

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120523\
 Data File : VY016600.D
 Acq On : 05 Dec 2023 16:43
 Operator : SY/MD
 Sample : 05599-07
 Misc : 4.83g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LKWD-BACKFILL-04

Quant Time: Dec 06 02:26:44 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	134482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	221557	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	214782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	103604	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	85215	68.557	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.120%
35) Dibromofluoromethane	7.740	113	70632	52.974	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.940%
50) Toluene-d8	10.197	98	252914	50.147	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.300%
62) 4-Bromofluorobenzene	12.489	95	91652	55.261	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	110.520%

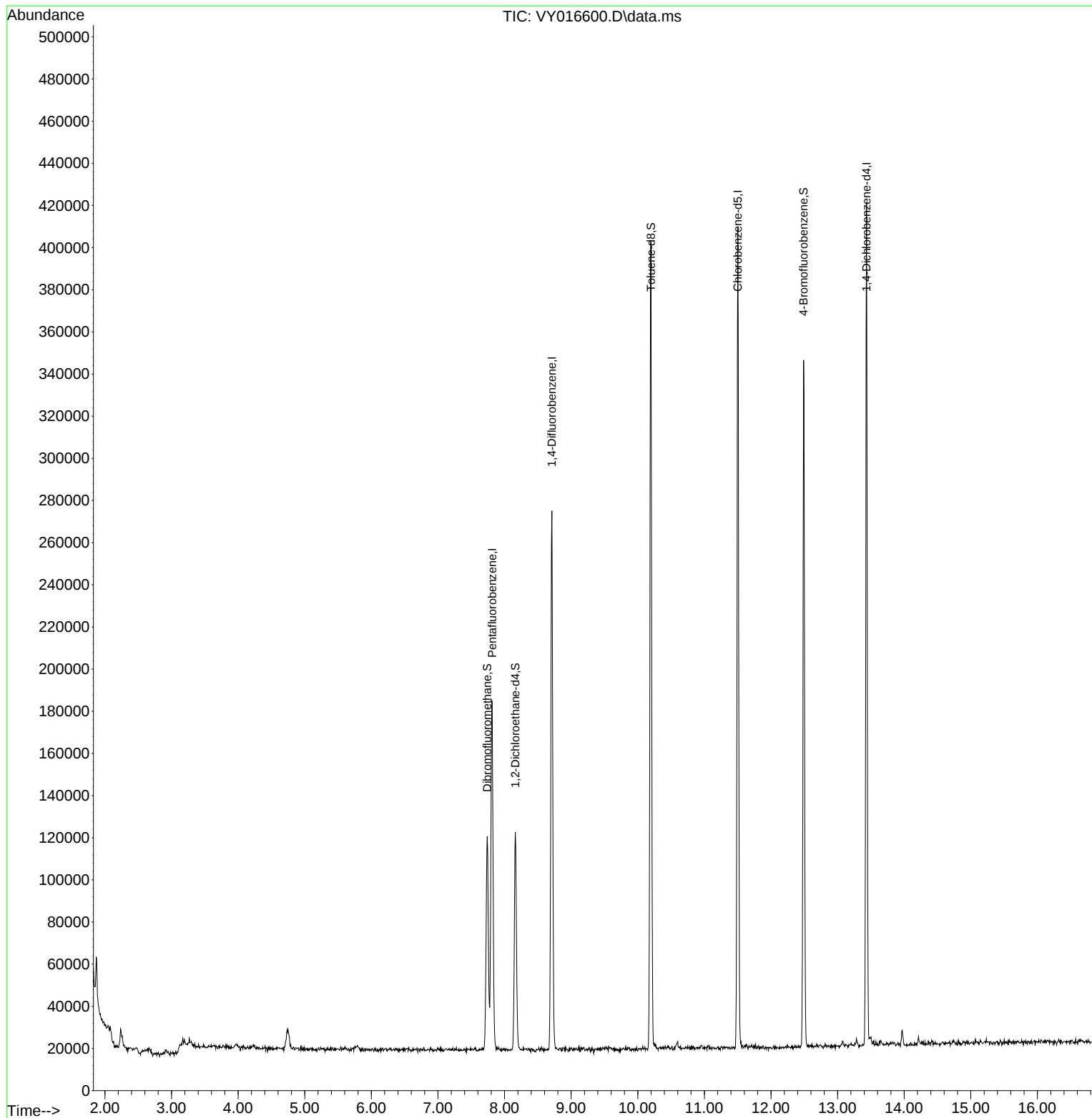
Target Compounds	Qvalue

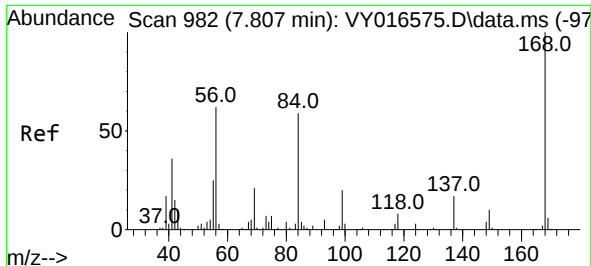
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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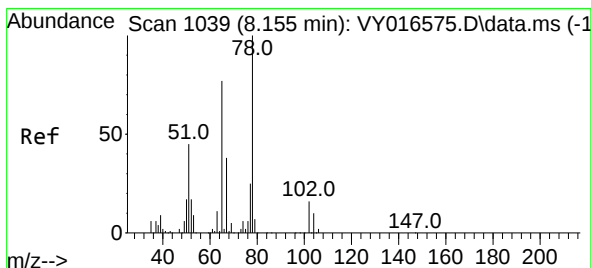
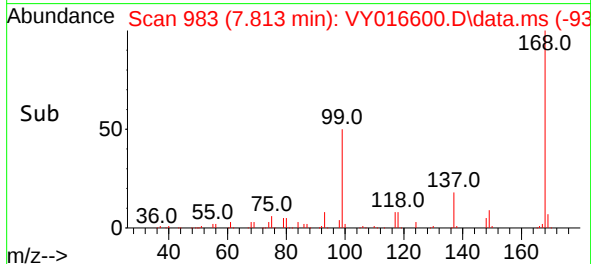
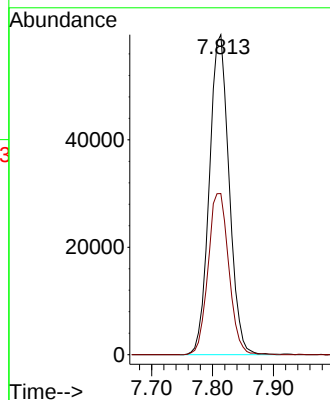
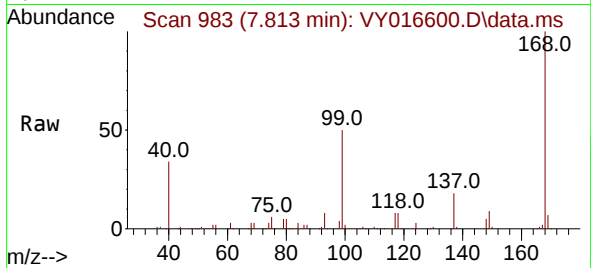




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016600.D
Acq: 05 Dec 2023 16:43

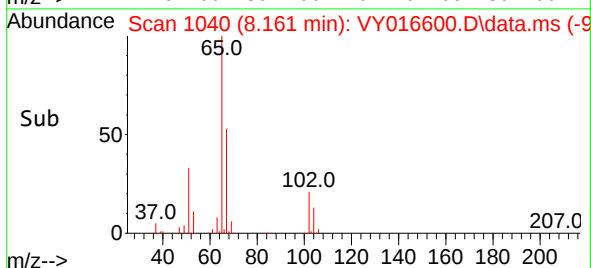
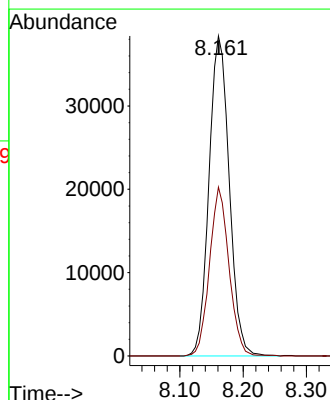
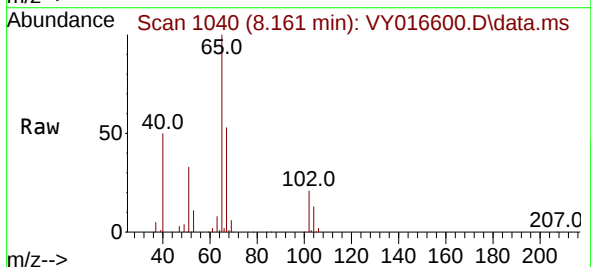
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-04

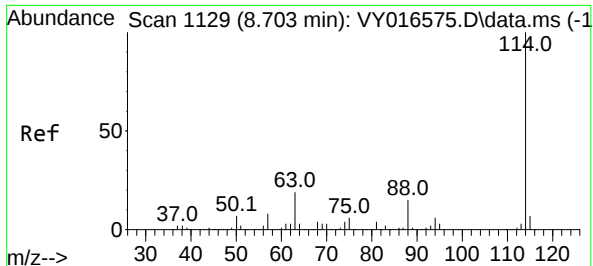
Tgt Ion:168 Resp: 134482
Ion Ratio Lower Upper
168 100
99 50.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 68.557 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016600.D
Acq: 05 Dec 2023 16:43

Tgt Ion: 65 Resp: 85215
Ion Ratio Lower Upper
65 100
67 50.8 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: VY016600.D

Acq: 05 Dec 2023 16:43

Instrument :

MSVOA_Y

ClientSampleId :

LKWD-BACKFILL-04

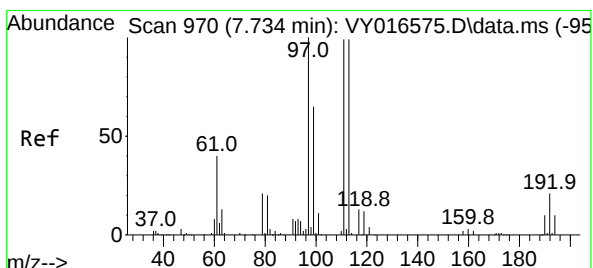
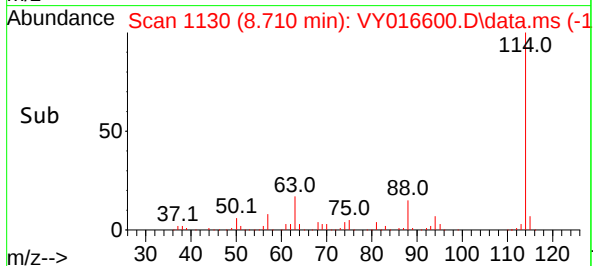
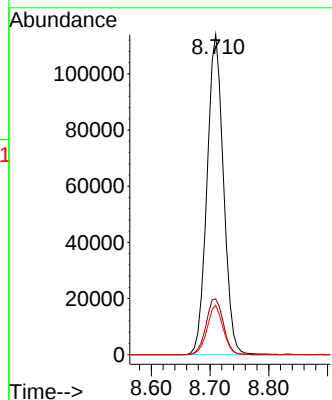
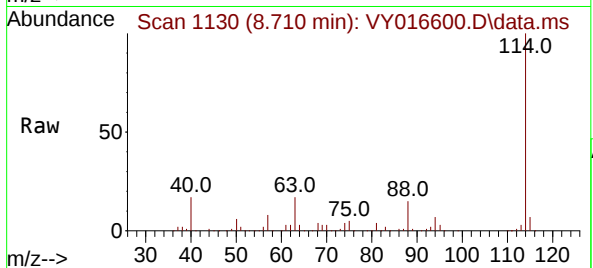
Tgt Ion:114 Resp: 221557

Ion Ratio Lower Upper

114 100

63 17.4 0.0 42.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.974 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY016600.D

Acq: 05 Dec 2023 16:43

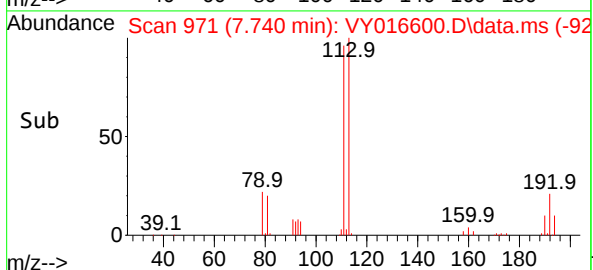
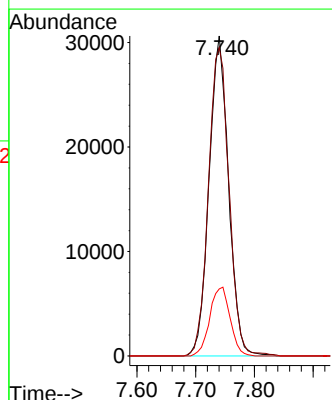
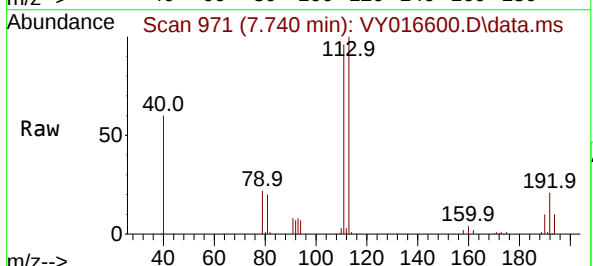
Tgt Ion:113 Resp: 70632

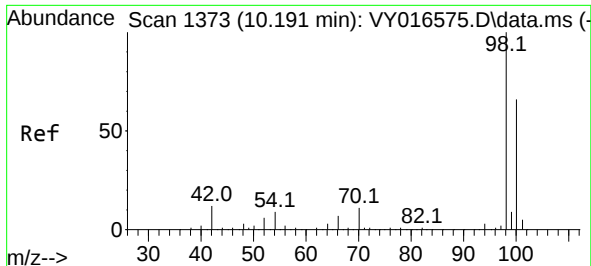
Ion Ratio Lower Upper

113 100

111 101.7 81.3 121.9

192 22.4 16.9 25.3

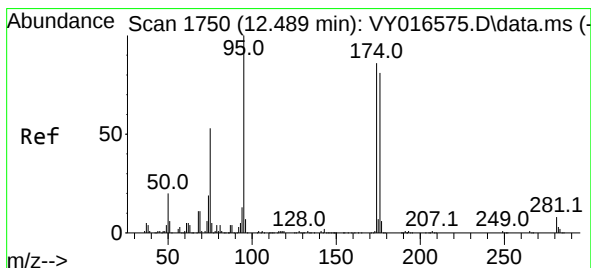
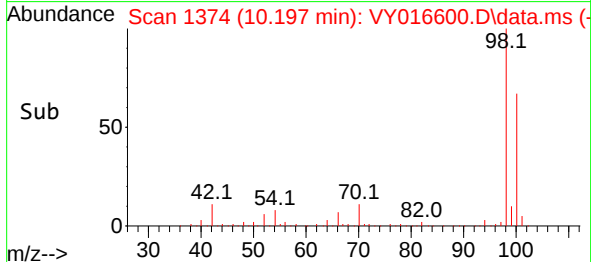
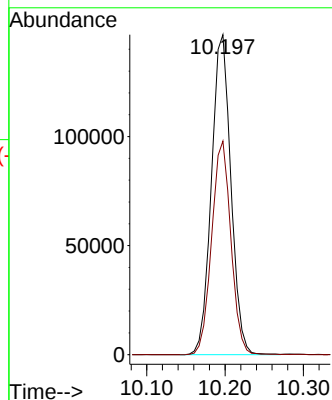
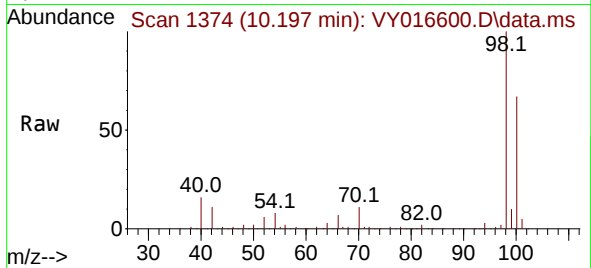




#50
Toluene-d8
Concen: 50.147 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016600.D
Acq: 05 Dec 2023 16:43

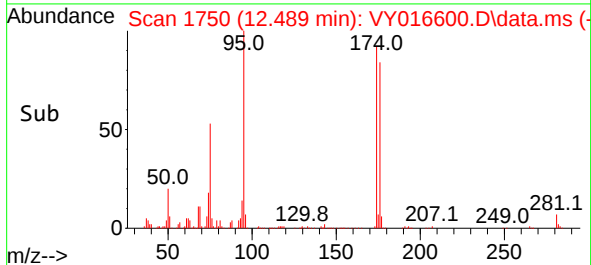
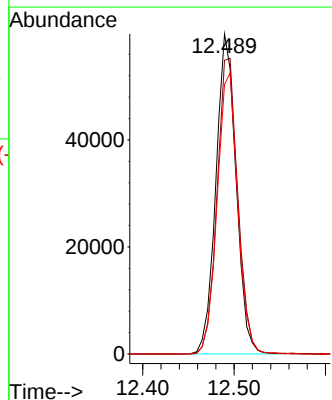
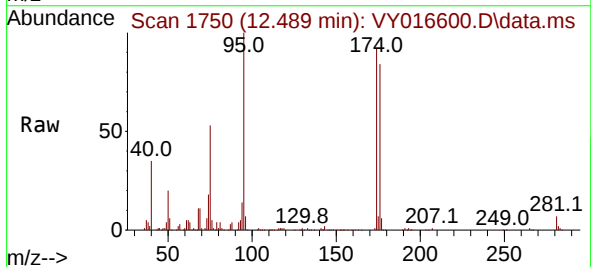
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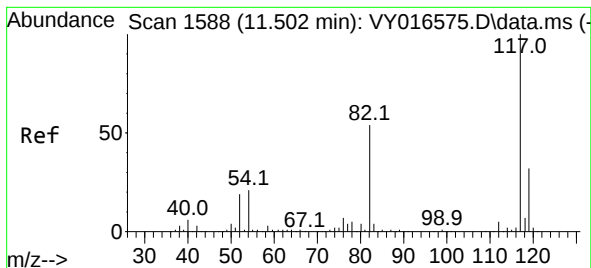
Tgt Ion: 98 Resp: 252914
Ion Ratio Lower Upper
98 100
100 66.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 55.261 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016600.D
Acq: 05 Dec 2023 16:43

Tgt Ion: 95 Resp: 91652
Ion Ratio Lower Upper
95 100
174 95.5 0.0 178.2
176 89.7 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: VY016600.D

Acq: 05 Dec 2023 16:43

Instrument :

MSVOA_Y

ClientSampleId :

LKWD-BACKFILL-04

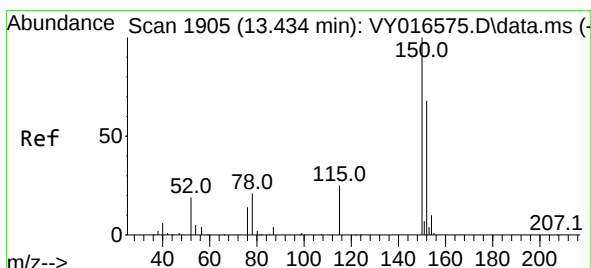
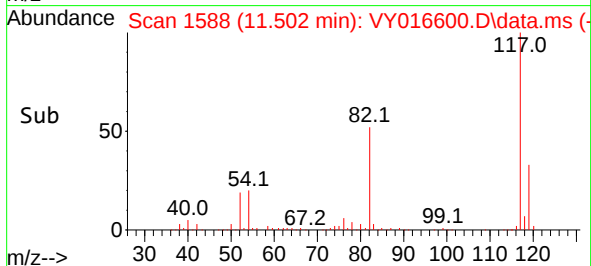
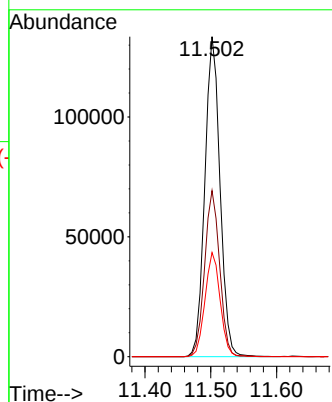
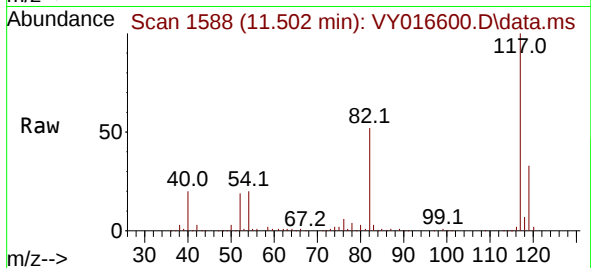
Tgt Ion:117 Resp: 214782

Ion Ratio Lower Upper

117 100

82 51.9 43.4 65.0

119 32.6 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: VY016600.D

Acq: 05 Dec 2023 16:43

Tgt Ion:152 Resp: 103604

Ion Ratio Lower Upper

152 100

115 55.5 28.8 86.5

150 156.6 0.0 348.8

