

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032423\
 Data File : VY013081.D
 Acq On : 24 Mar 2023 16:11
 Operator : KP/MD
 Sample : 02049-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-032323RE

Quant Time: Mar 25 03:35:29 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	437	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	849	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	48	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	586	135.059	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	270.120%#
35) Dibromofluoromethane	7.716	113	309	60.308	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.620%
50) Toluene-d8	10.185	98	1070	57.124	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	114.240%
62) 4-Bromofluorobenzene	12.489	95	228	36.063	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.120%

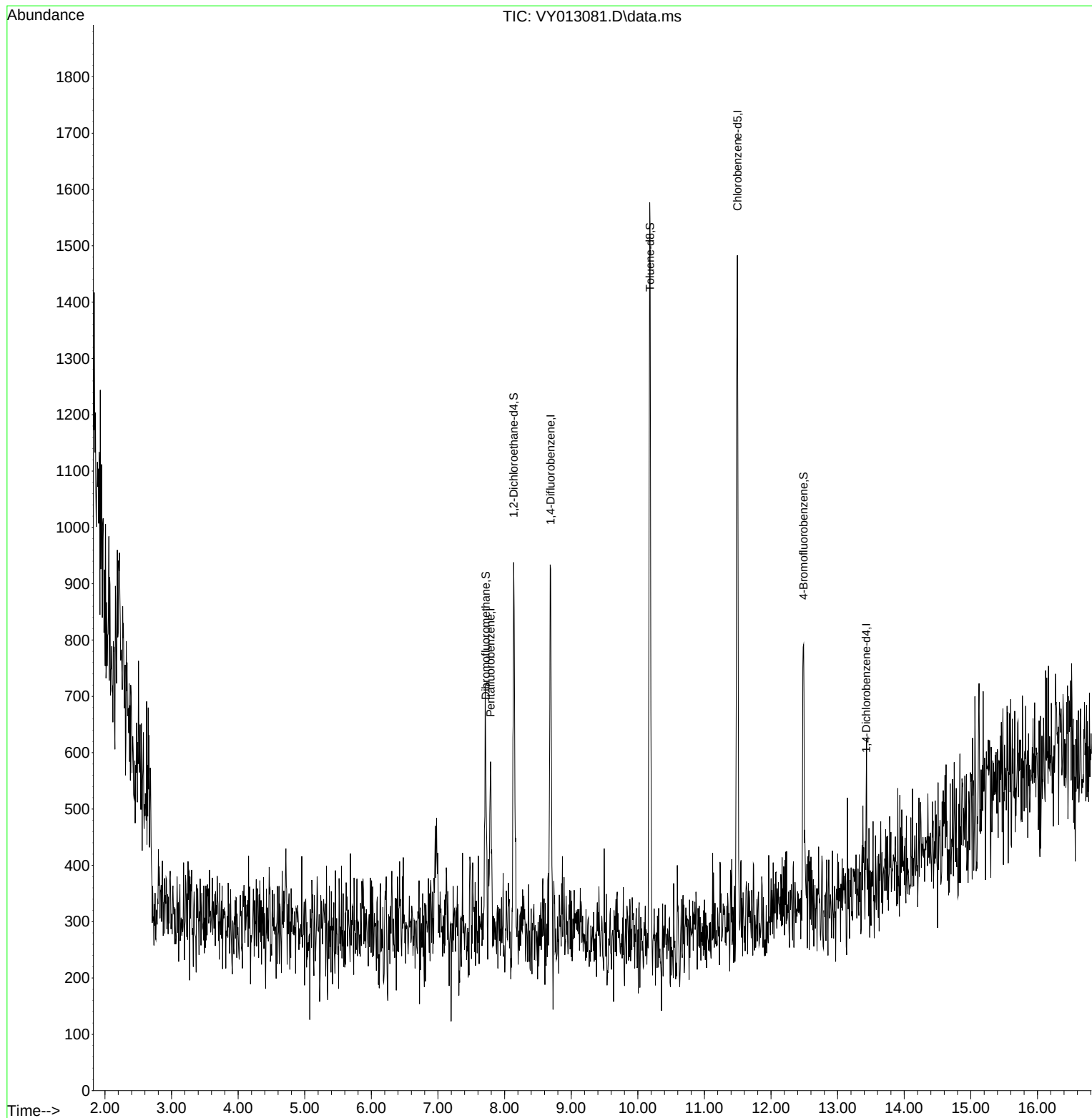
Target Compounds	Qvalue

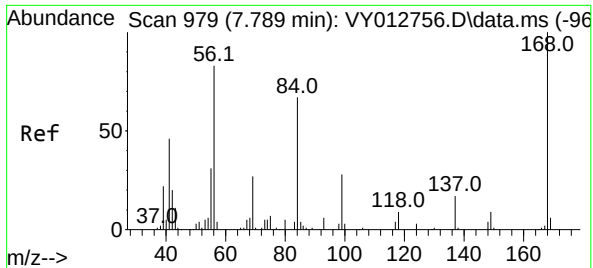
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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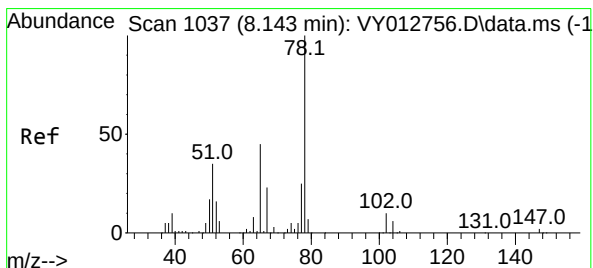
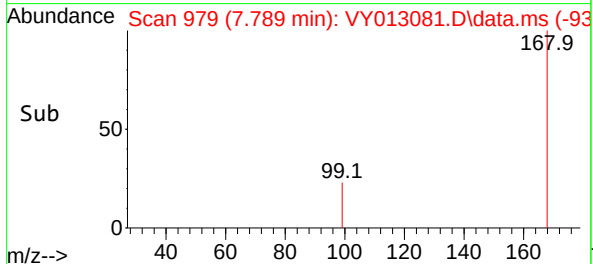
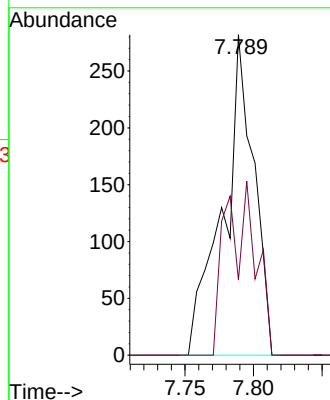
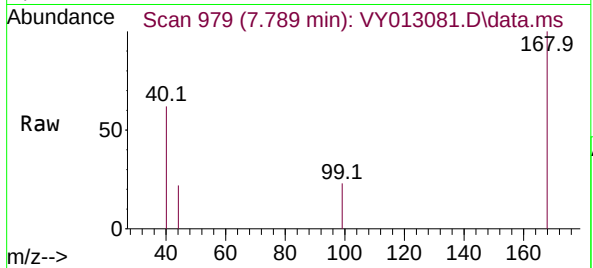




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013081.D
Acq: 24 Mar 2023 16:11

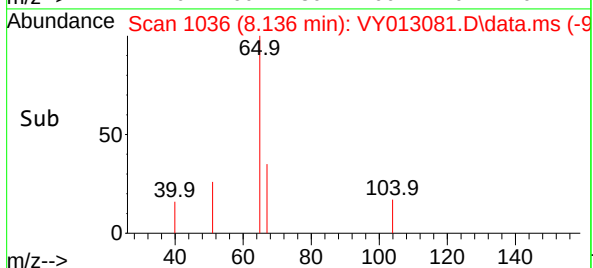
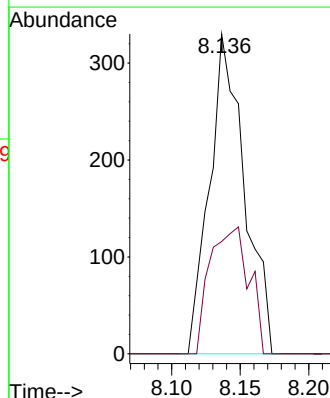
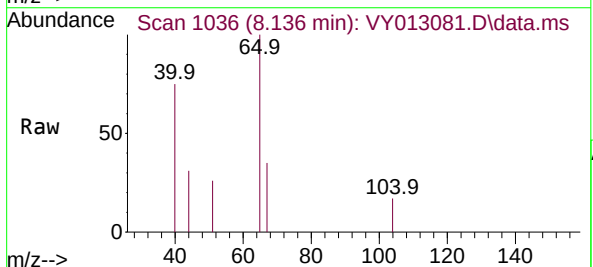
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-032323RE

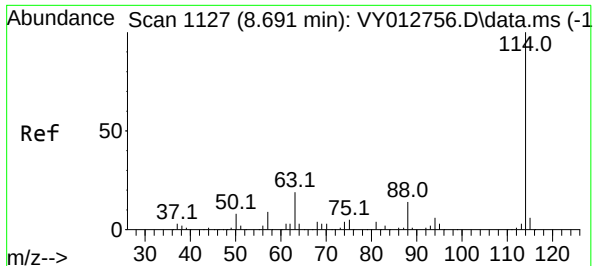
Tgt Ion:168 Resp: 437
Ion Ratio Lower Upper
168 100
99 23.4 41.7 62.5#



#33
1,2-Dichloroethane-d4
Concen: 135.059 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY013081.D
Acq: 24 Mar 2023 16:11

Tgt Ion: 65 Resp: 586
Ion Ratio Lower Upper
65 100
67 44.4 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: VY013081.D

Acq: 24 Mar 2023 16:11

Instrument :

MSVOA_Y

ClientSampleId :

OK-02-032323RE

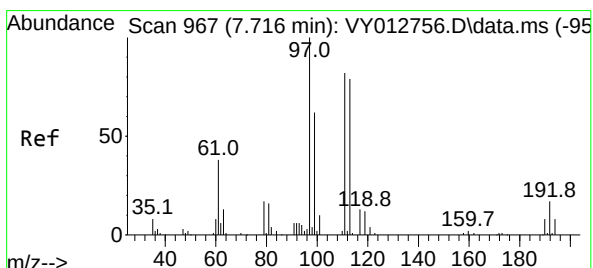
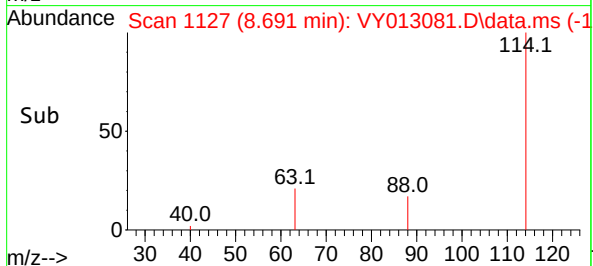
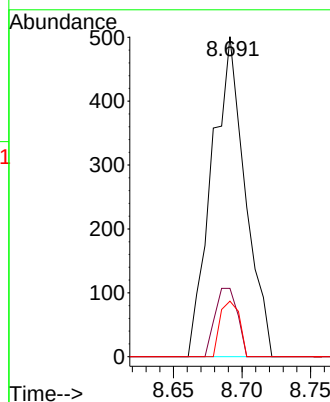
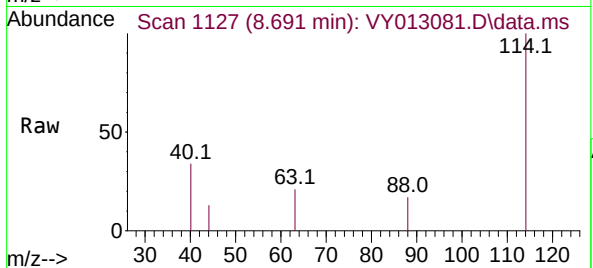
Tgt Ion:114 Resp: 849

Ion Ratio Lower Upper

114 100

63 21.4 0.0 37.4

88 17.4 0.0 28.6



#35

Dibromofluoromethane

Concen: 60.308 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013081.D

Acq: 24 Mar 2023 16:11

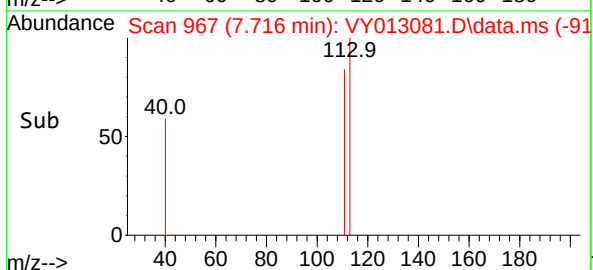
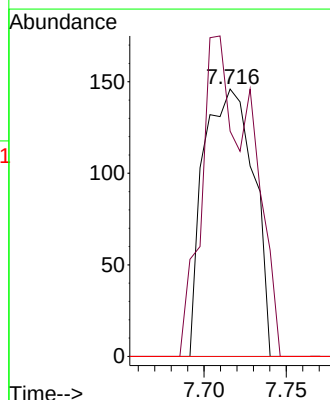
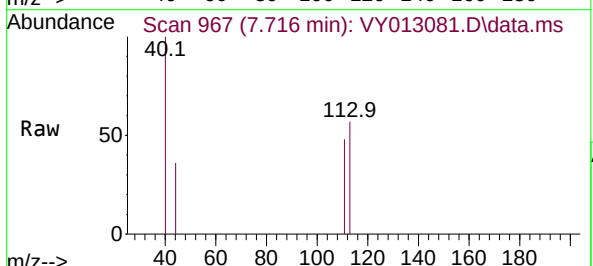
Tgt Ion:113 Resp: 309

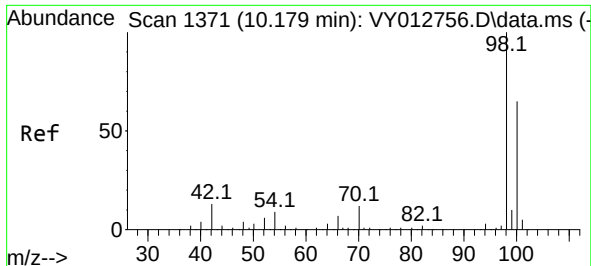
Ion Ratio Lower Upper

113 100

111 117.2 82.2 123.2

192 0.0 16.8 25.2#

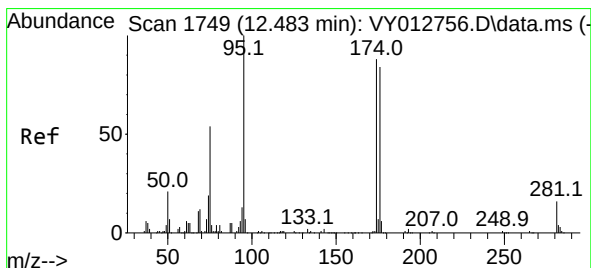
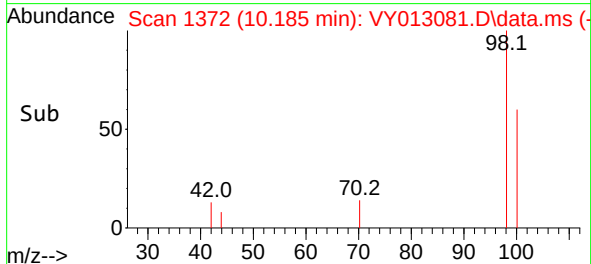
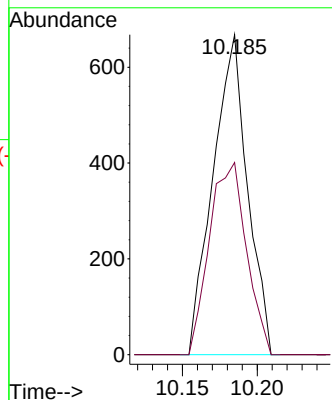
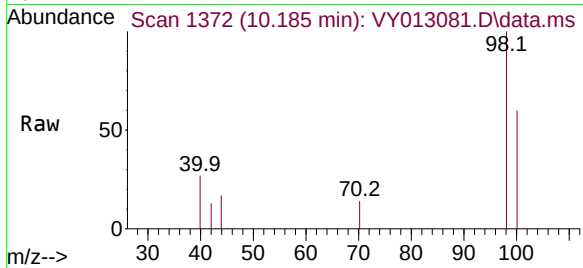




#50
Toluene-d8
Concen: 57.124 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013081.D
Acq: 24 Mar 2023 16:11

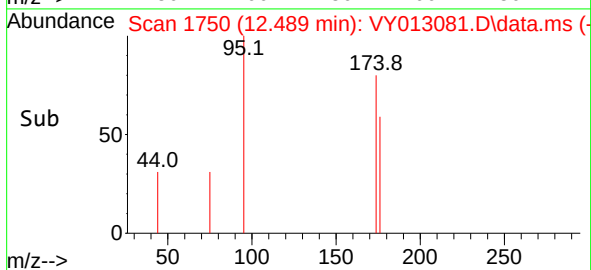
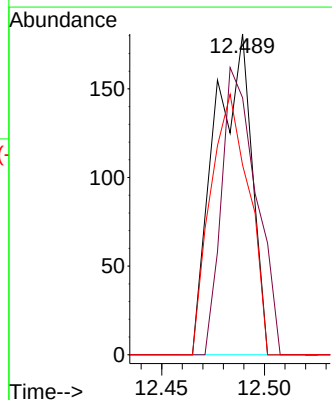
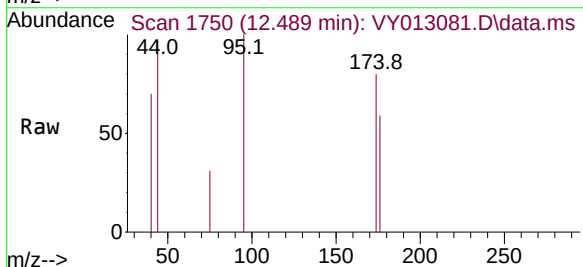
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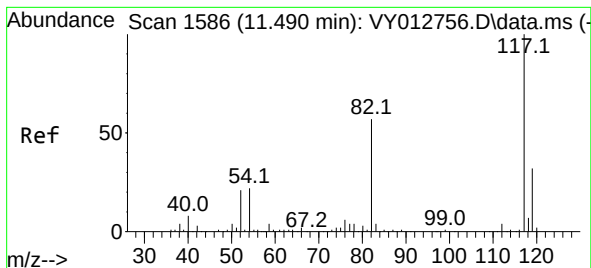
Tgt Ion: 98 Resp: 1070
Ion Ratio Lower Upper
98 100
100 64.5 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 36.063 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY013081.D
Acq: 24 Mar 2023 16:11

Tgt Ion: 95 Resp: 228
Ion Ratio Lower Upper
95 100
174 83.3 0.0 176.6
176 83.8 0.0 170.2

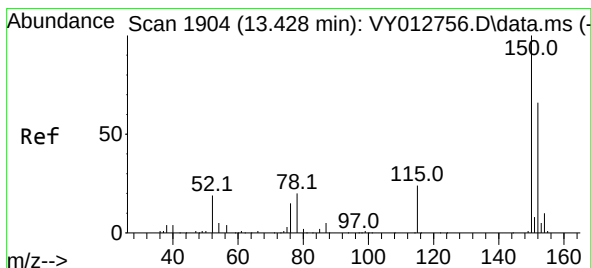
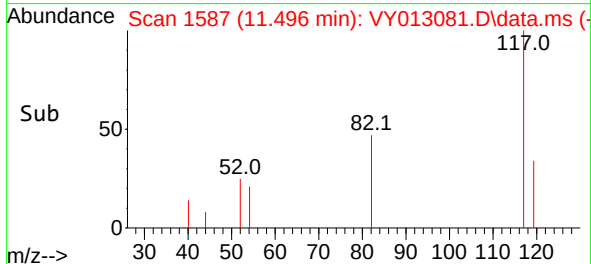
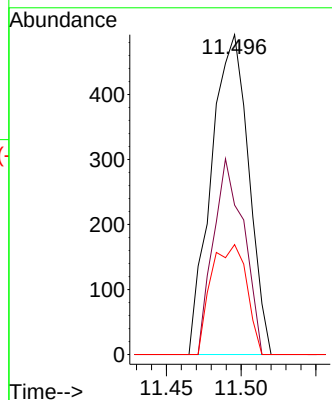
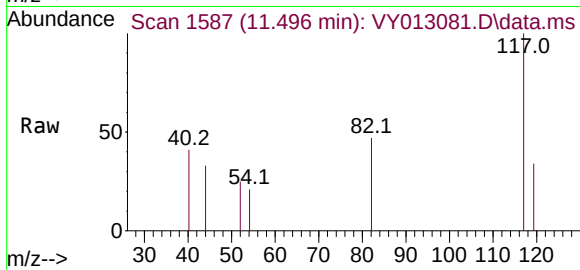




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013081.D
Acq: 24 Mar 2023 16:11

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-032323RE

Tgt Ion:117 Resp: 855
Ion Ratio Lower Upper
117 100
82 46.7 45.4 68.0
119 34.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY013081.D
Acq: 24 Mar 2023 16:11

Tgt Ion:152 Resp: 48
Ion Ratio Lower Upper
152 100
115 0.0 27.1 81.3#
150 402.1 0.0 347.8#

