

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120623\
 Data File : VY016613.D
 Acq On : 06 Dec 2023 14:10
 Operator : SY/MD
 Sample : 05599-01RE
 Misc : 4.32g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LKWD-BACKFILL-01RE

Quant Time: Dec 07 00:33:13 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	126813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	207588	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	202754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	94577	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	81132	69.220	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.440%
35) Dibromofluoromethane	7.734	113	65384	52.338	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.680%
50) Toluene-d8	10.197	98	240754	50.949	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.900%
62) 4-Bromofluorobenzene	12.495	95	85458	54.993	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	109.980%

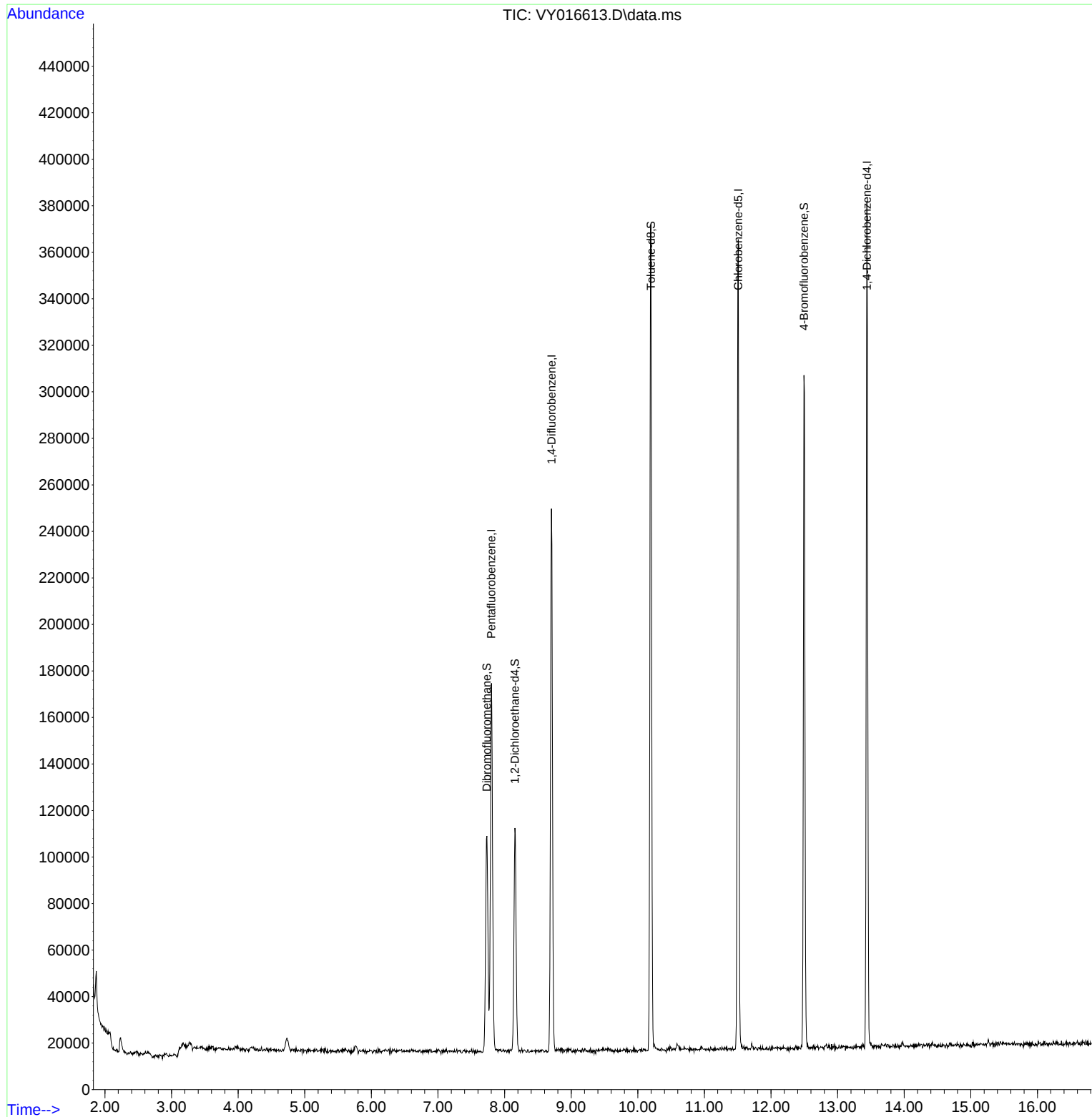
Target Compounds	Qvalue

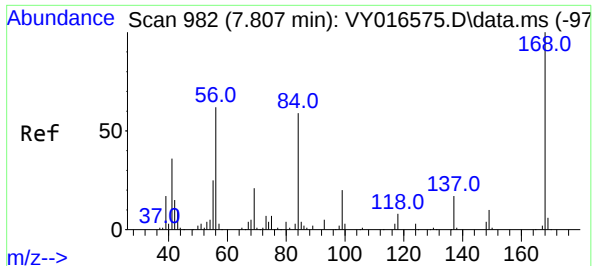
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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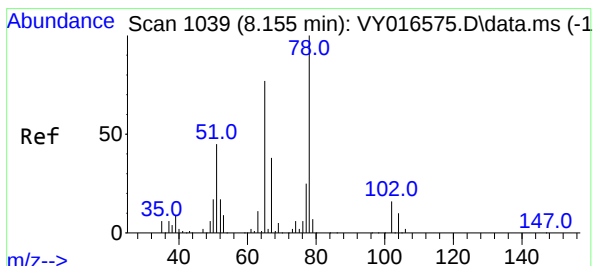
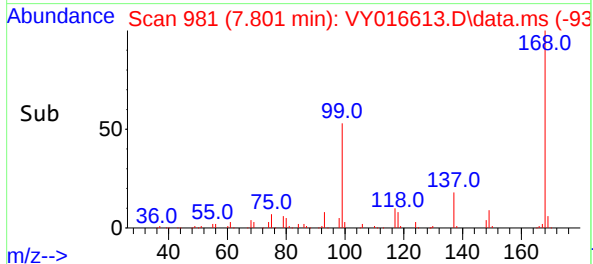
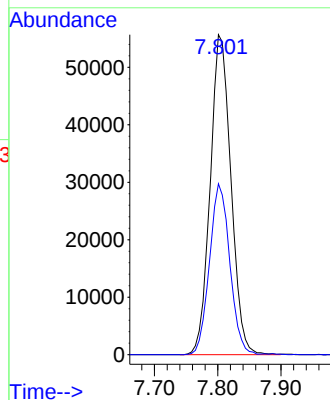
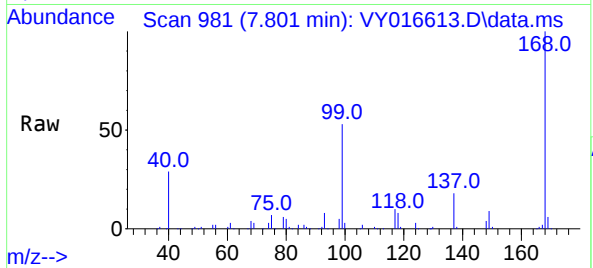




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY016613.D
Acq: 06 Dec 2023 14:10

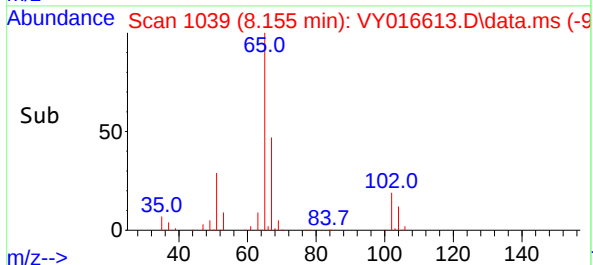
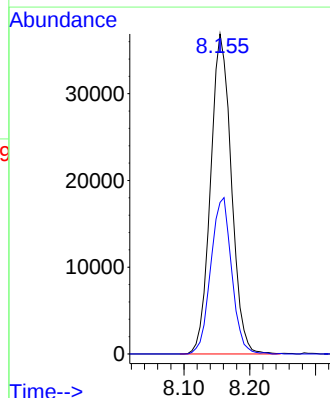
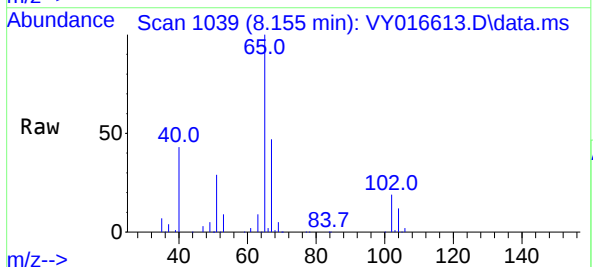
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-01RE

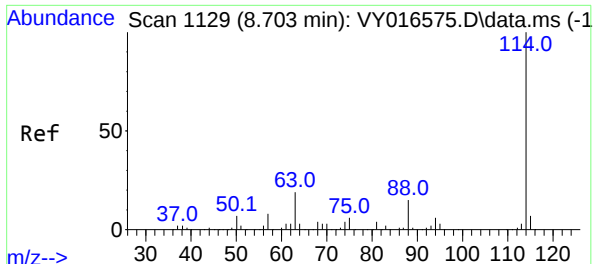
Tgt Ion:168 Resp: 126813
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 69.220 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016613.D
Acq: 06 Dec 2023 14:10

Tgt Ion: 65 Resp: 81132
Ion Ratio Lower Upper
65 100
67 49.1 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: VY016613.D

Acq: 06 Dec 2023 14:10

Instrument :

MSVOA_Y

ClientSampleId :

LKWD-BACKFILL-01RE

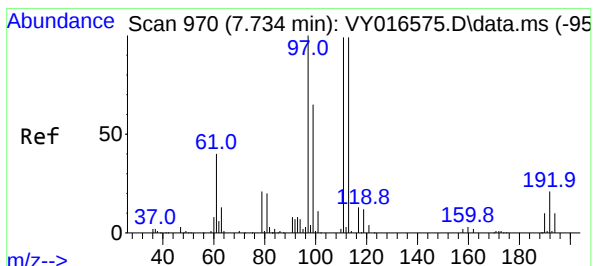
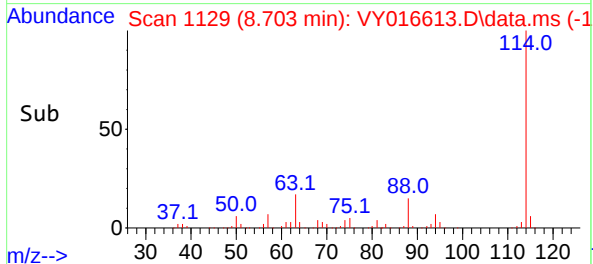
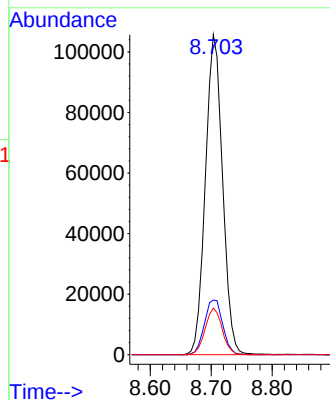
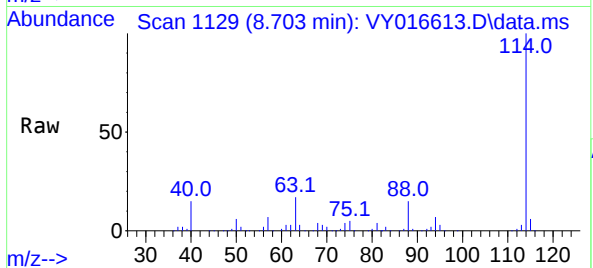
Tgt Ion:114 Resp: 207588

Ion Ratio Lower Upper

114 100

63 17.1 0.0 42.4

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.338 ug/l

RT: 7.734 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY016613.D

Acq: 06 Dec 2023 14:10

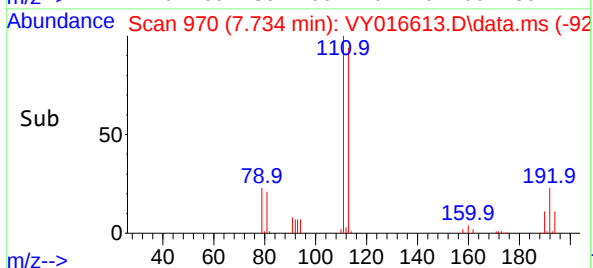
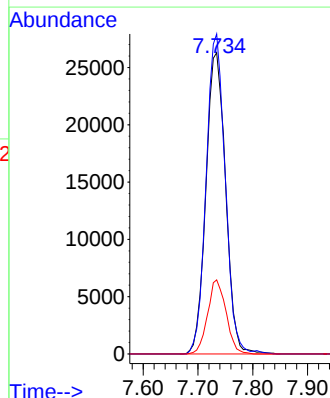
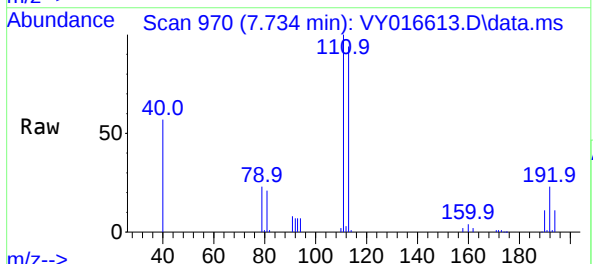
Tgt Ion:113 Resp: 65384

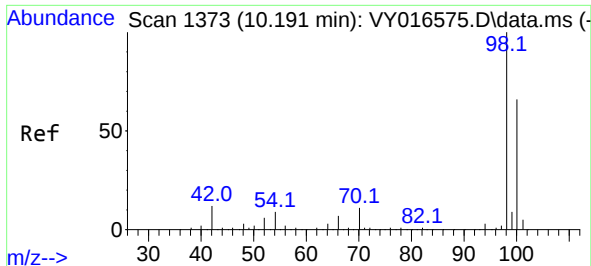
Ion Ratio Lower Upper

113 100

111 102.9 81.3 121.9

192 23.1 16.9 25.3

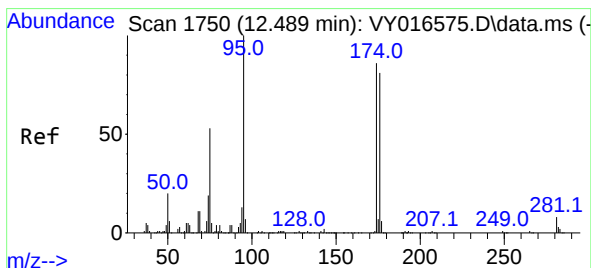
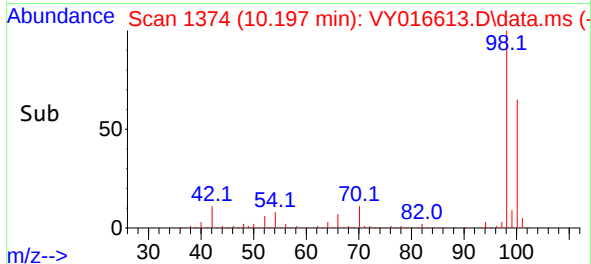
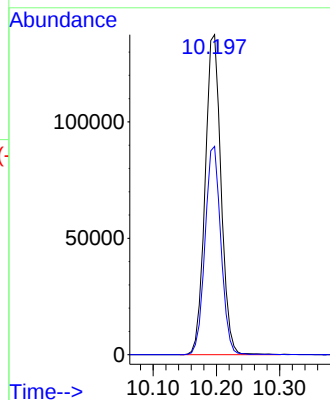
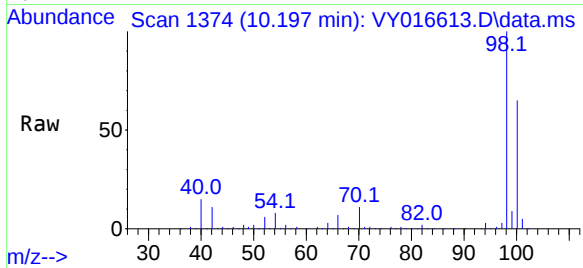




#50
Toluene-d8
Concen: 50.949 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016613.D
Acq: 06 Dec 2023 14:10

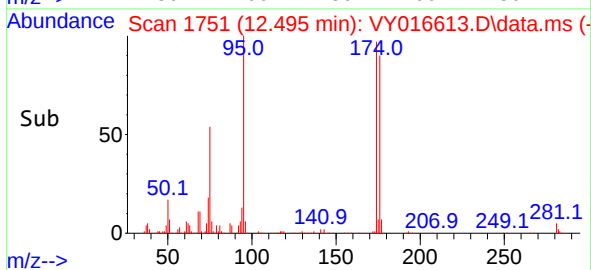
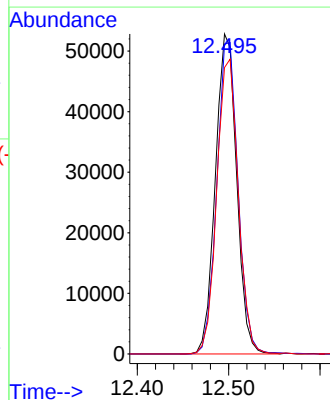
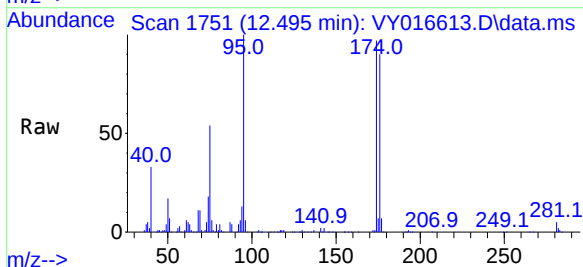
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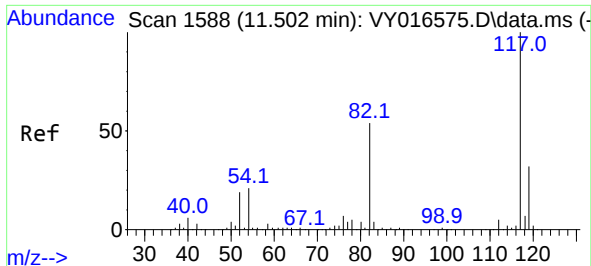
Tgt Ion: 98 Resp: 240754
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 54.993 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016613.D
Acq: 06 Dec 2023 14:10

Tgt Ion: 95 Resp: 85458
Ion Ratio Lower Upper
95 100
174 97.3 0.0 178.2
176 93.4 0.0 173.8

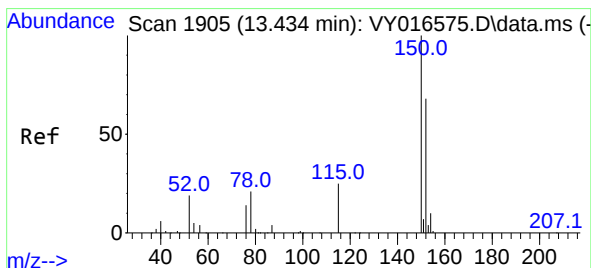
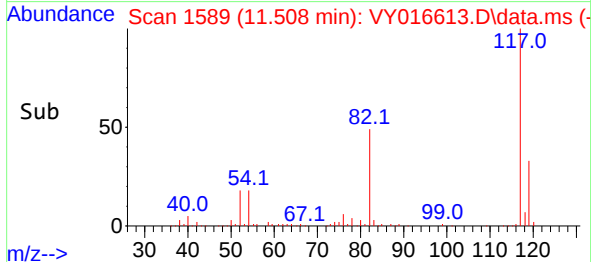
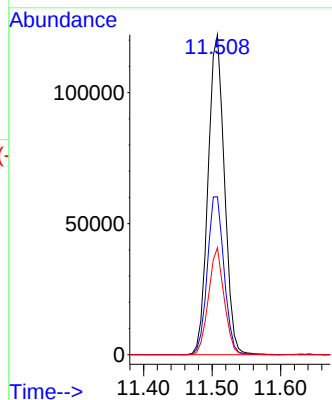
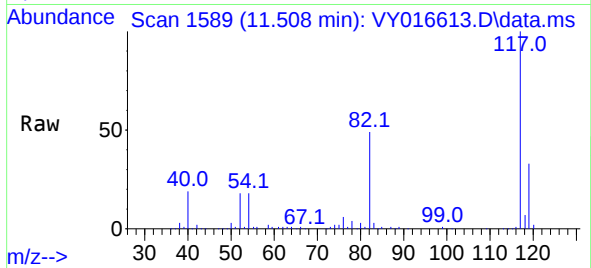




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016613.D
Acq: 06 Dec 2023 14:10

Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-01RE

Tgt Ion:117 Resp: 202754
Ion Ratio Lower Upper
117 100
82 49.4 43.4 65.0
119 33.5 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: VY016613.D
Acq: 06 Dec 2023 14:10

Tgt Ion:152 Resp: 94577
Ion Ratio Lower Upper
152 100
115 56.2 28.8 86.5
150 161.8 0.0 348.8

