

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030123\
 Data File : VY012748.D
 Acq On : 01 Mar 2023 14:02
 Operator : KP/MD
 Sample : 01722-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-01-022723

Quant Time: Mar 02 02:05:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	129467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	211943	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	183741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85578	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	92398	60.428	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.860%
35) Dibromofluoromethane	7.722	113	87423	61.069	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	122.140%
50) Toluene-d8	10.179	98	308915	57.600	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	115.200%
62) 4-Bromofluorobenzene	12.483	95	96068	55.976	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.960%

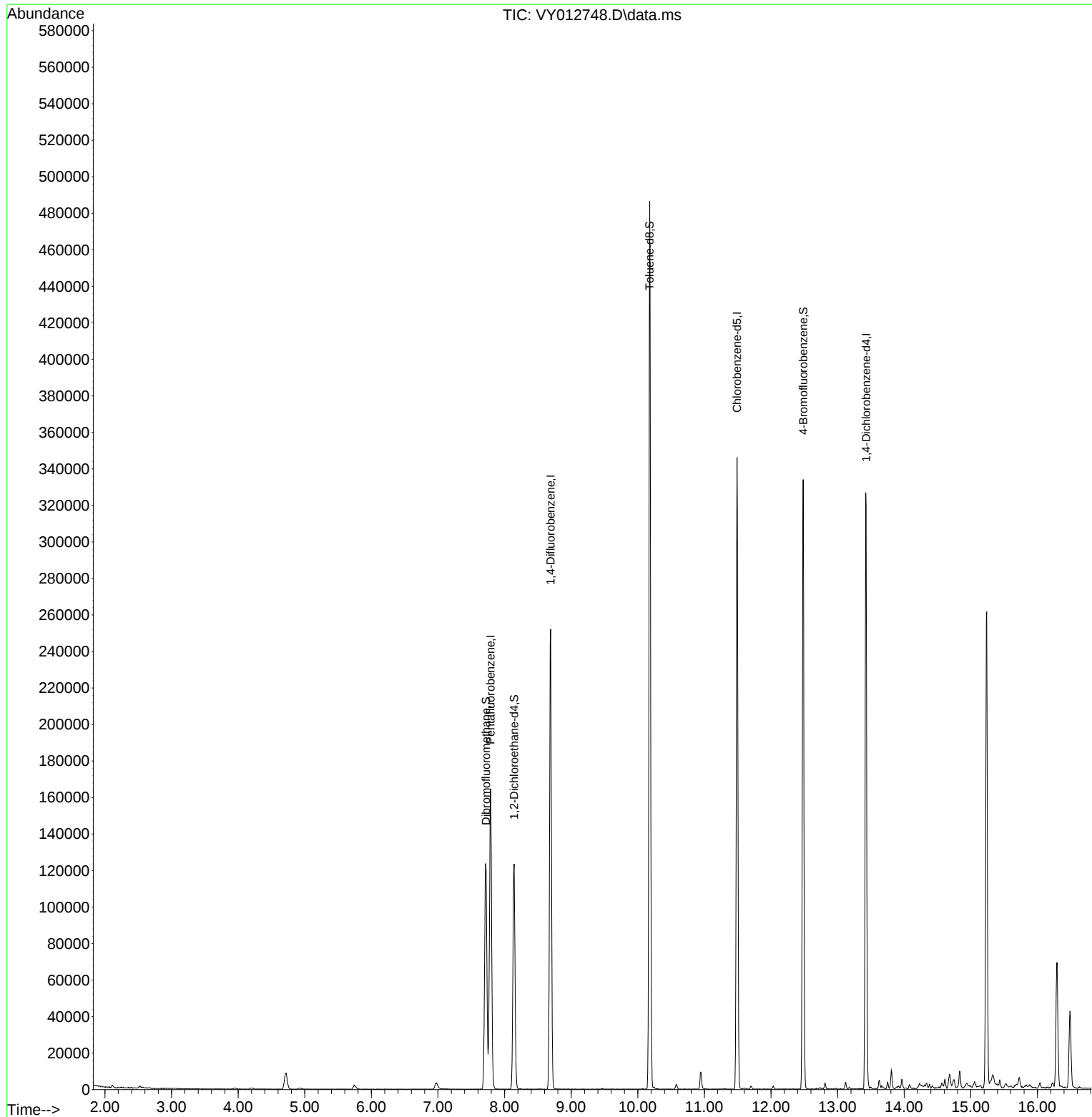
Target Compounds	Qvalue

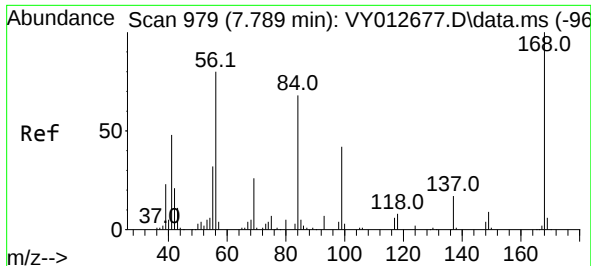
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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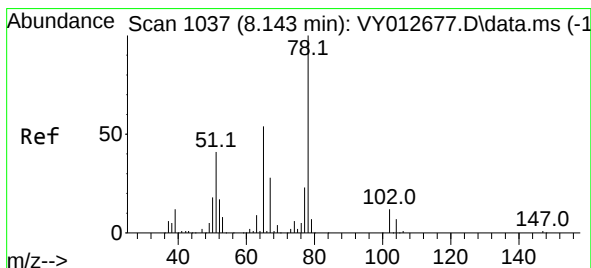
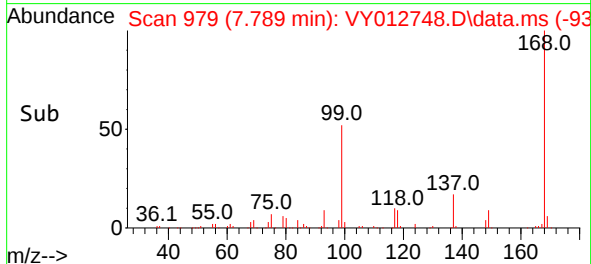
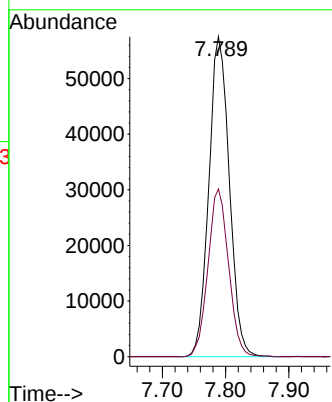
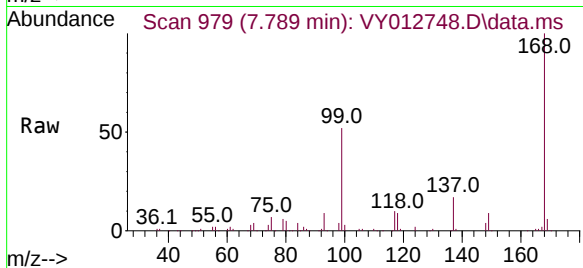




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012748.D
Acq: 01 Mar 2023 14:02

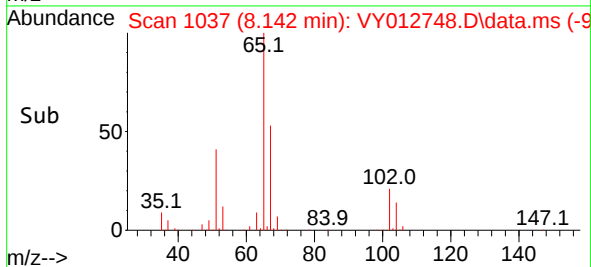
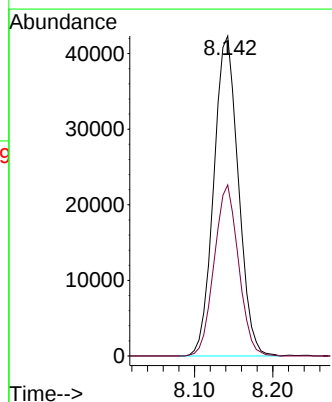
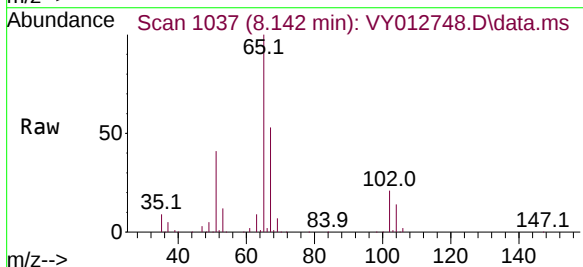
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-022723

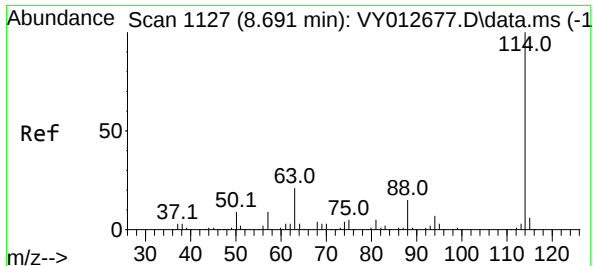
Tgt Ion:168 Resp: 129467
Ion Ratio Lower Upper
168 100
99 52.4 45.4 68.2



#33
1,2-Dichloroethane-d4
Concen: 60.428 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012748.D
Acq: 01 Mar 2023 14:02

Tgt Ion: 65 Resp: 92398
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012748.D

Acq: 01 Mar 2023 14:02

Instrument :

MSVOA_Y

ClientSampleId :

HD-01-022723

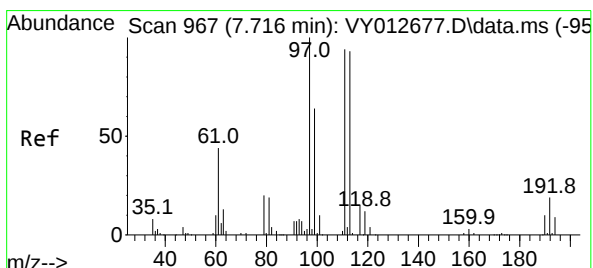
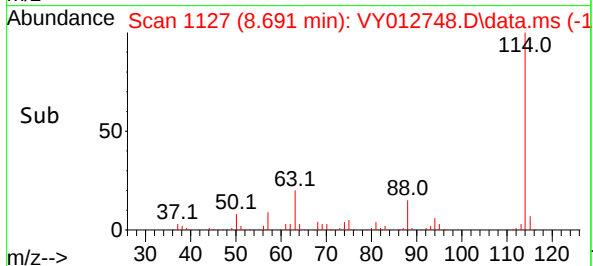
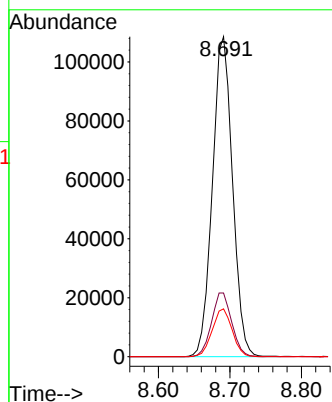
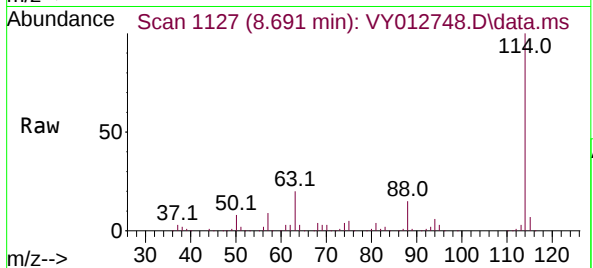
Tgt Ion:114 Resp: 211943

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.8

88 14.9 0.0 29.6



#35

Dibromofluoromethane

Concen: 61.069 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY012748.D

Acq: 01 Mar 2023 14:02

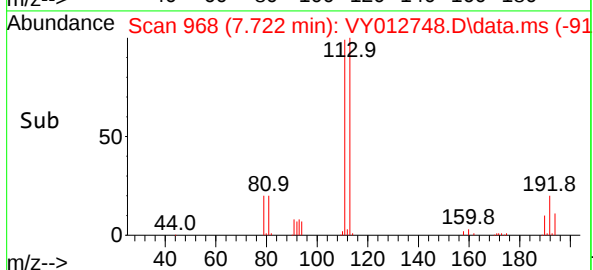
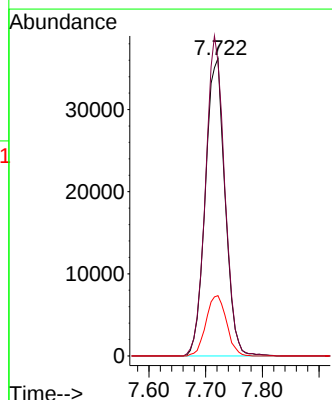
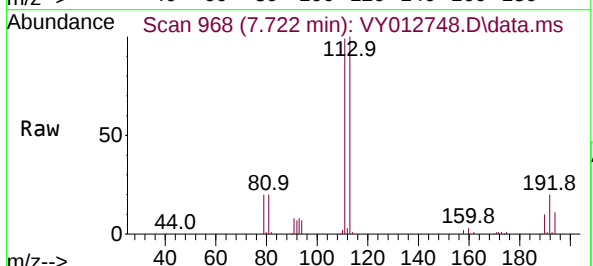
Tgt Ion:113 Resp: 87423

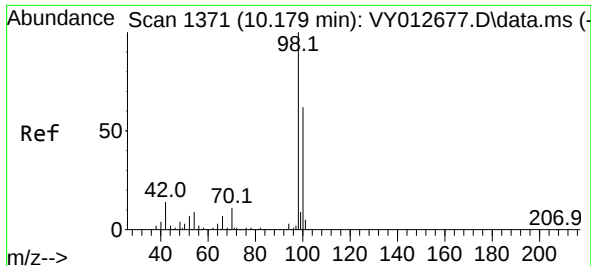
Ion Ratio Lower Upper

113 100

111 104.2 82.0 123.0

192 21.1 16.2 24.2

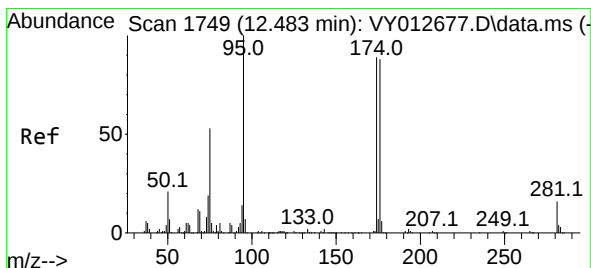
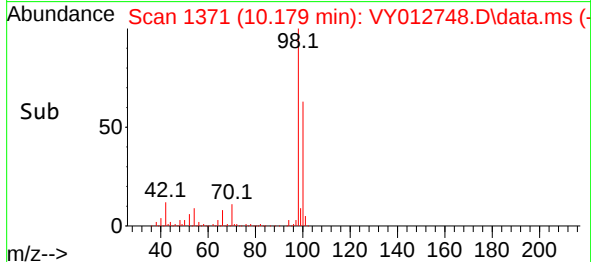
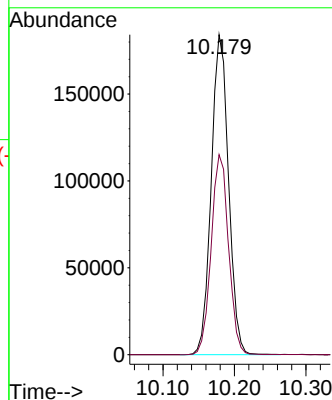
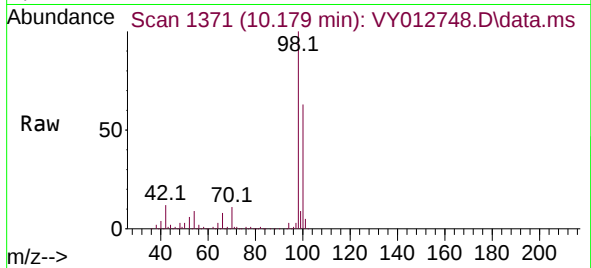




#50
Toluene-d8
Concen: 57.600 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY012748.D
Acq: 01 Mar 2023 14:02

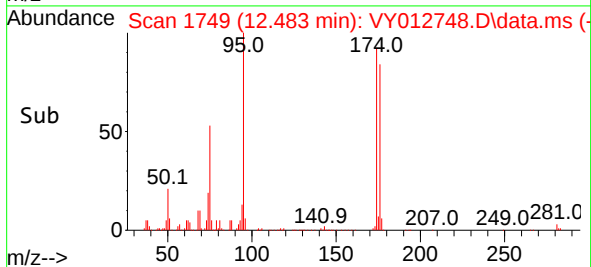
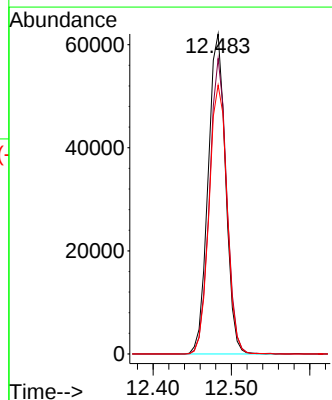
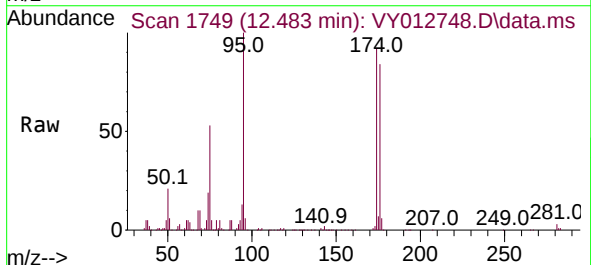
Instrument :
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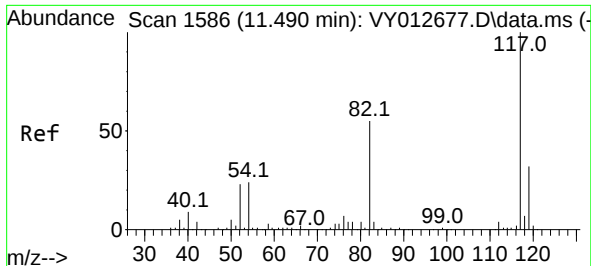
Tgt Ion: 98 Resp: 308915
Ion Ratio Lower Upper
98 100
100 62.8 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 55.976 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012748.D
Acq: 01 Mar 2023 14:02

Tgt Ion: 95 Resp: 96068
Ion Ratio Lower Upper
95 100
174 91.4 0.0 172.8
176 86.8 0.0 169.4

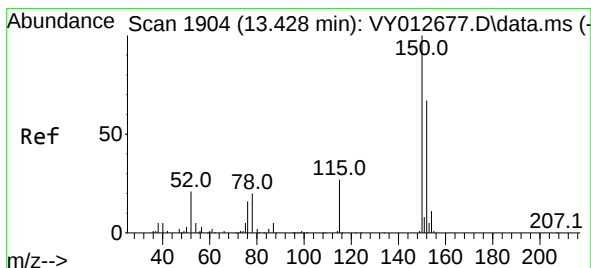
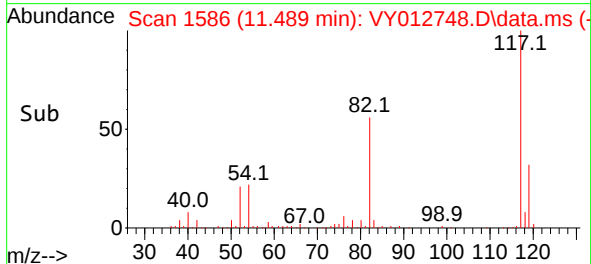
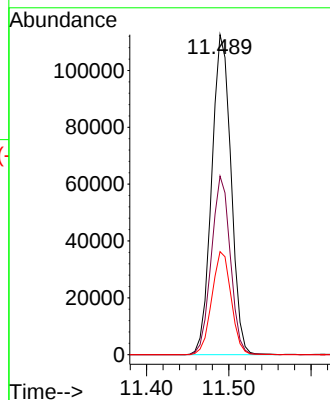
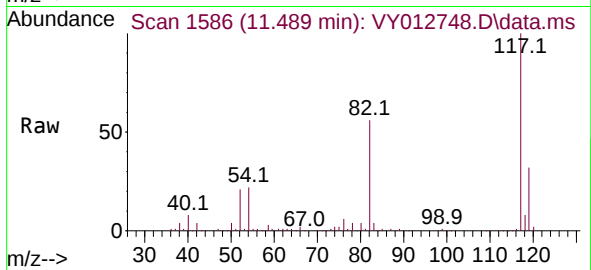




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012748.D
Acq: 01 Mar 2023 14:02

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-022723

Tgt Ion:117 Resp: 183741
Ion Ratio Lower Upper
117 100
82 55.8 44.1 66.1
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012748.D
Acq: 01 Mar 2023 14:02

Tgt Ion:152 Resp: 85578
Ion Ratio Lower Upper
152 100
115 54.8 28.7 86.3
150 156.3 0.0 347.6

