

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010523\
 Data File : VY012075.D
 Acq On : 05 Jan 2023 15:17
 Operator : KP/MD
 Sample : VY0105SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0105SBL01

Quant Time: Jan 05 23:18:14 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	187533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	289298	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	252609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	122040	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	90028	47.650	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.300%
35) Dibromofluoromethane	7.710	113	83499	47.942	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.880%
50) Toluene-d8	10.179	98	314775	44.546	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.100%
62) 4-Bromofluorobenzene	12.483	95	102424	43.098	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.200%

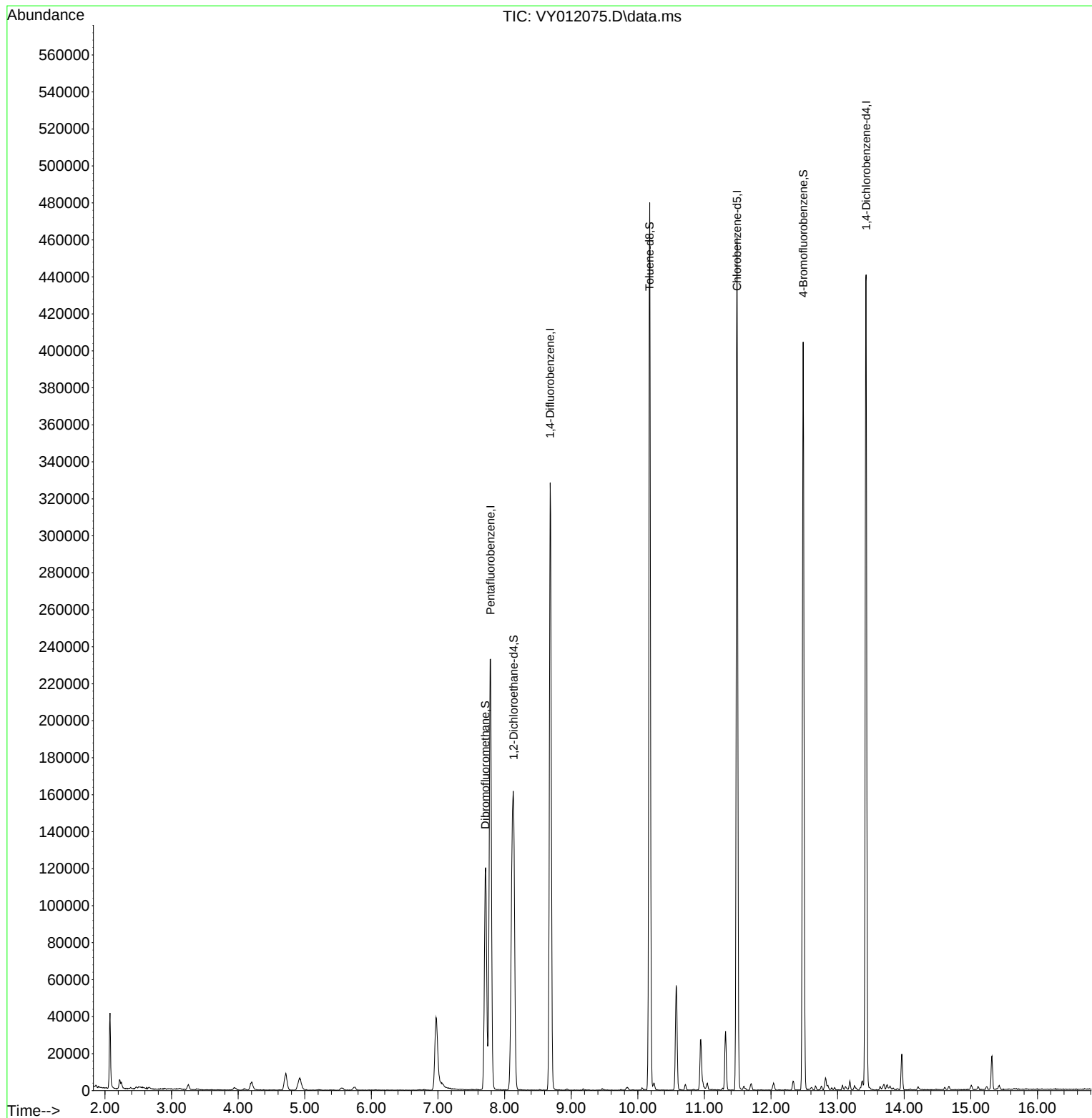
Target Compounds	Qvalue

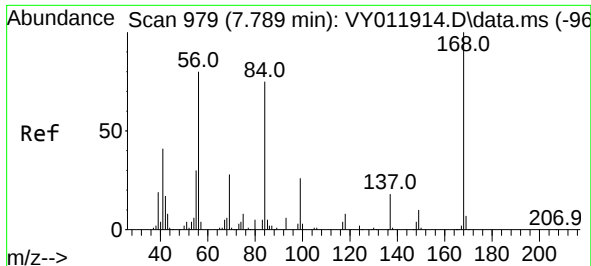
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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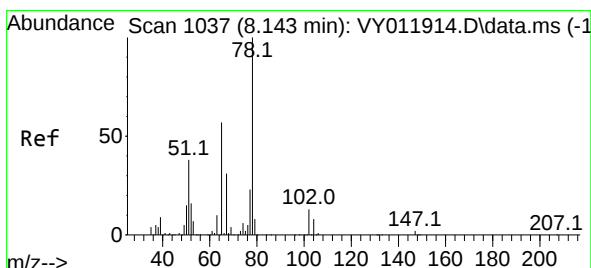
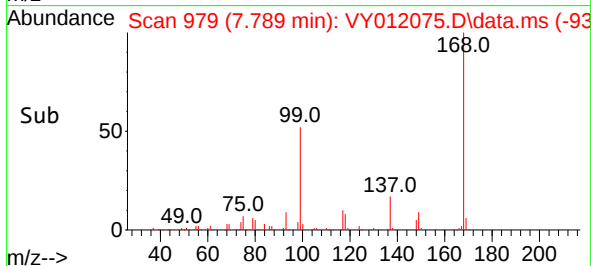
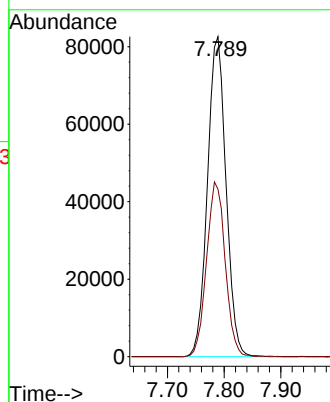
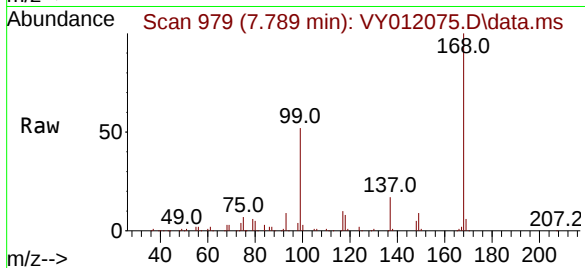




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012075.D
Acq: 05 Jan 2023 15:17

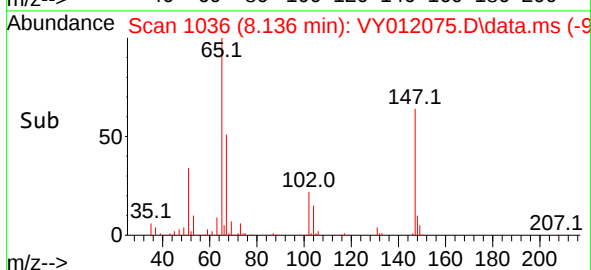
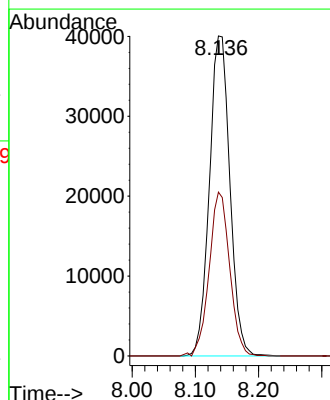
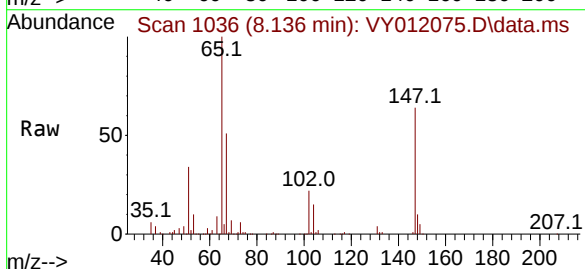
Instrument :
MSVOA_Y
ClientSampleId :
VY0105SBL01

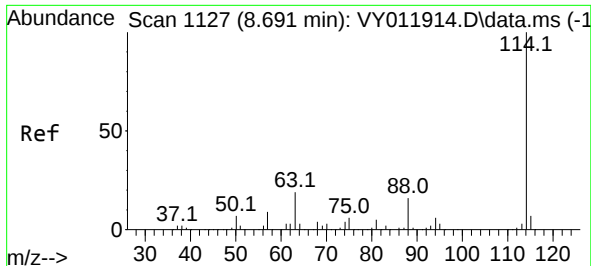
Tgt Ion:168 Resp: 187533
Ion Ratio Lower Upper
168 100
99 52.3 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 47.650 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012075.D
Acq: 05 Jan 2023 15:17

Tgt Ion: 65 Resp: 90028
Ion Ratio Lower Upper
65 100
67 51.3 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: VY012075.D

Acq: 05 Jan 2023 15:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0105SBL01

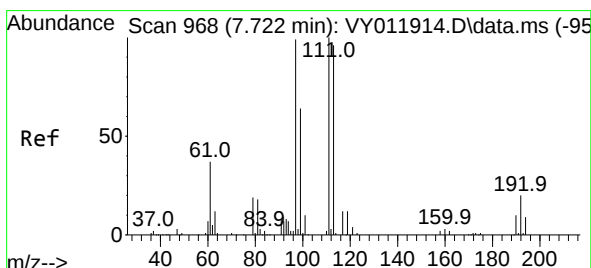
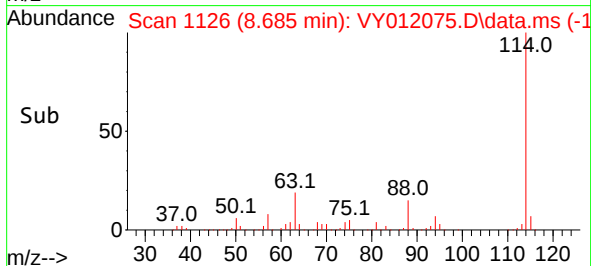
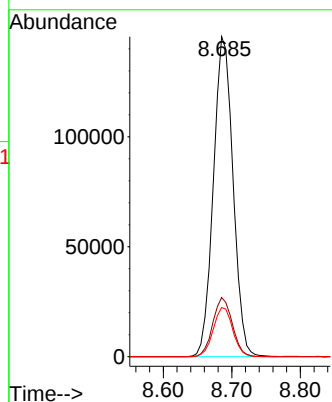
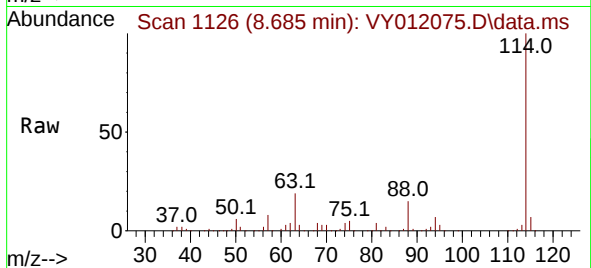
Tgt Ion:114 Resp: 289298

Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.6

88 15.4 0.0 32.2



#35

Dibromofluoromethane

Concen: 47.942 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY012075.D

Acq: 05 Jan 2023 15:17

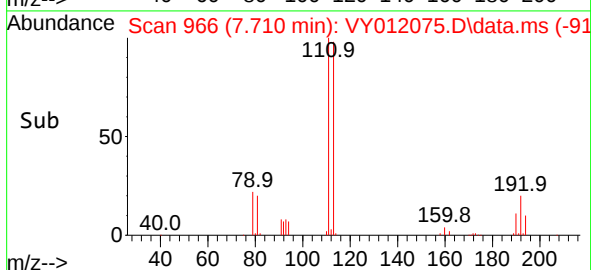
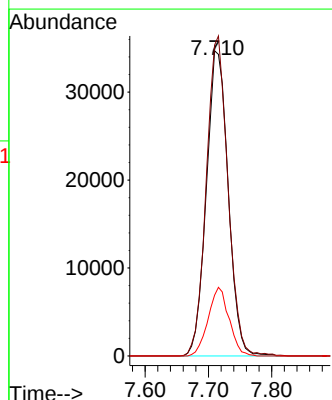
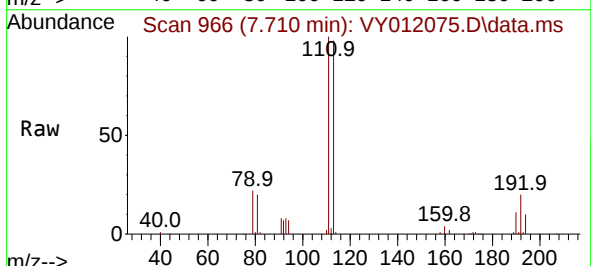
Tgt Ion:113 Resp: 83499

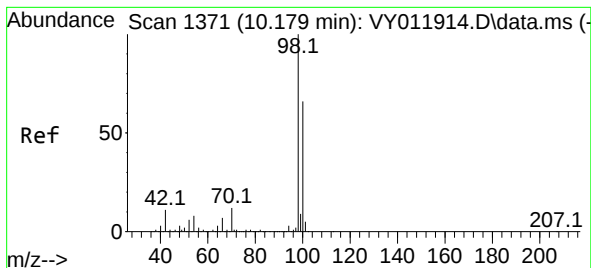
Ion Ratio Lower Upper

113 100

111 103.4 83.0 124.4

192 21.4 16.0 24.0

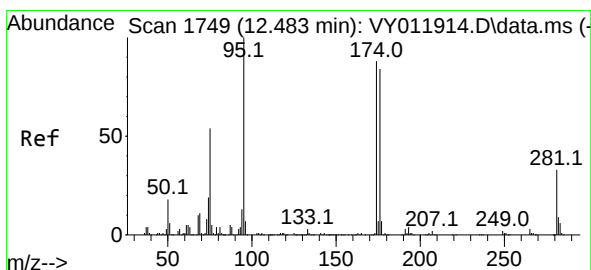
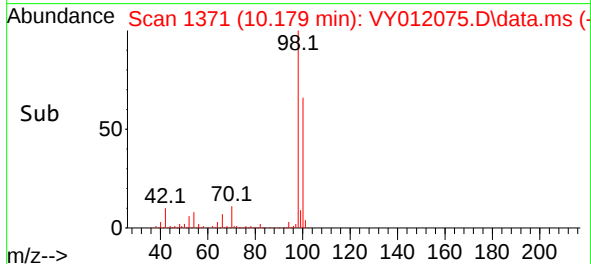
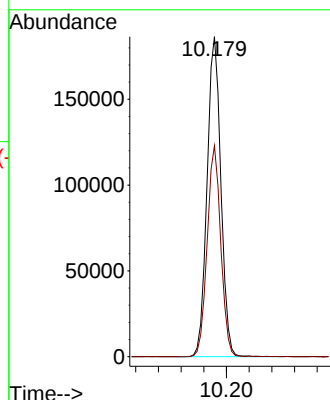
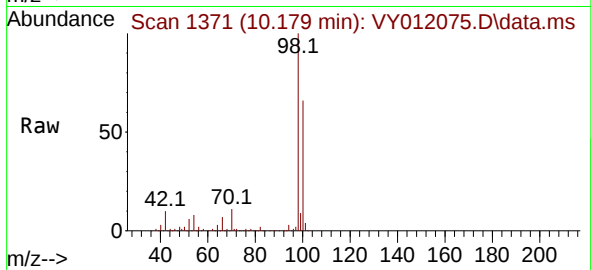




#50
Toluene-d8
Concen: 44.546 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012075.D
Acq: 05 Jan 2023 15:17

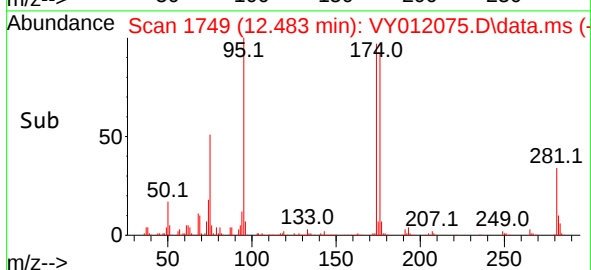
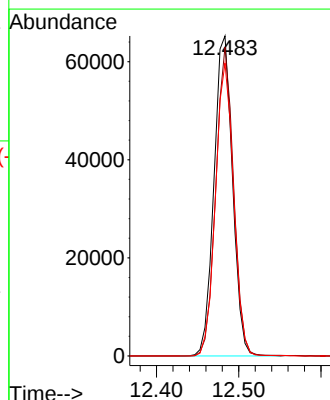
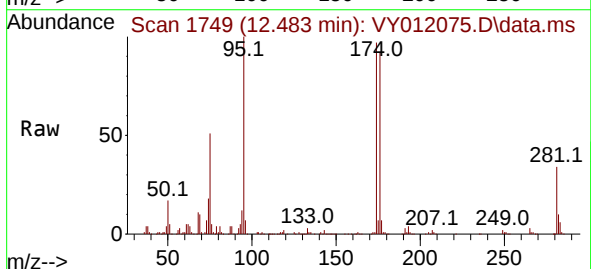
Instrument :
MSVOA_Y
ClientSampleId :
VY0105SBL01

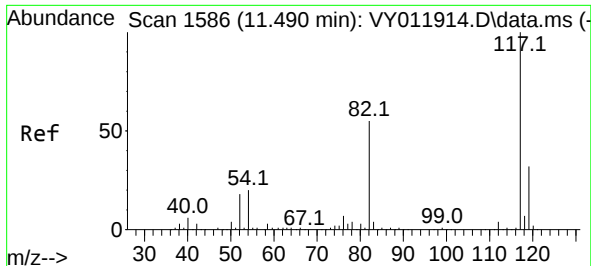
Tgt Ion: 98 Resp: 314775
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 43.098 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012075.D
Acq: 05 Jan 2023 15:17

Tgt Ion: 95 Resp: 102424
Ion Ratio Lower Upper
95 100
174 92.4 0.0 172.0
176 89.7 0.0 167.6

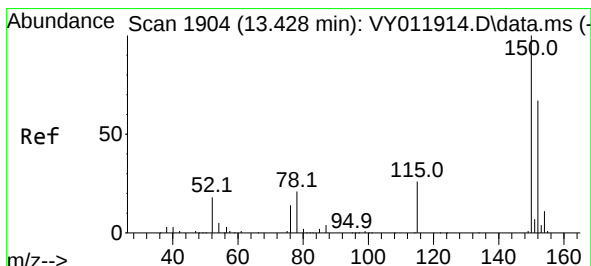
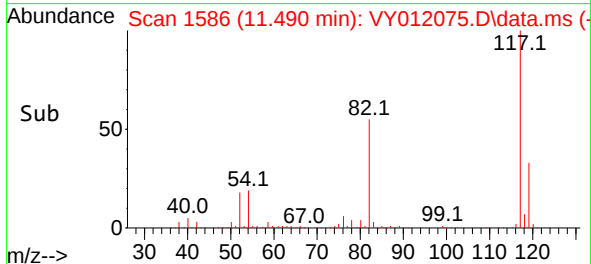
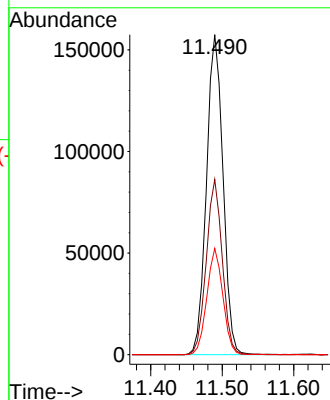
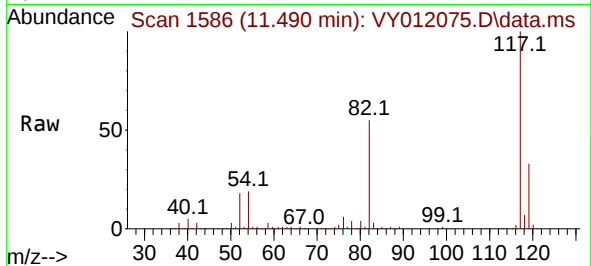




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012075.D
Acq: 05 Jan 2023 15:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0105SBL01

Tgt Ion:117 Resp: 252609
Ion Ratio Lower Upper
117 100
82 54.8 44.8 67.2
119 33.2 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: VY012075.D
Acq: 05 Jan 2023 15:17

Tgt Ion:152 Resp: 122040
Ion Ratio Lower Upper
152 100
115 56.8 29.1 87.3
150 157.0 0.0 342.6

