

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110222\
 Data File : VY011269.D
 Acq On : 02 Nov 2022 17:42
 Operator : KP/MD
 Sample : N5395-13
 Misc : 4.94g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-13-103122

Quant Time: Nov 03 05:19:00 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	221230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	345009	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	213885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	48858	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	125051	52.852	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.700%
35) Dibromofluoromethane	7.710	113	135183	60.985	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	121.960%
50) Toluene-d8	10.179	98	385929	44.842	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.680%
62) 4-Bromofluorobenzene	12.477	95	80973	27.101	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	54.200%

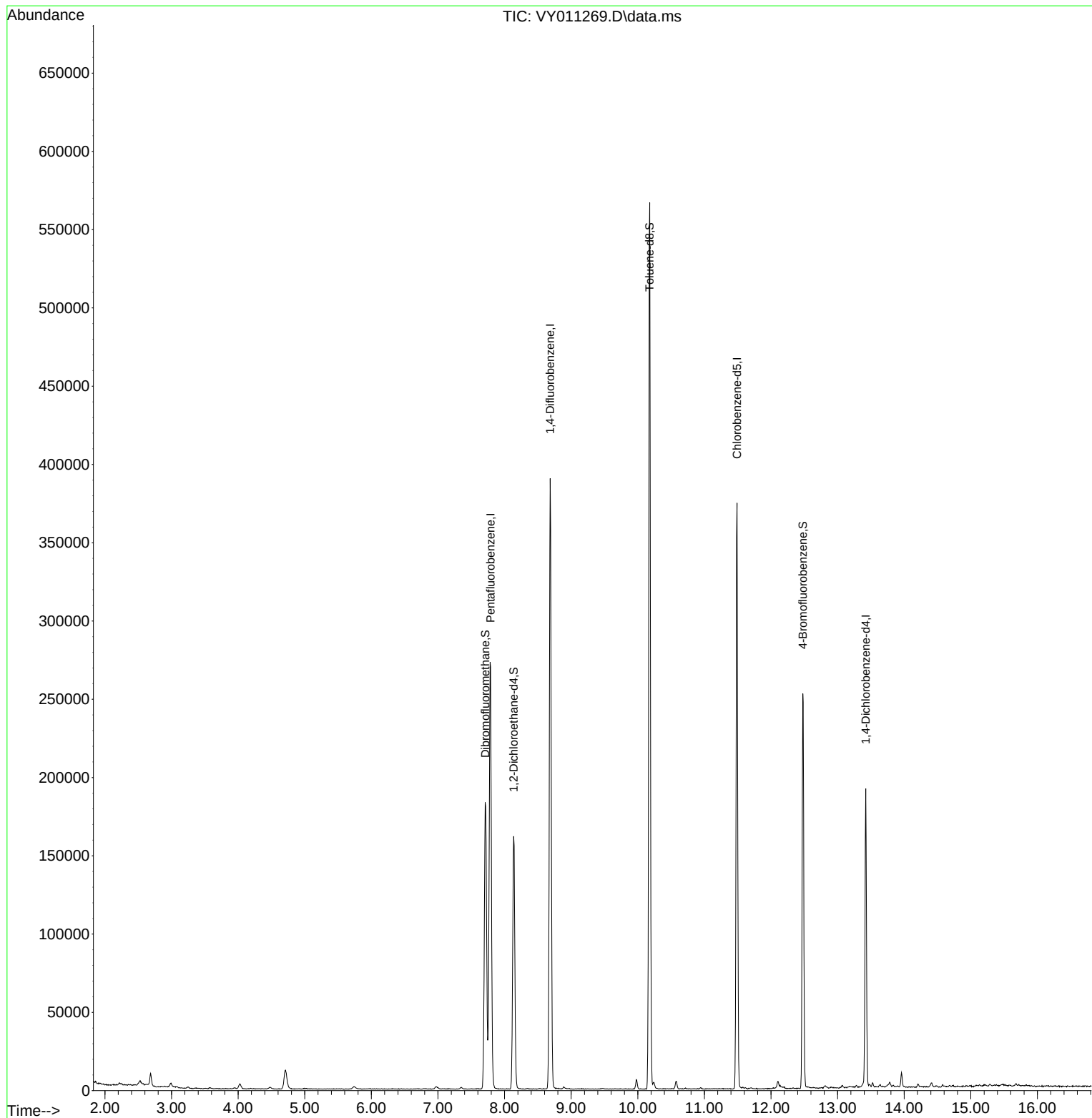
Target Compounds	Qvalue

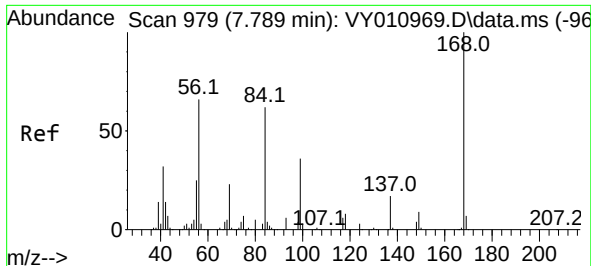
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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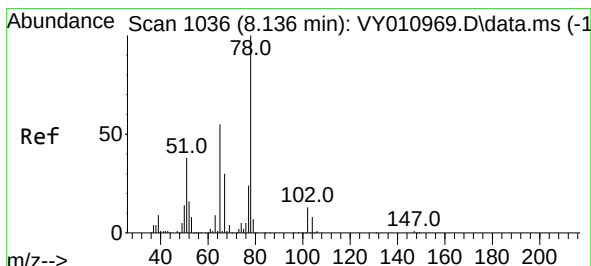
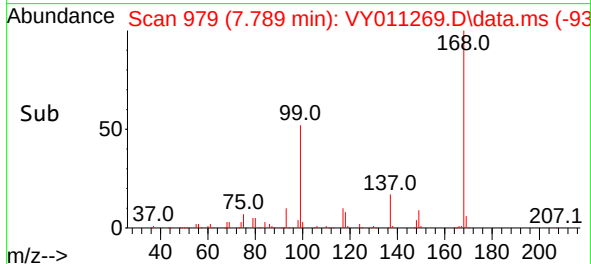
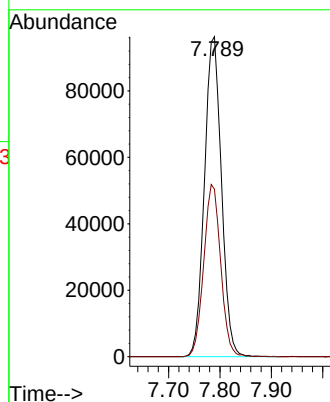
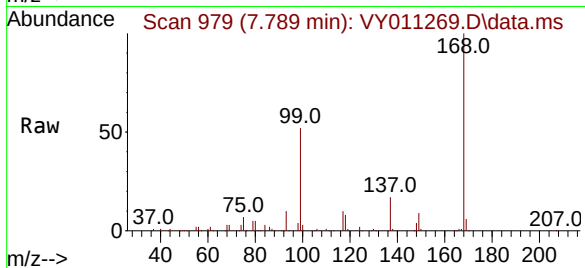




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011269.D
Acq: 02 Nov 2022 17:42

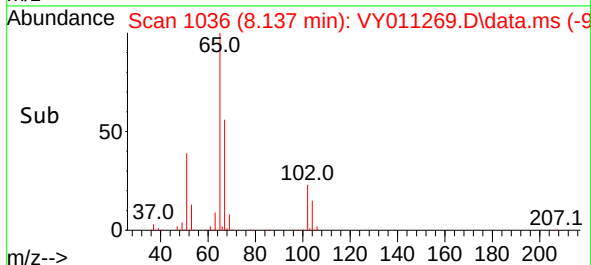
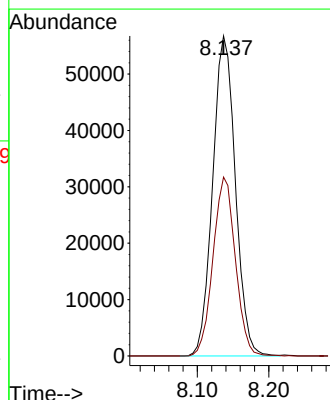
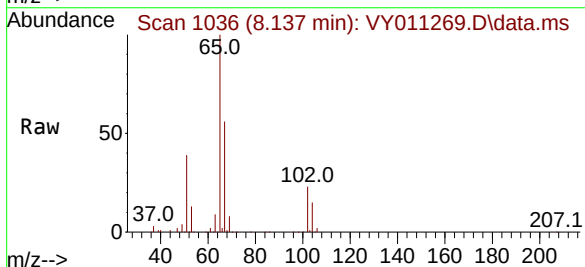
Instrument :
MSVOA_Y
ClientSampleId :
S-13-103122

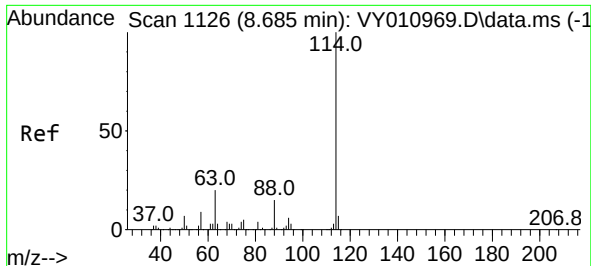
Tgt Ion:168 Resp: 221230
Ion Ratio Lower Upper
168 100
99 52.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 52.852 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY011269.D
Acq: 02 Nov 2022 17:42

Tgt Ion: 65 Resp: 125051
Ion Ratio Lower Upper
65 100
67 55.1 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: VY011269.D

Acq: 02 Nov 2022 17:42

Instrument :

MSVOA_Y

ClientSampleId :

S-13-103122

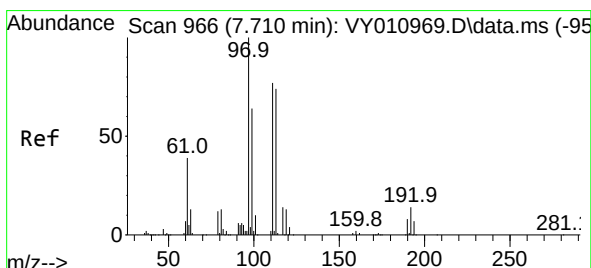
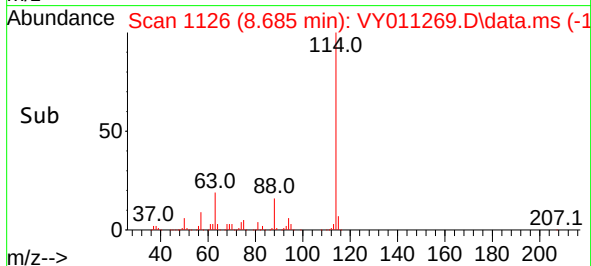
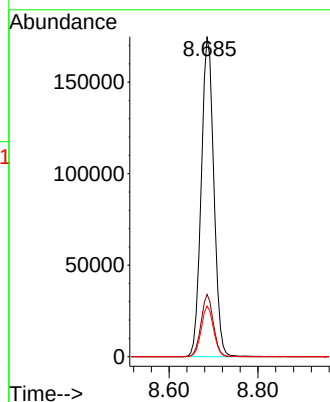
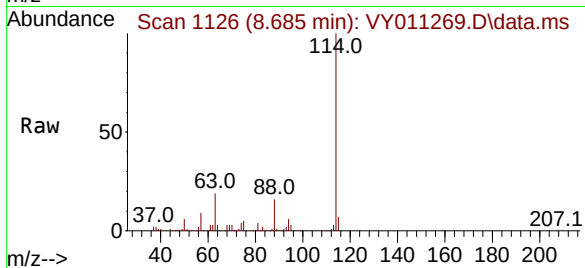
Tgt Ion:114 Resp: 345009

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 15.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 60.985 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY011269.D

Acq: 02 Nov 2022 17:42

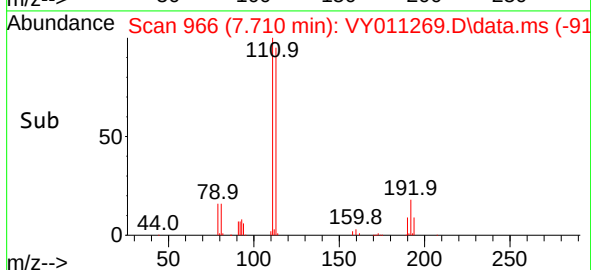
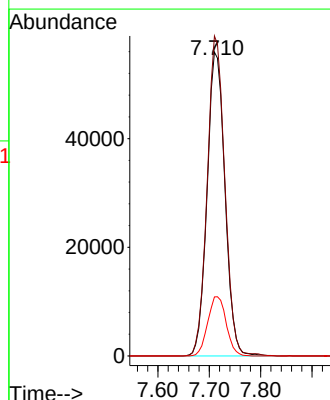
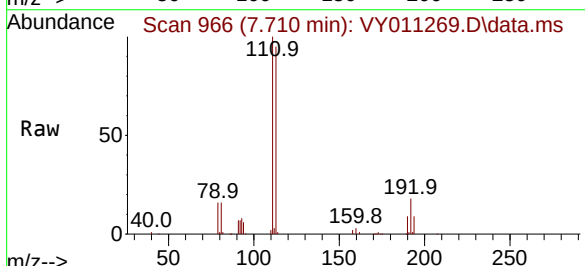
Tgt Ion:113 Resp: 135183

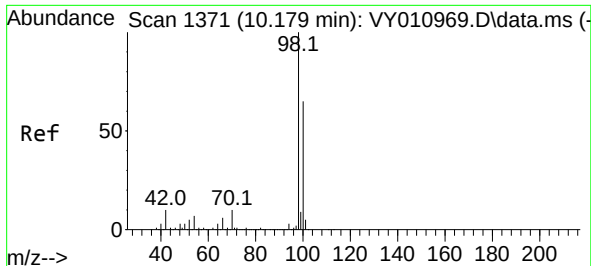
Ion Ratio Lower Upper

113 100

111 103.9 82.6 124.0

192 20.2 17.6 26.4

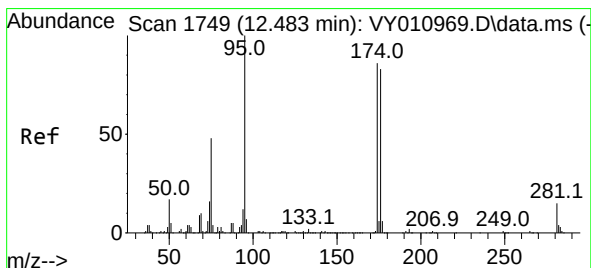
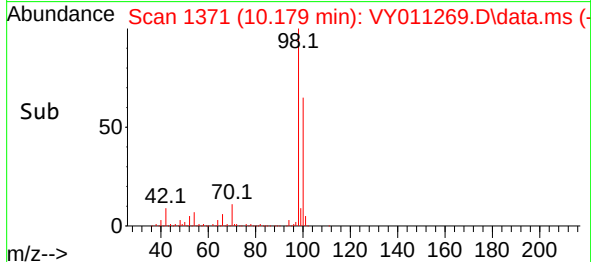
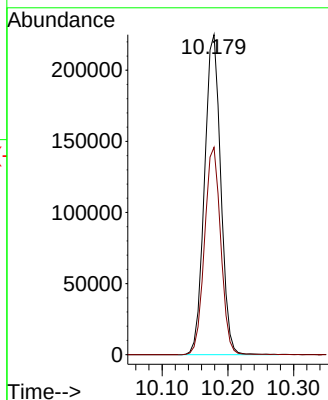
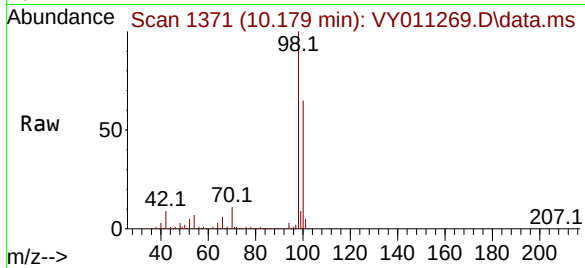




#50
Toluene-d8
Concen: 44.842 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011269.D
Acq: 02 Nov 2022 17:42

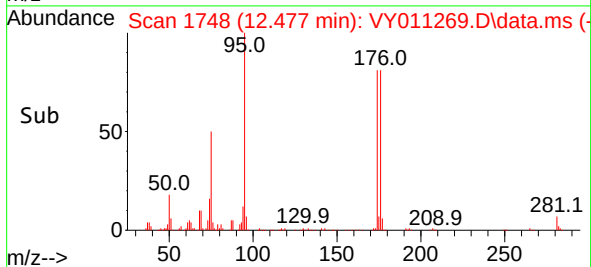
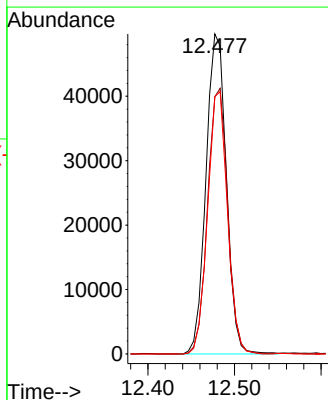
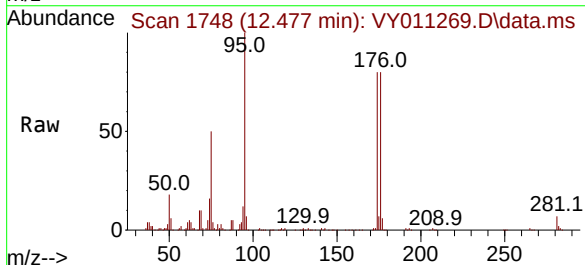
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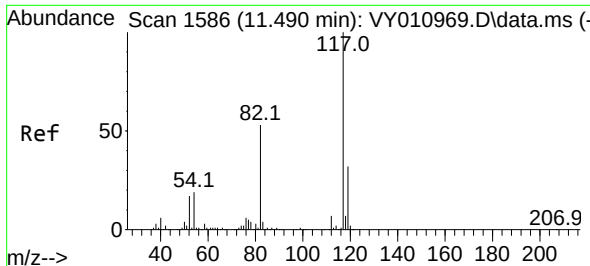
Tgt Ion: 98 Resp: 385929
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 27.101 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011269.D
Acq: 02 Nov 2022 17:42

Tgt Ion: 95 Resp: 80973
Ion Ratio Lower Upper
95 100
174 82.9 0.0 177.0
176 79.6 0.0 175.8

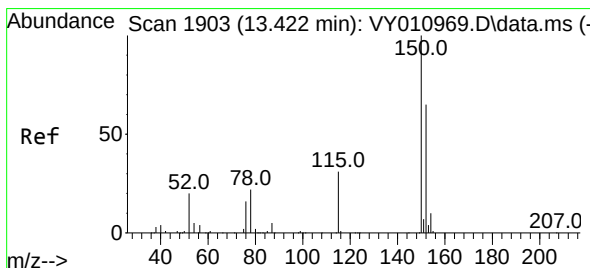
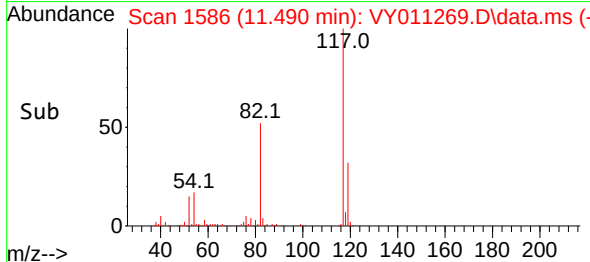
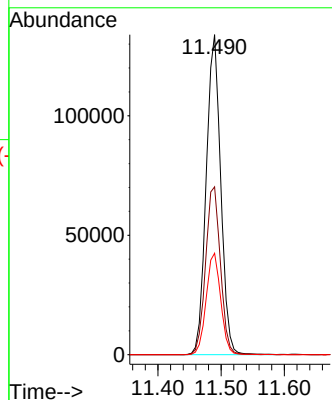
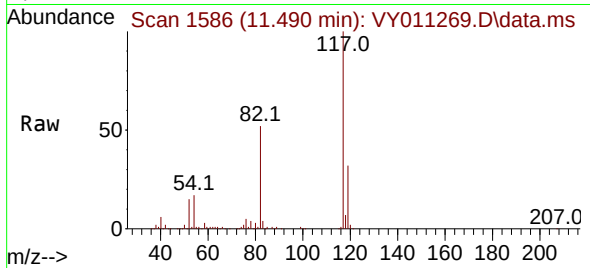




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011269.D
Acq: 02 Nov 2022 17:42

Instrument :
MSVOA_Y
ClientSampleId :
S-13-103122

Tgt Ion:117 Resp: 213885
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 31.7 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: VY011269.D
Acq: 02 Nov 2022 17:42

Tgt Ion:152 Resp: 48858
Ion Ratio Lower Upper
152 100
115 59.8 28.2 84.7
150 159.9 0.0 347.6

