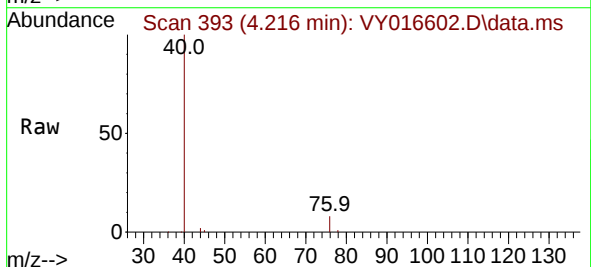
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-06

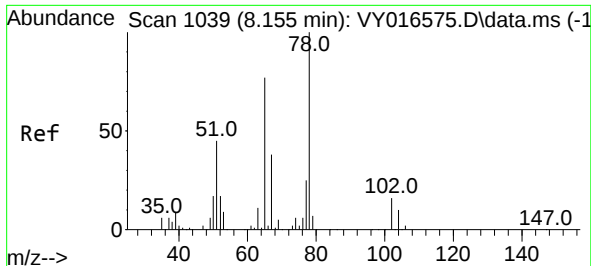
Tgt Ion:168 Resp: 133692
Ion Ratio Lower Upper
168 100
99 51.6 43.4 65.0



#17
Carbon Disulfide
Concen: 1.237 ug/l
RT: 4.216 min Scan# 393
Delta R.T. 0.006 min
Lab File: VY016602.D
Acq: 05 Dec 2023 17:30

Tgt Ion: 76 Resp: 4120
Ion Ratio Lower Upper
76 100
78 6.3 7.0 10.4#

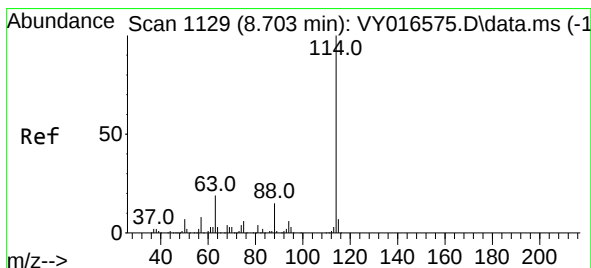
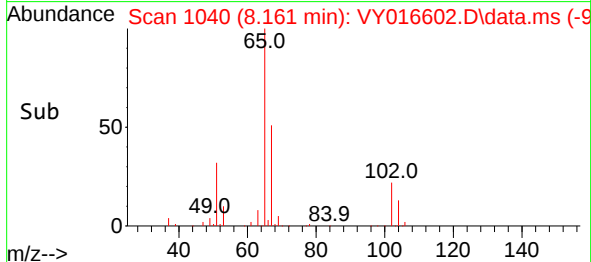
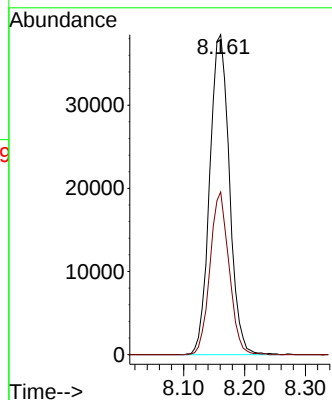
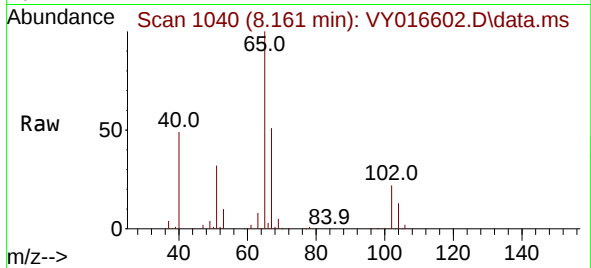




#33
 1,2-Dichloroethane-d4
 Concen: 69.976 ug/l
 RT: 8.161 min Scan# 1040
 Delta R.T. 0.006 min
 Lab File: VY016602.D
 Acq: 05 Dec 2023 17:30

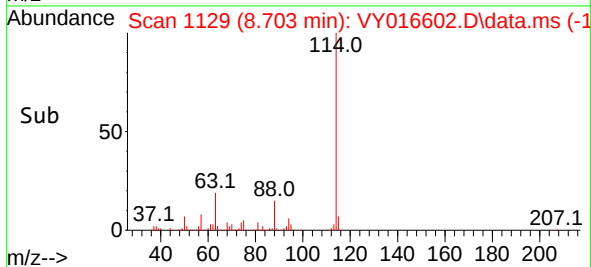
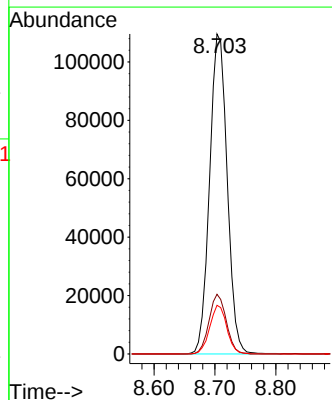
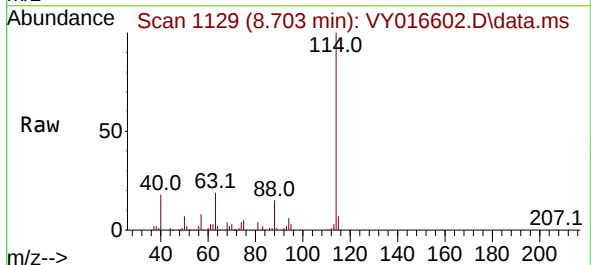
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 LKWD-BACKFILL-06

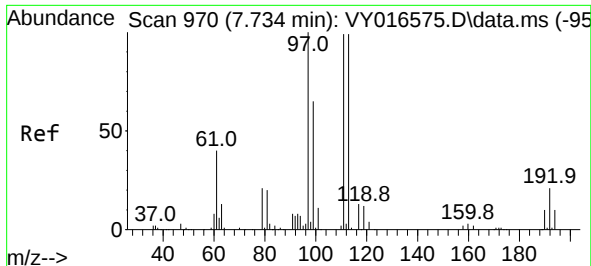
Tgt Ion: 65 Resp: 86467
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VY016602.D
 Acq: 05 Dec 2023 17:30

Tgt Ion: 114 Resp: 219737
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 42.4
 88 15.2 0.0 30.6

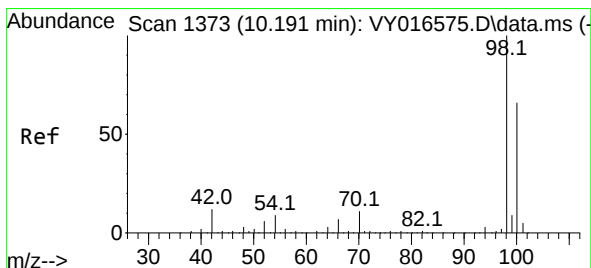
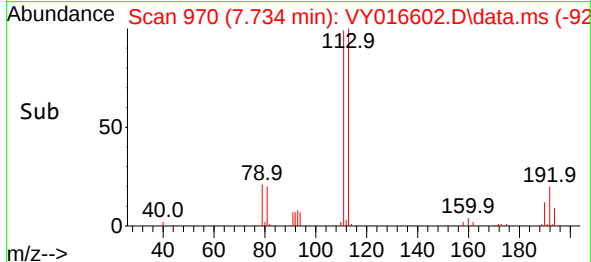
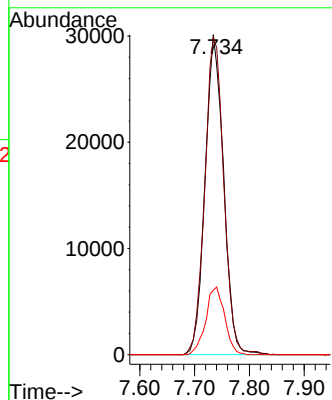
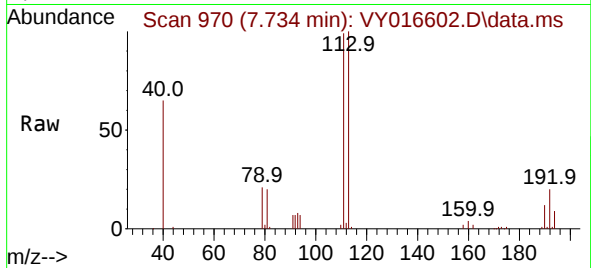




#35
 Dibromofluoromethane
 Concen: 53.251 ug/l
 RT: 7.734 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY016602.D
 Acq: 05 Dec 2023 17:30

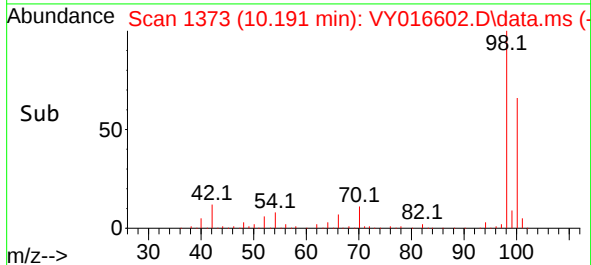
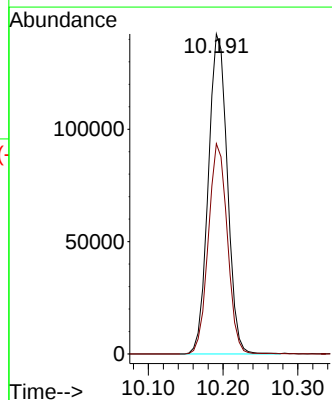
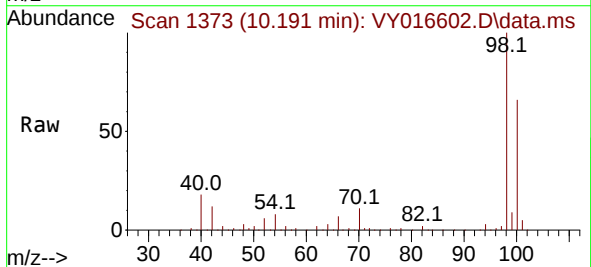
Instrument :
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 LKWD-BACKFILL-06

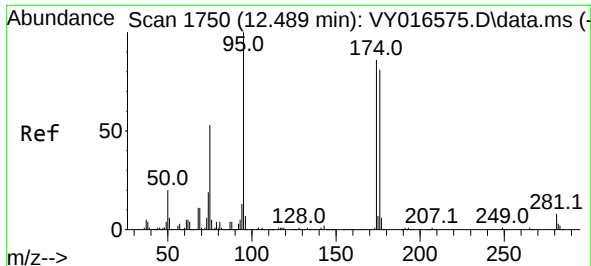
Tgt Ion:	113	Resp:	70418
Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.3	121.9
192	21.6	16.9	25.3



#50
 Toluene-d8
 Concen: 50.260 ug/l
 RT: 10.191 min Scan# 1373
 Delta R.T. -0.000 min
 Lab File: VY016602.D
 Acq: 05 Dec 2023 17:30

Tgt Ion:	98	Resp:	251398
Ion	Ratio	Lower	Upper
98	100		
100	65.7	50.1	75.1

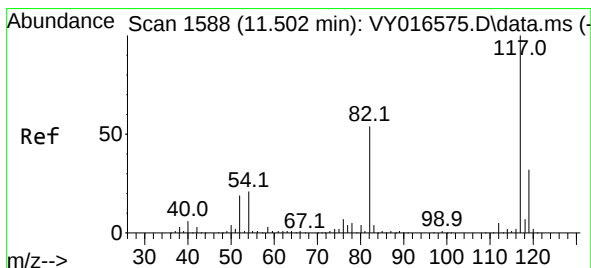
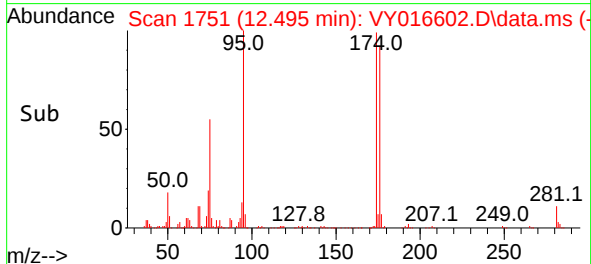
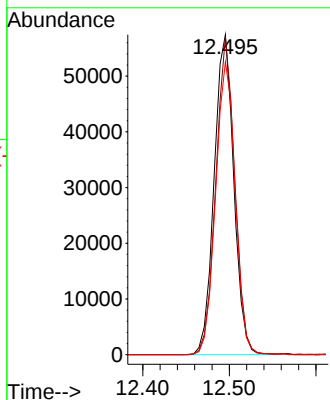
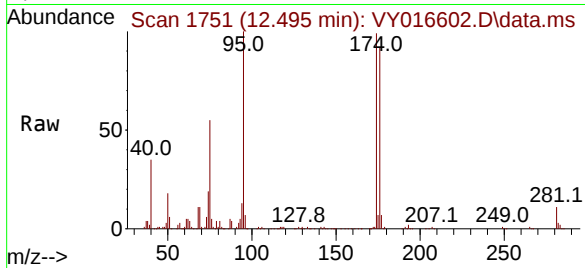




#62
4-Bromofluorobenzene
Concen: 54.952 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016602.D
Acq: 05 Dec 2023 17:30

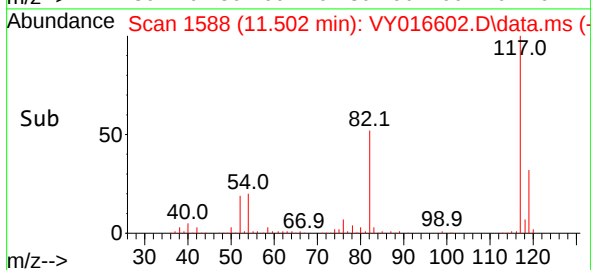
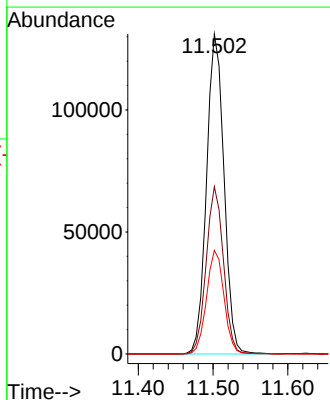
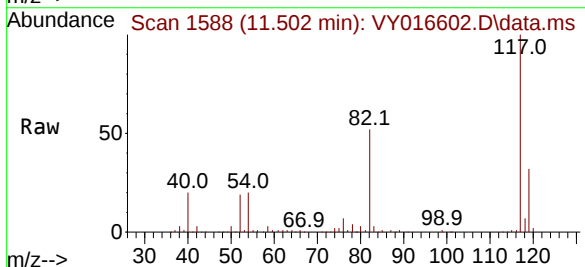
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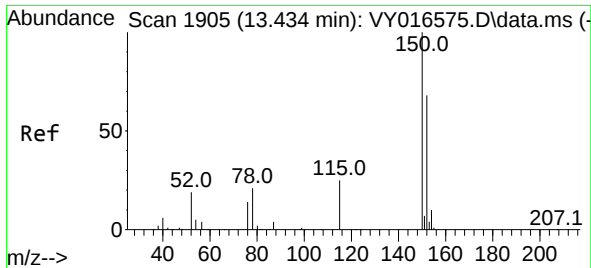
Tgt Ion: 95 Resp: 90391
Ion Ratio Lower Upper
95 100
174 96.2 0.0 178.2
176 91.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016602.D
Acq: 05 Dec 2023 17:30

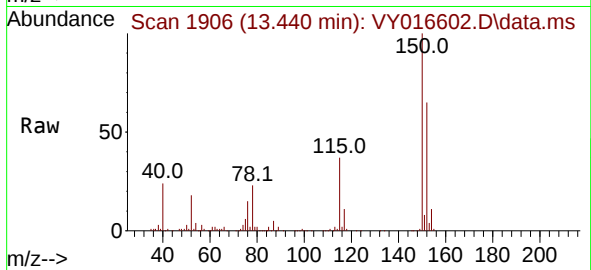
Tgt Ion: 117 Resp: 213081
Ion Ratio Lower Upper
117 100
82 52.3 43.4 65.0
119 32.4 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. 0.006 min
 Lab File: VY016602.D
 Acq: 05 Dec 2023 17:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 LKWD-BACKFILL-06



Tgt Ion:152 Resp: 101292

Ion	Ratio	Lower	Upper
152	100		
115	56.8	28.8	86.5
150	155.0	0.0	348.8

