

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120623\
 Data File : VY016617.D
 Acq On : 06 Dec 2023 15:44
 Operator : SY/MD
 Sample : 05599-09RE
 Misc : 4.56g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LKWD-BACKFILL-05RE

Quant Time: Dec 07 00:34:39 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	126660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	206876	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	203874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	96313	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	82230	70.241	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.480%
35) Dibromofluoromethane	7.728	113	65792	52.846	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.700%
50) Toluene-d8	10.191	98	240197	51.006	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.020%
62) 4-Bromofluorobenzene	12.495	95	85860	55.442	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	110.880%

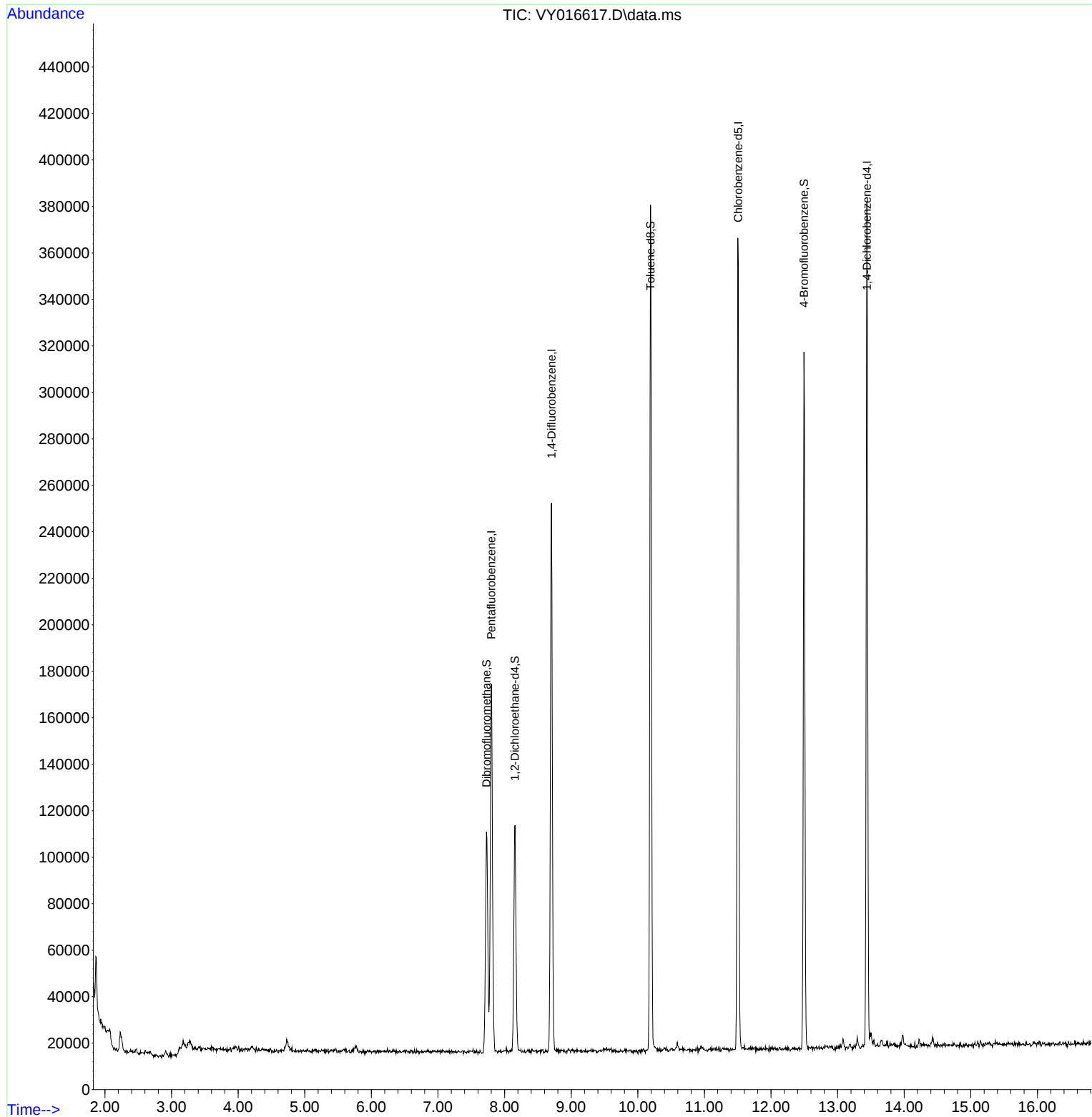
Target Compounds	Qvalue

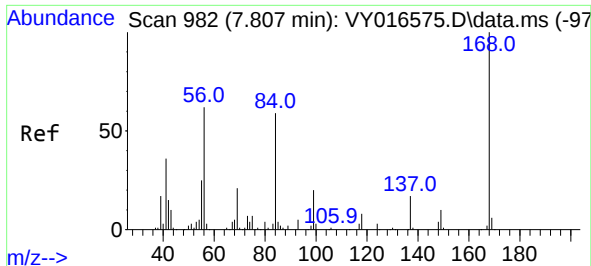
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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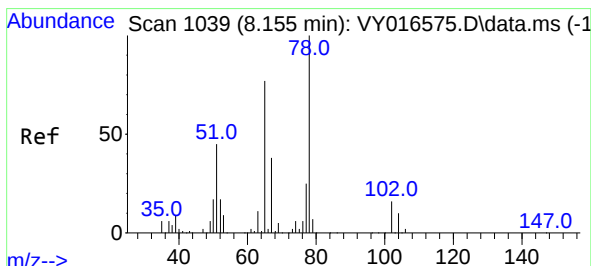
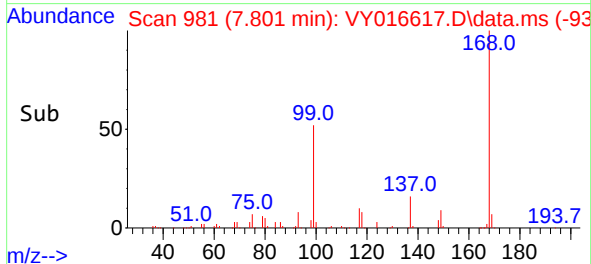
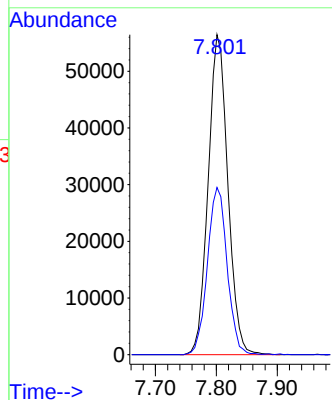
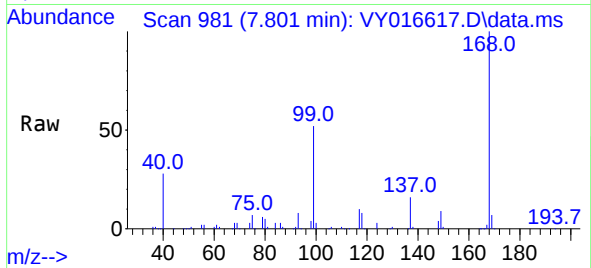




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016617.D
Acq: 06 Dec 2023 15:44

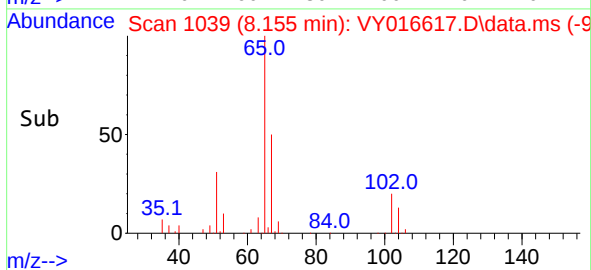
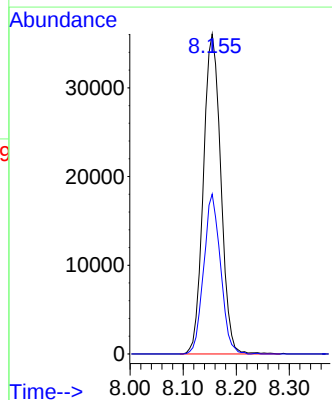
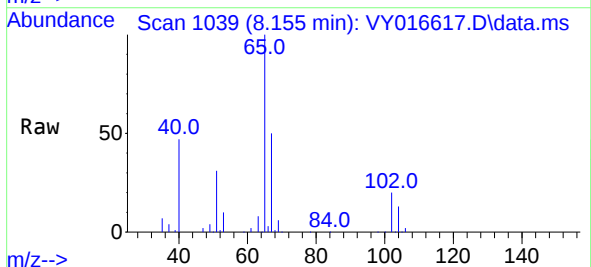
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-05RE

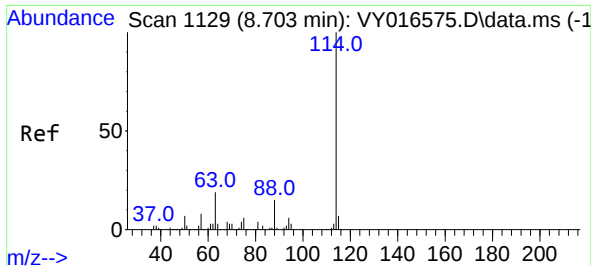
Tgt Ion:168 Resp: 126660
Ion Ratio Lower Upper
168 100
99 52.2 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 70.241 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016617.D
Acq: 06 Dec 2023 15:44

Tgt Ion: 65 Resp: 82230
Ion Ratio Lower Upper
65 100
67 48.2 0.0 101.8

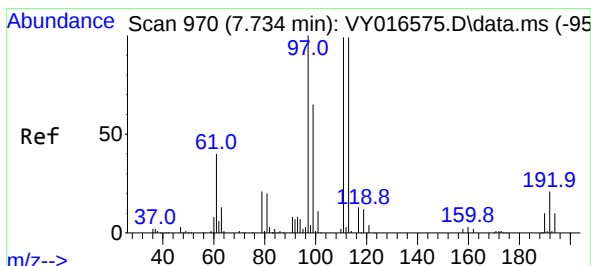
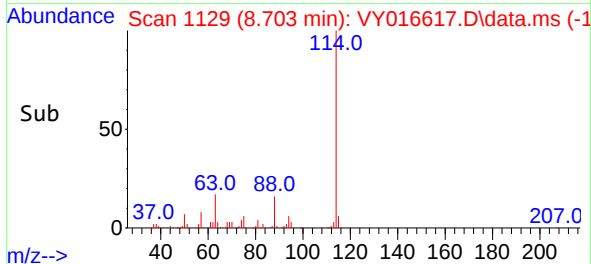
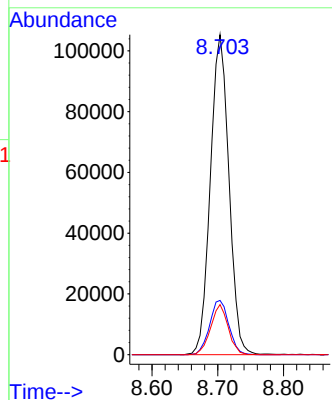
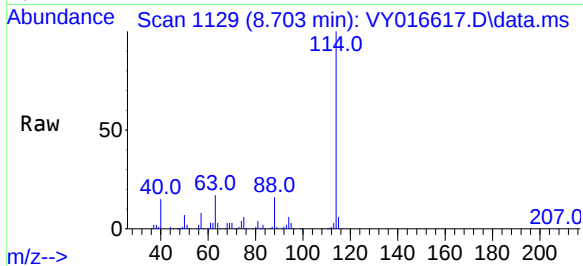




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VY016617.D
Acq: 06 Dec 2023 15:44

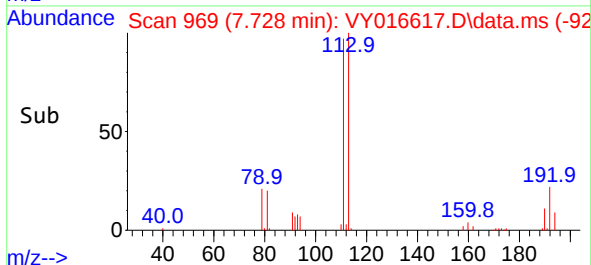
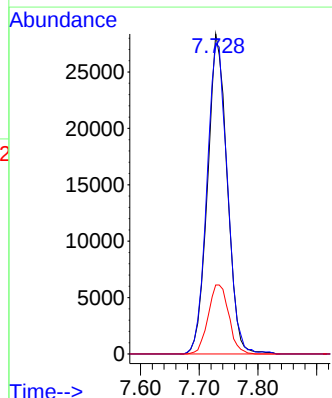
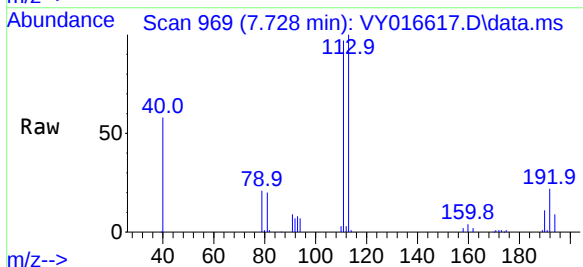
Instrument :
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ClientSampleId :
LKWD-BACKFILL-05RE

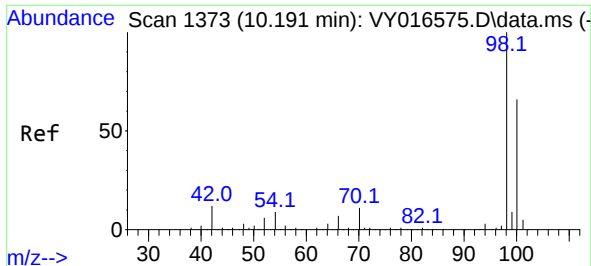
Tgt Ion:114 Resp: 206876
Ion Ratio Lower Upper
114 100
63 17.0 0.0 42.4
88 15.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.846 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY016617.D
Acq: 06 Dec 2023 15:44

Tgt Ion:113 Resp: 65792
Ion Ratio Lower Upper
113 100
111 101.3 81.3 121.9
192 22.7 16.9 25.3

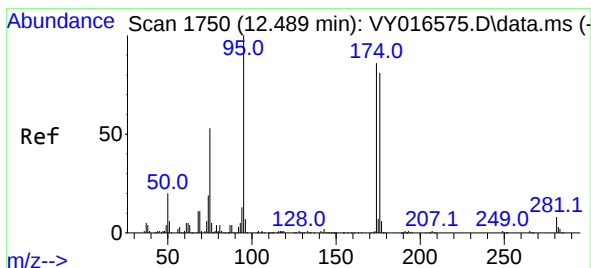
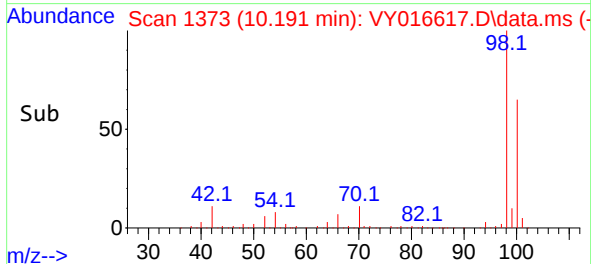
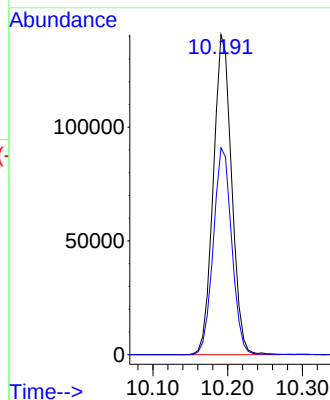
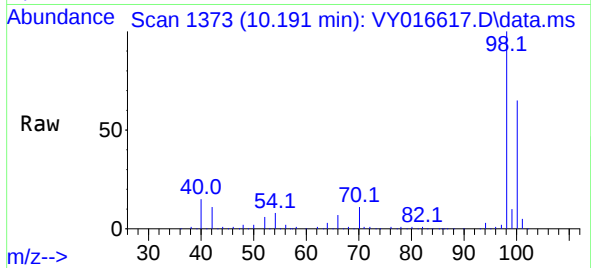




#50
Toluene-d8
Concen: 51.006 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016617.D
Acq: 06 Dec 2023 15:44

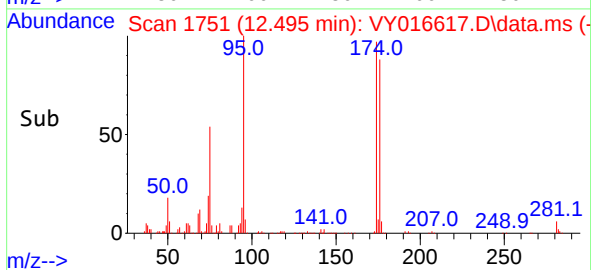
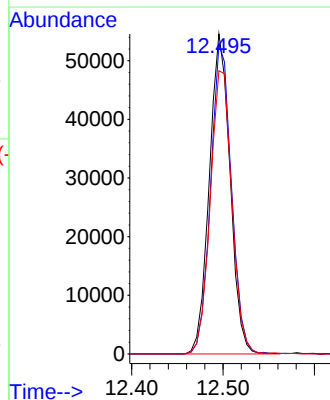
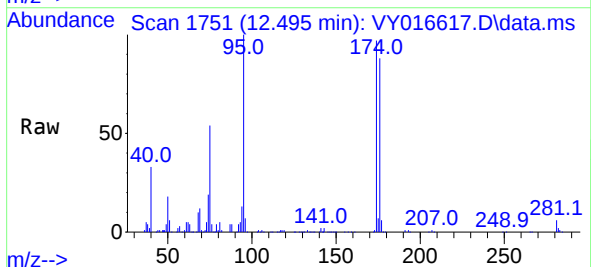
Instrument :
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ClientSampleId :
LKWD-BACKFILL-05RE

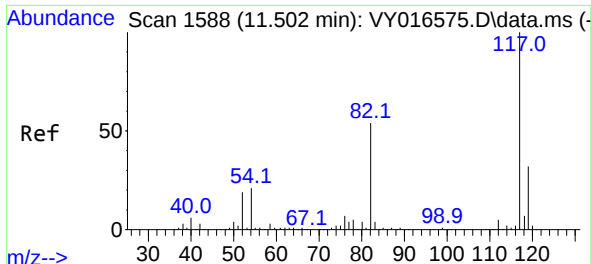
Tgt Ion: 98 Resp: 240197
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 55.442 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016617.D
Acq: 06 Dec 2023 15:44

Tgt Ion: 95 Resp: 85860
Ion Ratio Lower Upper
95 100
174 97.1 0.0 178.2
176 92.5 0.0 173.8

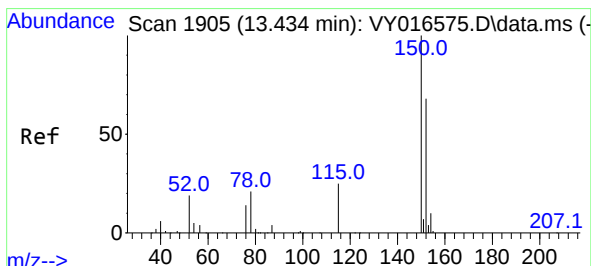
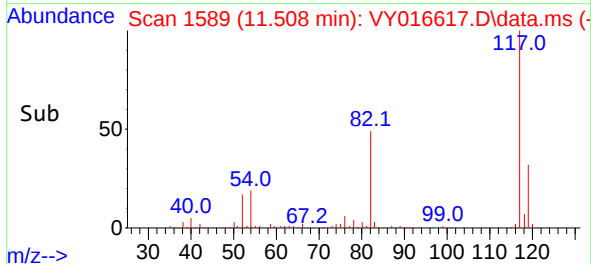
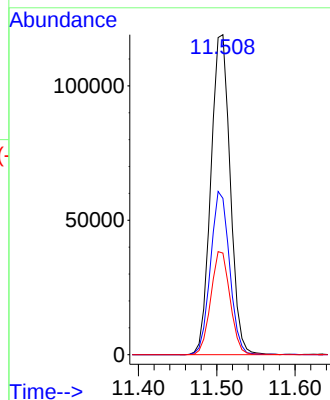
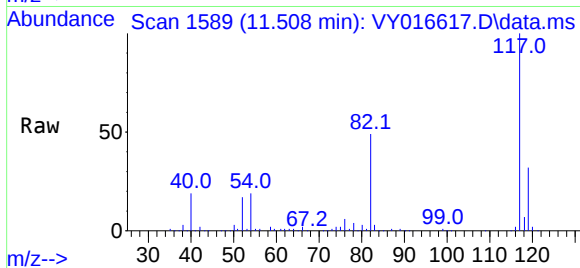




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016617.D
Acq: 06 Dec 2023 15:44

Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-05RE

Tgt Ion:117 Resp: 203874
Ion Ratio Lower Upper
117 100
82 48.8 43.4 65.0
119 31.8 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: VY016617.D
Acq: 06 Dec 2023 15:44

Tgt Ion:152 Resp: 96313
Ion Ratio Lower Upper
152 100
115 56.7 28.8 86.5
150 159.1 0.0 348.8

