

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110822\
 Data File : VY011363.D
 Acq On : 08 Nov 2022 15:41
 Operator : KP/MD
 Sample : N5415-15
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 R-28

Quant Time: Nov 08 17:02:15 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	4337	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	7064	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	6378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1609	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	2653	57.196	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.400%
35) Dibromofluoromethane	7.722	113	1339	29.503	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	59.000%
50) Toluene-d8	10.179	98	7612	43.197	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.400%
62) 4-Bromofluorobenzene	12.477	95	2230	36.453	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.900%

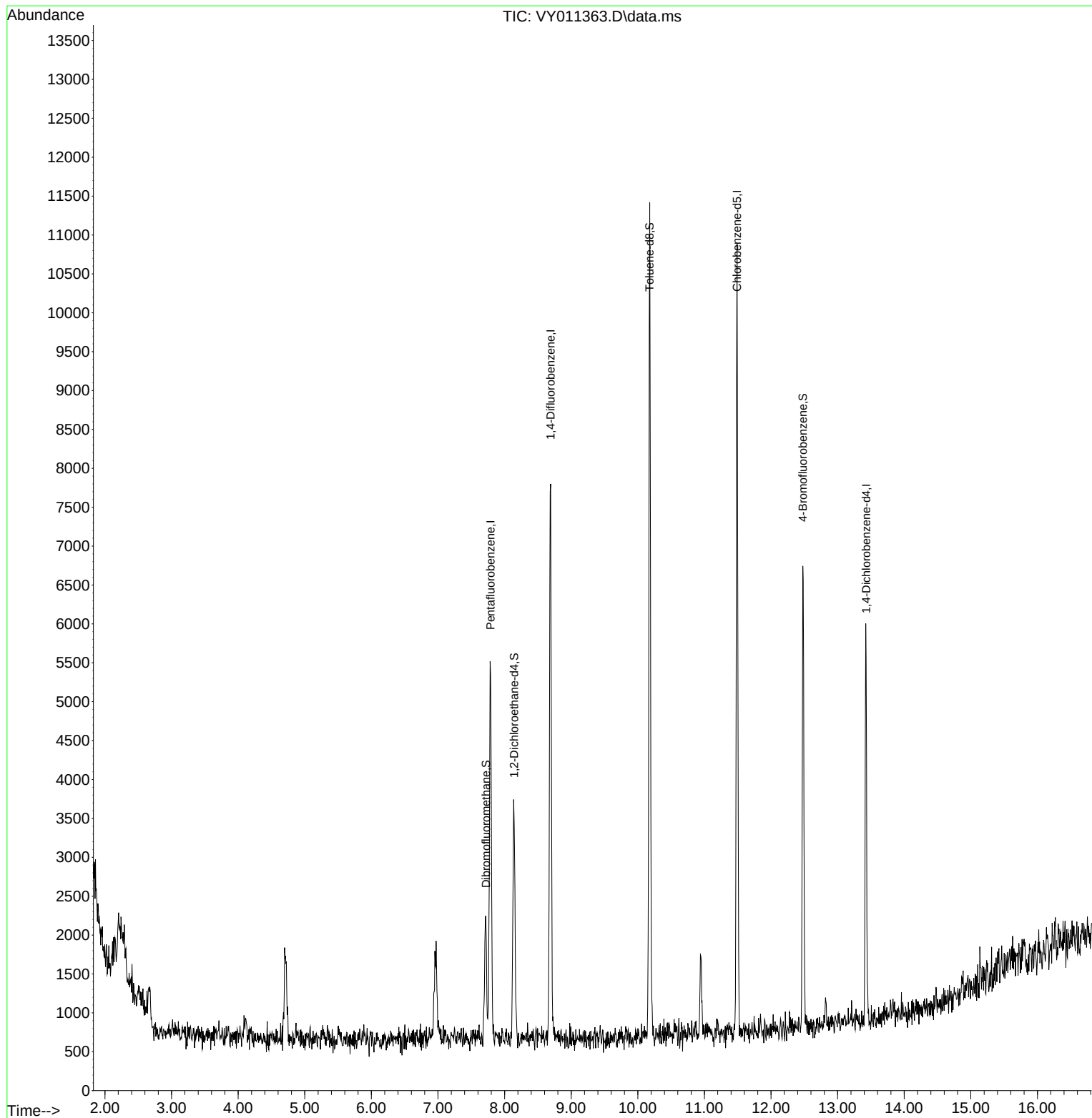
Target Compounds	Qvalue

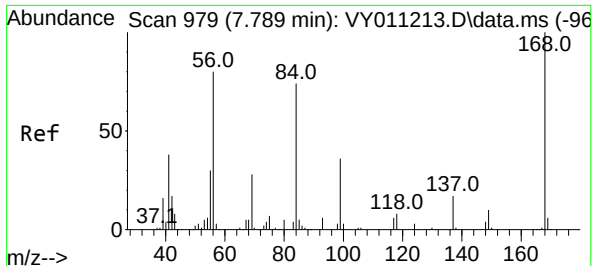
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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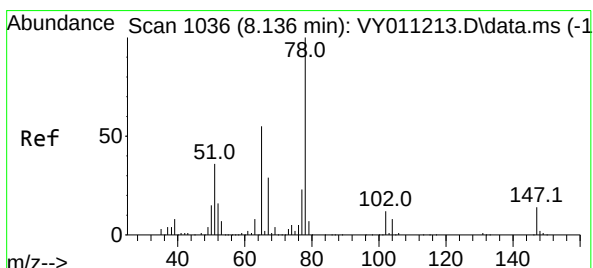
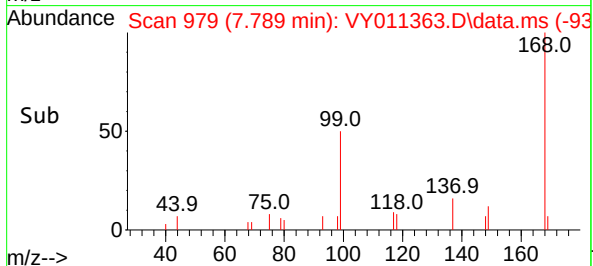
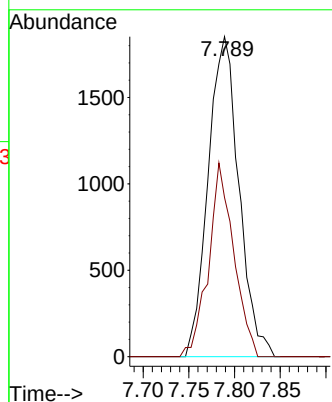
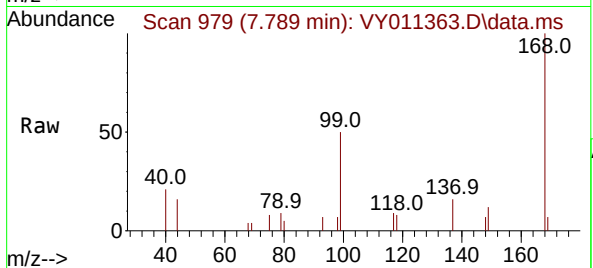




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011363.D
Acq: 08 Nov 2022 15:41

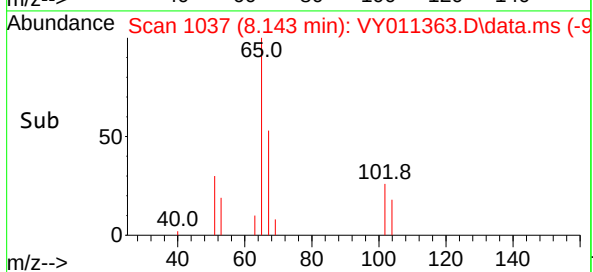
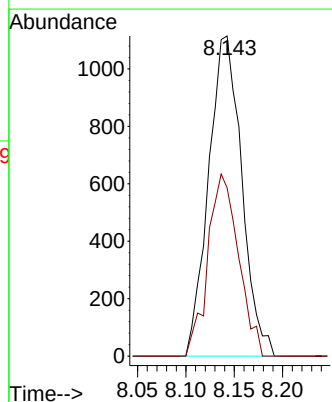
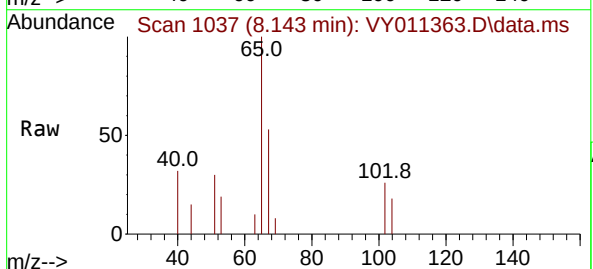
Instrument :
MSVOA_Y
ClientSampleId :
R-28

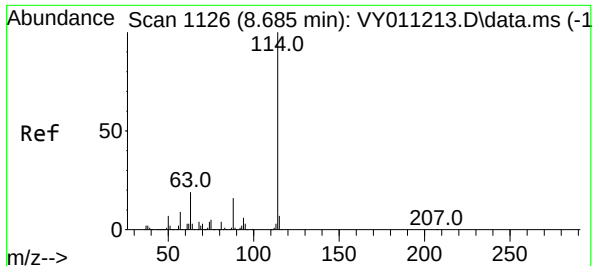
Tgt Ion:168 Resp: 4337
Ion Ratio Lower Upper
168 100
99 49.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 57.196 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY011363.D
Acq: 08 Nov 2022 15:41

Tgt Ion: 65 Resp: 2653
Ion Ratio Lower Upper
65 100
67 52.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY011363.D

Acq: 08 Nov 2022 15:41

Instrument :

MSVOA_Y

ClientSampleId :

R-28

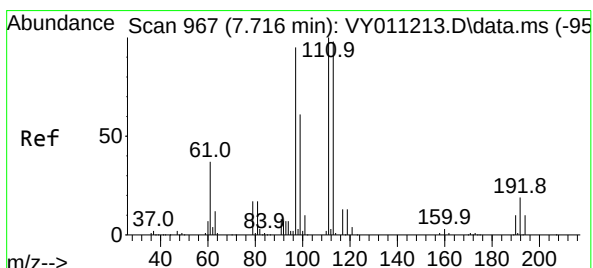
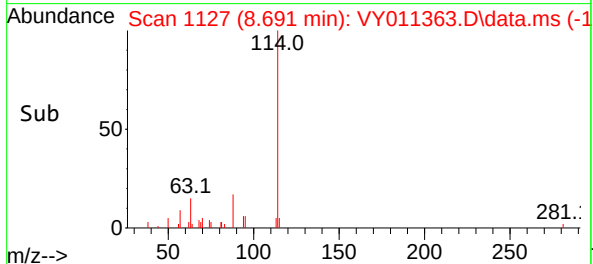
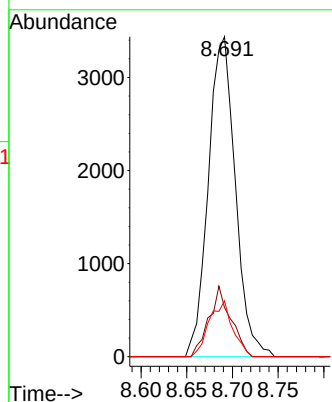
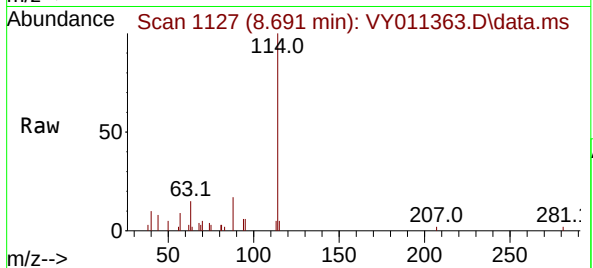
Tgt Ion:114 Resp: 7064

Ion Ratio Lower Upper

114 100

63 15.4 0.0 43.2

88 17.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 29.503 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.012 min

Lab File: VY011363.D

Acq: 08 Nov 2022 15:41

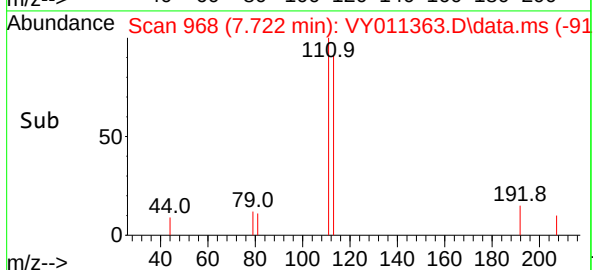
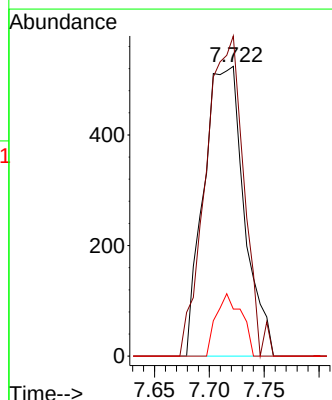
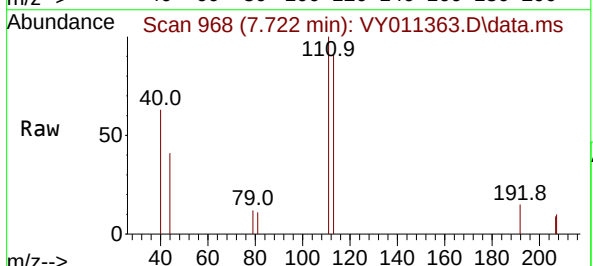
Tgt Ion:113 Resp: 1339

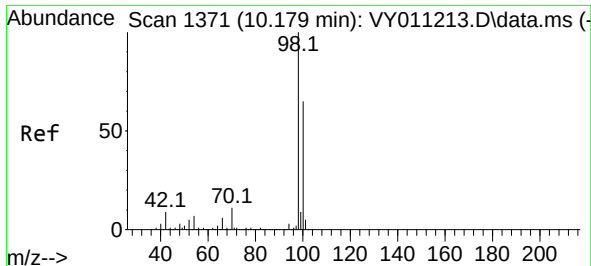
Ion Ratio Lower Upper

113 100

111 103.5 82.6 124.0

192 13.5 17.6 26.4#

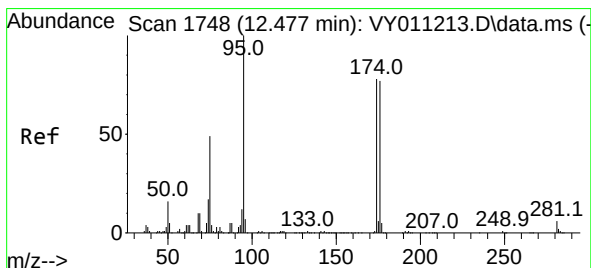
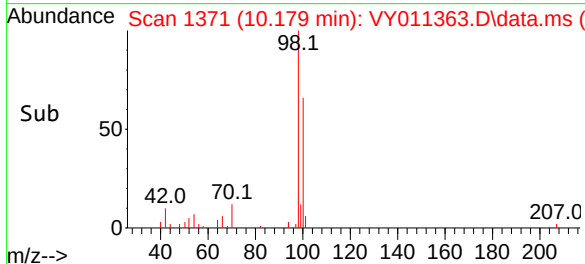
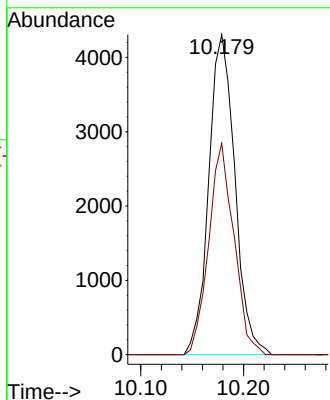
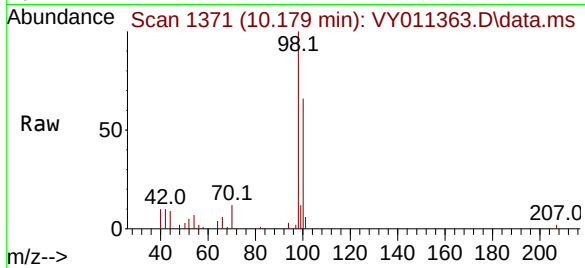




#50
Toluene-d8
Concen: 43.197 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011363.D
Acq: 08 Nov 2022 15:41

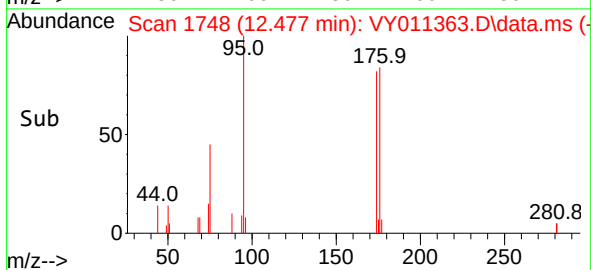
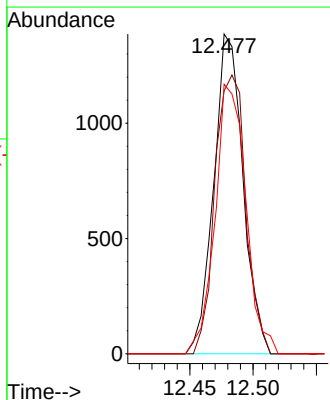
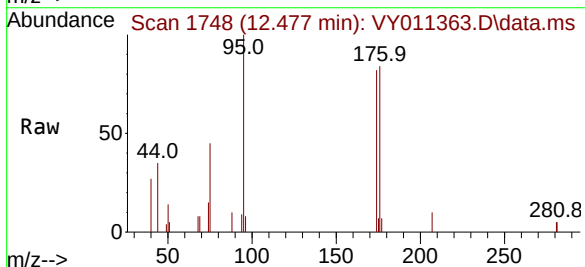
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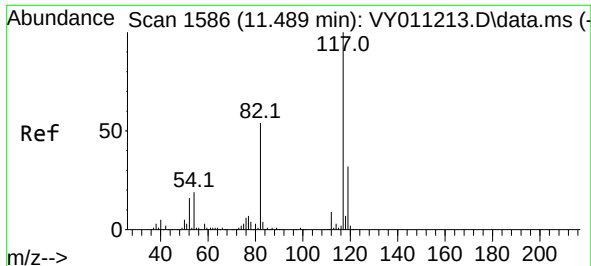
Tgt Ion: 98 Resp: 7612
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 36.453 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011363.D
Acq: 08 Nov 2022 15:41

Tgt Ion: 95 Resp: 2230
Ion Ratio Lower Upper
95 100
174 91.9 0.0 177.0
176 88.6 0.0 175.8

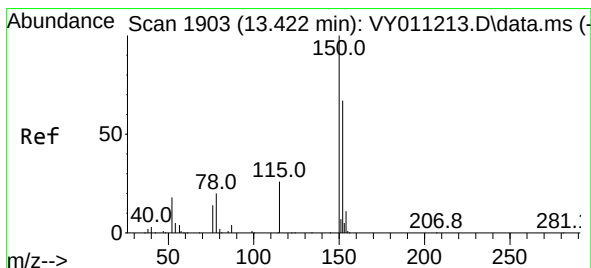
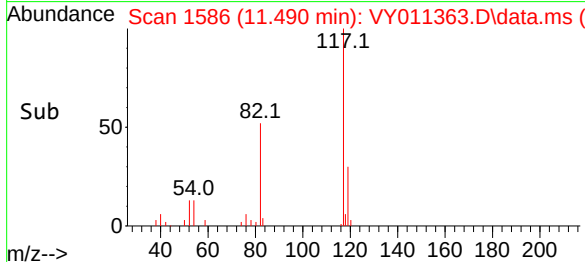
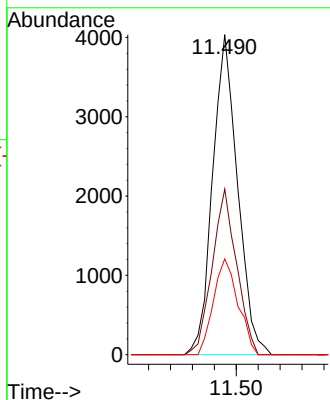
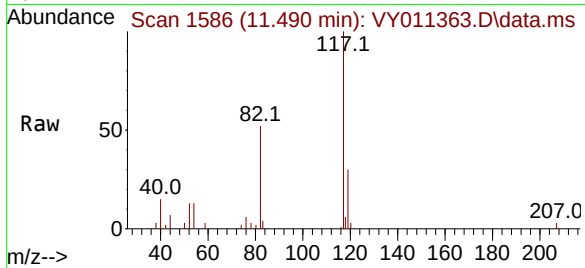




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011363.D
Acq: 08 Nov 2022 15:41

Instrument :
MSVOA_Y
ClientSampleId :
R-28

Tgt Ion:117 Resp: 6378
Ion Ratio Lower Upper
117 100
82 51.8 43.0 64.4
119 30.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY011363.D
Acq: 08 Nov 2022 15:41

Tgt Ion:152 Resp: 1609
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.7
150 166.5 0.0 347.6

