

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120623\
 Data File : VY016618.D
 Acq On : 06 Dec 2023 16:07
 Operator : SY/MD
 Sample : 05599-11RE
 Misc : 4.18g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LKWD-BACKFILL-06RE

Quant Time: Dec 07 00:35:02 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	123072	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	200535	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	195738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	97423	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	79782	70.137	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.280%
35) Dibromofluoromethane	7.728	113	63425	52.555	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.120%
50) Toluene-d8	10.191	98	233712	51.198	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.400%
62) 4-Bromofluorobenzene	12.495	95	83062	55.331	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	110.660%

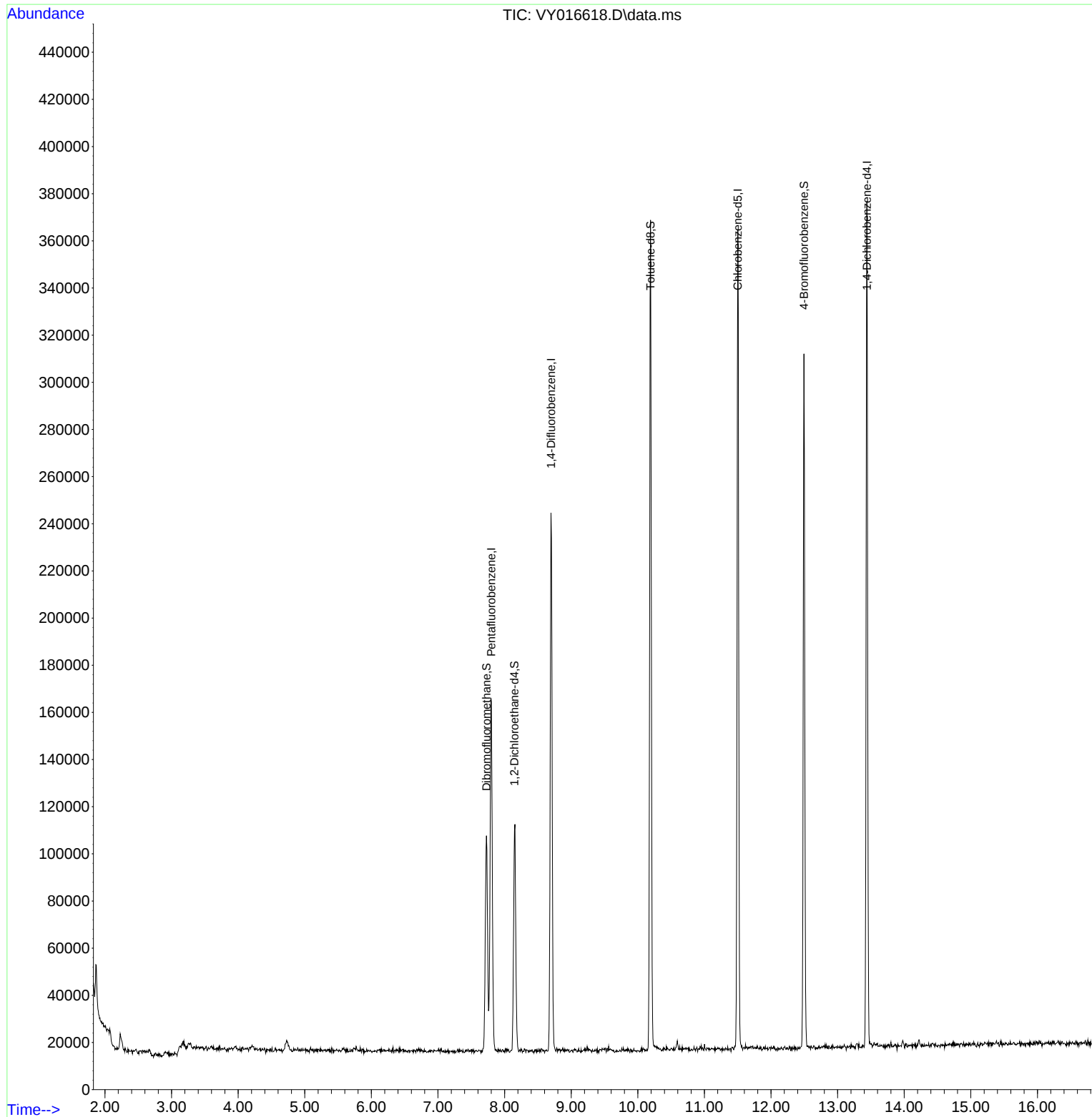
Target Compounds	Qvalue

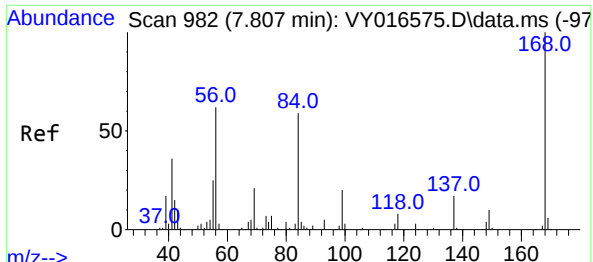
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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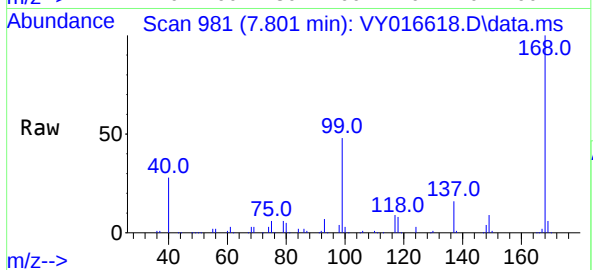
Quant Time: Dec 07 00:35:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
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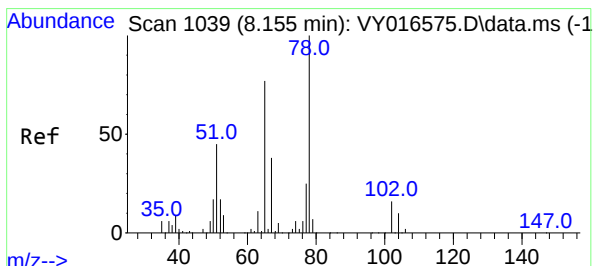
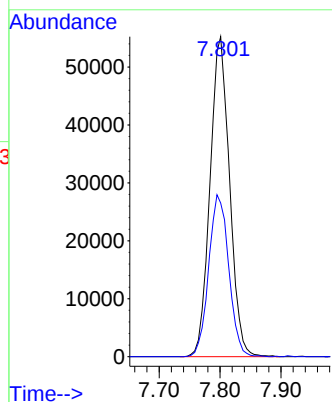
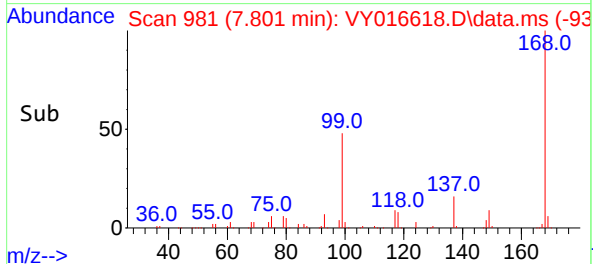


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016618.D
Acq: 06 Dec 2023 16:07

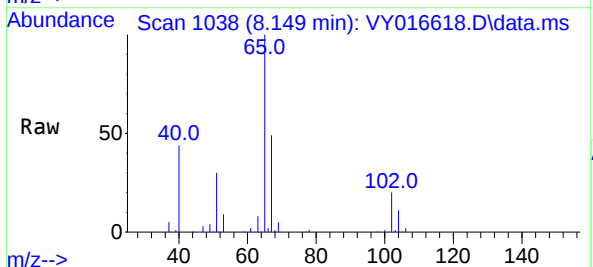
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-06RE



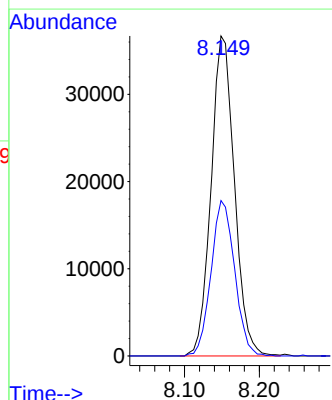
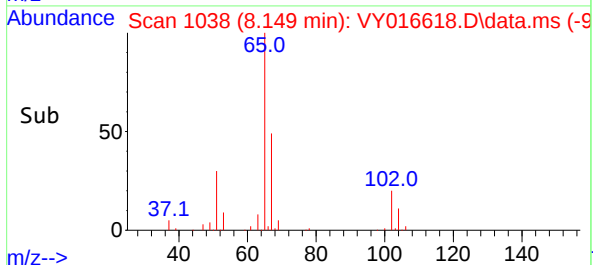
Tgt Ion:168 Resp: 123072
Ion Ratio Lower Upper
168 100
99 48.0 43.4 65.0

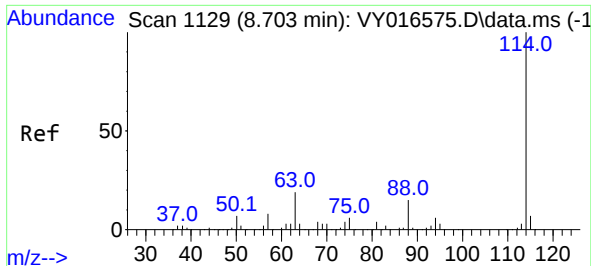


#33
1,2-Dichloroethane-d4
Concen: 70.137 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016618.D
Acq: 06 Dec 2023 16:07



Tgt Ion: 65 Resp: 79782
Ion Ratio Lower Upper
65 100
67 49.0 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016618.D

Acq: 06 Dec 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

LKWD-BACKFILL-06RE

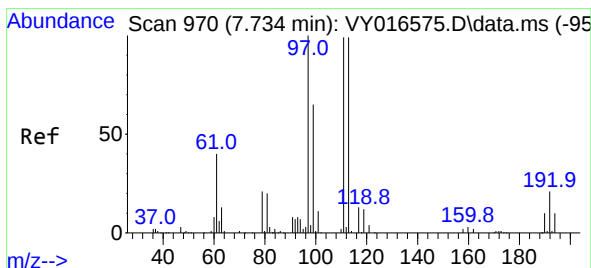
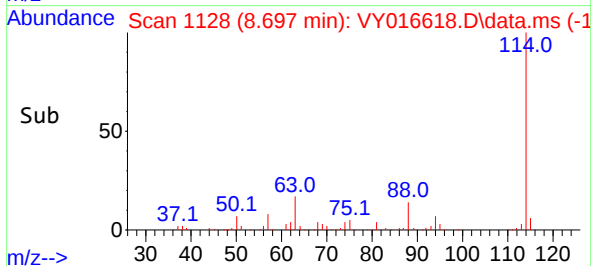
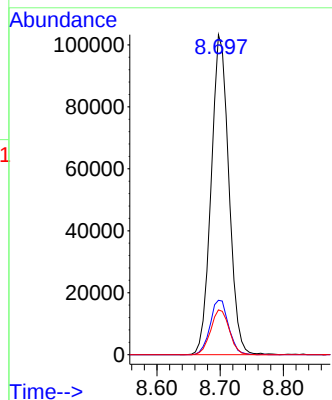
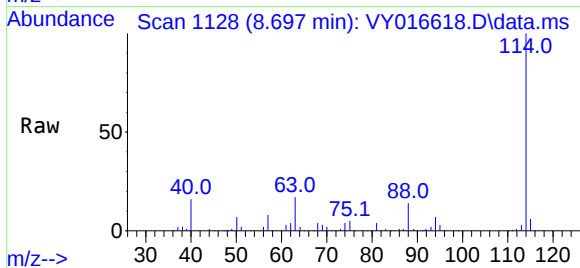
Tgt Ion:114 Resp: 200535

Ion Ratio Lower Upper

114 100

63 17.0 0.0 42.4

88 14.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.555 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY016618.D

Acq: 06 Dec 2023 16:07

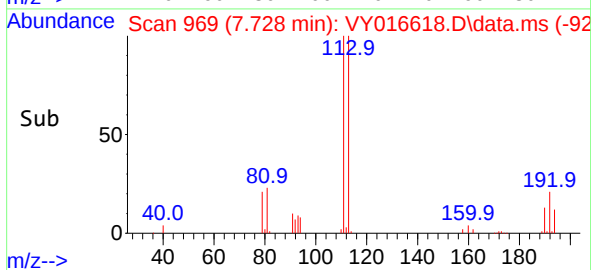
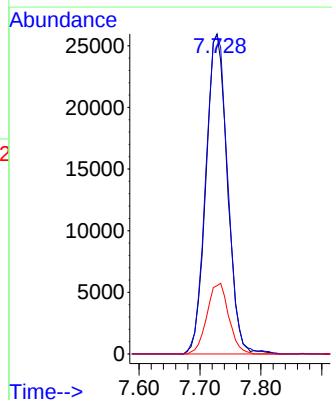
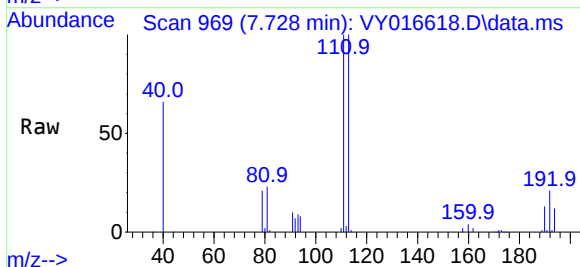
Tgt Ion:113 Resp: 63425

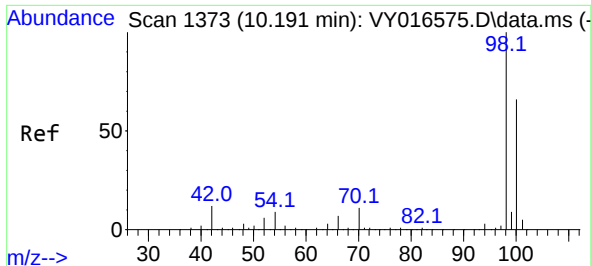
Ion Ratio Lower Upper

113 100

111 102.3 81.3 121.9

192 22.4 16.9 25.3

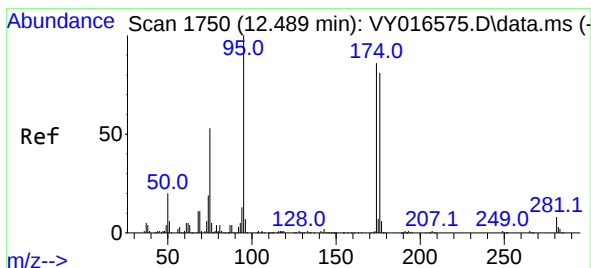
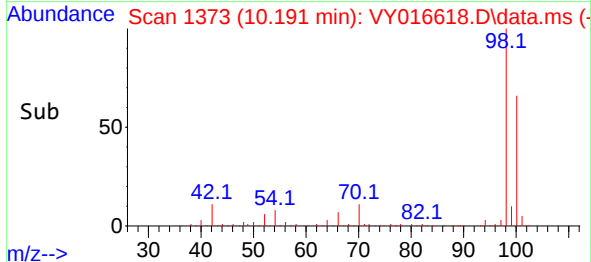
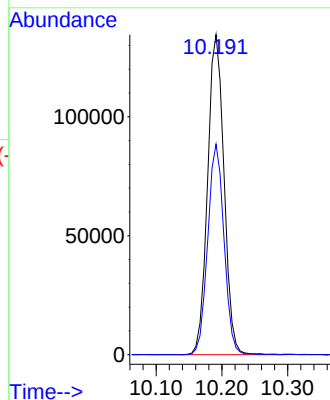
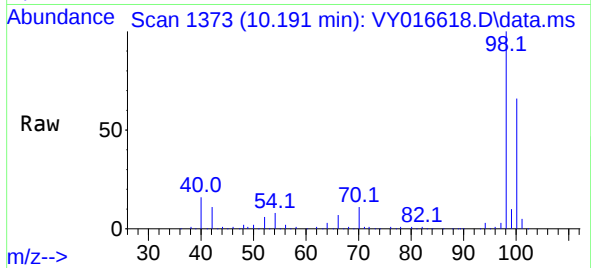




#50
Toluene-d8
Concen: 51.198 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016618.D
Acq: 06 Dec 2023 16:07

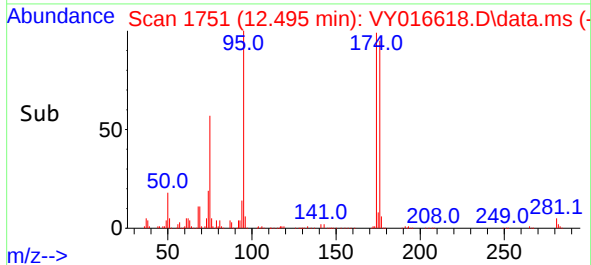
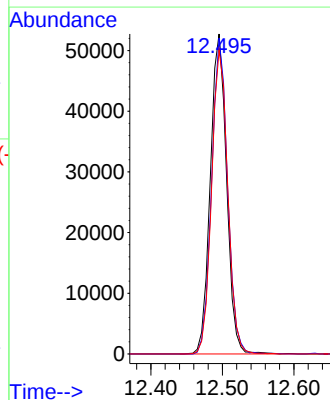
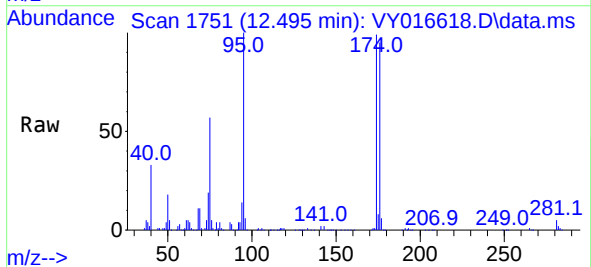
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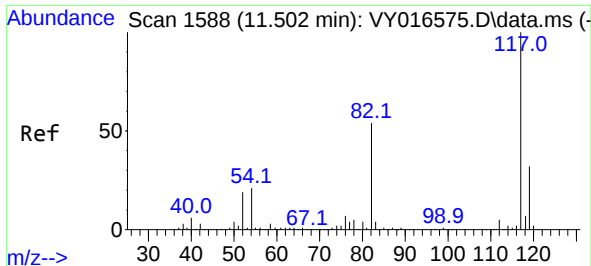
Tgt Ion: 98 Resp: 233712
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 55.331 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016618.D
Acq: 06 Dec 2023 16:07

Tgt Ion: 95 Resp: 83062
Ion Ratio Lower Upper
95 100
174 96.6 0.0 178.2
176 94.6 0.0 173.8

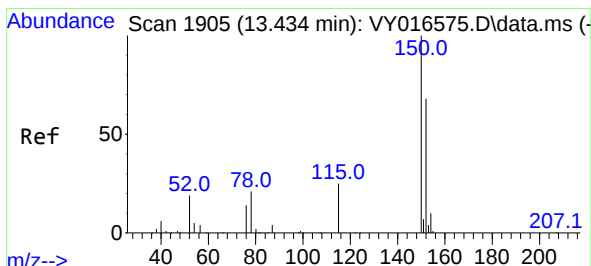
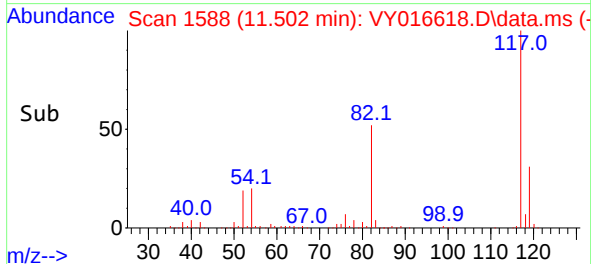
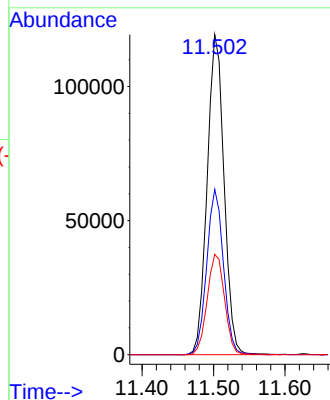
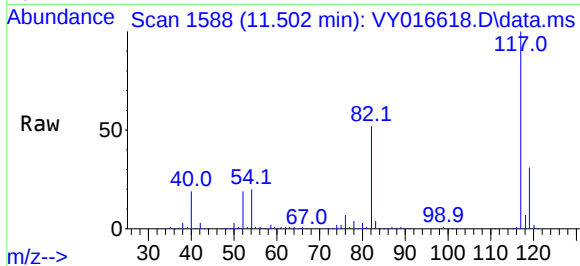




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016618.D
Acq: 06 Dec 2023 16:07

Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-06RE

Tgt Ion:117 Resp: 195738
Ion Ratio Lower Upper
117 100
82 51.6 43.4 65.0
119 31.4 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: VY016618.D
Acq: 06 Dec 2023 16:07

Tgt Ion:152 Resp: 97423
Ion Ratio Lower Upper
152 100
115 55.5 28.8 86.5
150 155.8 0.0 348.8

