

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031523\
 Data File : VY012956.D
 Acq On : 15 Mar 2023 15:45
 Operator : KP/MD
 Sample : 01936-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-03152023

Quant Time: Mar 16 00:19:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	1727	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	3042	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	2889	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	724	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	1650	96.227	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 192.460%#	
35) Dibromofluoromethane	7.716	113	1239	67.489	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 134.980%	
50) Toluene-d8	10.185	98	3501	52.164	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.320%	
62) 4-Bromofluorobenzene	12.489	95	829	36.596	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 73.200%	

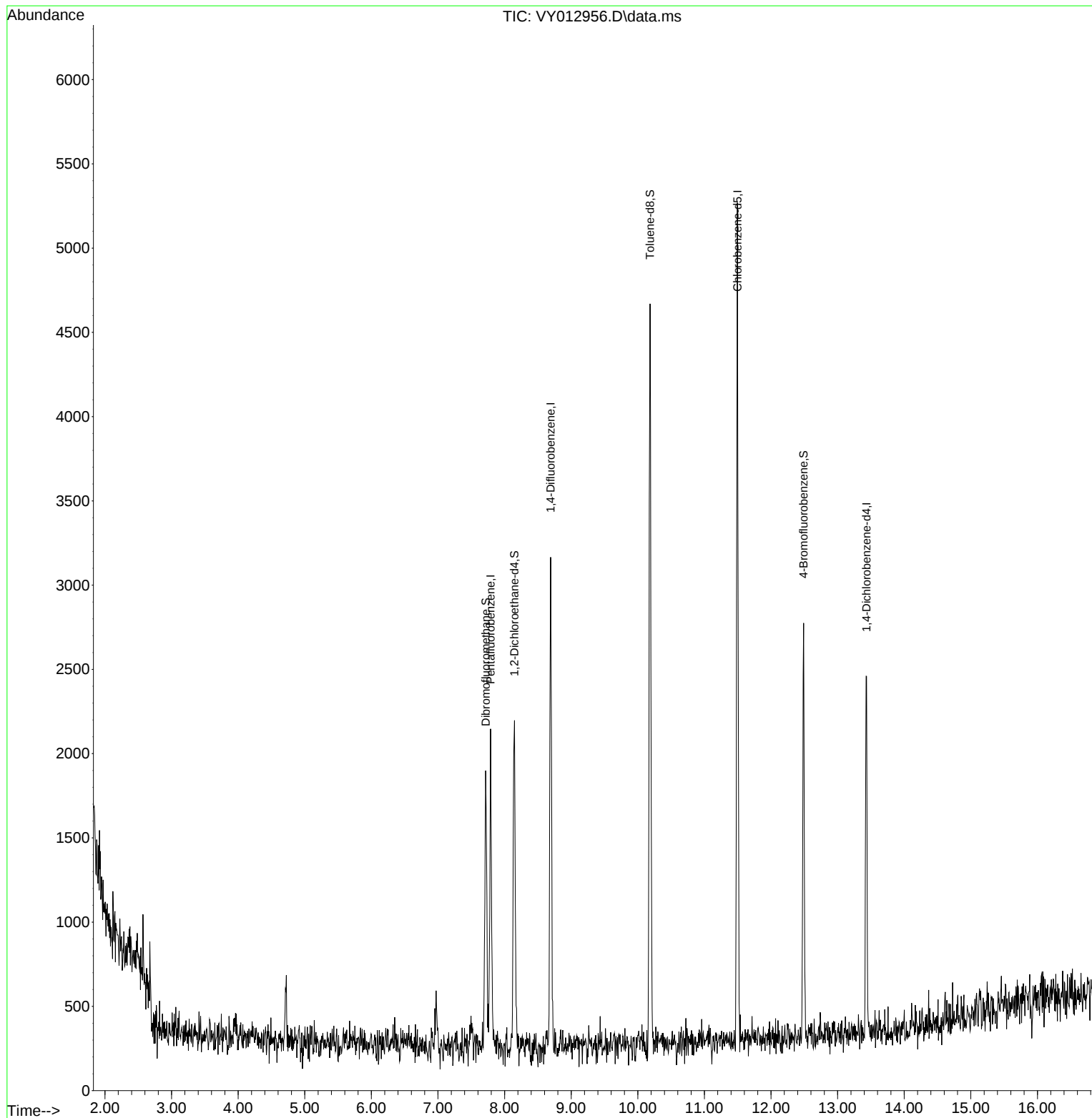
Target Compounds Qvalue

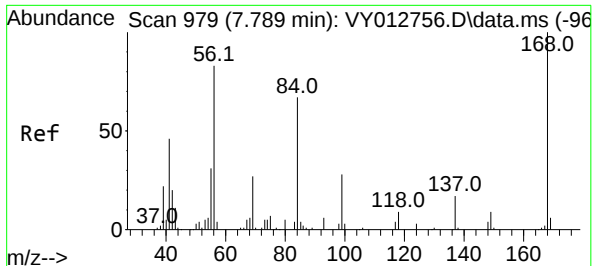
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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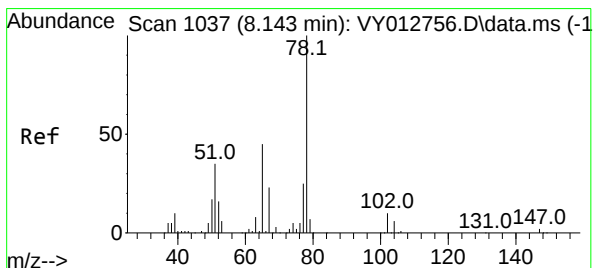
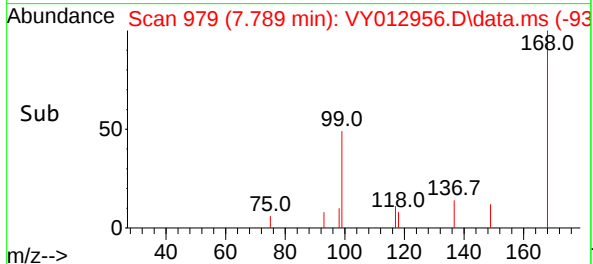
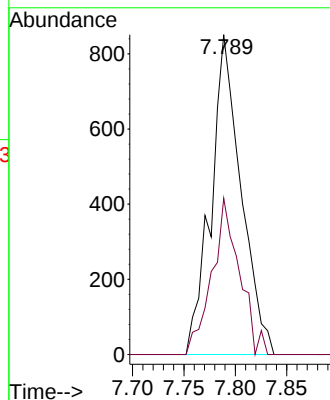
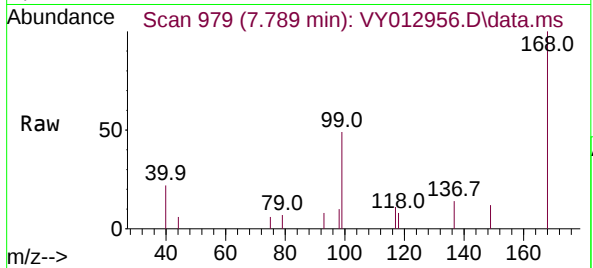




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012956.D
Acq: 15 Mar 2023 15:45

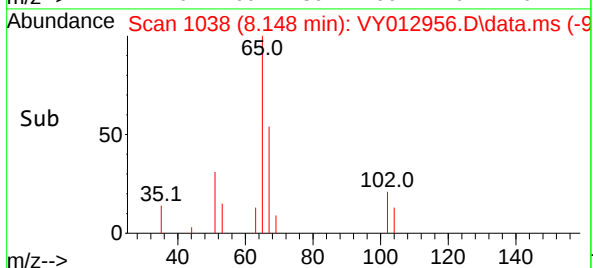
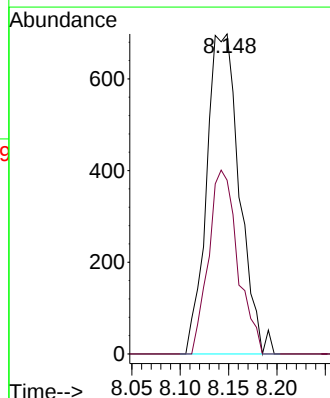
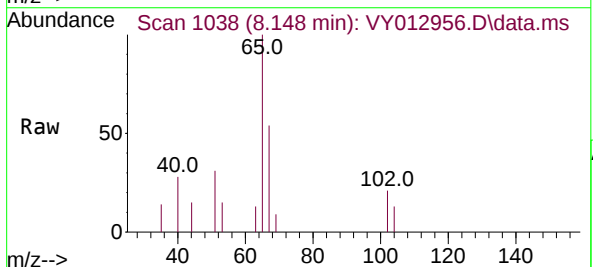
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-03152023

Tgt Ion:168 Resp: 1727
Ion Ratio Lower Upper
168 100
99 48.9 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 96.227 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.005 min
Lab File: VY012956.D
Acq: 15 Mar 2023 15:45

Tgt Ion: 65 Resp: 1650
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.0

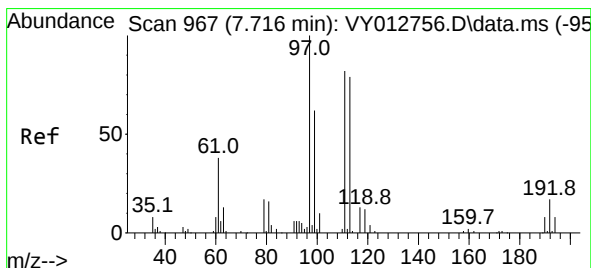
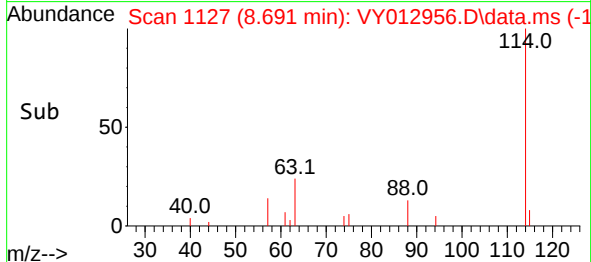
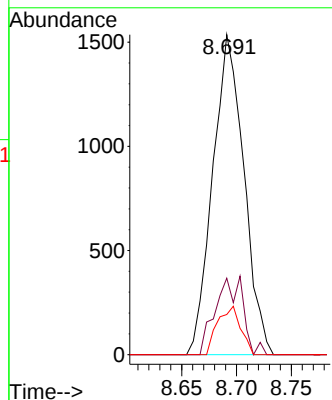
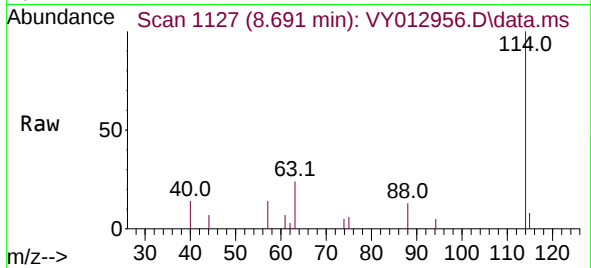




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012956.D
Acq: 15 Mar 2023 15:45

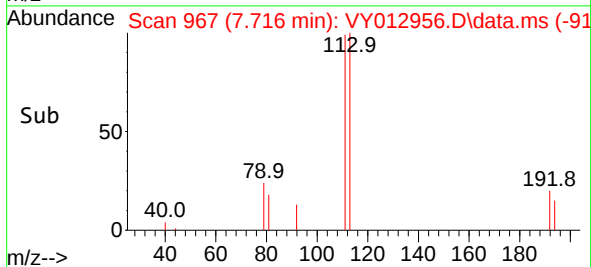
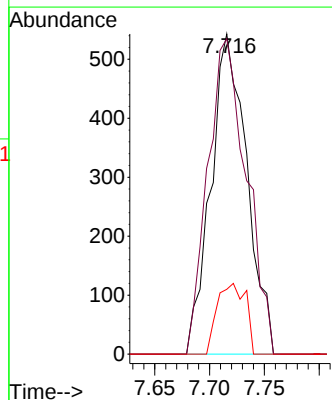
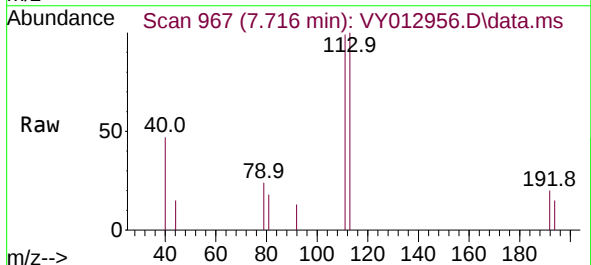
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-03152023

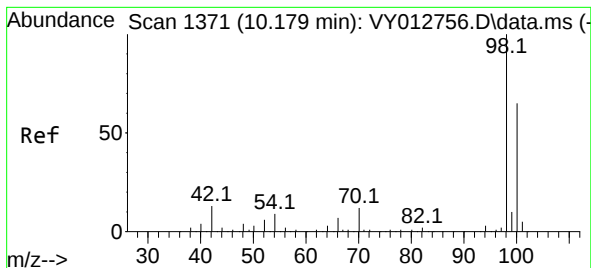
Tgt Ion:114	Resp:	3042
Ion	Ratio	Lower Upper
114	100	
63	23.9	0.0 37.4
88	12.6	0.0 28.6



#35
Dibromofluoromethane
Concen: 67.489 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012956.D
Acq: 15 Mar 2023 15:45

Tgt Ion:113	Resp:	1239
Ion	Ratio	Lower Upper
113	100	
111	105.8	82.2 123.2
192	17.4	16.8 25.2





#50

Toluene-d8

Concen: 52.164 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY012956.D

Acq: 15 Mar 2023 15:45

Instrument :

MSVOA_Y

ClientSampleId :

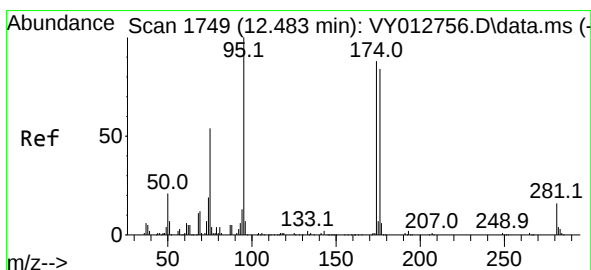
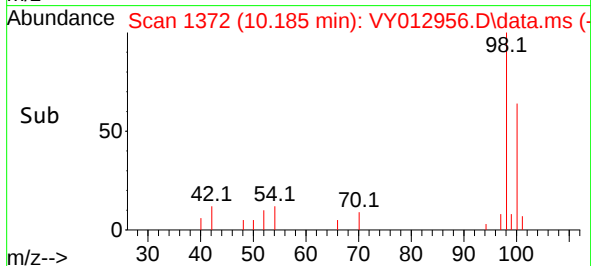
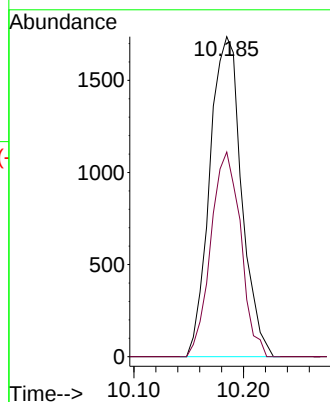
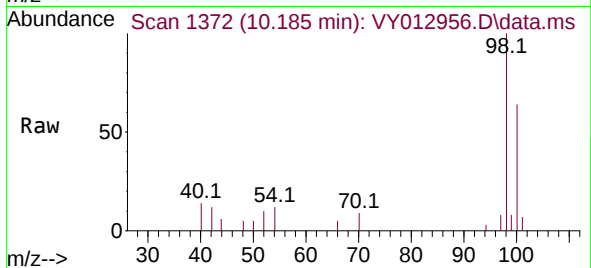
OR-03-03152023

Tgt Ion: 98 Resp: 3501

Ion Ratio Lower Upper

98 100

100 60.1 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 36.596 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VY012956.D

Acq: 15 Mar 2023 15:45

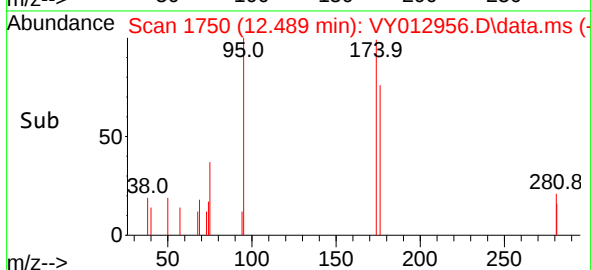
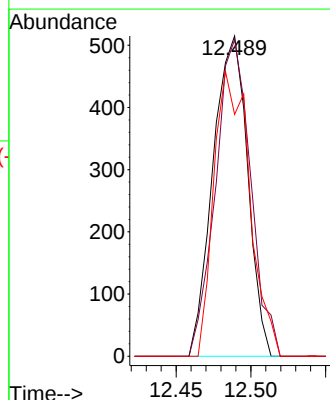
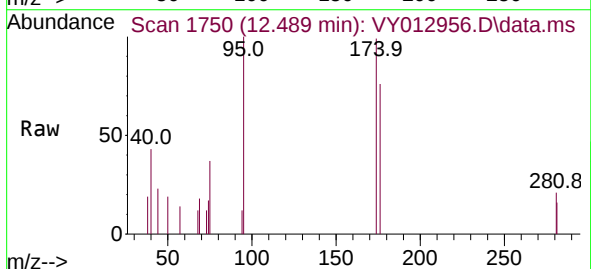
Tgt Ion: 95 Resp: 829

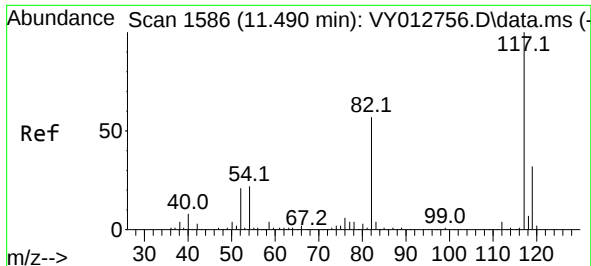
Ion Ratio Lower Upper

95 100

174 100.5 0.0 176.6

176 91.6 0.0 170.2

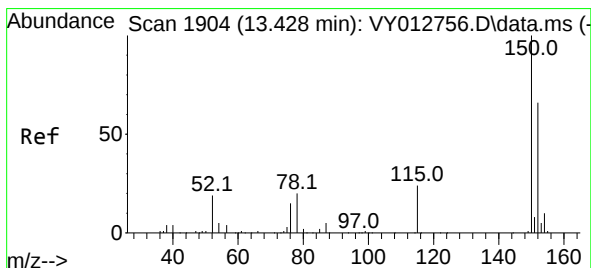
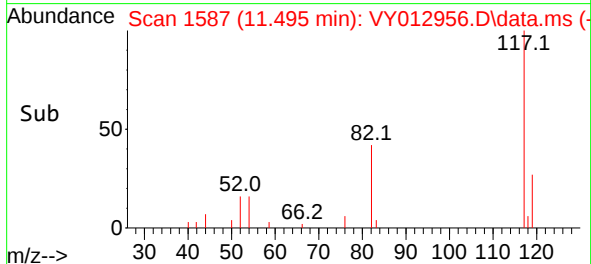
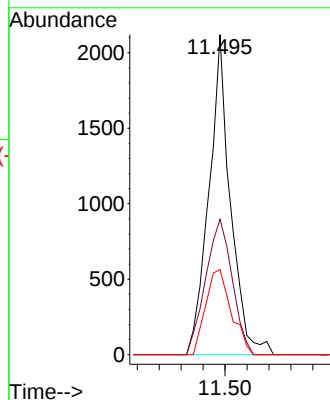
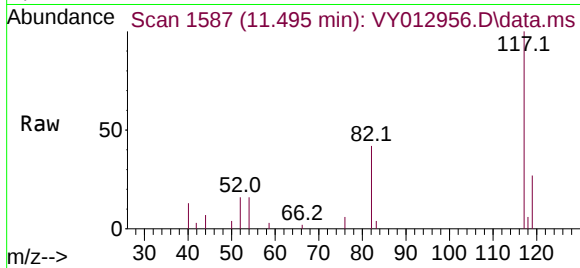




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012956.D
Acq: 15 Mar 2023 15:45

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-03152023

Tgt Ion:117 Resp: 2889
Ion Ratio Lower Upper
117 100
82 42.3 45.4 68.0#
119 26.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY012956.D
Acq: 15 Mar 2023 15:45

Tgt Ion:152 Resp: 724
Ion Ratio Lower Upper
152 100
115 59.5 27.1 81.3
150 168.5 0.0 347.8

