

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120523\
 Data File : VY016598.D
 Acq On : 05 Dec 2023 15:56
 Operator : SY/MD
 Sample : 05599-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LKWD-BACKFILL-02

Quant Time: Dec 06 02:26:03 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	7.813	168	137685	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	227927	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	217853	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	104149	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	88177	69.290	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.580%
35) Dibromofluoromethane	7.740	113	71234	51.932	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.860%
50) Toluene-d8	10.197	98	263272	50.742	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.480%
62) 4-Bromofluorobenzene	12.495	95	93229	54.640	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	109.280%

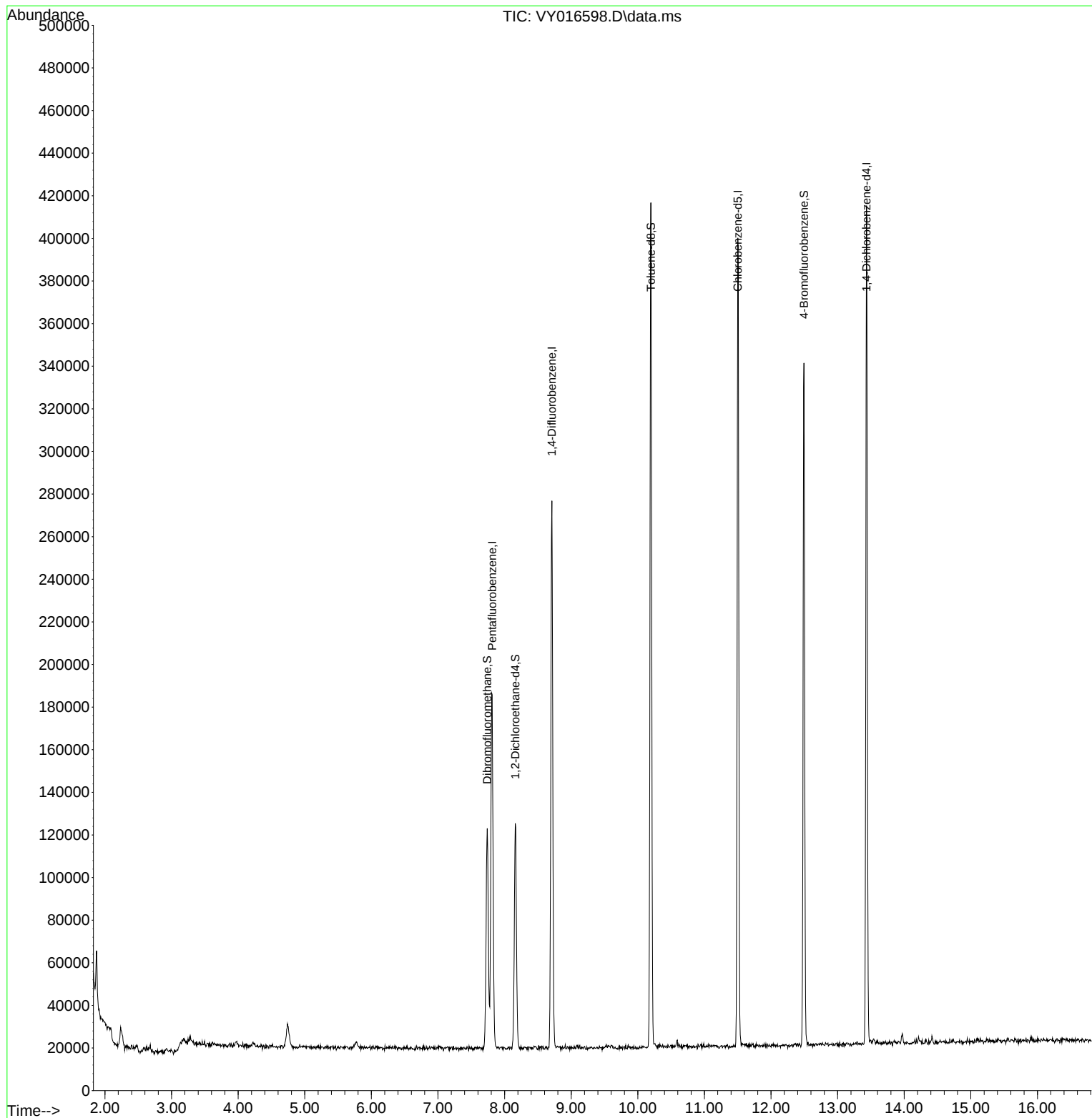
Target Compounds	Qvalue

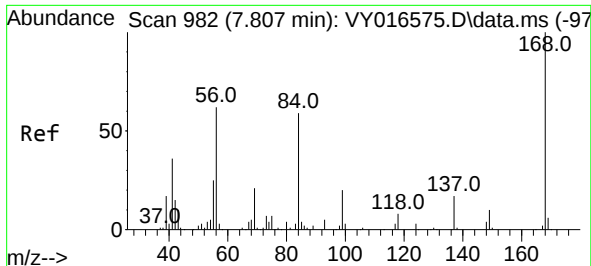
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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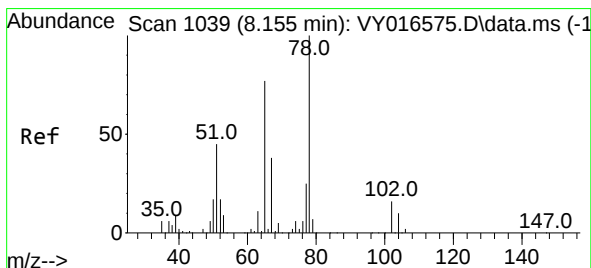
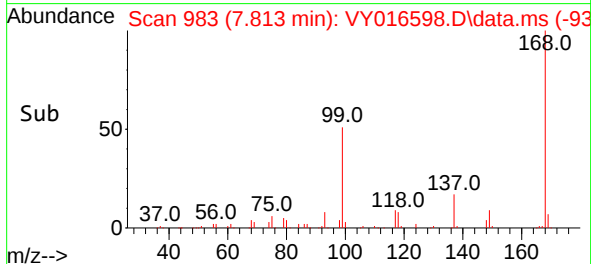
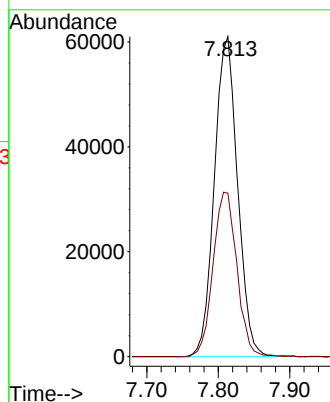
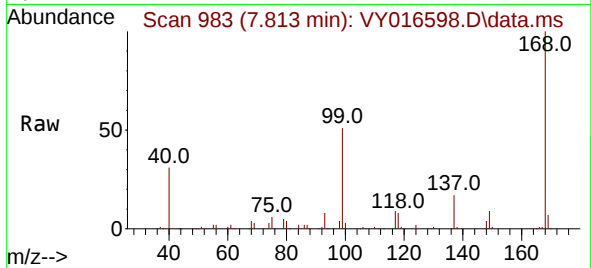




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016598.D
Acq: 05 Dec 2023 15:56

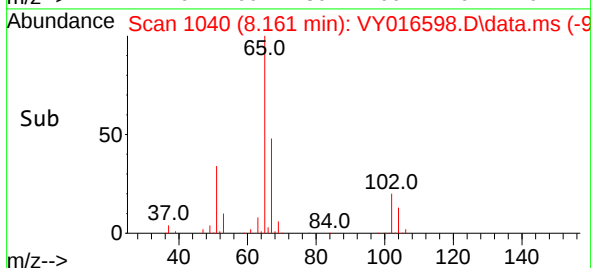
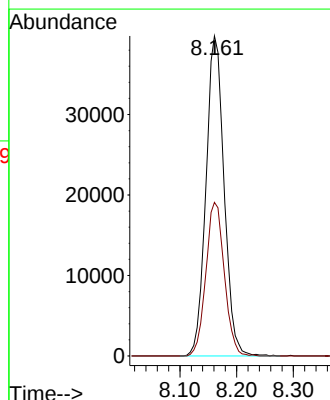
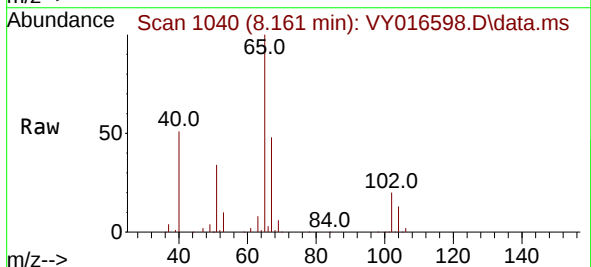
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-02

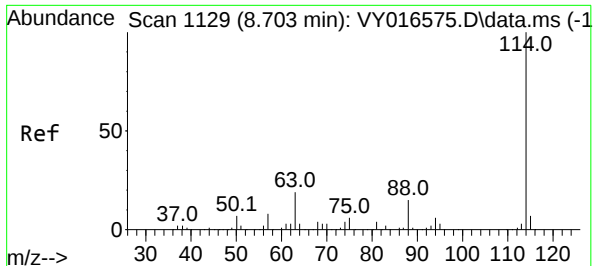
Tgt Ion:168 Resp: 137685
Ion Ratio Lower Upper
168 100
99 51.1 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 69.290 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016598.D
Acq: 05 Dec 2023 15:56

Tgt Ion: 65 Resp: 88177
Ion Ratio Lower Upper
65 100
67 48.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY016598.D

Acq: 05 Dec 2023 15:56

Instrument :

MSVOA_Y

ClientSampleId :

LKWD-BACKFILL-02

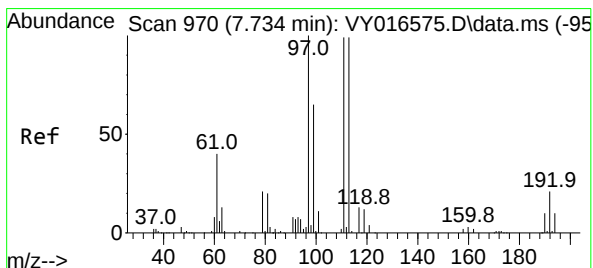
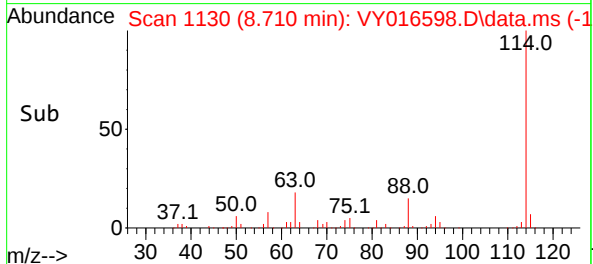
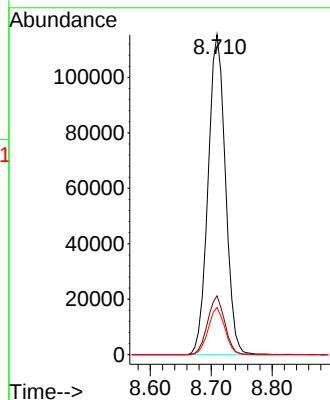
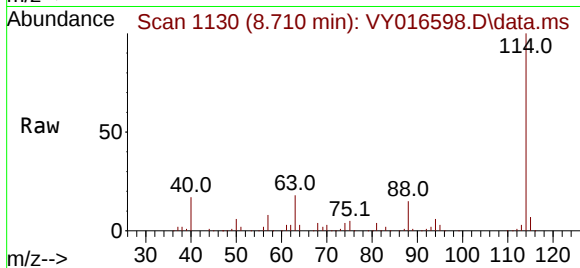
Tgt Ion:114 Resp: 227927

Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.932 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY016598.D

Acq: 05 Dec 2023 15:56

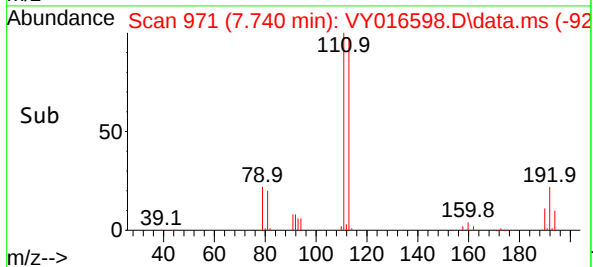
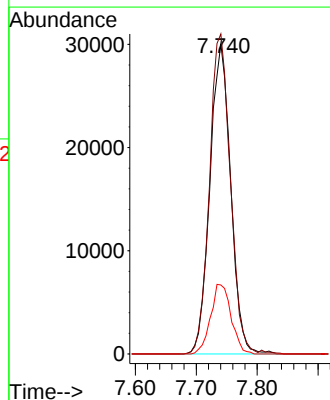
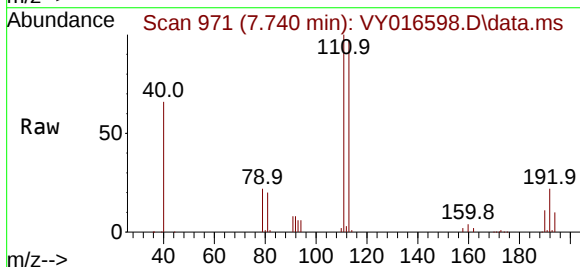
Tgt Ion:113 Resp: 71234

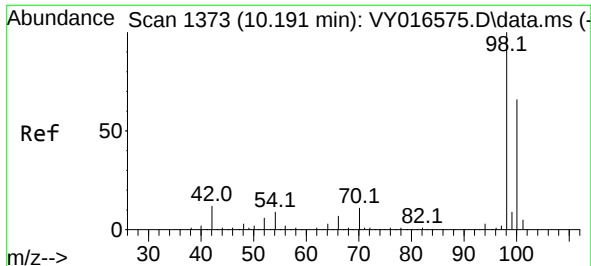
Ion Ratio Lower Upper

113 100

111 103.2 81.3 121.9

192 22.2 16.9 25.3

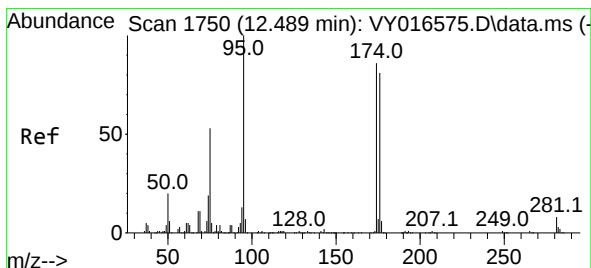
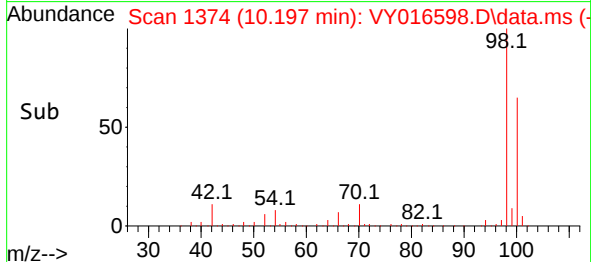
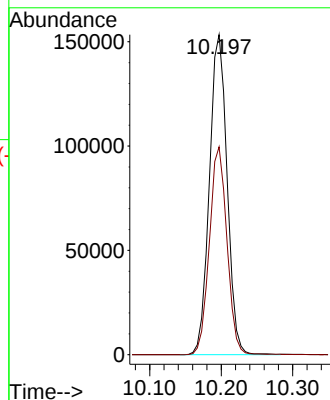
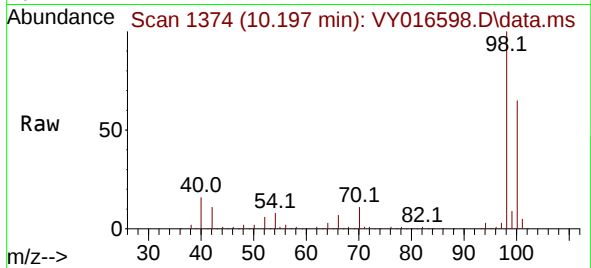




#50
Toluene-d8
Concen: 50.742 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016598.D
Acq: 05 Dec 2023 15:56

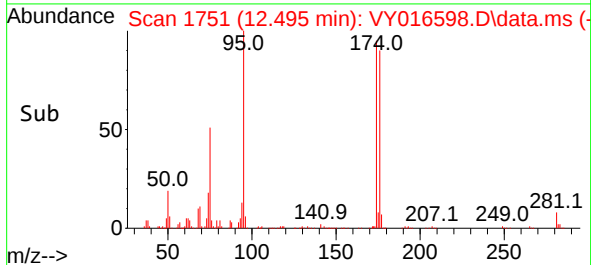
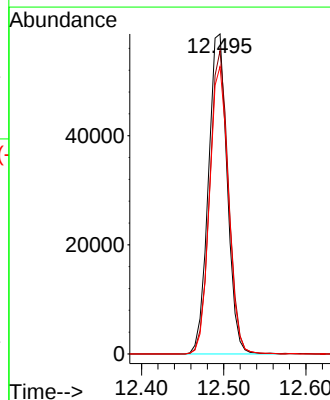
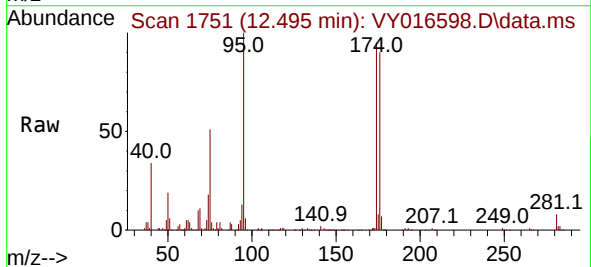
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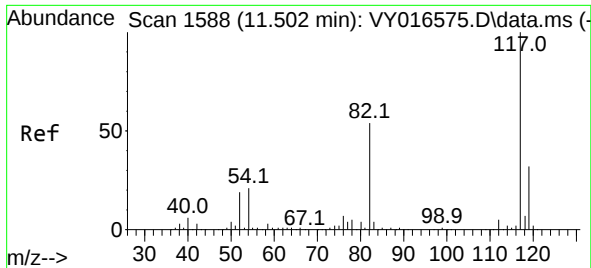
Tgt Ion: 98 Resp: 263272
Ion Ratio Lower Upper
98 100
100 64.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 54.640 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016598.D
Acq: 05 Dec 2023 15:56

Tgt Ion: 95 Resp: 93229
Ion Ratio Lower Upper
95 100
174 94.6 0.0 178.2
176 90.7 0.0 173.8

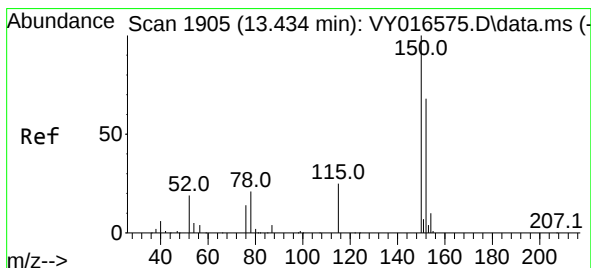
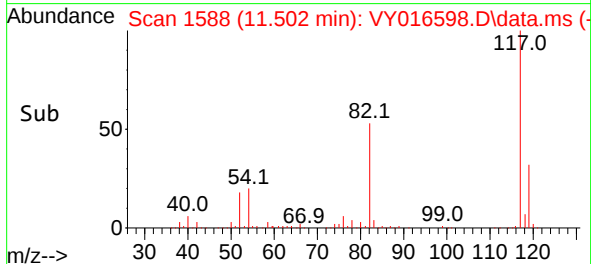
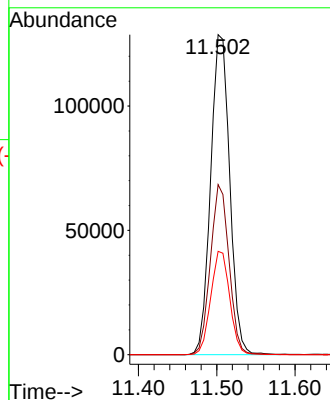
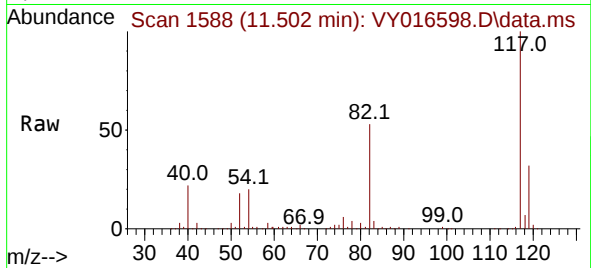




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016598.D
Acq: 05 Dec 2023 15:56

Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-02

Tgt Ion:117 Resp: 217853
Ion Ratio Lower Upper
117 100
82 53.2 43.4 65.0
119 32.3 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016598.D
Acq: 05 Dec 2023 15:56

Tgt Ion:152 Resp: 104149
Ion Ratio Lower Upper
152 100
115 56.1 28.8 86.5
150 158.2 0.0 348.8

