

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010323\
 Data File : VY012055.D
 Acq On : 03 Jan 2023 18:29
 Operator : KP/MD
 Sample : 01002-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Jan 04 01:21:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	171382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	298667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	276392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	120910	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	99615	57.693	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.380%
35) Dibromofluoromethane	7.716	113	91548	50.915	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.820%
50) Toluene-d8	10.179	98	355895	48.785	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.580%
62) 4-Bromofluorobenzene	12.483	95	110344	44.974	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.940%

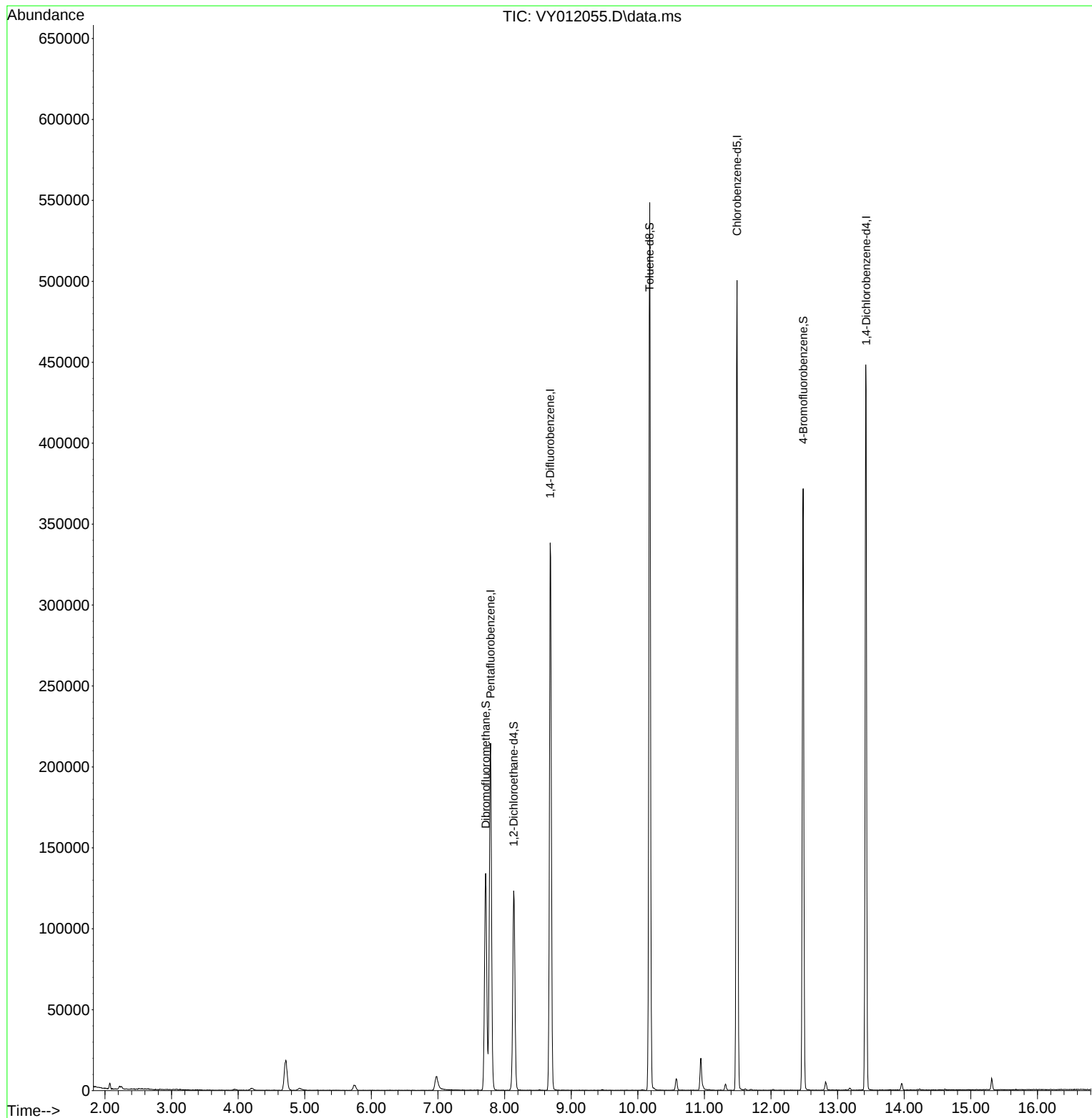
Target Compounds	Qvalue

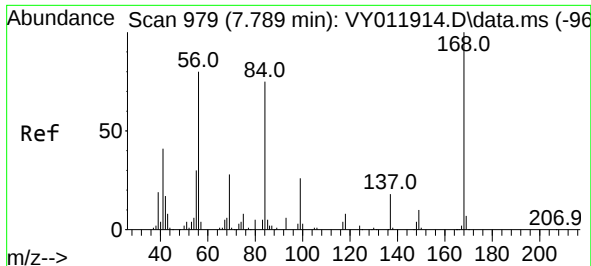
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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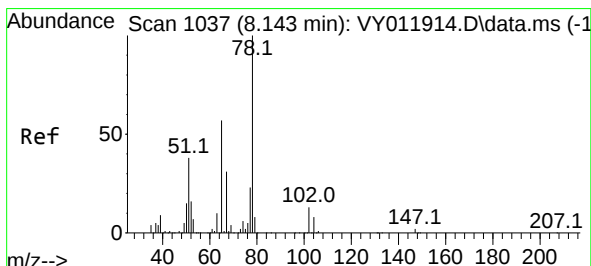
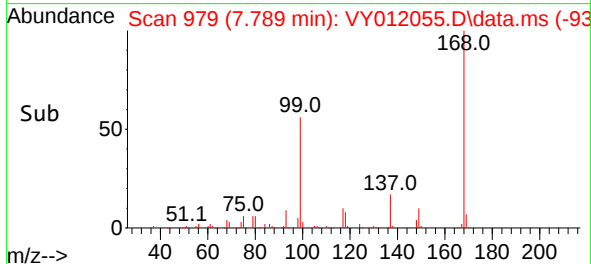
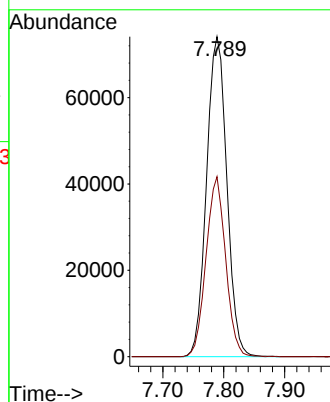
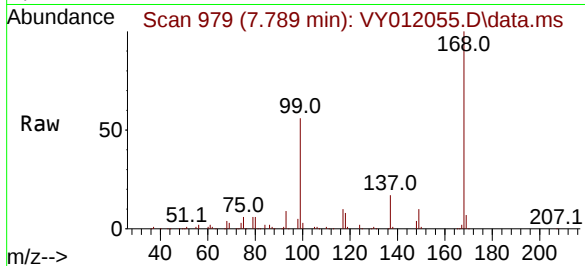




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012055.D
Acq: 03 Jan 2023 18:29

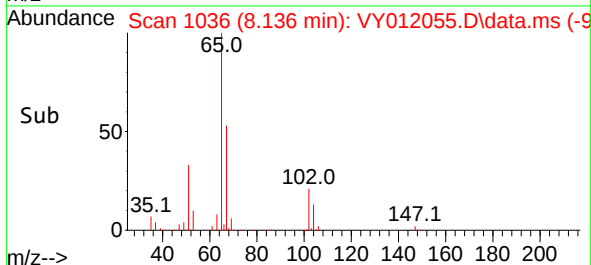
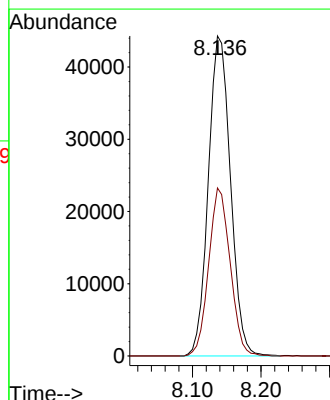
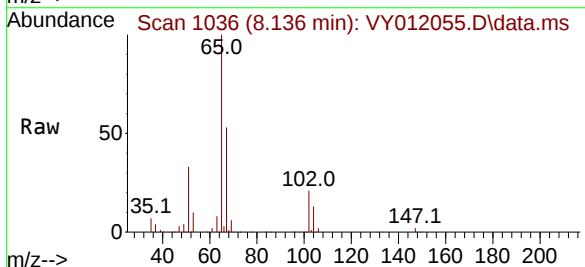
Instrument :
MSVOA_Y
ClientSampleId :
VOC

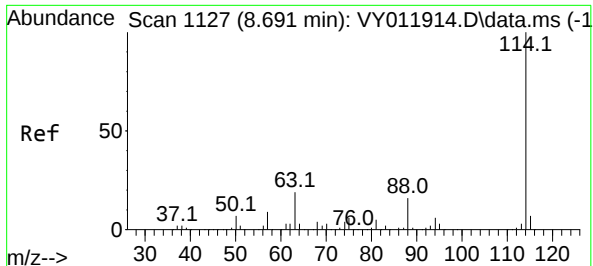
Tgt Ion:168 Resp: 171382
Ion Ratio Lower Upper
168 100
99 56.2 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 57.693 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012055.D
Acq: 03 Jan 2023 18:29

Tgt Ion: 65 Resp: 99615
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012055.D

Acq: 03 Jan 2023 18:29

Instrument :

MSVOA_Y

ClientSampleId :

VOC

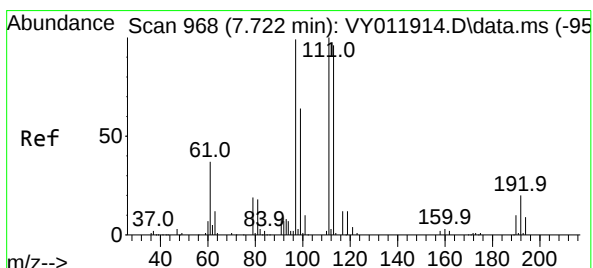
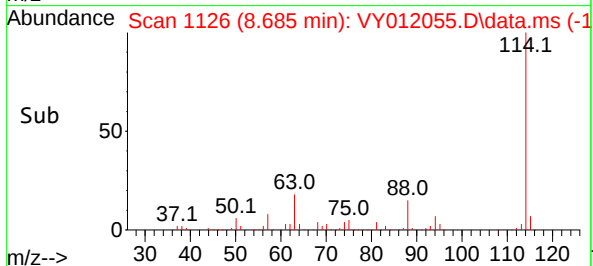
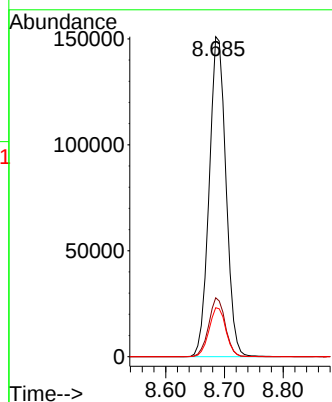
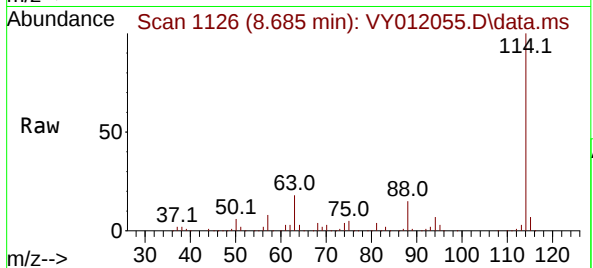
Tgt Ion:114 Resp: 298667

Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.6

88 15.3 0.0 32.2



#35

Dibromofluoromethane

Concen: 50.915 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012055.D

Acq: 03 Jan 2023 18:29

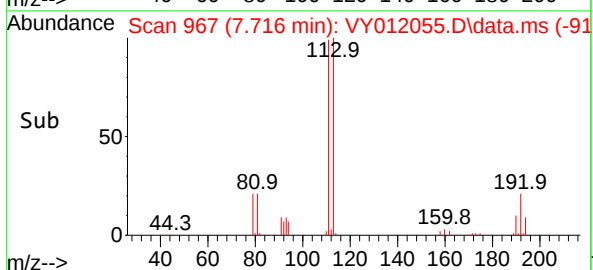
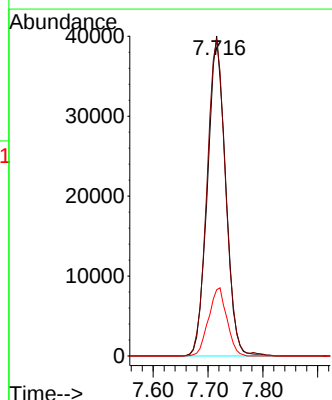
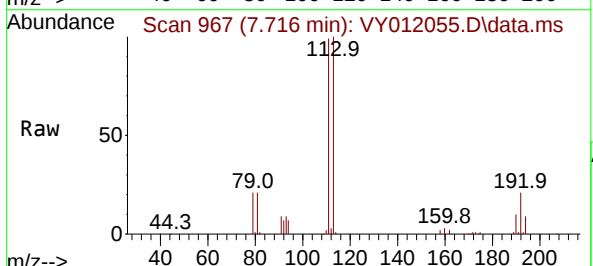
Tgt Ion:113 Resp: 91548

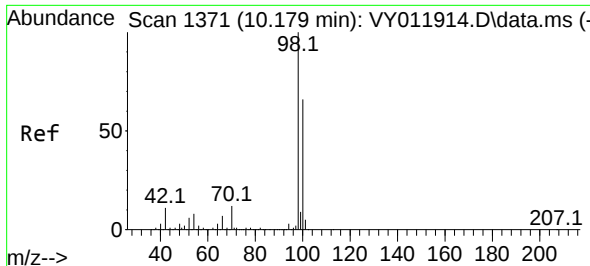
Ion Ratio Lower Upper

113 100

111 101.8 83.0 124.4

192 21.5 16.0 24.0

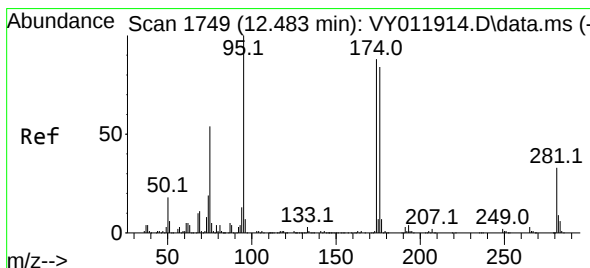
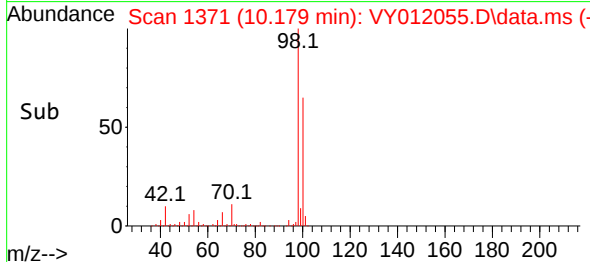
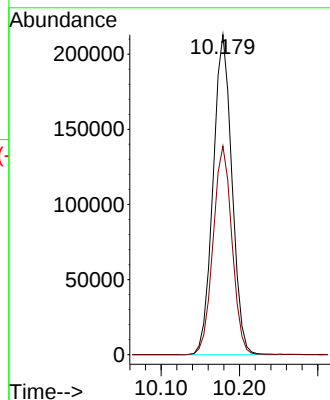
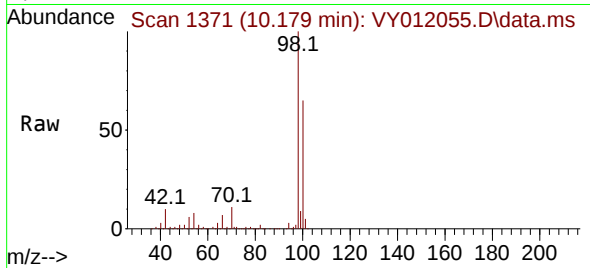




#50
Toluene-d8
Concen: 48.785 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012055.D
Acq: 03 Jan 2023 18:29

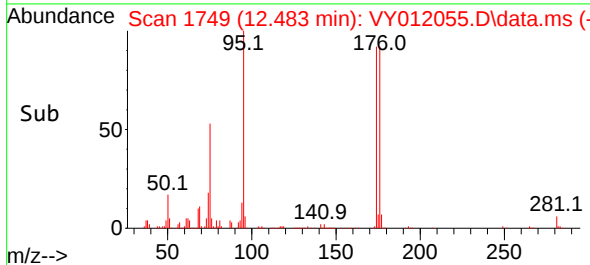
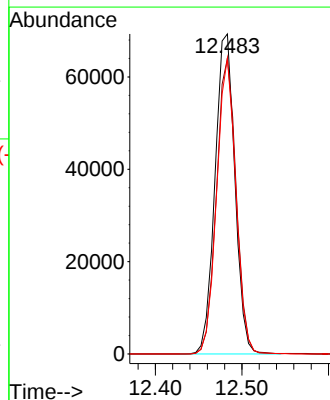
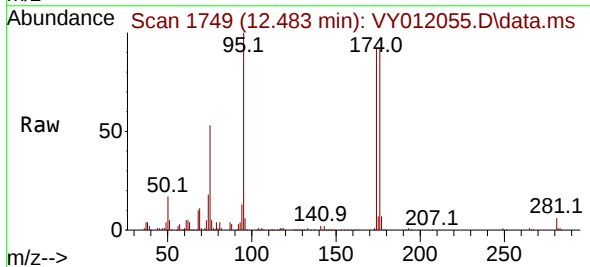
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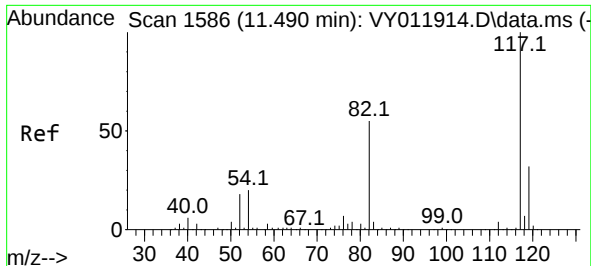
Tgt Ion: 98 Resp: 355895
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 44.974 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012055.D
Acq: 03 Jan 2023 18:29

Tgt Ion: 95 Resp: 110344
Ion Ratio Lower Upper
95 100
174 91.8 0.0 172.0
176 89.3 0.0 167.6

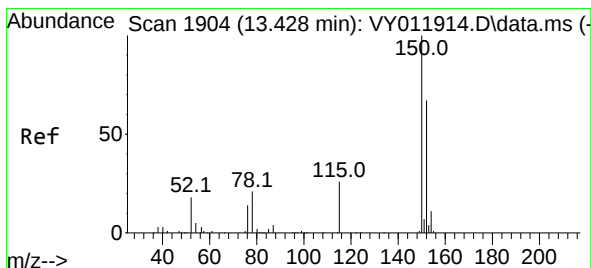
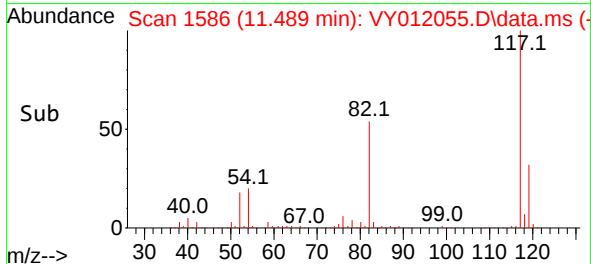
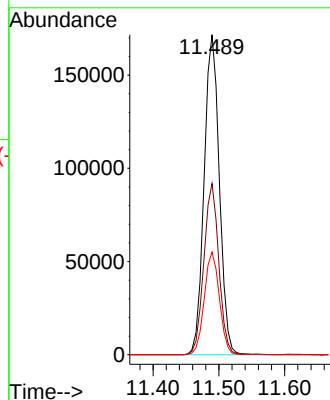
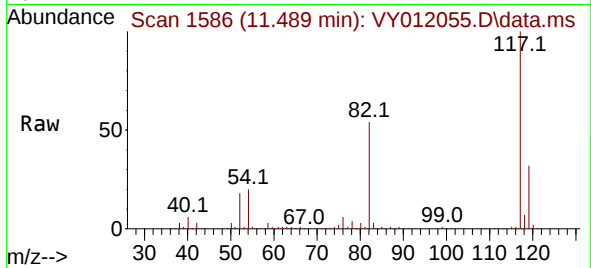




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012055.D
Acq: 03 Jan 2023 18:29

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion:117 Resp: 276392
Ion Ratio Lower Upper
117 100
82 53.5 44.8 67.2
119 32.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012055.D
Acq: 03 Jan 2023 18:29

Tgt Ion:152 Resp: 120910
Ion Ratio Lower Upper
152 100
115 57.2 29.1 87.3
150 157.7 0.0 342.6

