

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032323\
 Data File : VY013065.D
 Acq On : 23 Mar 2023 17:12
 Operator : KP/MD
 Sample : 02049-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-032323

Quant Time: Mar 24 05:05:08 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	4273	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	6539	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	6627	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	2758	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	3805	89.687	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	179.380%#
35) Dibromofluoromethane	7.716	113	2624	66.493	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	132.980%
50) Toluene-d8	10.179	98	7587	52.590	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.180%
62) 4-Bromofluorobenzene	12.477	95	2662	54.668	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.340%

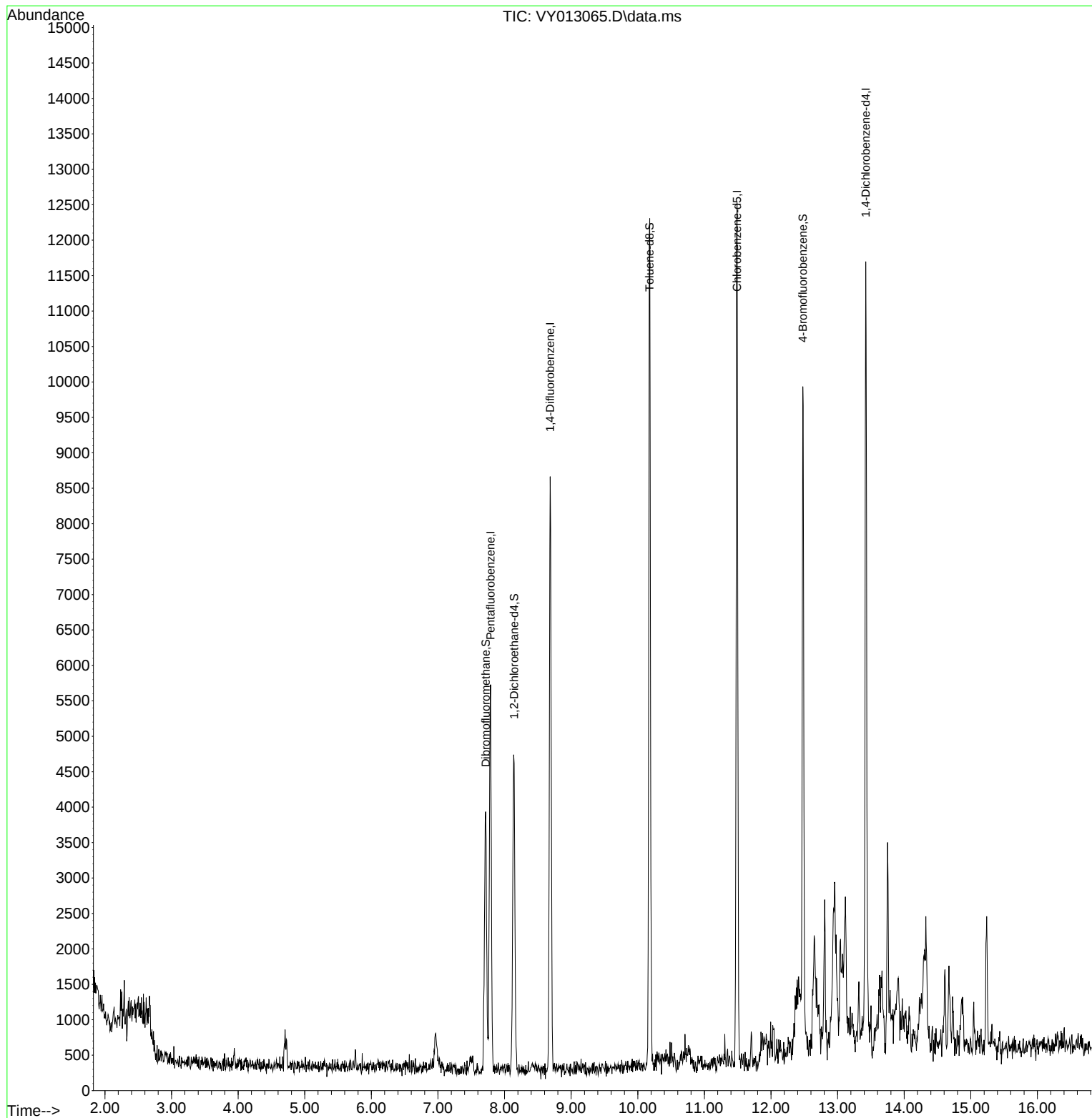
Target Compounds	Qvalue

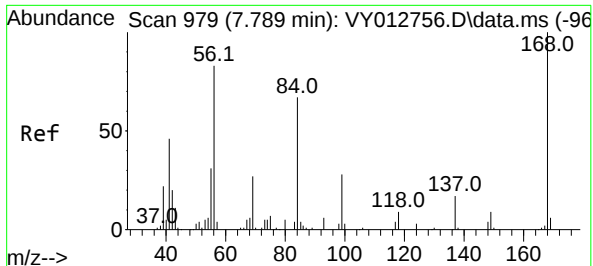
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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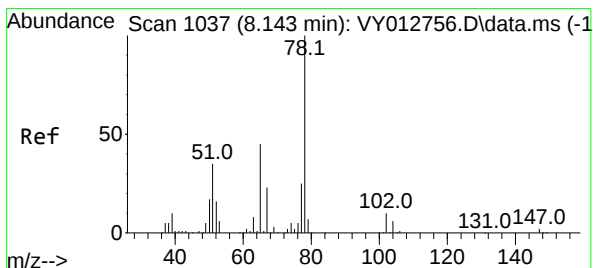
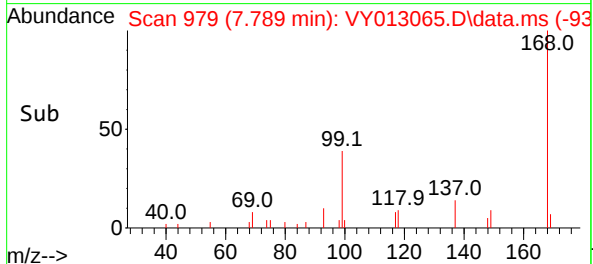
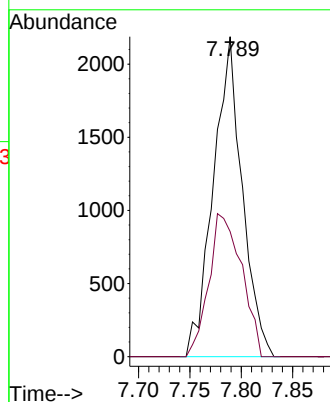
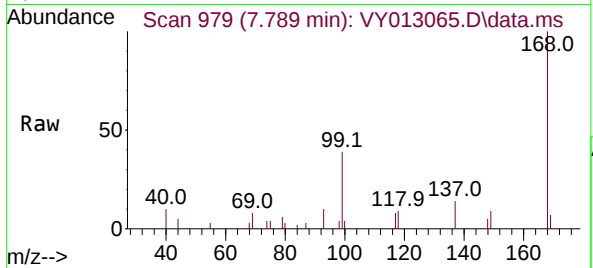




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013065.D
Acq: 23 Mar 2023 17:12

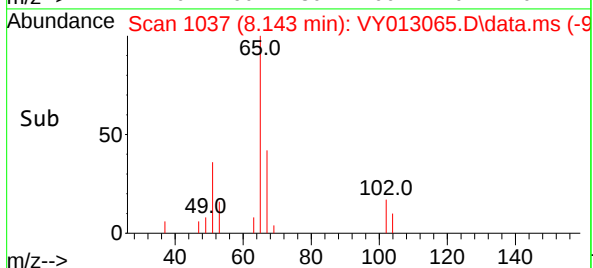
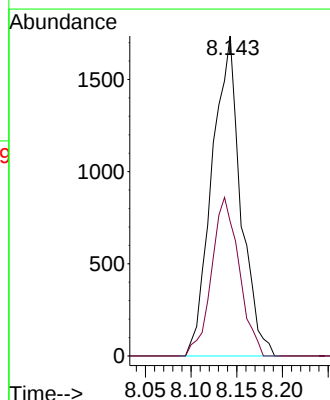
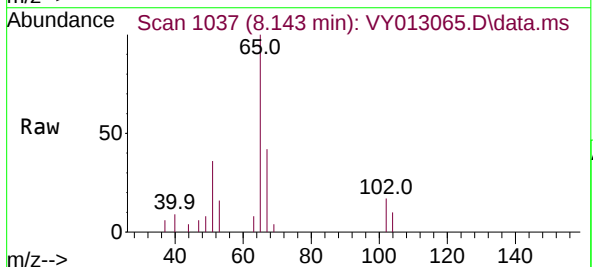
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-032323

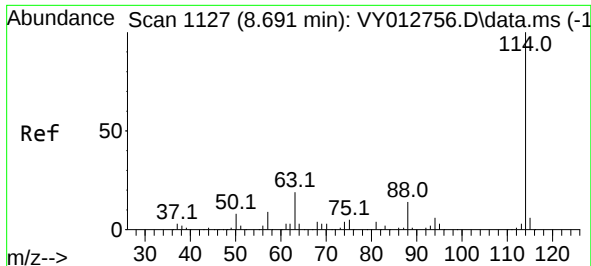
Tgt Ion:168 Resp: 4273
Ion Ratio Lower Upper
168 100
99 39.1 41.7 62.5#



#33
1,2-Dichloroethane-d4
Concen: 89.687 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY013065.D
Acq: 23 Mar 2023 17:12

Tgt Ion: 65 Resp: 3805
Ion Ratio Lower Upper
65 100
67 47.3 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013065.D

Acq: 23 Mar 2023 17:12

Instrument :

MSVOA_Y

ClientSampleId :

OK-02-032323

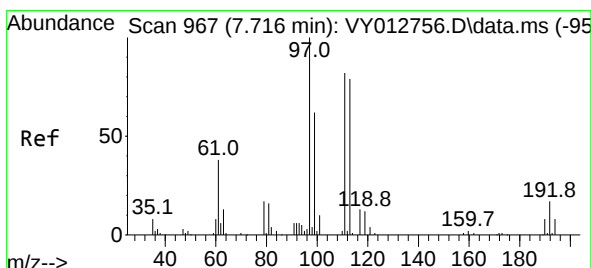
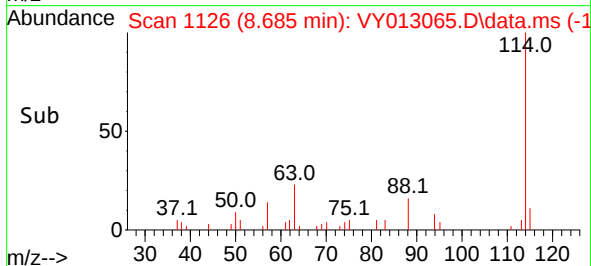
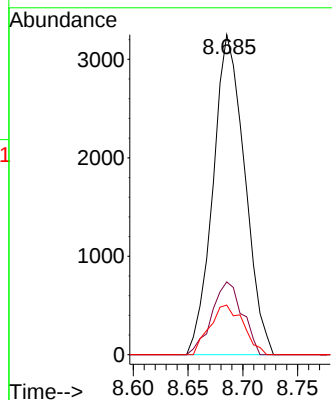
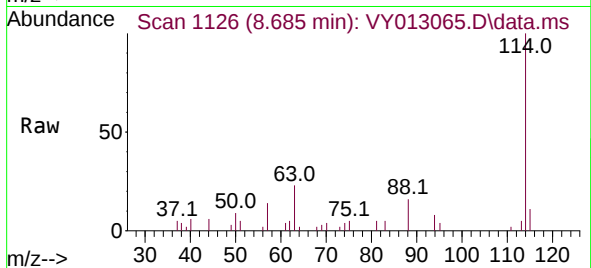
Tgt Ion:114 Resp: 6539

Ion Ratio Lower Upper

114 100

63 22.8 0.0 37.4

88 15.5 0.0 28.6



#35

Dibromofluoromethane

Concen: 66.493 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY013065.D

Acq: 23 Mar 2023 17:12

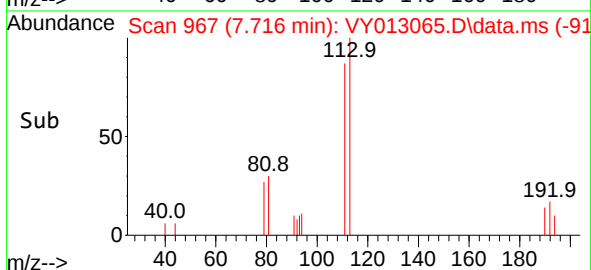
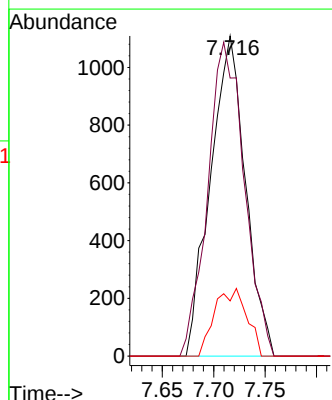
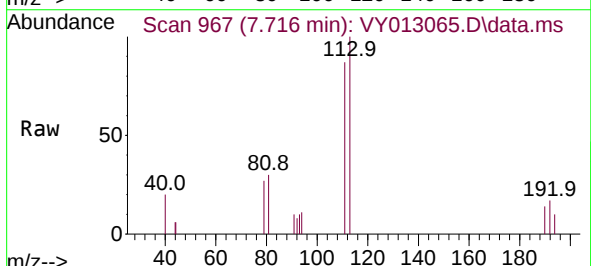
Tgt Ion:113 Resp: 2624

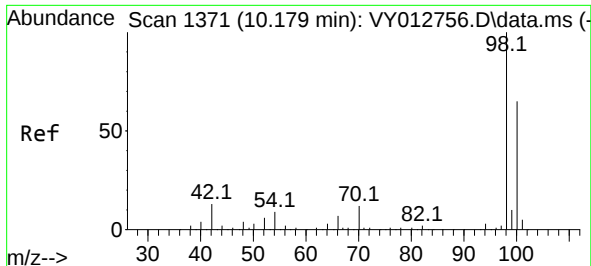
Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.2

192 19.5 16.8 25.2

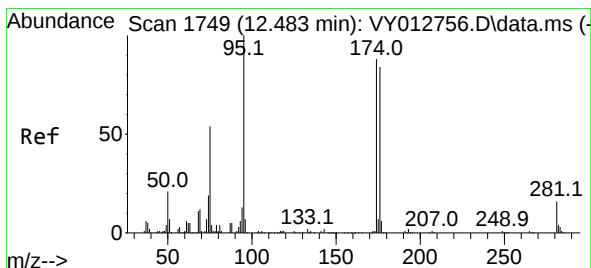
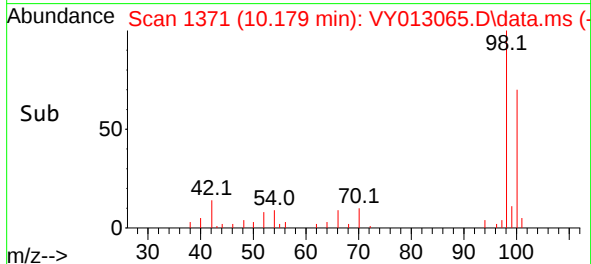
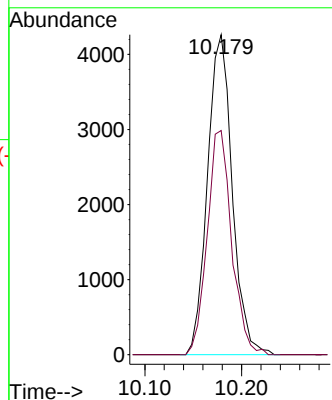
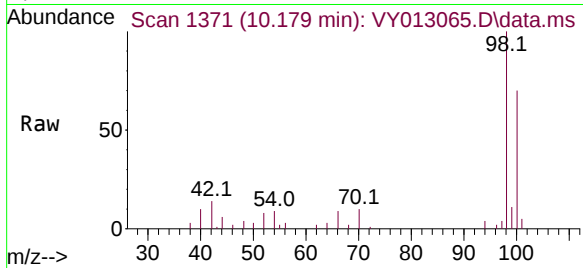




#50
Toluene-d8
Concen: 52.590 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013065.D
Acq: 23 Mar 2023 17:12

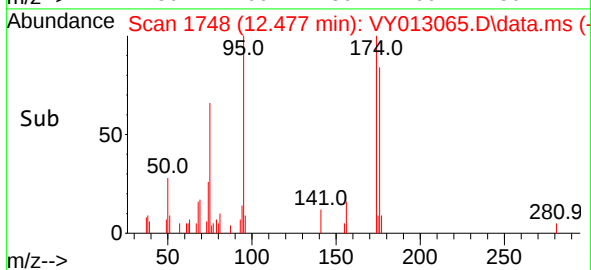
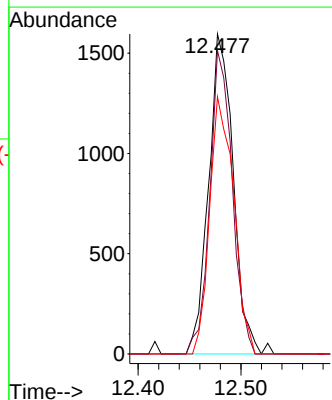
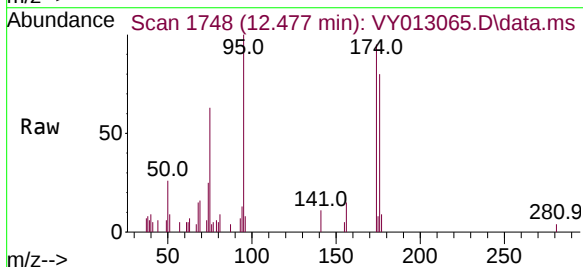
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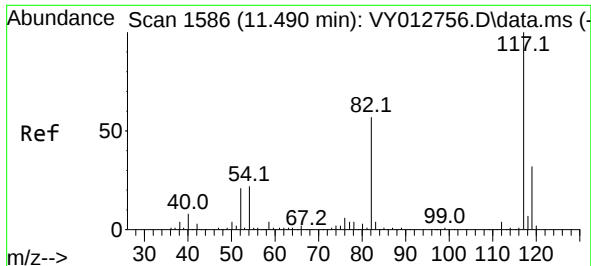
Tgt Ion: 98 Resp: 7587
Ion Ratio Lower Upper
98 100
100 69.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 54.668 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013065.D
Acq: 23 Mar 2023 17:12

Tgt Ion: 95 Resp: 2662
Ion Ratio Lower Upper
95 100
174 86.3 0.0 176.6
176 78.3 0.0 170.2

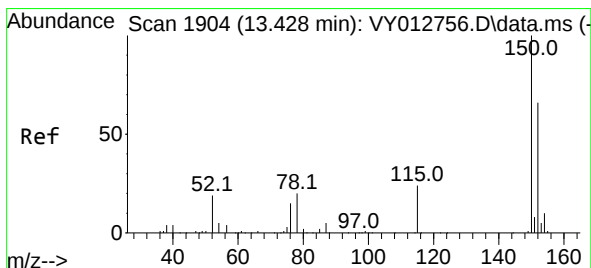
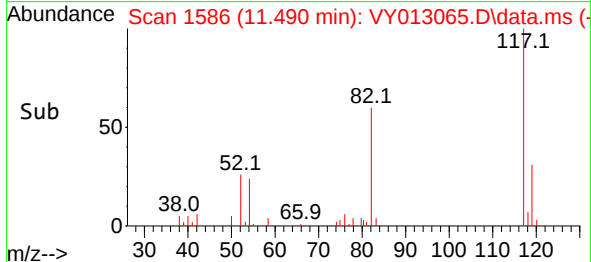
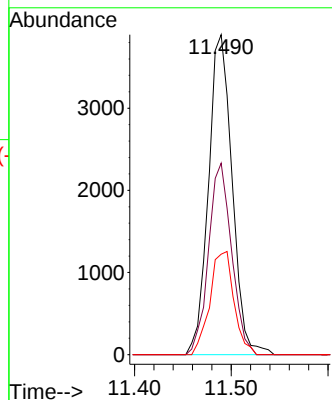
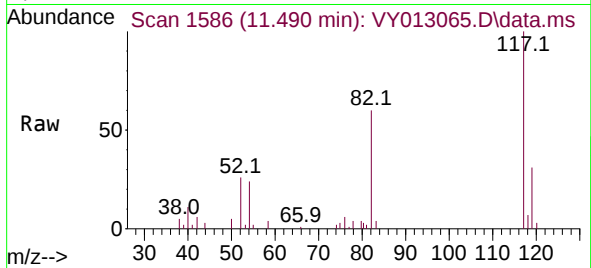




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY013065.D
Acq: 23 Mar 2023 17:12

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-032323

Tgt Ion:117 Resp: 6627
Ion Ratio Lower Upper
117 100
82 59.8 45.4 68.0
119 31.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY013065.D
Acq: 23 Mar 2023 17:12

Tgt Ion:152 Resp: 2758
Ion Ratio Lower Upper
152 100
115 61.2 27.1 81.3
150 159.8 0.0 347.8

