

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110923\
 Data File : VY016273.D
 Acq On : 09 Nov 2023 11:53
 Operator : SY/MD
 Sample : 05317-03
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-21148

Quant Time: Nov 09 22:56:25 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	7.801	168	106421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	185273	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	174641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	80745	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	62693	64.456	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.920%
35) Dibromofluoromethane	7.728	113	56987	54.146	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.300%
50) Toluene-d8	10.191	98	215885	50.583	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.160%
62) 4-Bromofluorobenzene	12.489	95	74862	54.006	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	108.020%

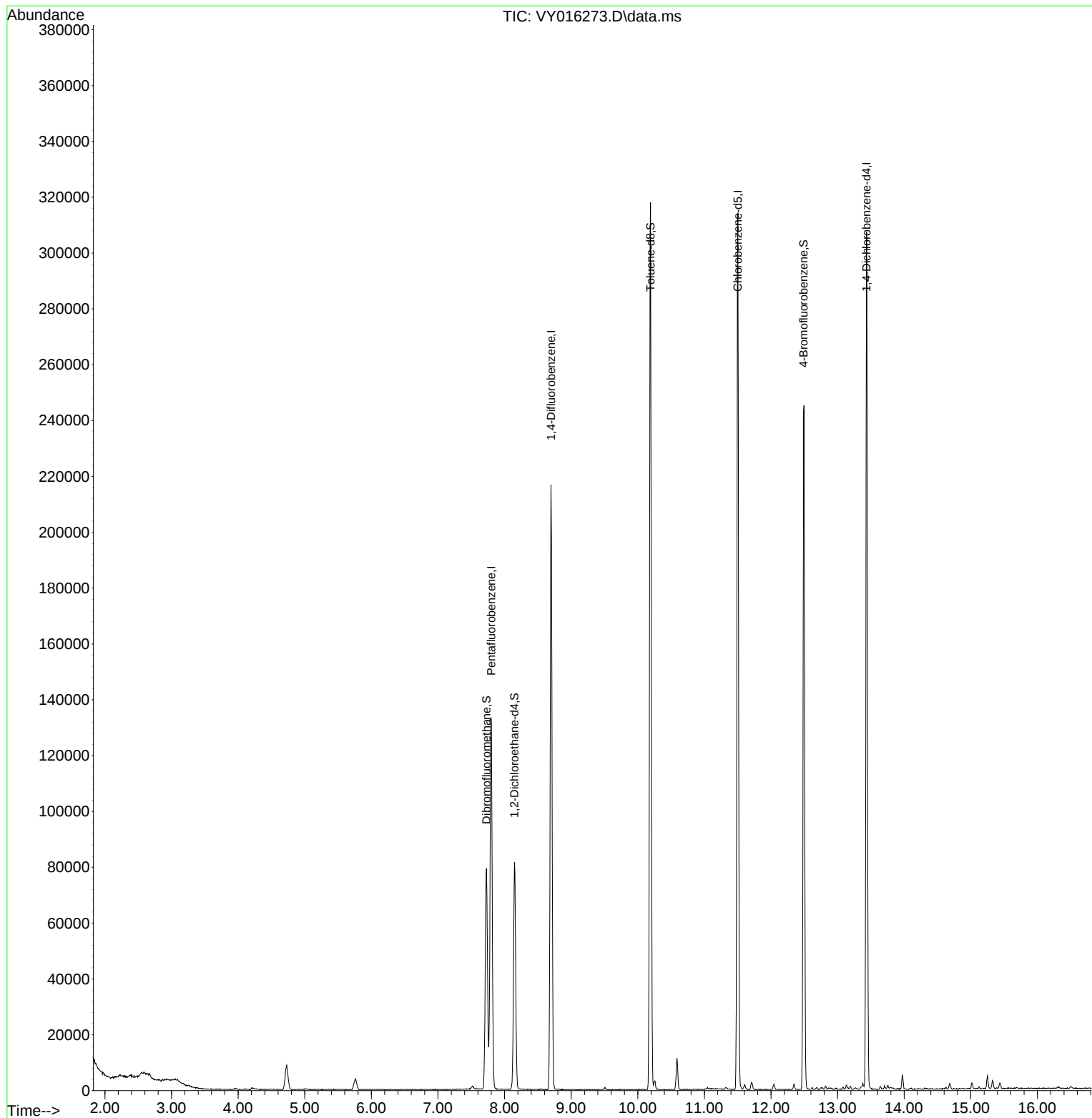
Target Compounds	Qvalue

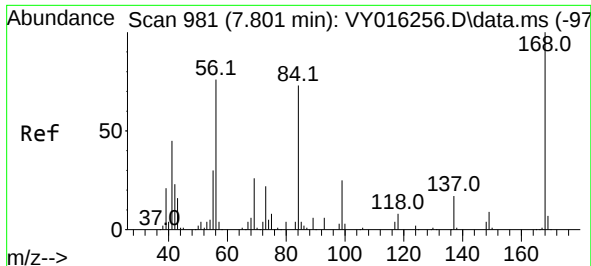
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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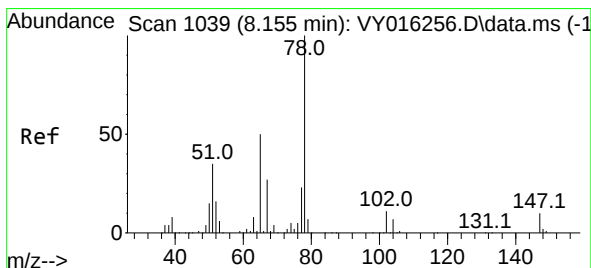
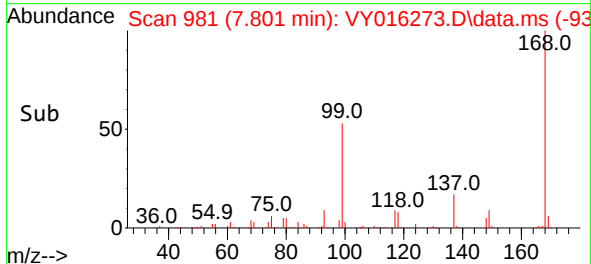
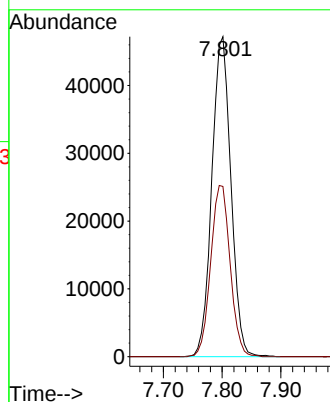
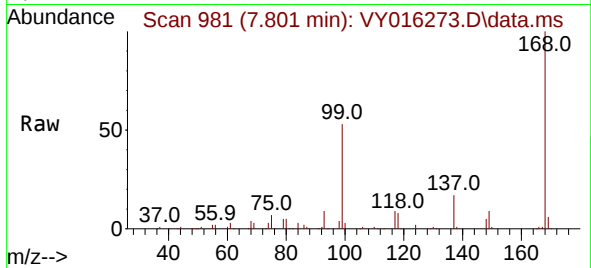




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016273.D
Acq: 09 Nov 2023 11:53

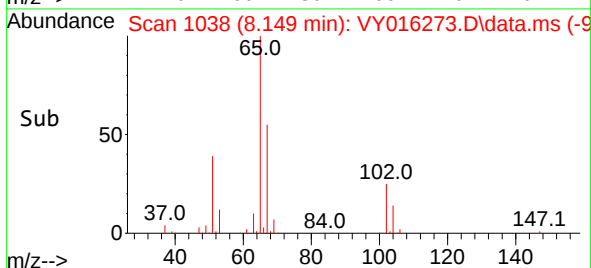
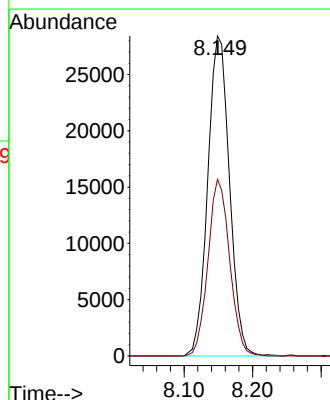
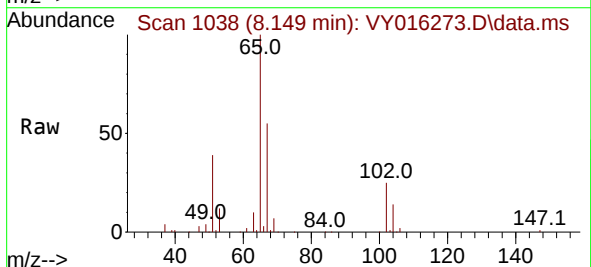
Instrument :
MSVOA_Y
ClientSampleId :
RB-21148

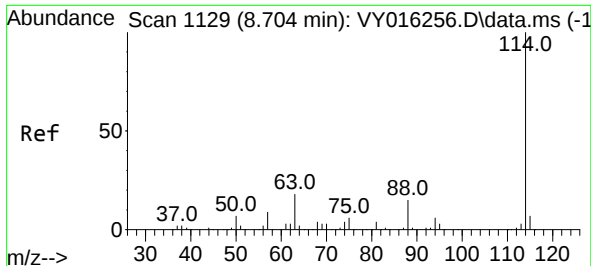
Tgt Ion:168 Resp: 106421
Ion Ratio Lower Upper
168 100
99 53.2 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 64.456 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016273.D
Acq: 09 Nov 2023 11:53

Tgt Ion: 65 Resp: 62693
Ion Ratio Lower Upper
65 100
67 54.9 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: VY016273.D

Acq: 09 Nov 2023 11:53

Instrument :

MSVOA_Y

ClientSampleId :

RB-21148

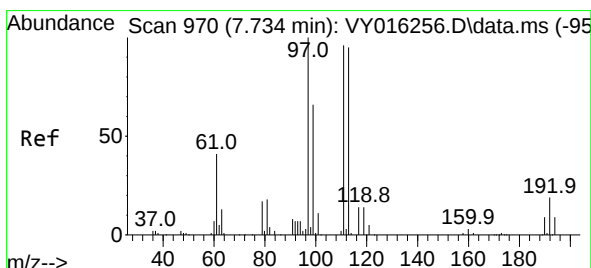
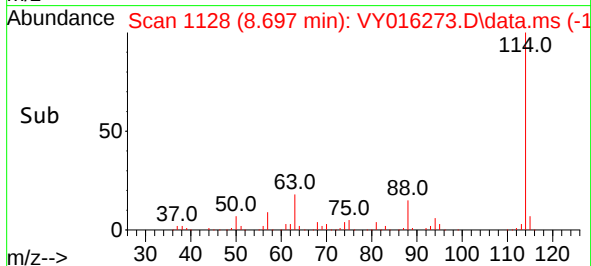
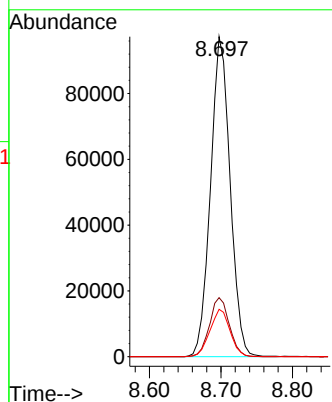
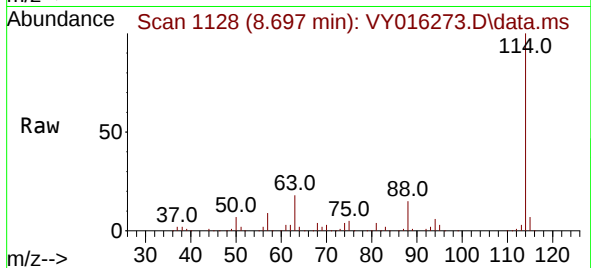
Tgt Ion:114 Resp: 185273

Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.146 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY016273.D

Acq: 09 Nov 2023 11:53

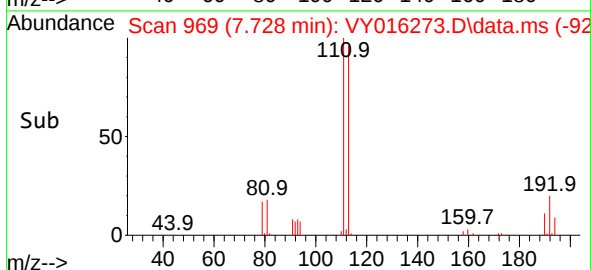
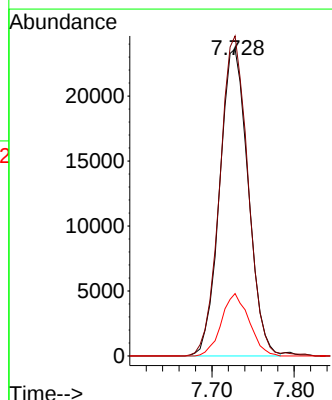
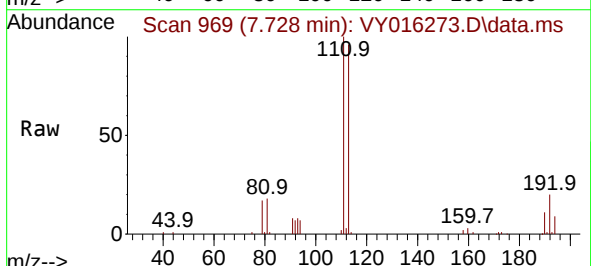
Tgt Ion:113 Resp: 56987

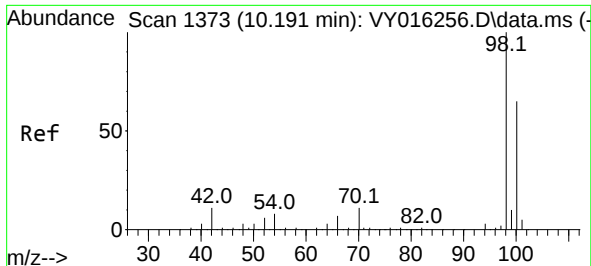
Ion Ratio Lower Upper

113 100

111 103.1 81.3 121.9

192 19.7 16.9 25.3

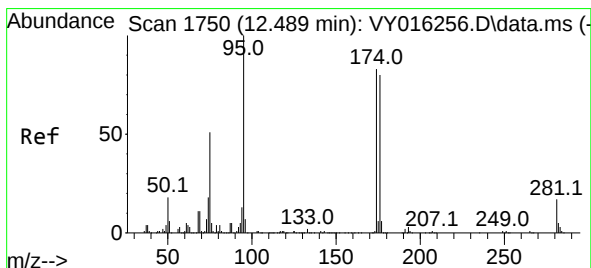
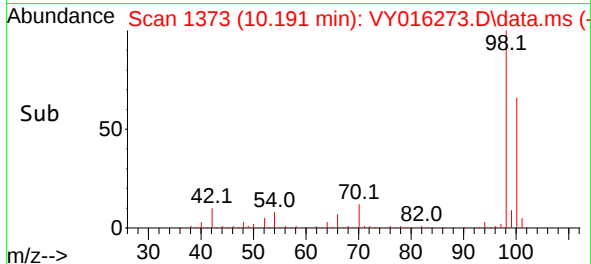
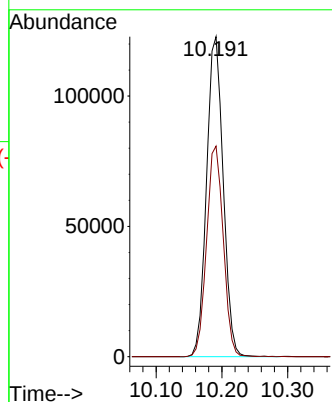
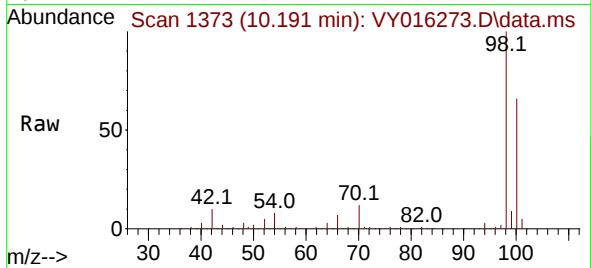




#50
Toluene-d8
Concen: 50.583 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016273.D
Acq: 09 Nov 2023 11:53

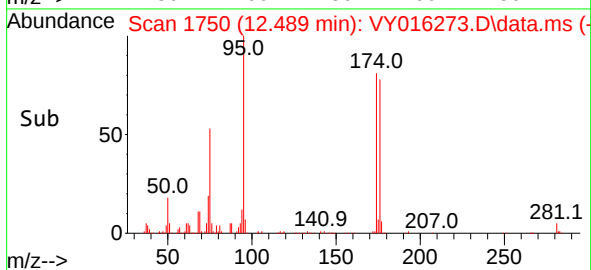
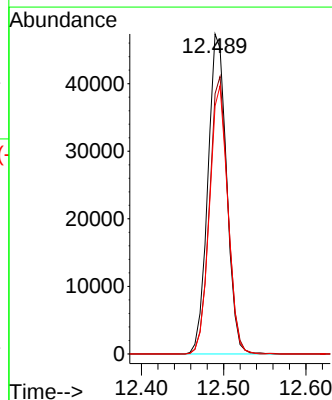
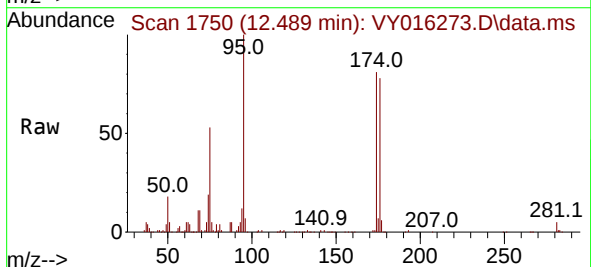
Instrument :
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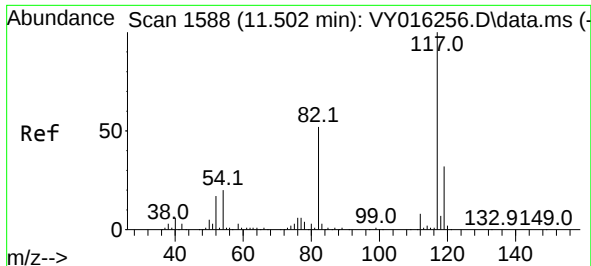
Tgt Ion: 98 Resp: 215885
Ion Ratio Lower Upper
98 100
100 66.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 54.006 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016273.D
Acq: 09 Nov 2023 11:53

Tgt Ion: 95 Resp: 74862
Ion Ratio Lower Upper
95 100
174 85.1 0.0 178.2
176 82.2 0.0 173.8

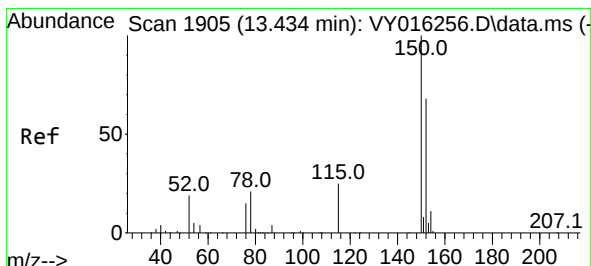
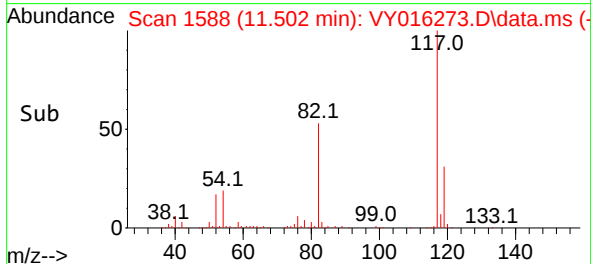
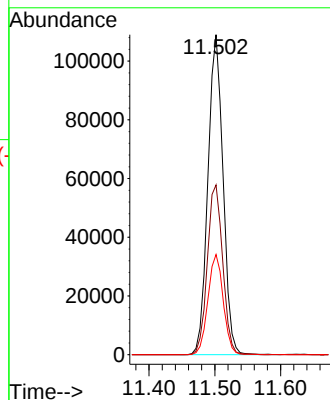
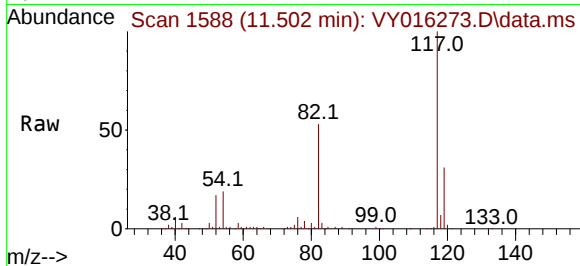




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016273.D
Acq: 09 Nov 2023 11:53

Instrument :
MSVOA_Y
ClientSampleId :
RB-21148

Tgt Ion:117 Resp: 174641
Ion Ratio Lower Upper
117 100
82 53.0 43.4 65.0
119 31.3 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: VY016273.D
Acq: 09 Nov 2023 11:53

Tgt Ion:152 Resp: 80745
Ion Ratio Lower Upper
152 100
115 57.4 28.8 86.5
150 157.7 0.0 348.8

