

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110222\
 Data File : VY011257.D
 Acq On : 02 Nov 2022 13:11
 Operator : KP/MD
 Sample : N5336-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-0-2.0

Quant Time: Nov 03 05:14:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	335661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	575561	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	525342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	246205	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	185275	51.610	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.220%
35) Dibromofluoromethane	7.716	113	191707	51.841	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.680%
50) Toluene-d8	10.179	98	678807	47.278	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.560%
62) 4-Bromofluorobenzene	12.477	95	252783	50.715	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.420%

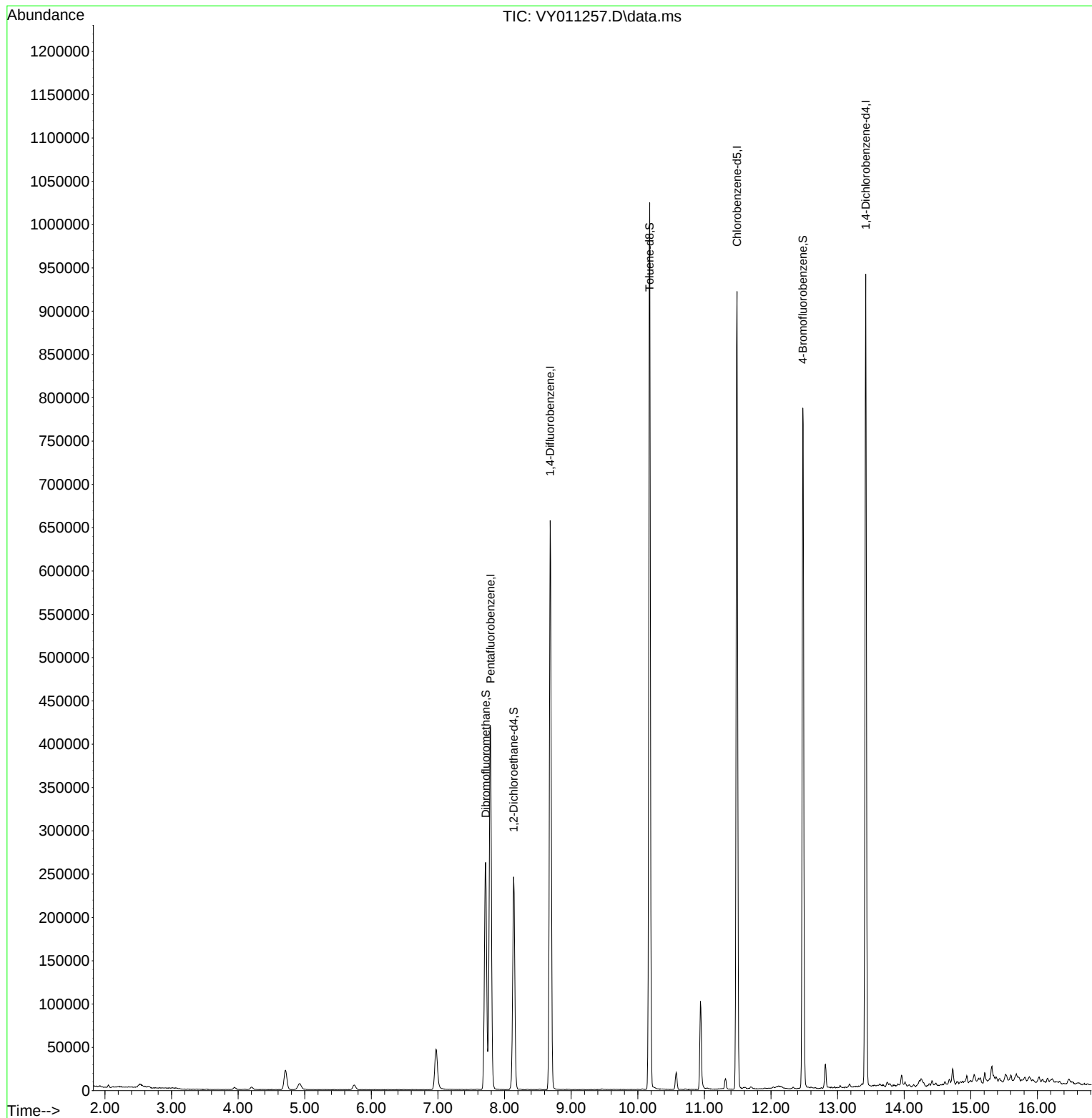
Target Compounds	Qvalue

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

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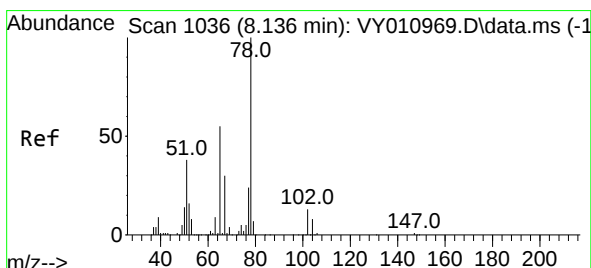
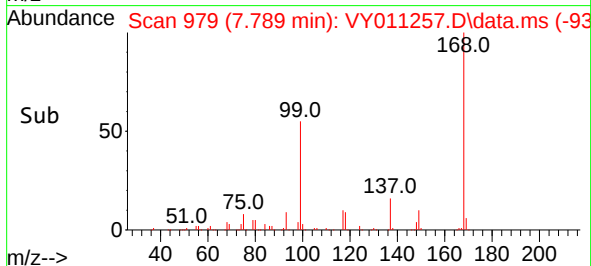
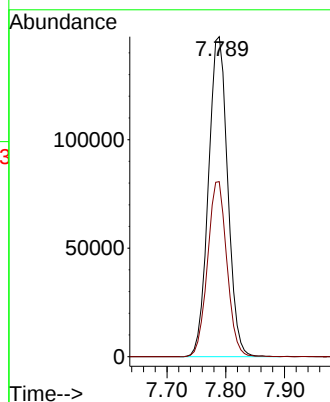
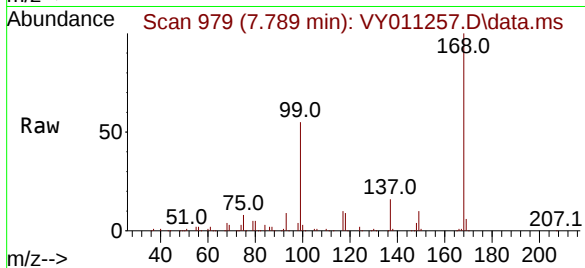




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011257.D
Acq: 02 Nov 2022 13:11

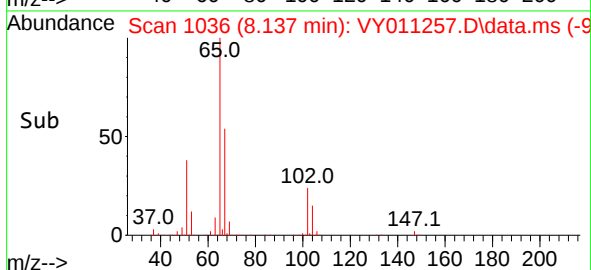
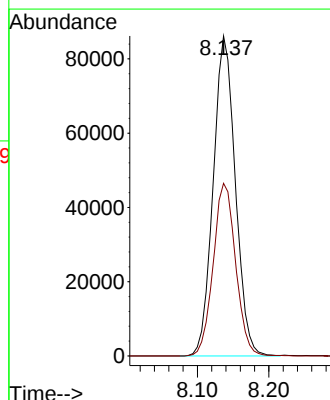
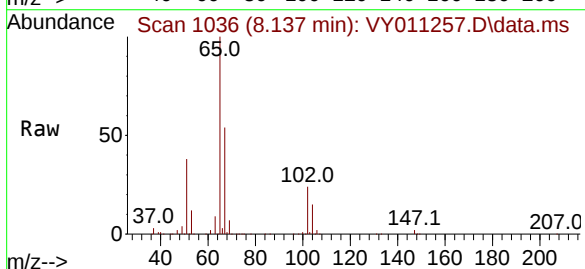
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-0-2.0

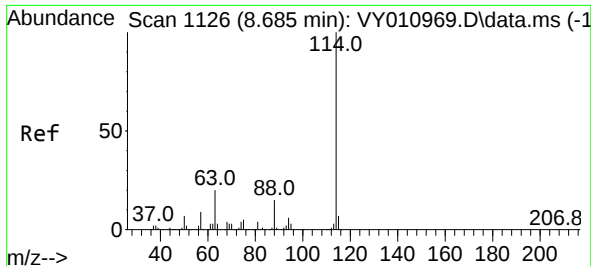
Tgt Ion:168 Resp: 335661
Ion Ratio Lower Upper
168 100
99 54.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 51.610 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY011257.D
Acq: 02 Nov 2022 13:11

Tgt Ion: 65 Resp: 185275
Ion Ratio Lower Upper
65 100
67 54.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011257.D

Acq: 02 Nov 2022 13:11

Instrument :

MSVOA_Y

ClientSampleId :

SB-01-0-2.0

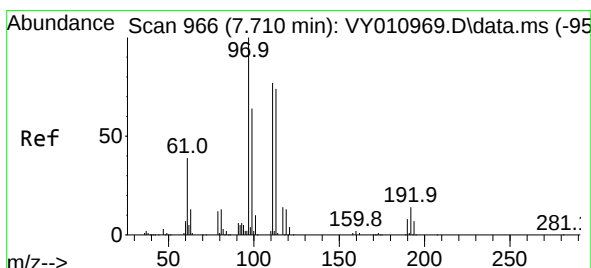
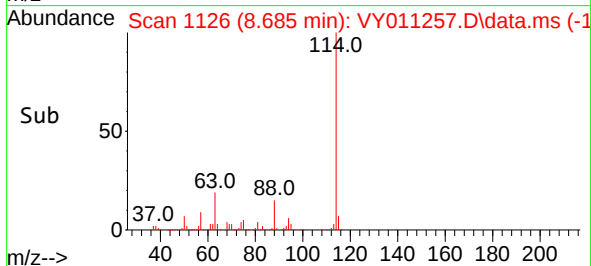
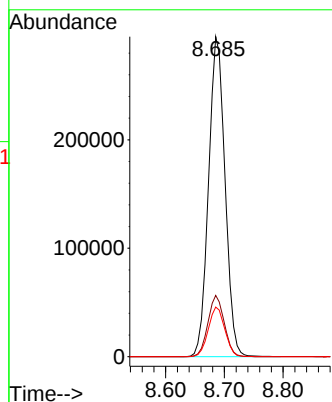
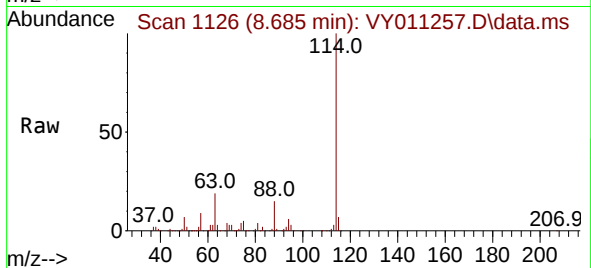
Tgt Ion:114 Resp: 575561

Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 15.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.841 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011257.D

Acq: 02 Nov 2022 13:11

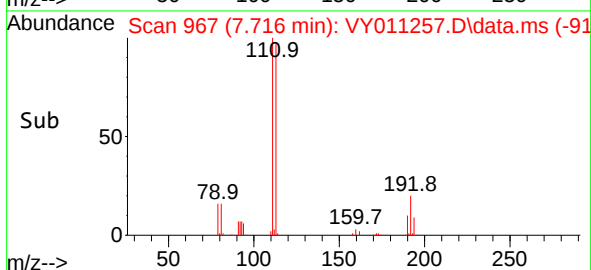
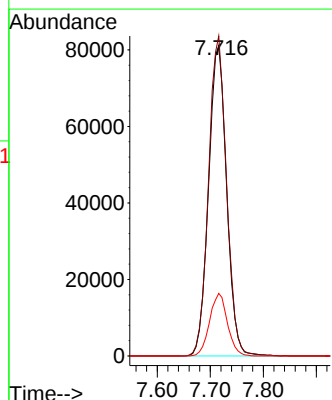
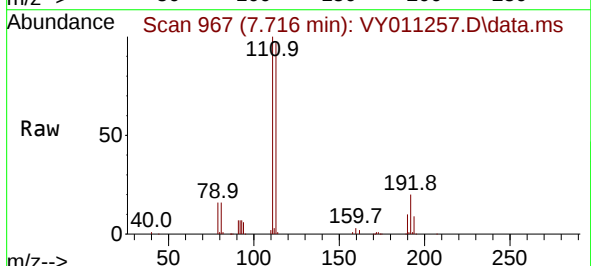
Tgt Ion:113 Resp: 191707

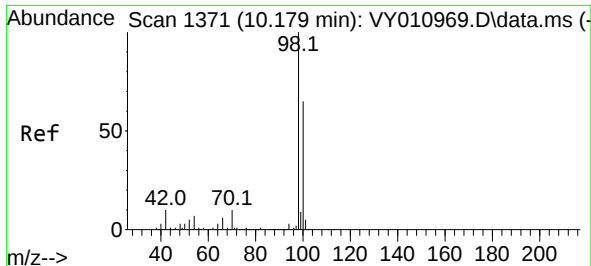
Ion Ratio Lower Upper

113 100

111 102.9 82.6 124.0

192 19.9 17.6 26.4

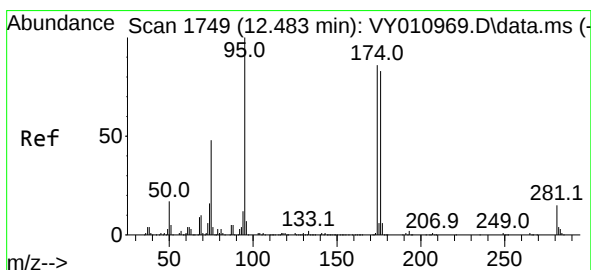
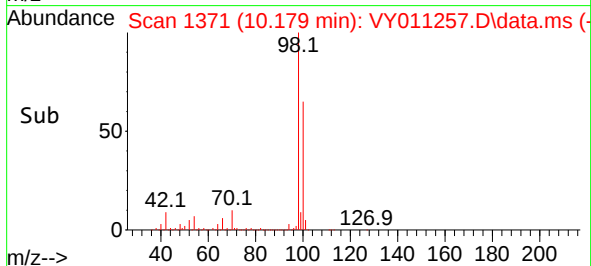
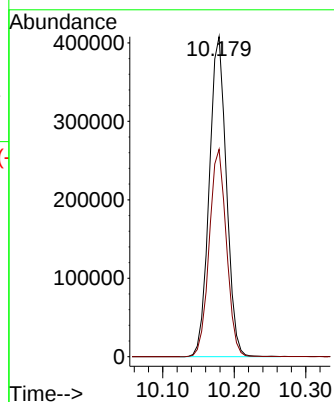
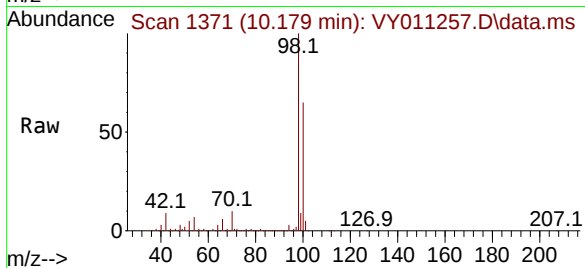




#50
Toluene-d8
Concen: 47.278 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011257.D
Acq: 02 Nov 2022 13:11

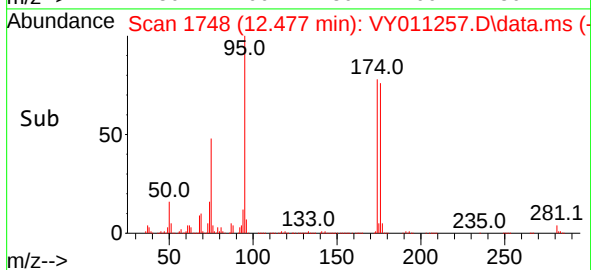
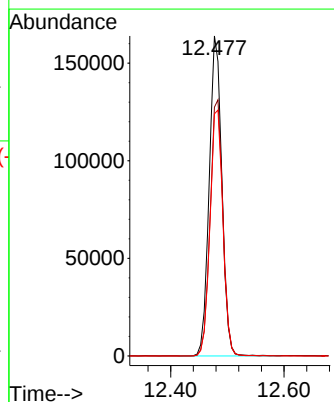
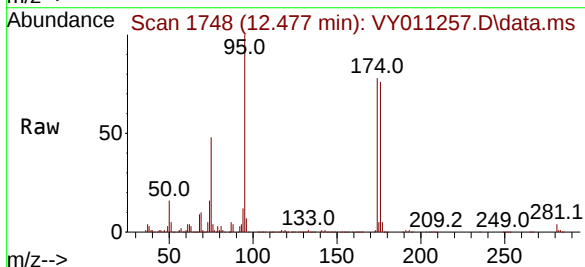
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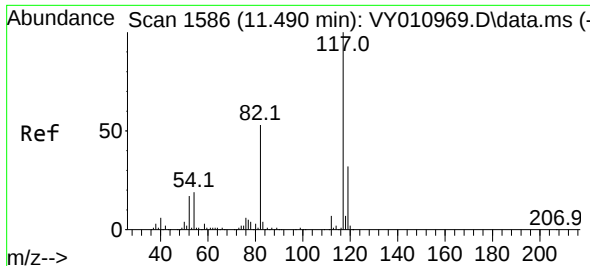
Tgt Ion: 98 Resp: 678807
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.715 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011257.D
Acq: 02 Nov 2022 13:11

Tgt Ion: 95 Resp: 252783
Ion Ratio Lower Upper
95 100
174 81.5 0.0 177.0
176 78.5 0.0 175.8

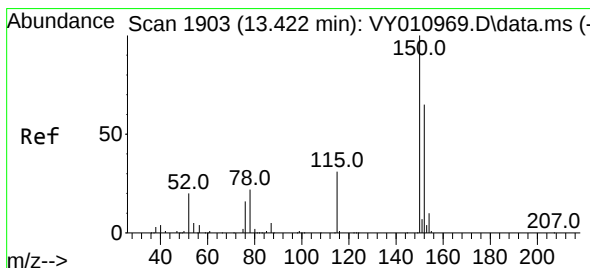
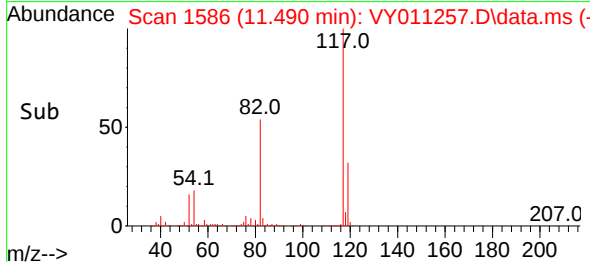
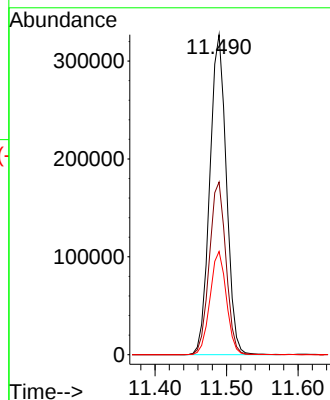
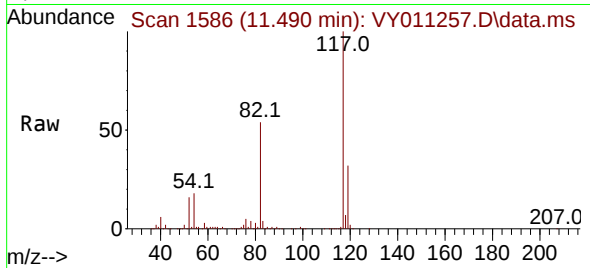




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011257.D
Acq: 02 Nov 2022 13:11

Instrument :
MSVOA_Y
ClientSampleId :
SB-01-0-2.0

Tgt Ion:117 Resp: 525342
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.4
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011257.D
Acq: 02 Nov 2022 13:11

Tgt Ion:152 Resp: 246205
Ion Ratio Lower Upper
152 100
115 58.8 28.2 84.7
150 157.2 0.0 347.6

