

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
 Data File : VY011157.D
 Acq On : 28 Oct 2022 15:02
 Operator : KP/MD
 Sample : N5256-09RE
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-N2-13.5-14.0RE

Quant Time: Oct 28 23:45:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 23:42:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	54860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	88646	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	79274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	30639	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	35504	62.588	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.180%
35) Dibromofluoromethane	7.716	113	35625	65.350	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	130.700%
50) Toluene-d8	10.179	98	123903	57.371	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	114.740%
62) 4-Bromofluorobenzene	12.477	95	34946	49.452	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.900%

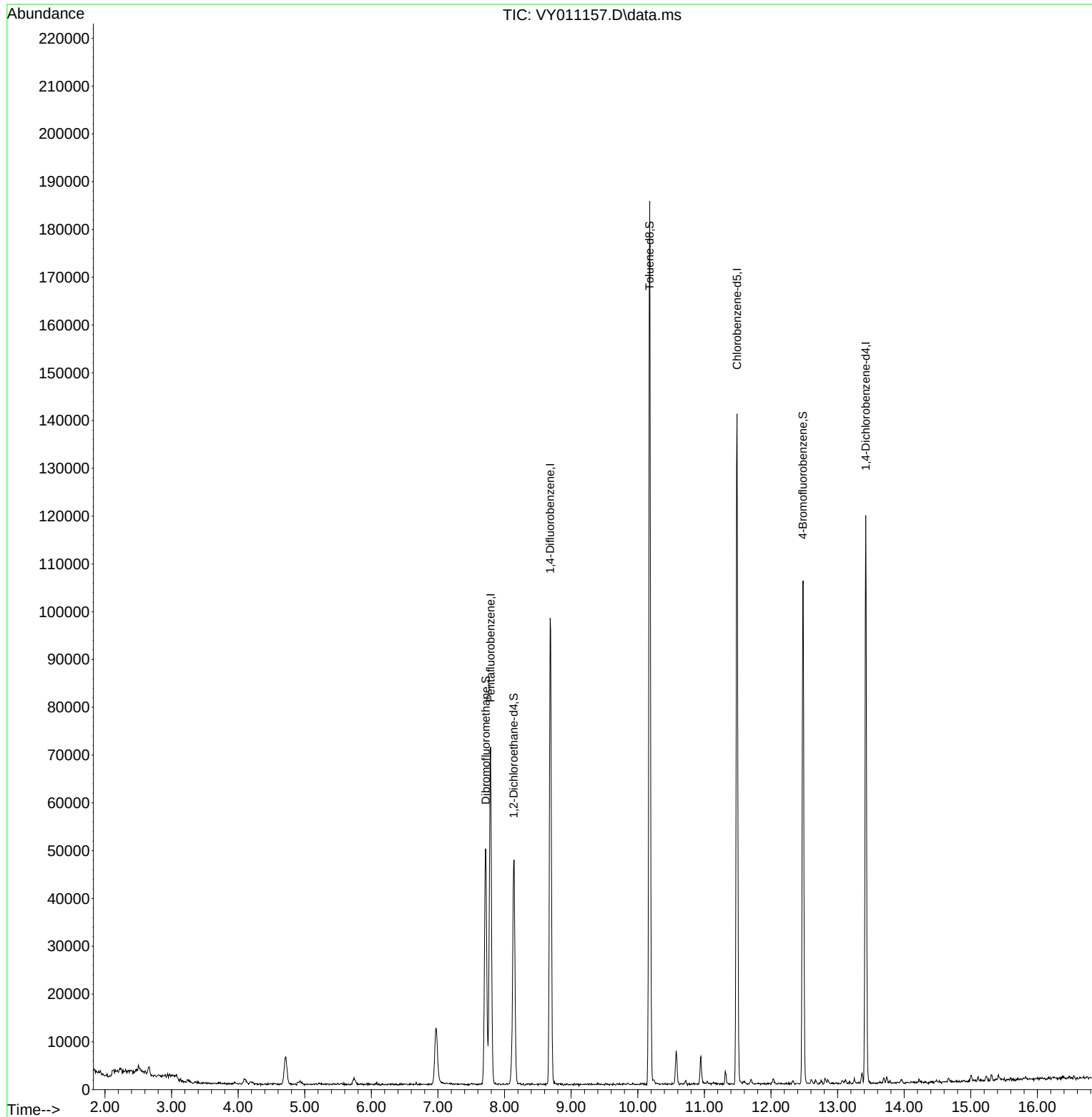
Target Compounds	Qvalue

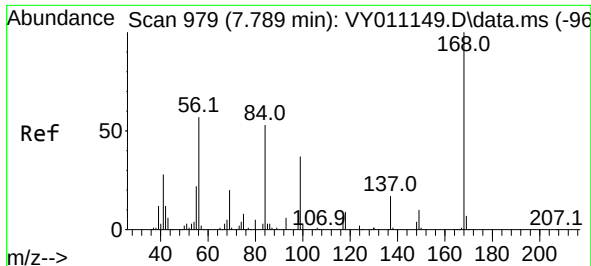
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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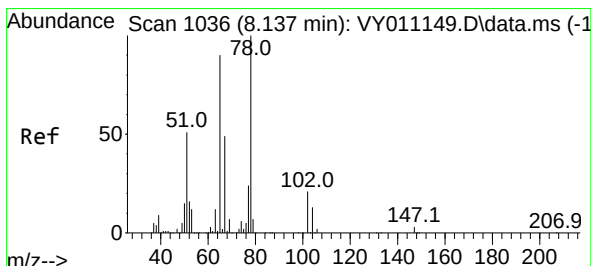
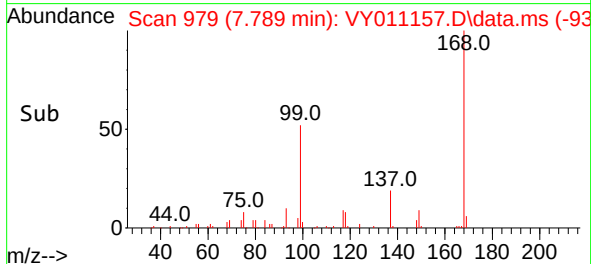
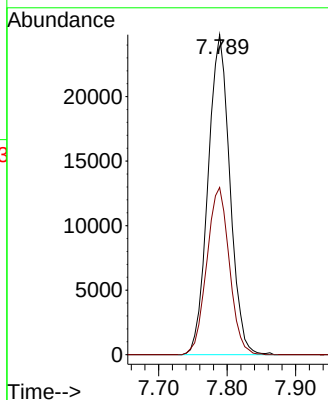
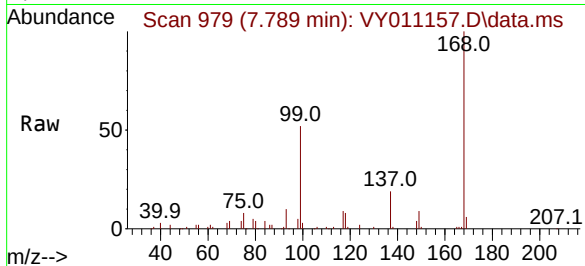




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011157.D
Acq: 28 Oct 2022 15:02

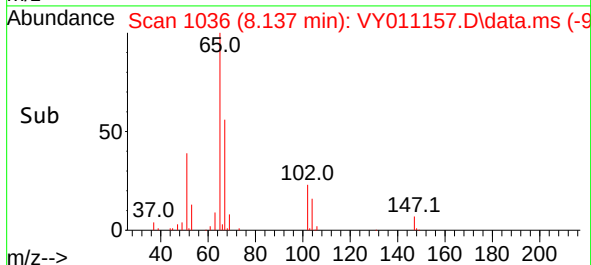
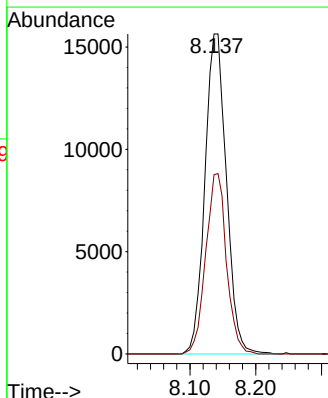
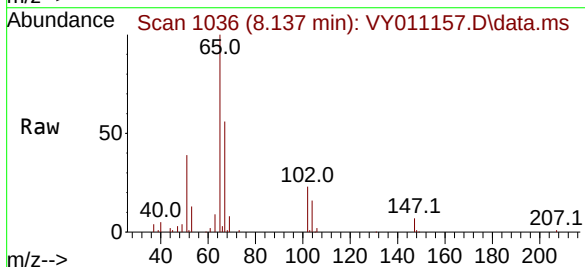
Instrument :
MSVOA_Y
ClientSampleId :
SB-N2-13.5-14.0RE

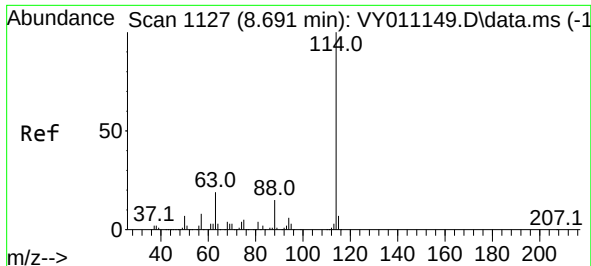
Tgt Ion:168 Resp: 54860
Ion Ratio Lower Upper
168 100
99 52.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 62.588 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY011157.D
Acq: 28 Oct 2022 15:02

Tgt Ion: 65 Resp: 35504
Ion Ratio Lower Upper
65 100
67 54.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY011157.D

Acq: 28 Oct 2022 15:02

Instrument :

MSVOA_Y

ClientSampleId :

SB-N2-13.5-14.0RE

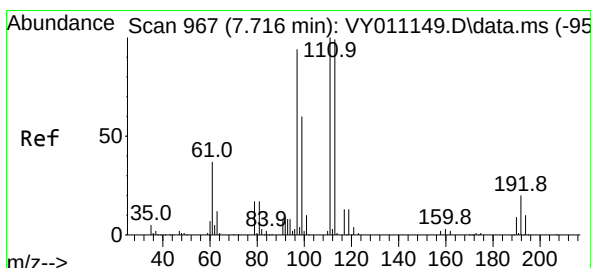
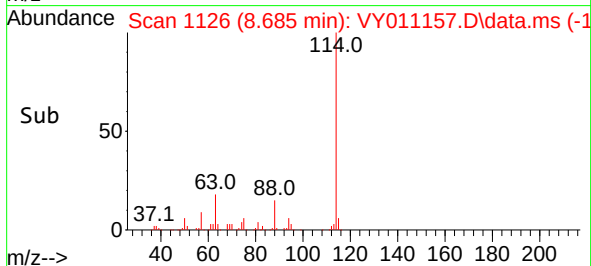
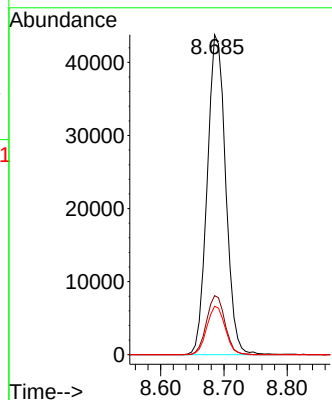
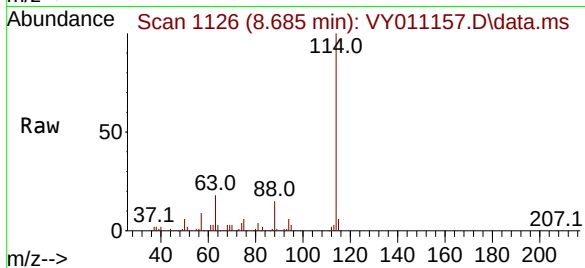
Tgt Ion:114 Resp: 88646

Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 65.350 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011157.D

Acq: 28 Oct 2022 15:02

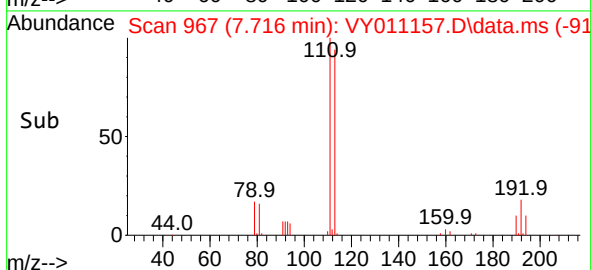
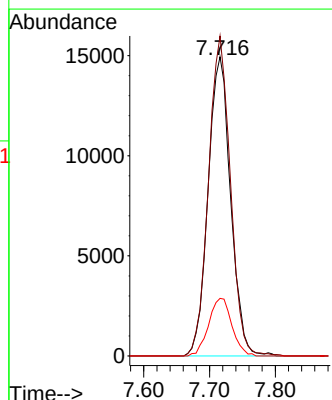
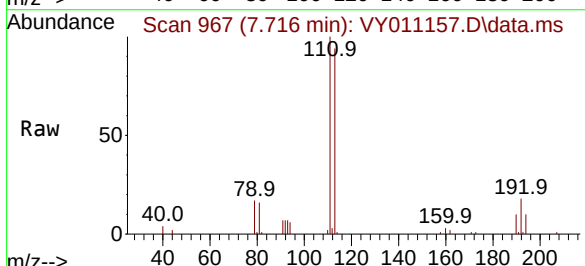
Tgt Ion:113 Resp: 35625

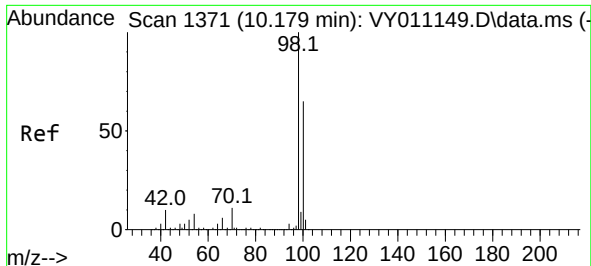
Ion Ratio Lower Upper

113 100

111 103.9 82.6 124.0

192 19.9 17.6 26.4

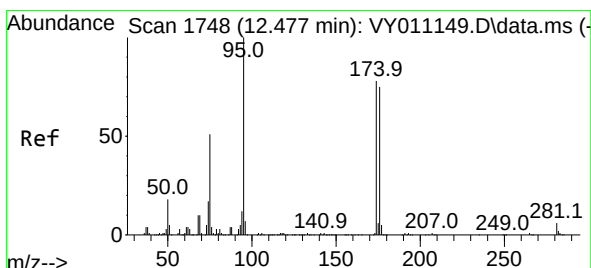
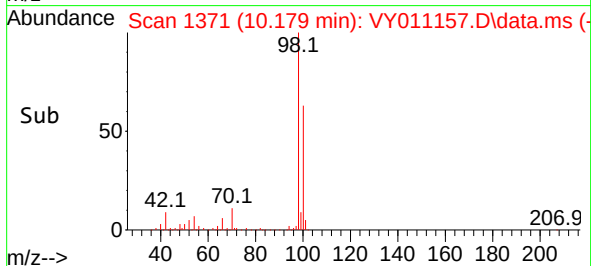
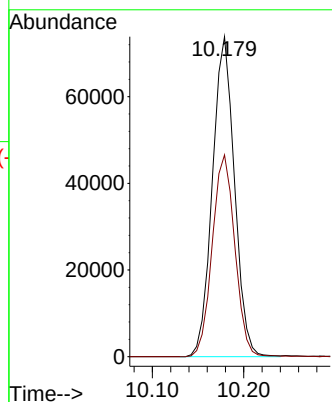
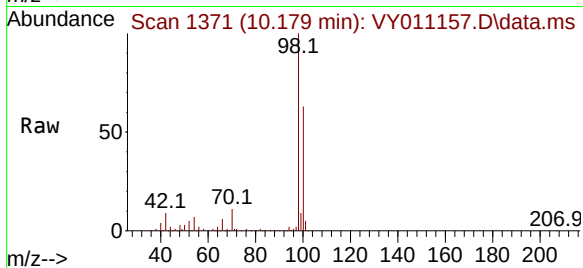




#50
Toluene-d8
Concen: 57.371 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011157.D
Acq: 28 Oct 2022 15:02

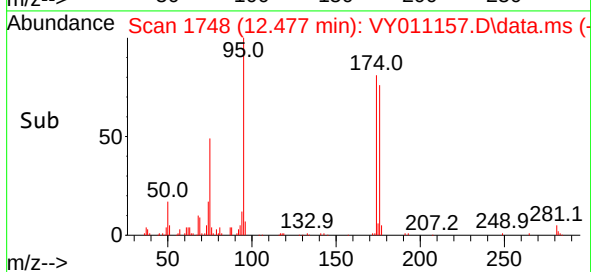
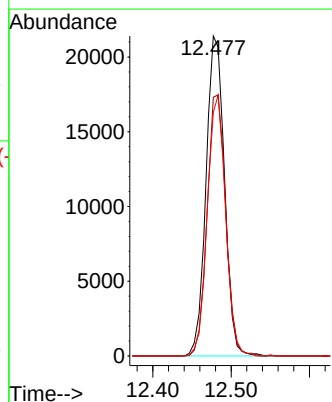
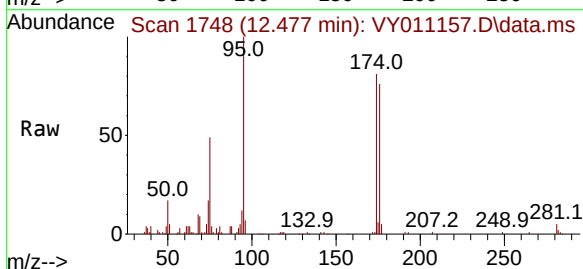
Instrument :
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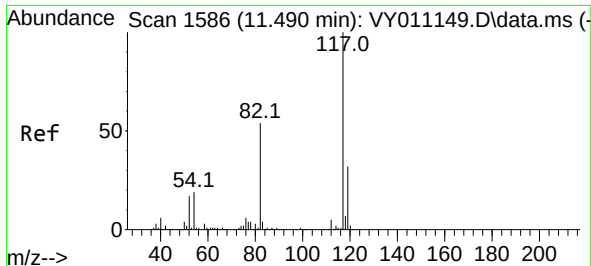
Tgt Ion: 98 Resp: 123903
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.452 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY011157.D
Acq: 28 Oct 2022 15:02

Tgt Ion: 95 Resp: 34946
Ion Ratio Lower Upper
95 100
174 82.5 0.0 177.0
176 80.5 0.0 175.8

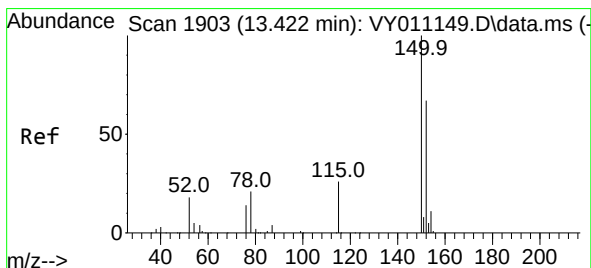
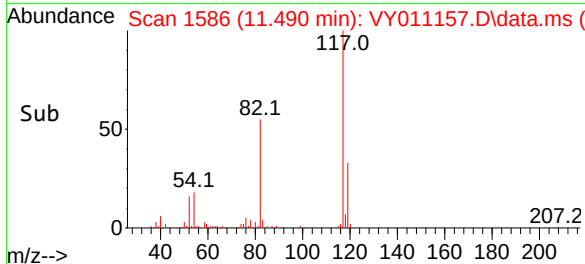
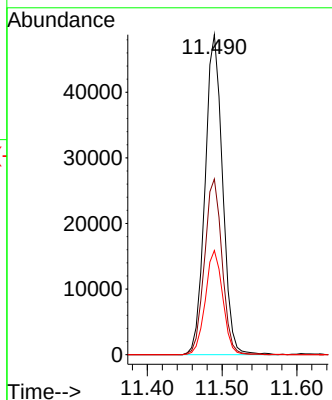
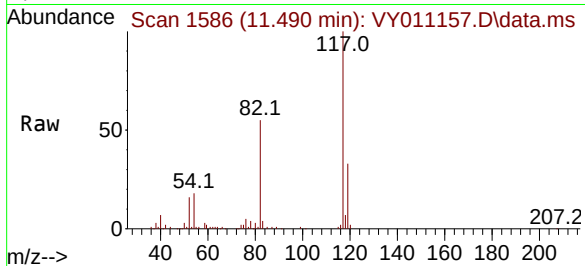




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011157.D
Acq: 28 Oct 2022 15:02

Instrument :
MSVOA_Y
ClientSampleId :
SB-N2-13.5-14.0RE

Tgt Ion:117 Resp: 79274
Ion Ratio Lower Upper
117 100
82 54.9 43.0 64.4
119 32.5 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: VY011157.D
Acq: 28 Oct 2022 15:02

Tgt Ion:152 Resp: 30639
Ion Ratio Lower Upper
152 100
115 59.7 28.2 84.7
150 164.9 0.0 347.6

