

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110222\
 Data File : VY011258.D
 Acq On : 02 Nov 2022 13:33
 Operator : KP/MD
 Sample : N5395-01
 Misc : 5.95g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-1-103122

Quant Time: Nov 03 05:15:04 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	300796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	530311	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	416980	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	152985	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	159172	49.478	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.960%
35) Dibromofluoromethane	7.716	113	176242	51.726	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.460%
50) Toluene-d8	10.179	98	580191	43.858	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.720%
62) 4-Bromofluorobenzene	12.477	95	175732	38.265	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.520%

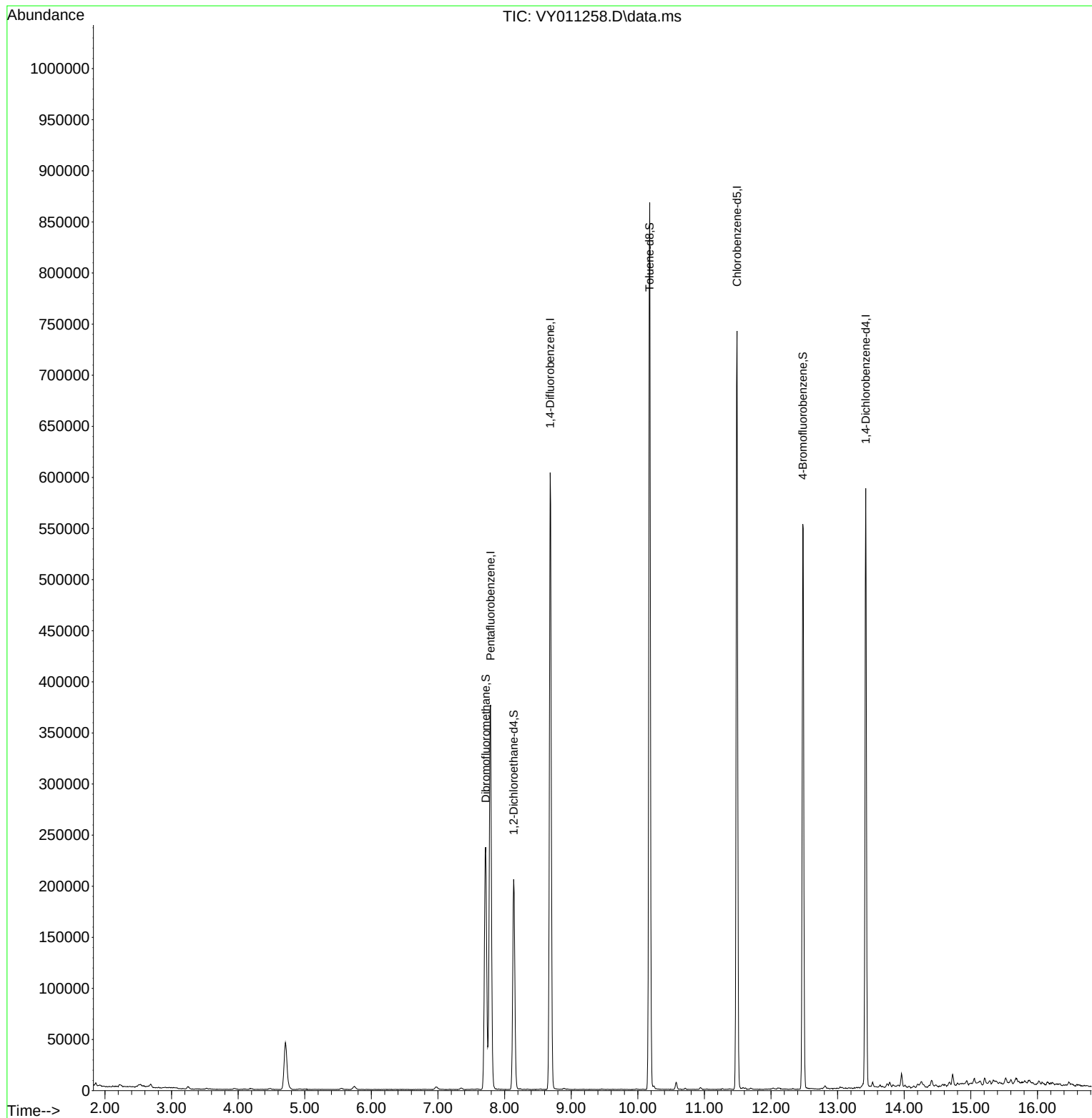
Target Compounds	Qvalue

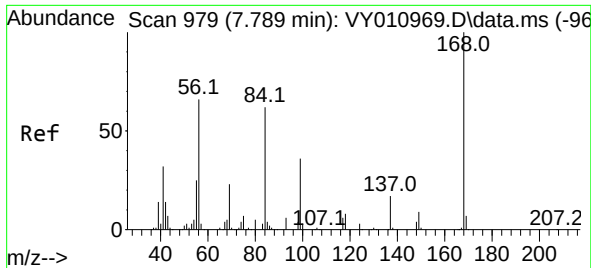
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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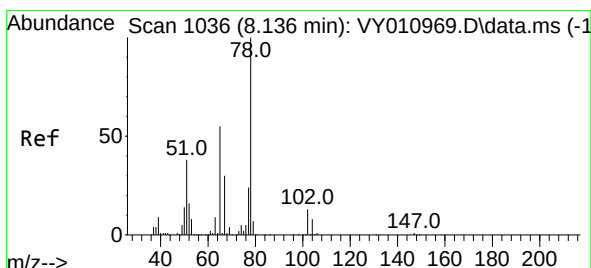
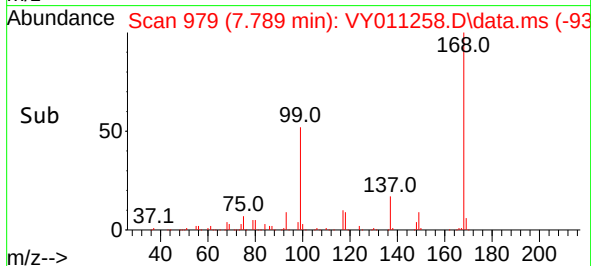
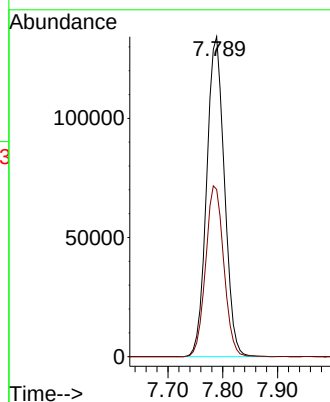
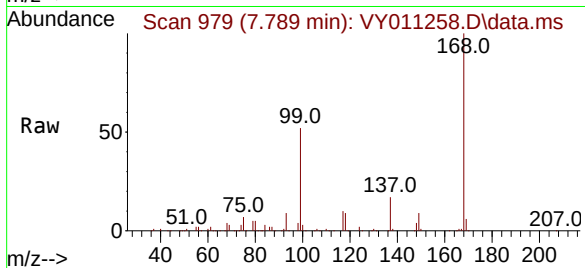




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011258.D
Acq: 02 Nov 2022 13:33

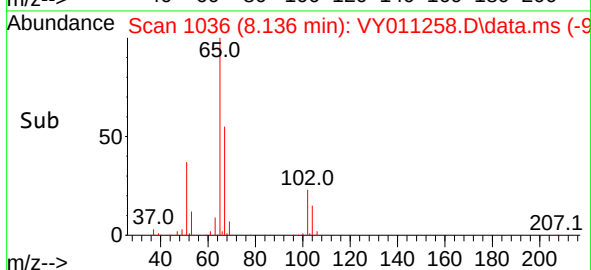
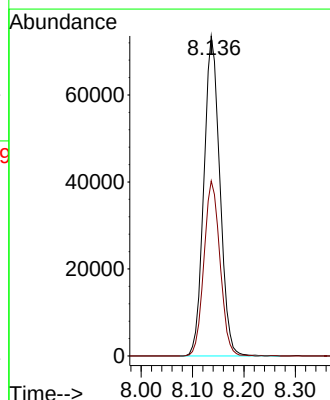
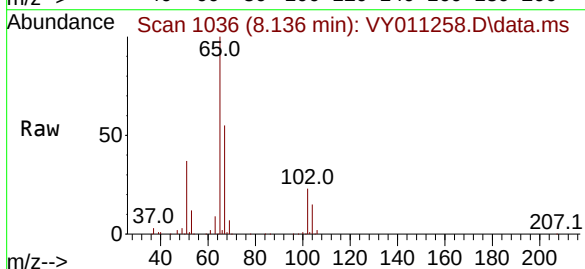
Instrument :
MSVOA_Y
ClientSampleId :
S-1-103122

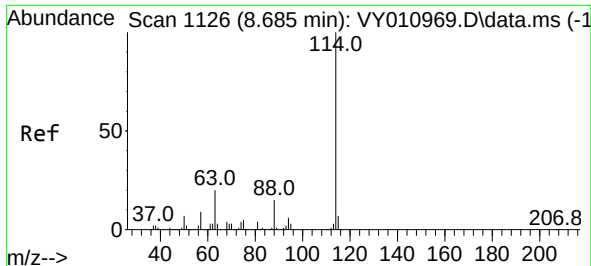
Tgt Ion:168 Resp: 300796
Ion Ratio Lower Upper
168 100
99 52.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 49.478 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011258.D
Acq: 02 Nov 2022 13:33

Tgt Ion: 65 Resp: 159172
Ion Ratio Lower Upper
65 100
67 54.8 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: VY011258.D

Acq: 02 Nov 2022 13:33

Instrument :

MSVOA_Y

ClientSampleId :

S-1-103122

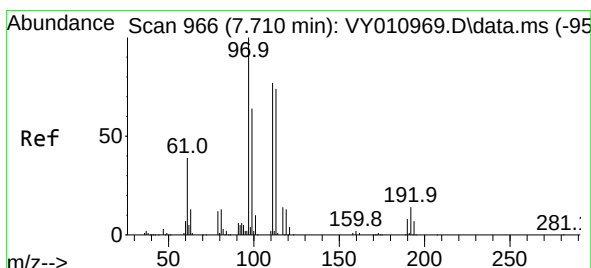
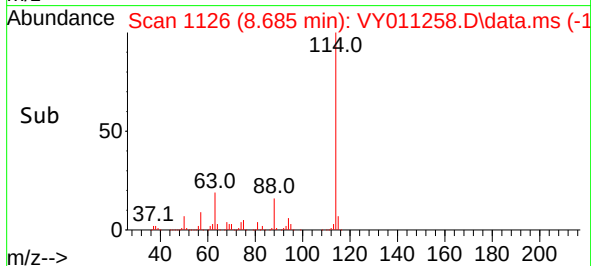
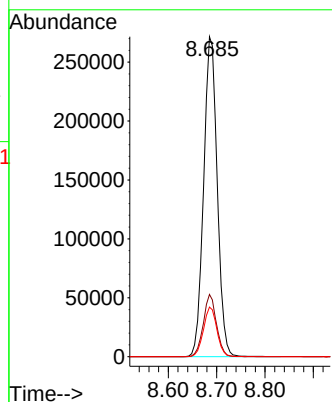
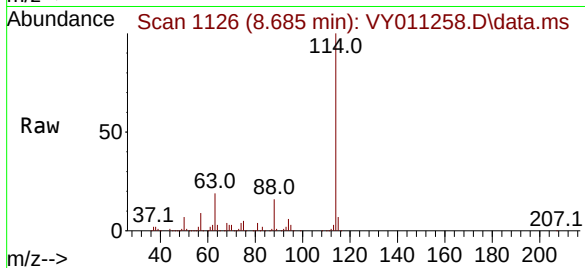
Tgt Ion:114 Resp: 530311

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 15.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.726 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011258.D

Acq: 02 Nov 2022 13:33

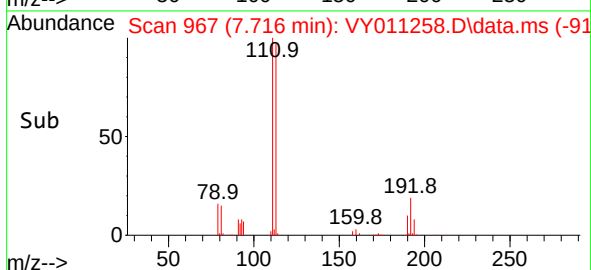
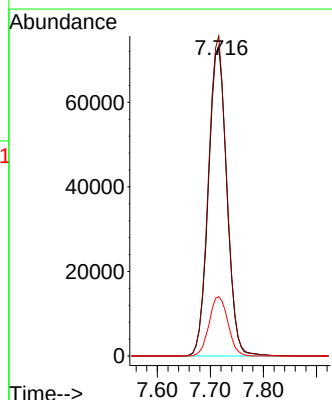
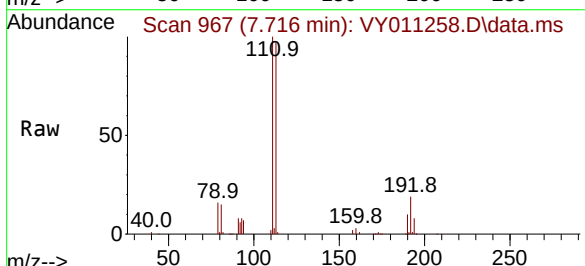
Tgt Ion:113 Resp: 176242

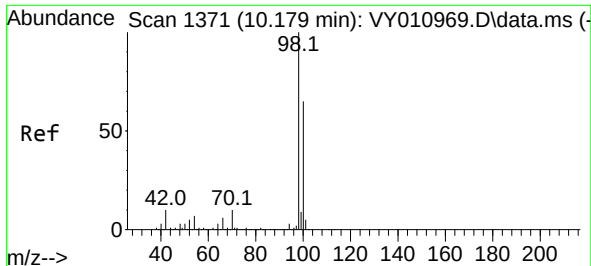
Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 19.6 17.6 26.4

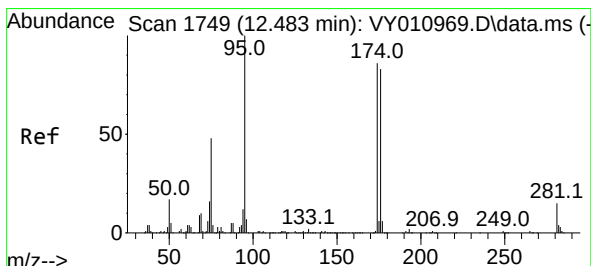
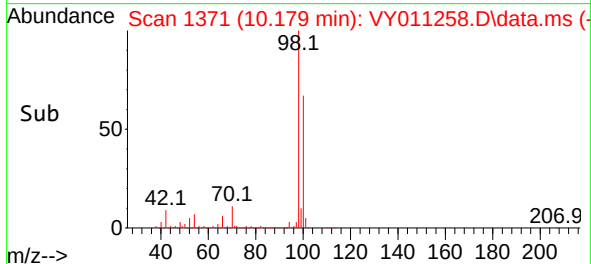
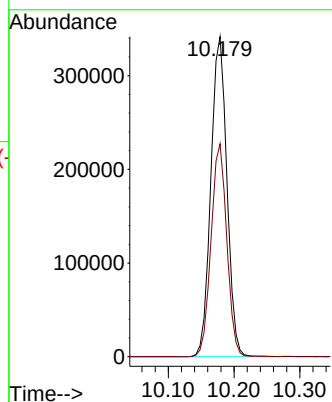
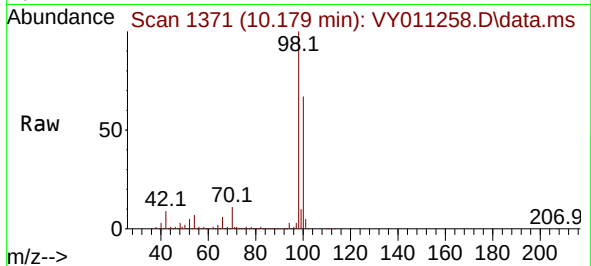




#50
Toluene-d8
Concen: 43.858 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011258.D
Acq: 02 Nov 2022 13:33

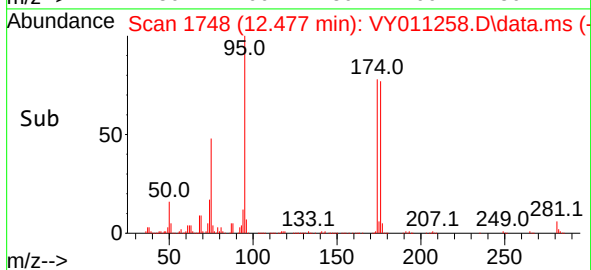
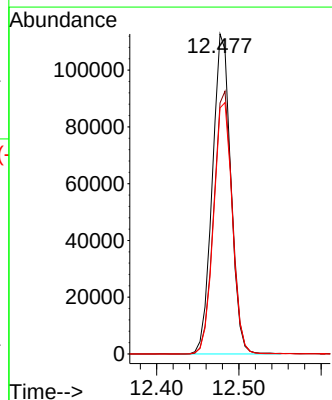
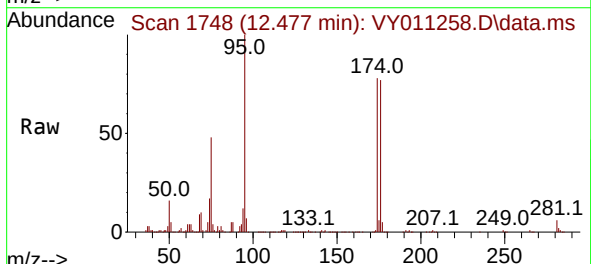
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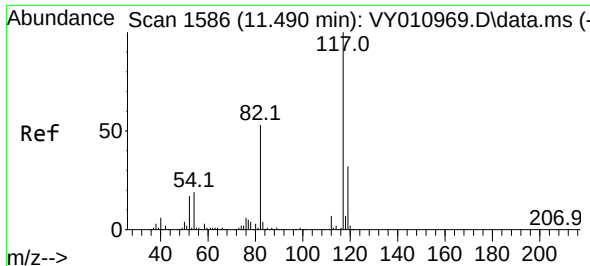
Tgt Ion: 98 Resp: 580191
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.265 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011258.D
Acq: 02 Nov 2022 13:33

Tgt Ion: 95 Resp: 175732
Ion Ratio Lower Upper
95 100
174 82.8 0.0 177.0
176 79.8 0.0 175.8

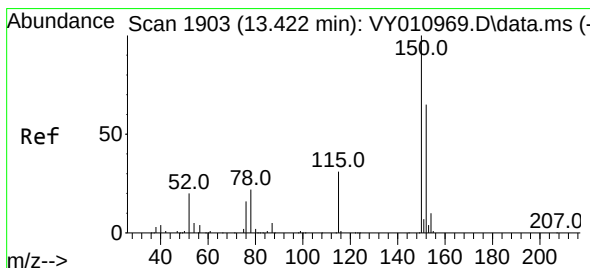
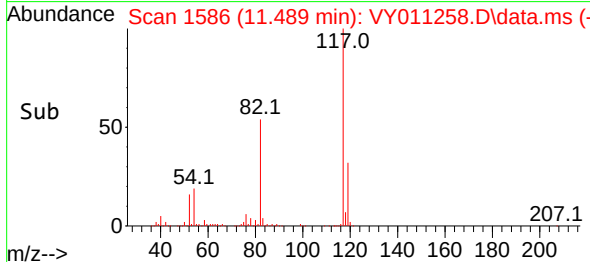
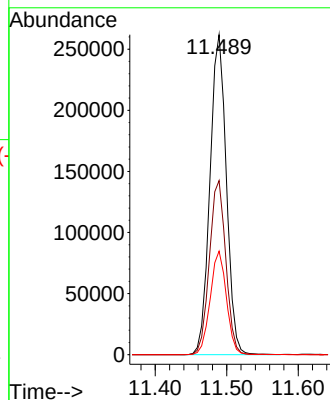
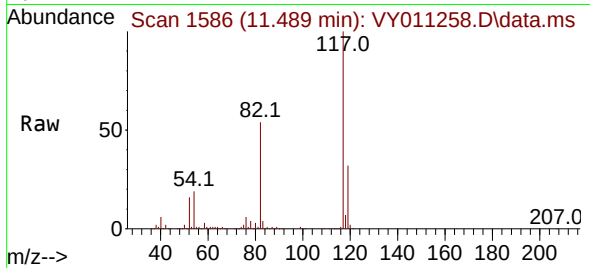




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011258.D
Acq: 02 Nov 2022 13:33

Instrument :
MSVOA_Y
ClientSampleId :
S-1-103122

Tgt Ion:117 Resp: 416980
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.4
119 32.4 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: VY011258.D
Acq: 02 Nov 2022 13:33

Tgt Ion:152 Resp: 152985
Ion Ratio Lower Upper
152 100
115 59.0 28.2 84.7
150 157.5 0.0 347.6

