

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120623\
 Data File : VY016614.D
 Acq On : 06 Dec 2023 14:33
 Operator : SY/MD
 Sample : 05599-03RE
 Misc : 4.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LKWD-BACKFILL-02RE

Quant Time: Dec 07 00:33:33 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)

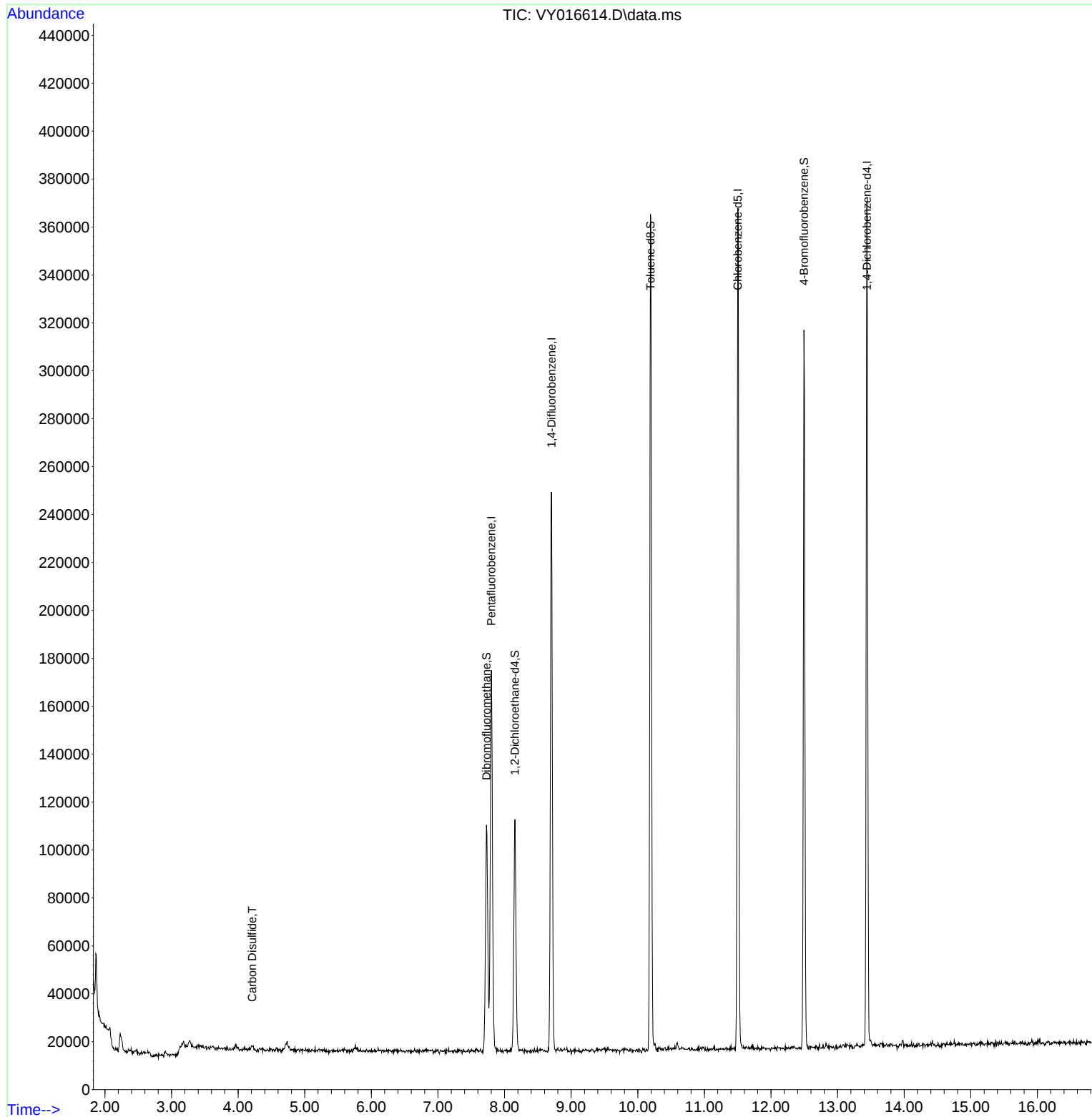
Internal Standards						
1) Pentafluorobenzene	7.801	168	126989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	204117	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	198324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	97192	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	80122	68.263	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.520%	
35) Dibromofluoromethane	7.728	113	64300	52.345	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.700%	
50) Toluene-d8	10.191	98	237699	51.157	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.320%	
62) 4-Bromofluorobenzene	12.496	95	85277	55.810	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.620%	
Target Compounds						
17) Carbon Disulfide	4.210	76	3352	1.059	ug/l	Qvalue # 87

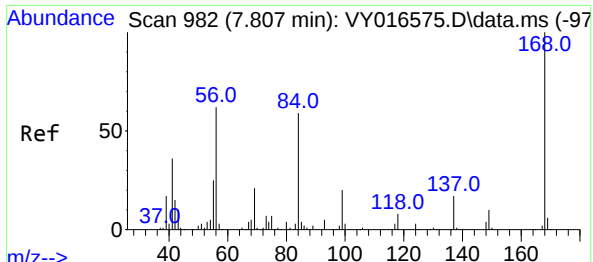
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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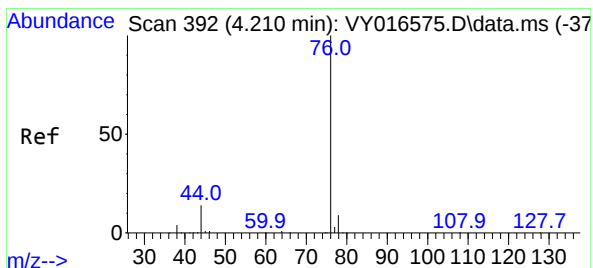
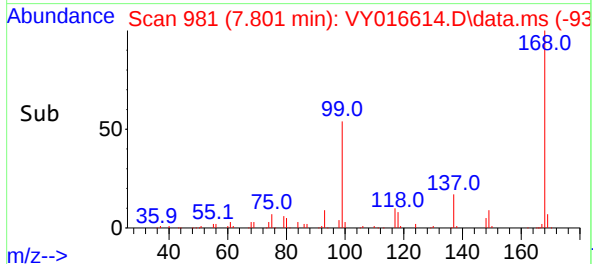
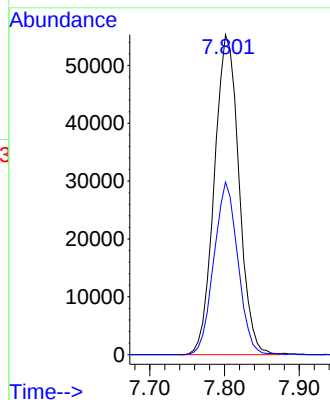
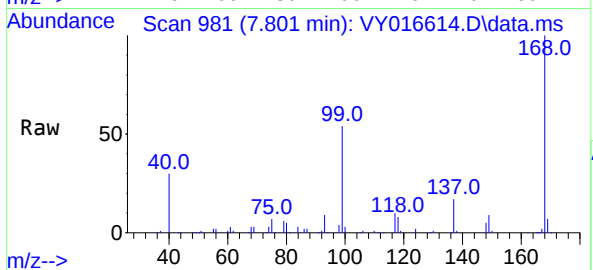




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016614.D
Acq: 06 Dec 2023 14:33

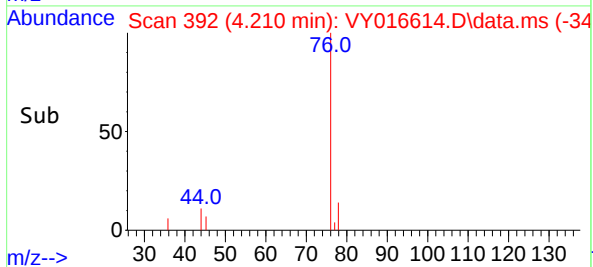
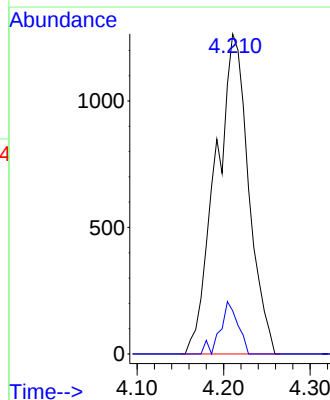
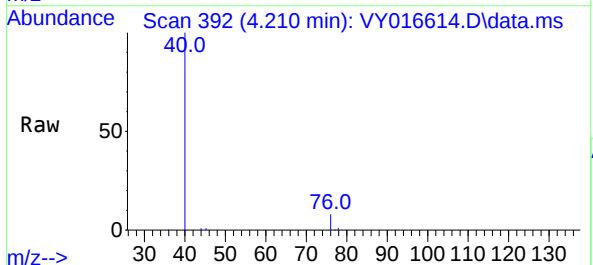
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-02RE

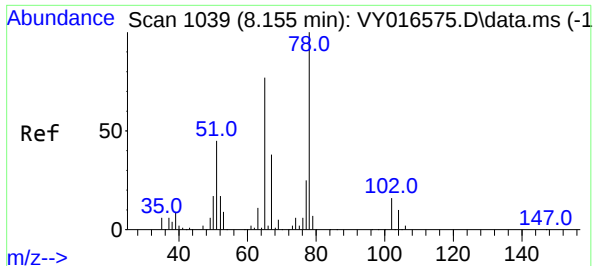
Tgt Ion:168 Resp: 126989
Ion Ratio Lower Upper
168 100
99 54.0 43.4 65.0



#17
Carbon Disulfide
Concen: 1.059 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY016614.D
Acq: 06 Dec 2023 14:33

Tgt Ion: 76 Resp: 3352
Ion Ratio Lower Upper
76 100
78 13.5 7.0 10.4#

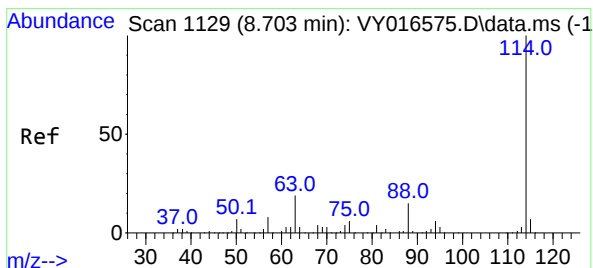
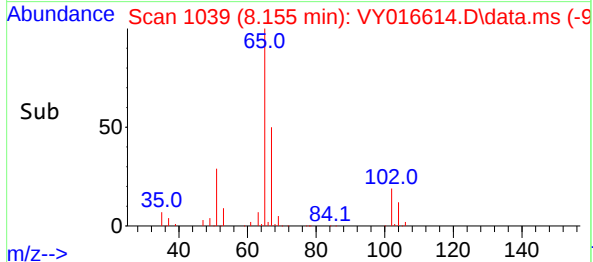
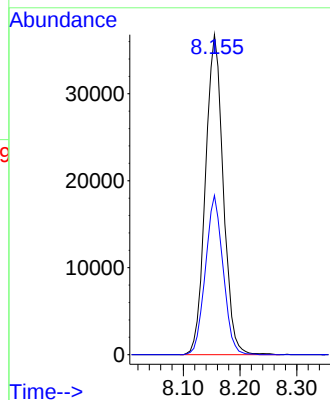
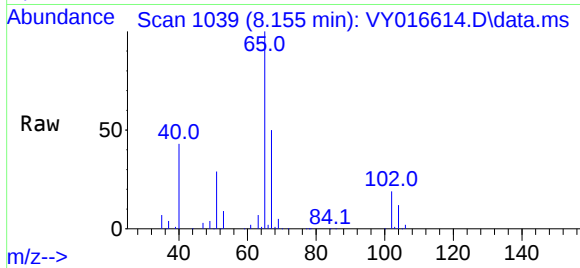




#33
1,2-Dichloroethane-d4
Concen: 68.263 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY016614.D
Acq: 06 Dec 2023 14:33

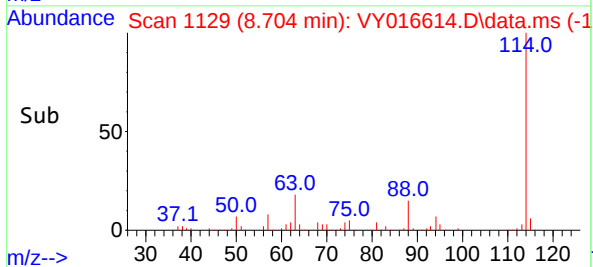
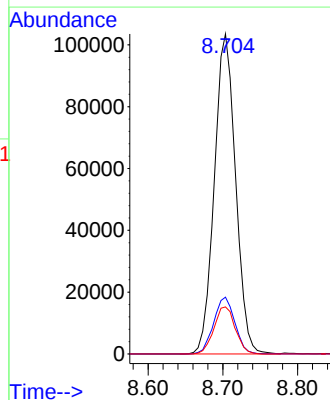
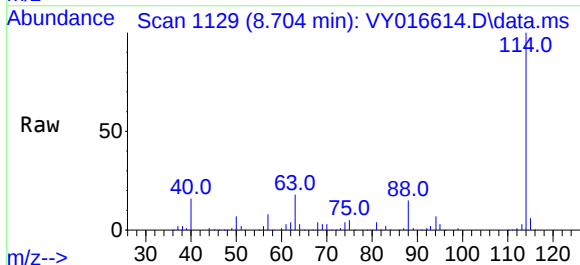
Instrument :
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ClientSampleId :
LKWD-BACKFILL-02RE

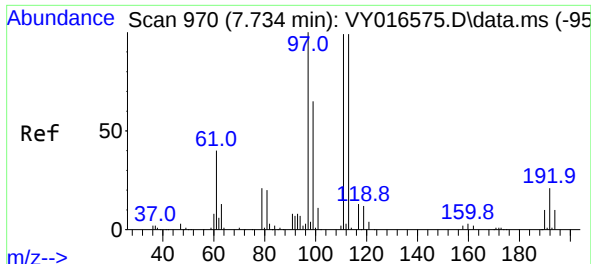
Tgt Ion: 65 Resp: 80122
Ion Ratio Lower Upper
65 100
67 49.3 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.704 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VY016614.D
Acq: 06 Dec 2023 14:33

Tgt Ion: 114 Resp: 204117
Ion Ratio Lower Upper
114 100
63 17.8 0.0 42.4
88 14.7 0.0 30.6

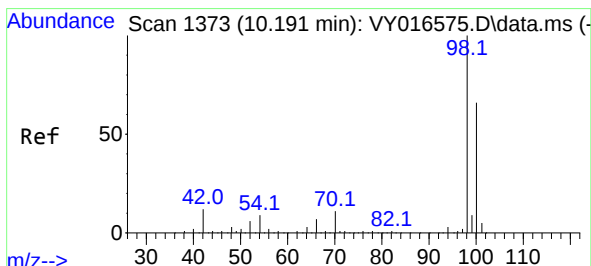
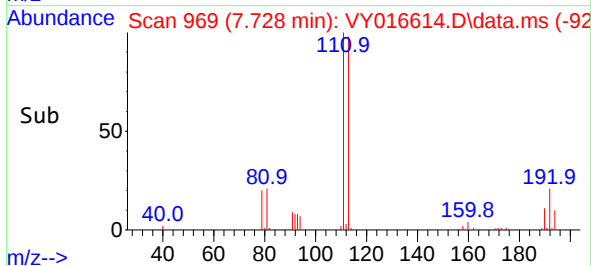
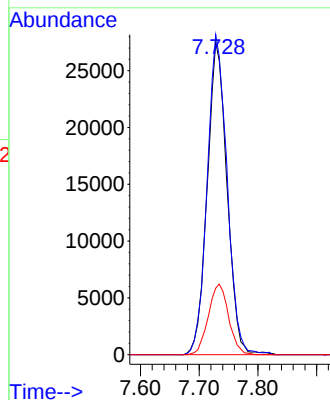
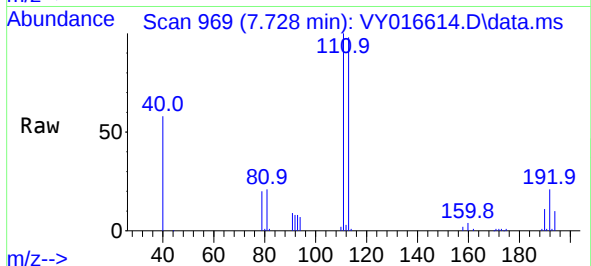




#35
Dibromofluoromethane
Concen: 52.345 ug/l
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016614.D
Acq: 06 Dec 2023 14:33

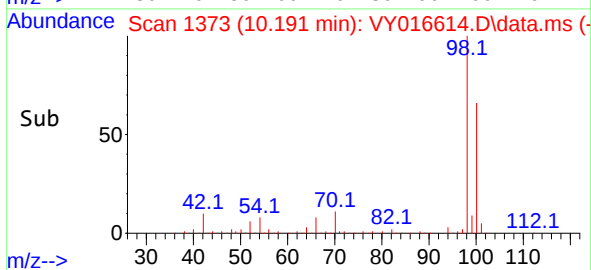
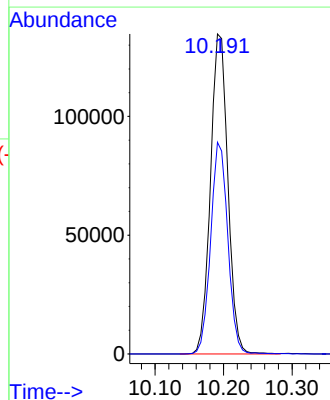
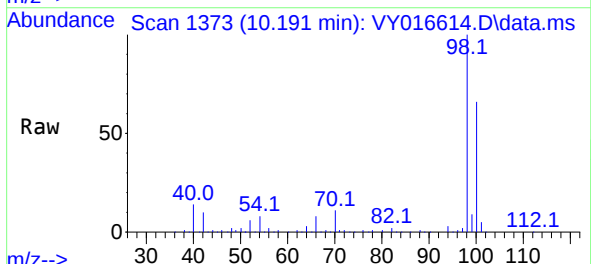
Instrument :
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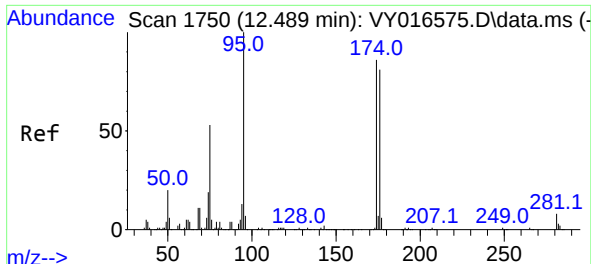
Tgt Ion:113 Resp: 64300
Ion Ratio Lower Upper
113 100
111 103.2 81.3 121.9
192 23.1 16.9 25.3



#50
Toluene-d8
Concen: 51.157 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.000 min
Lab File: VY016614.D
Acq: 06 Dec 2023 14:33

Tgt Ion: 98 Resp: 237699
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

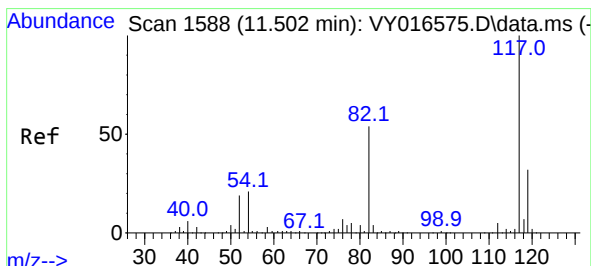
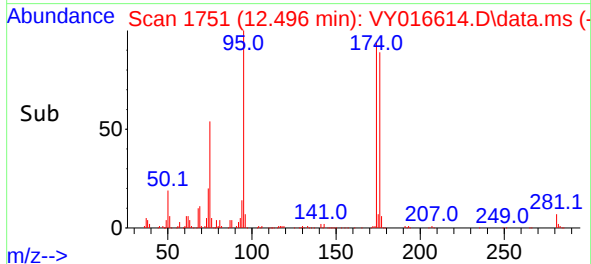
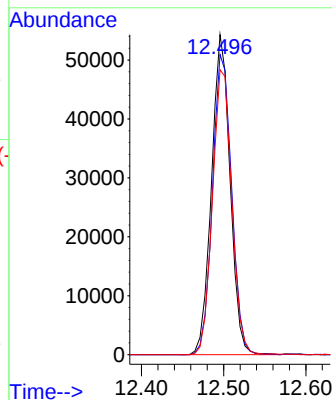
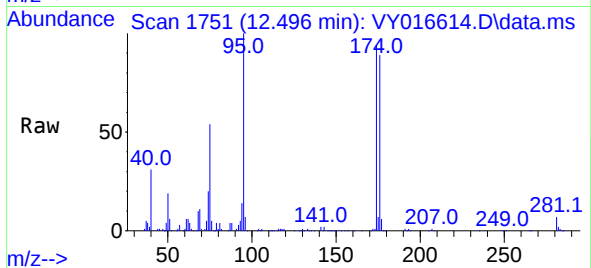




#62
4-Bromofluorobenzene
Concen: 55.810 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016614.D
Acq: 06 Dec 2023 14:33

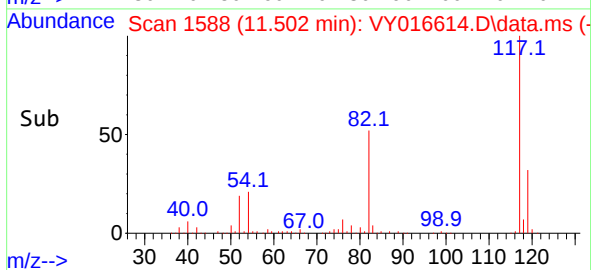
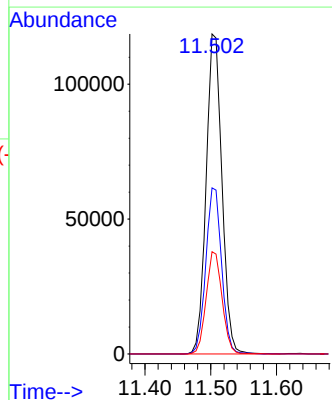
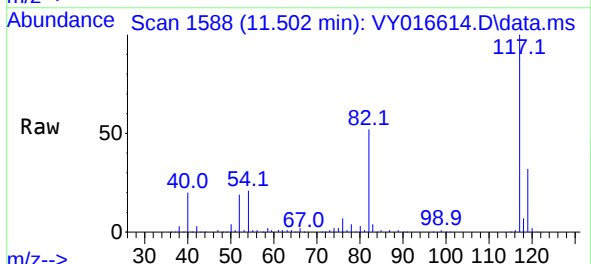
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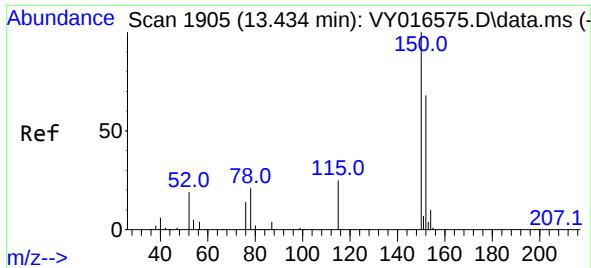
Tgt Ion: 95 Resp: 85277
Ion Ratio Lower Upper
95 100
174 96.3 0.0 178.2
176 92.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.000 min
Lab File: VY016614.D
Acq: 06 Dec 2023 14:33

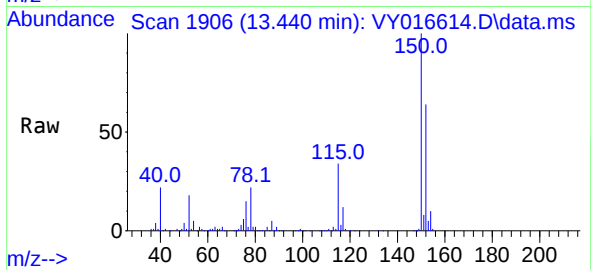
Tgt Ion: 117 Resp: 198324
Ion Ratio Lower Upper
117 100
82 51.9 43.4 65.0
119 31.9 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. 0.006 min
 Lab File: VY016614.D
 Acq: 06 Dec 2023 14:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 LKWD-BACKFILL-02RE



Tgt Ion:	152	Resp:	97192
Ion	Ratio	Lower	Upper
152	100		
115	56.2	28.8	86.5
150	155.4	0.0	348.8

