

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112123\
 Data File : VY016442.D
 Acq On : 21 Nov 2023 16:58
 Operator : SY/MD
 Sample : 05449-11RE
 Misc : 4.32g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-SED-04-GRE

Quant Time: Nov 22 01:19:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.807	168	1609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	2817	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	2370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.441	152	380	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	1150	78.201	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	156.400%
35) Dibromofluoromethane	7.740	113	427	26.684	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	53.360%#
50) Toluene-d8	10.191	98	3089	47.602	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.200%
62) 4-Bromofluorobenzene	12.502	95	537	25.479	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	50.960%

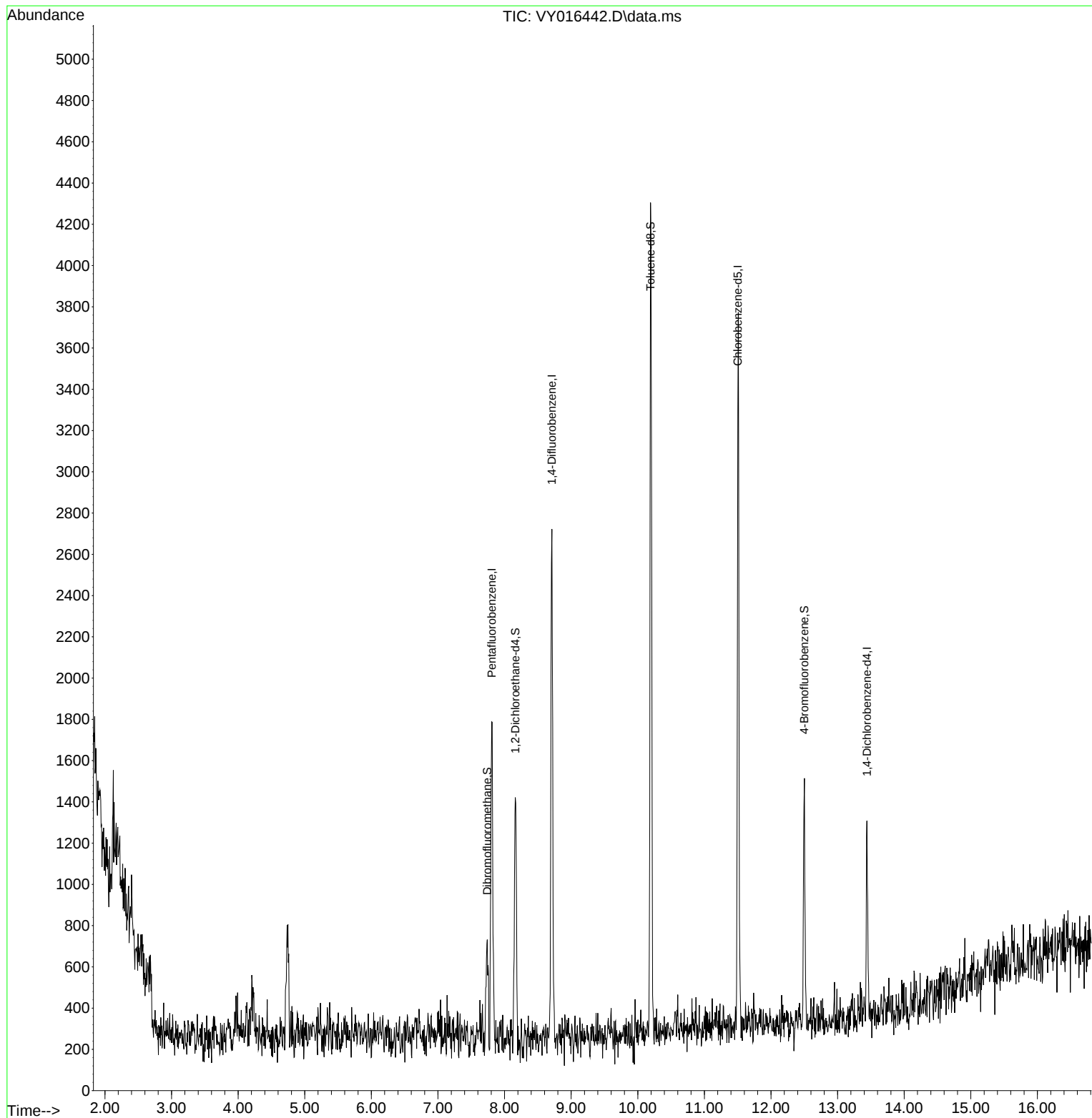
Target Compounds Qvalue

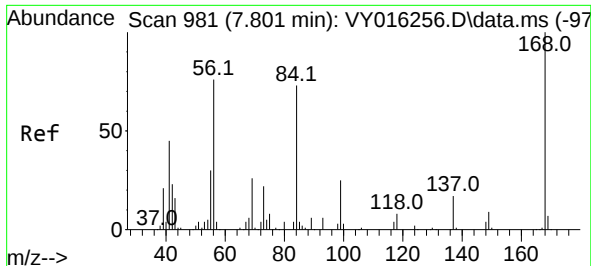
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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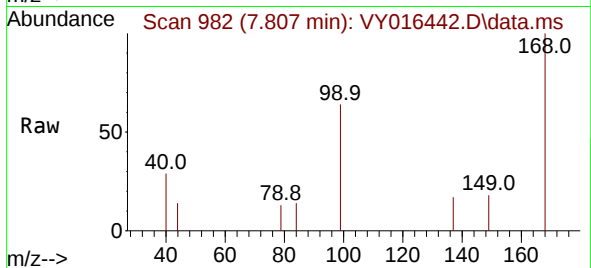
Quant Time: Nov 22 01:19:43 2023
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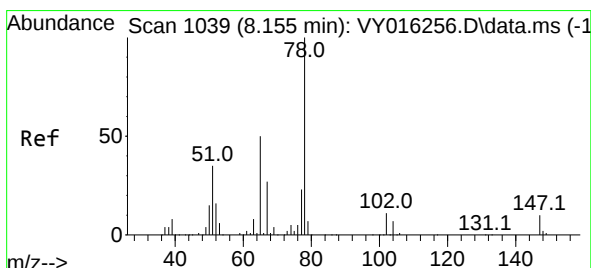
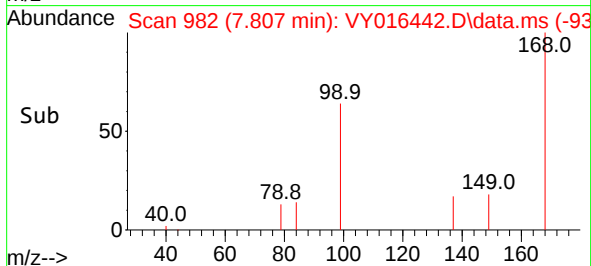
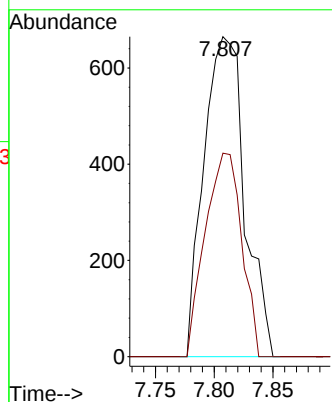


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016442.D
Acq: 21 Nov 2023 16:58

Instrument :
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ClientSampleId :
WC-SED-04-GRE

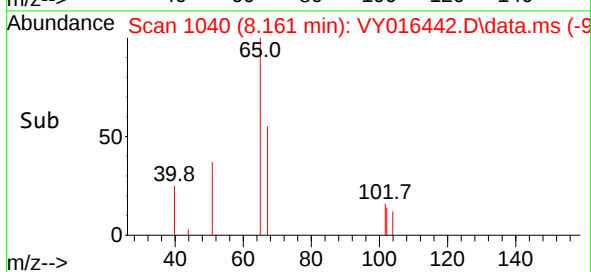
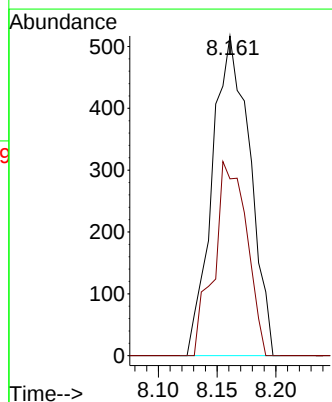
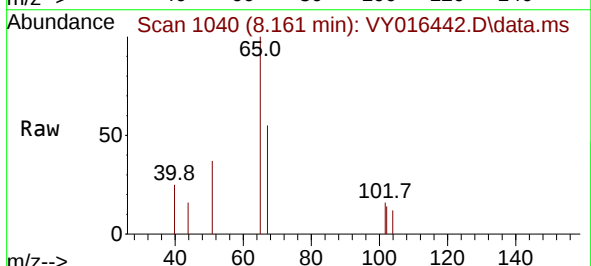


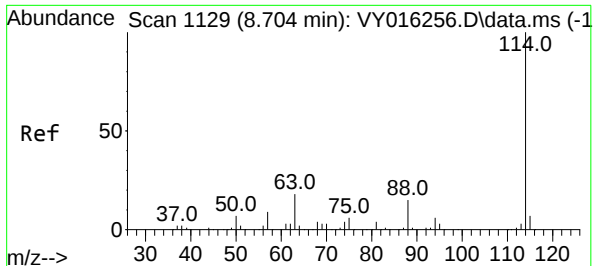
Tgt Ion:168 Resp: 1609
Ion Ratio Lower Upper
168 100
99 63.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 78.201 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016442.D
Acq: 21 Nov 2023 16:58

Tgt Ion: 65 Resp: 1150
Ion Ratio Lower Upper
65 100
67 52.8 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: VY016442.D

Acq: 21 Nov 2023 16:58

Instrument :

MSVOA_Y

ClientSampleId :

WC-SED-04-GRE

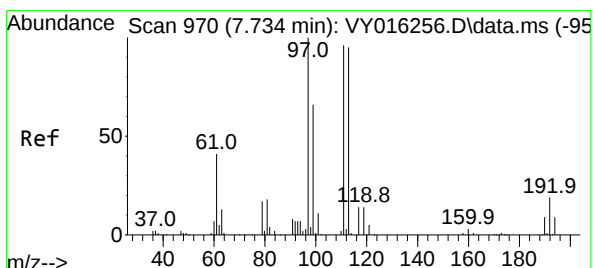
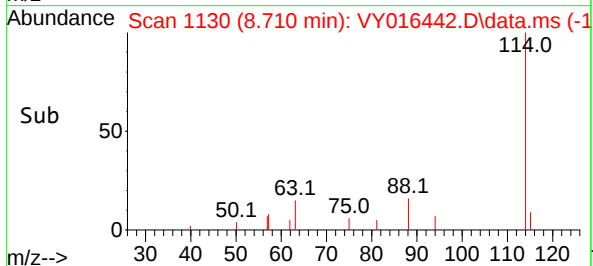
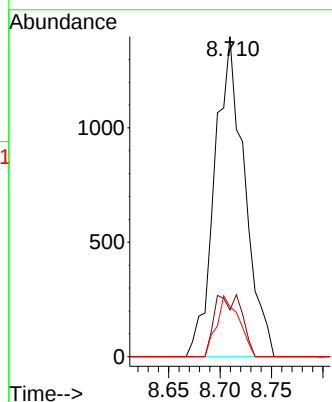
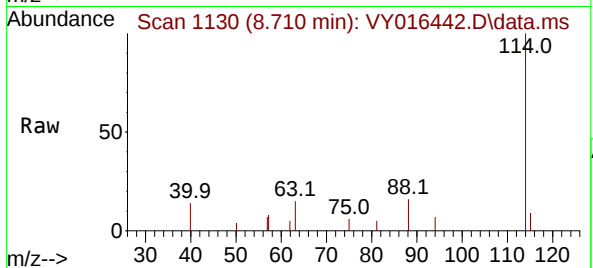
Tgt Ion:114 Resp: 2817

Ion Ratio Lower Upper

114 100

63 14.6 0.0 42.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 26.684 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY016442.D

Acq: 21 Nov 2023 16:58

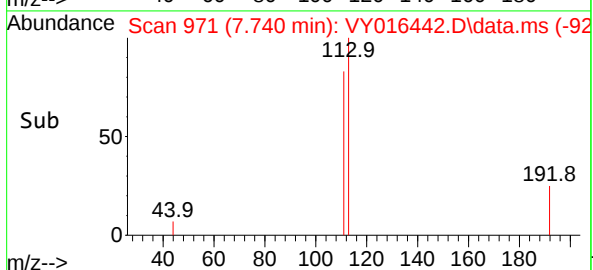
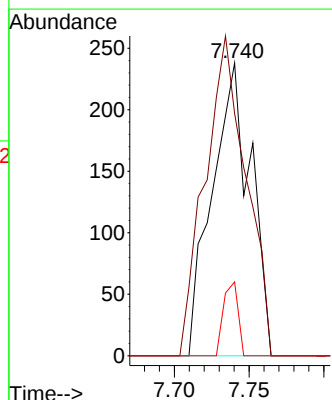
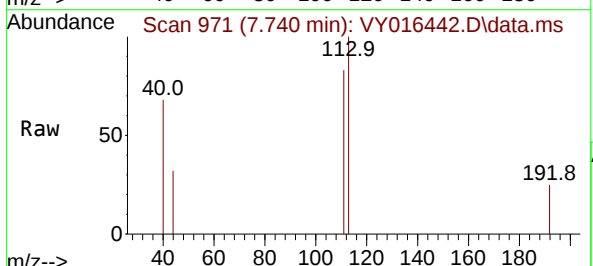
Tgt Ion:113 Resp: 427

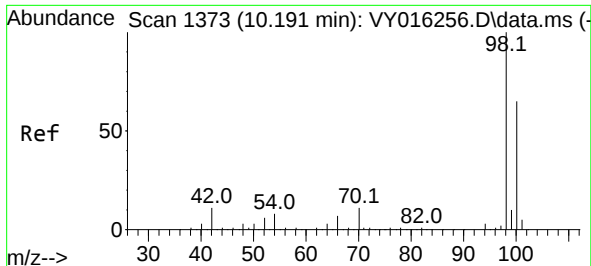
Ion Ratio Lower Upper

113 100

111 115.9 81.3 121.9

192 9.6 16.9 25.3#

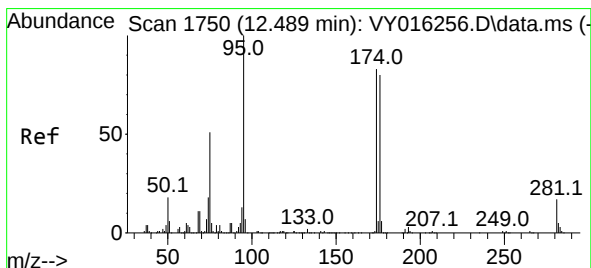
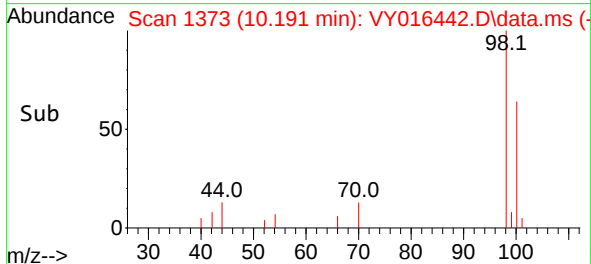
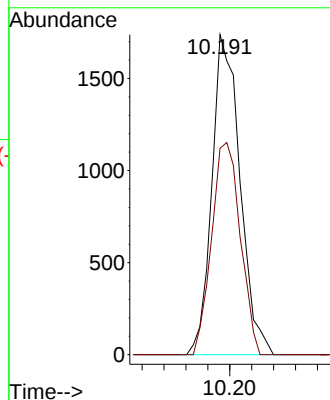
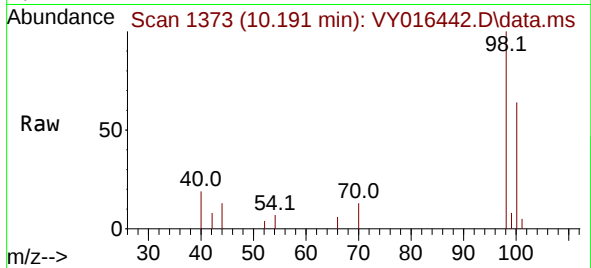




#50
Toluene-d8
Concen: 47.602 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016442.D
Acq: 21 Nov 2023 16:58

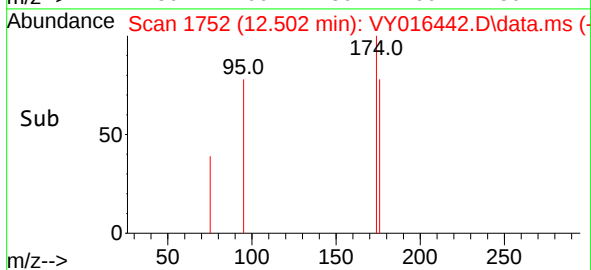
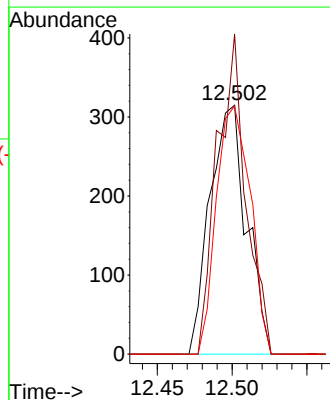
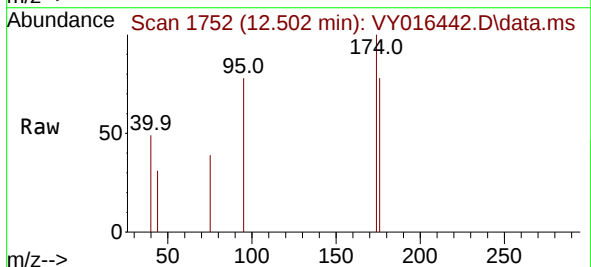
Instrument :
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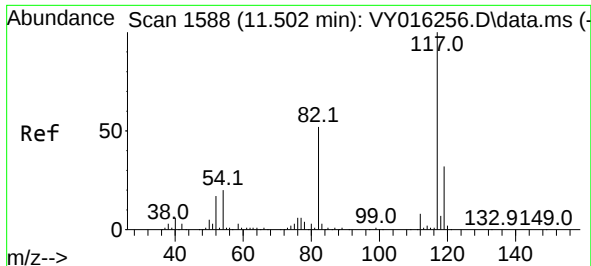
Tgt Ion: 98 Resp: 3089
Ion Ratio Lower Upper
98 100
100 67.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 25.479 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016442.D
Acq: 21 Nov 2023 16:58

Tgt Ion: 95 Resp: 537
Ion Ratio Lower Upper
95 100
174 100.9 0.0 178.2
176 92.7 0.0 173.8

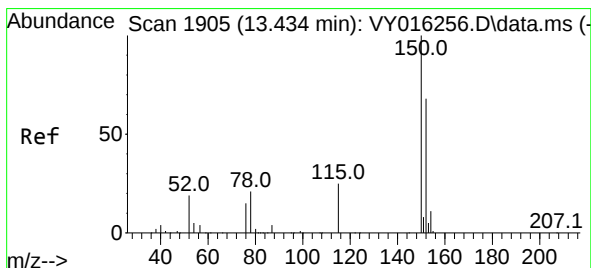
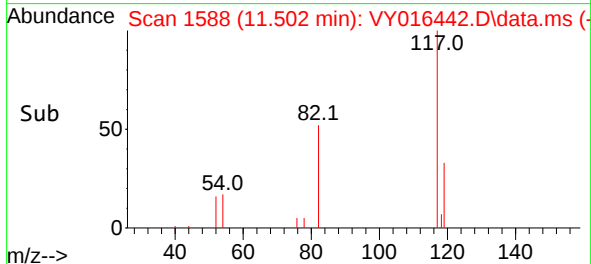
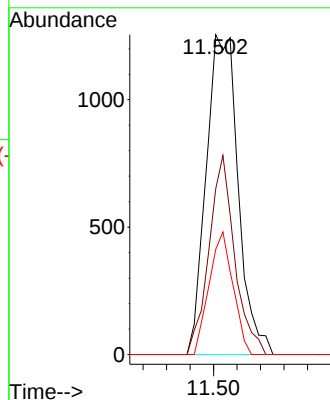
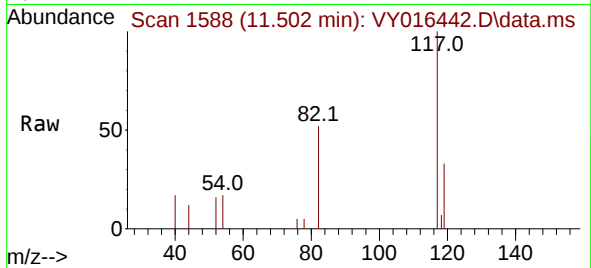




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016442.D
Acq: 21 Nov 2023 16:58

Instrument :
MSVOA_Y
ClientSampleId :
WC-SED-04-GRE

Tgt Ion:117 Resp: 2370
Ion Ratio Lower Upper
117 100
82 51.8 43.4 65.0
119 32.9 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.441 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016442.D
Acq: 21 Nov 2023 16:58

Tgt Ion:152 Resp: 380
Ion Ratio Lower Upper
152 100
115 52.4 28.8 86.5
150 162.6 0.0 348.8

