

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012023\
 Data File : VY012293.D
 Acq On : 20 Jan 2023 16:13
 Operator : KP/MD
 Sample : 01232-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P-17B

Quant Time: Jan 23 02:21:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	128819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	208628	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	194650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86164	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	68078	64.932	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.860%
35) Dibromofluoromethane	7.716	113	61725	55.876	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.760%
50) Toluene-d8	10.179	98	243713	64.971	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	129.940%
62) 4-Bromofluorobenzene	12.483	95	77411	49.709	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.420%

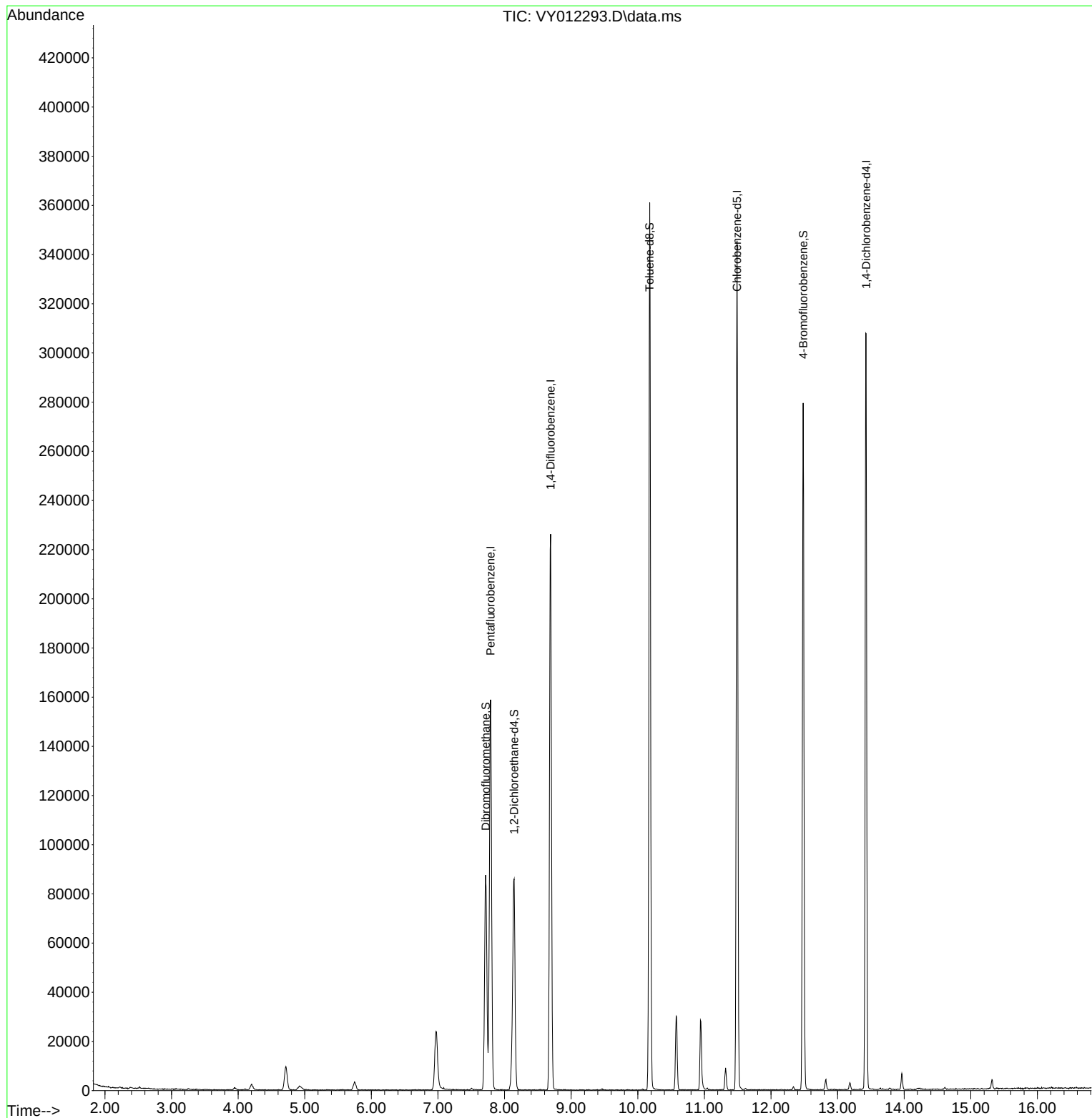
Target Compounds	Qvalue

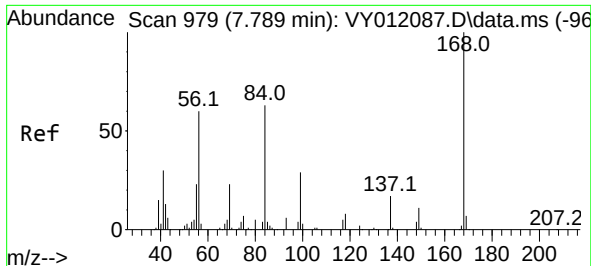
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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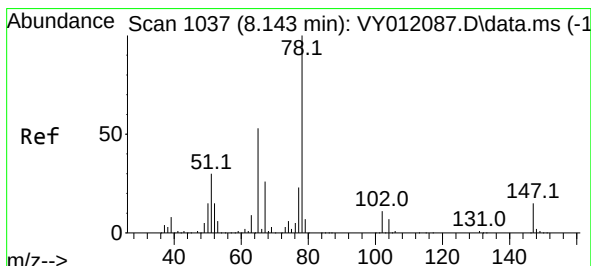
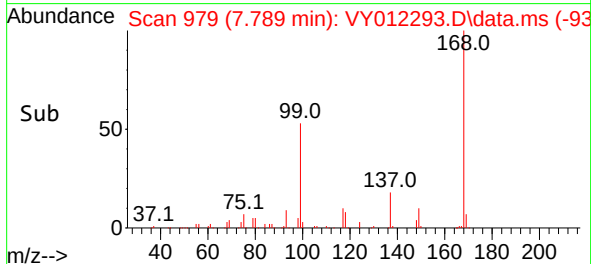
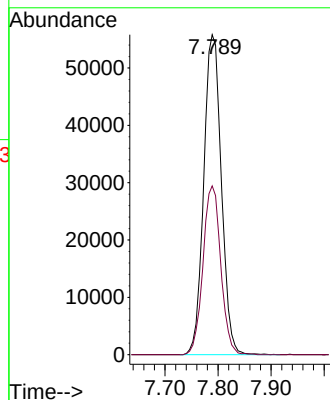
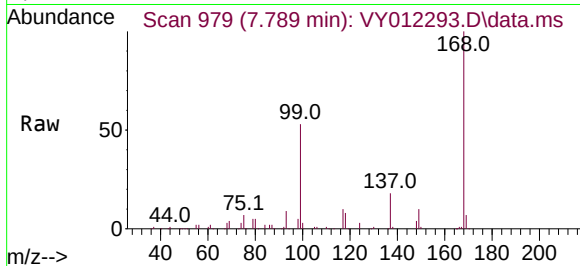




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012293.D
Acq: 20 Jan 2023 16:13

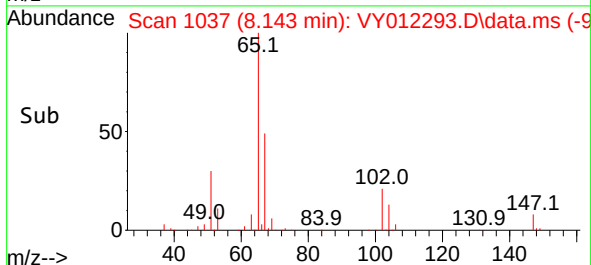
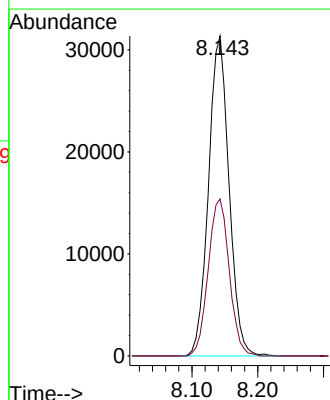
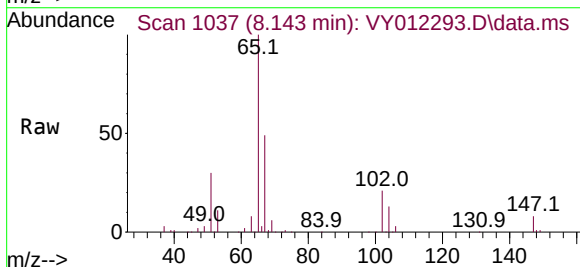
Instrument :
MSVOA_Y
ClientSampleId :
B-P-17B

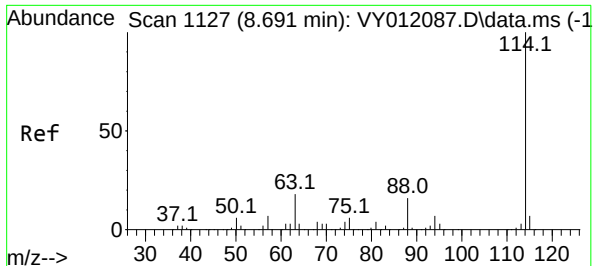
Tgt Ion:168 Resp: 128819
Ion Ratio Lower Upper
168 100
99 52.7 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 64.932 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012293.D
Acq: 20 Jan 2023 16:13

Tgt Ion: 65 Resp: 68078
Ion Ratio Lower Upper
65 100
67 50.3 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012293.D

Acq: 20 Jan 2023 16:13

Instrument :

MSVOA_Y

ClientSampleId :

B-P-17B

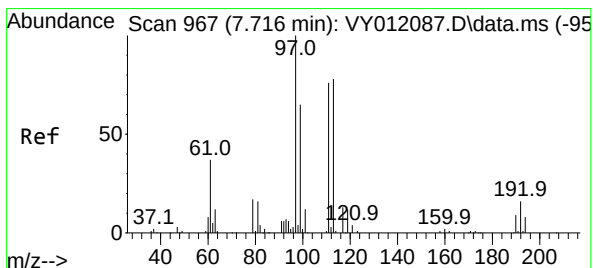
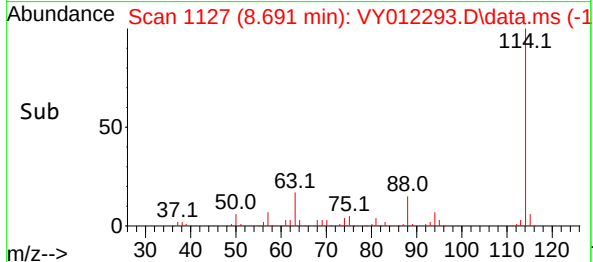
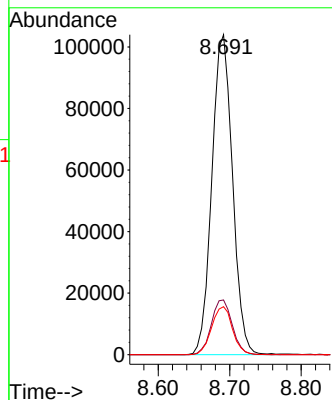
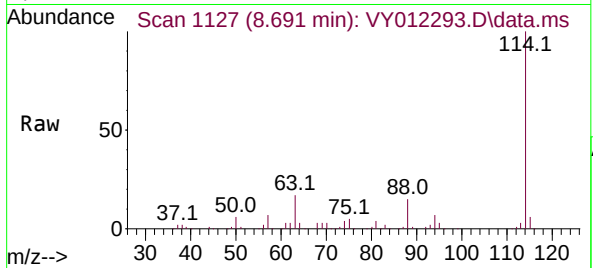
Tgt Ion:114 Resp: 208628

Ion Ratio Lower Upper

114 100

63 17.1 0.0 39.6

88 15.0 0.0 32.2



#35

Dibromofluoromethane

Concen: 55.876 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012293.D

Acq: 20 Jan 2023 16:13

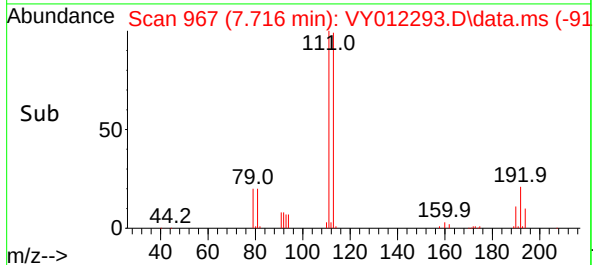
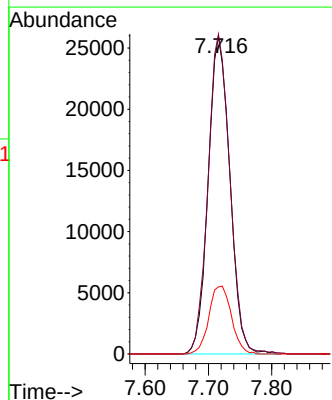
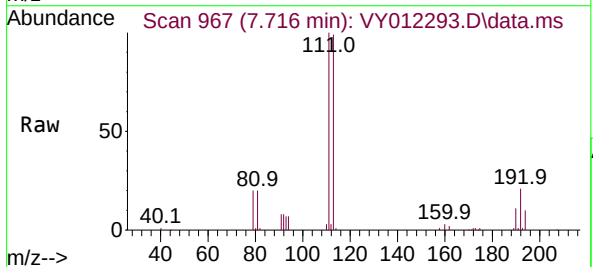
Tgt Ion:113 Resp: 61725

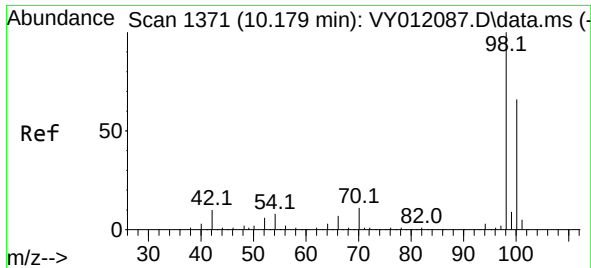
Ion Ratio Lower Upper

113 100

111 101.9 83.0 124.4

192 22.2 16.0 24.0

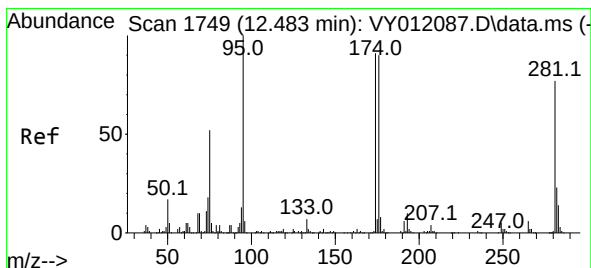
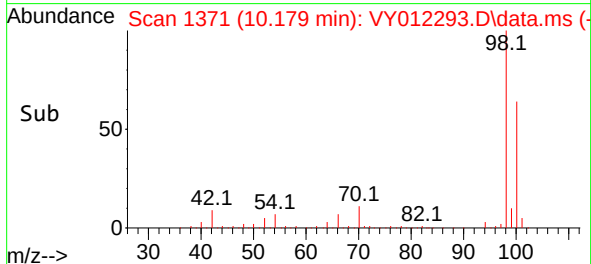
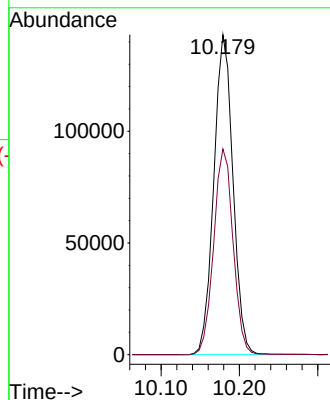
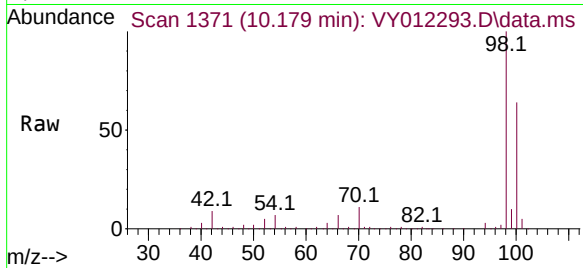




#50
Toluene-d8
Concen: 64.971 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012293.D
Acq: 20 Jan 2023 16:13

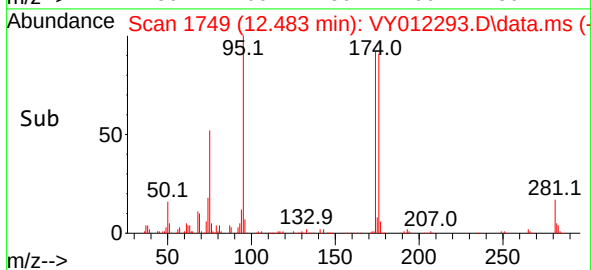
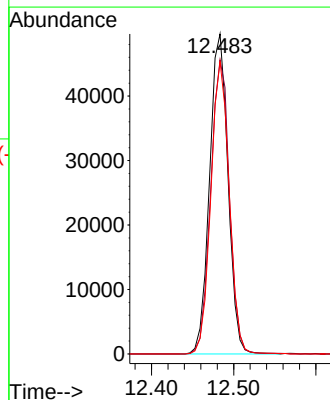
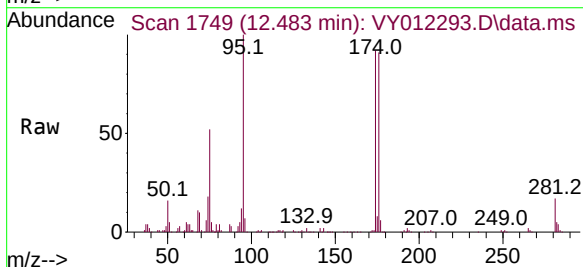
Instrument :
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B-P-17B

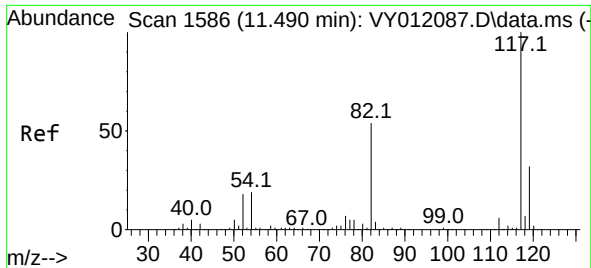
Tgt Ion: 98 Resp: 243713
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 49.709 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012293.D
Acq: 20 Jan 2023 16:13

Tgt Ion: 95 Resp: 77411
Ion Ratio Lower Upper
95 100
174 93.3 0.0 172.0
176 90.7 0.0 167.6

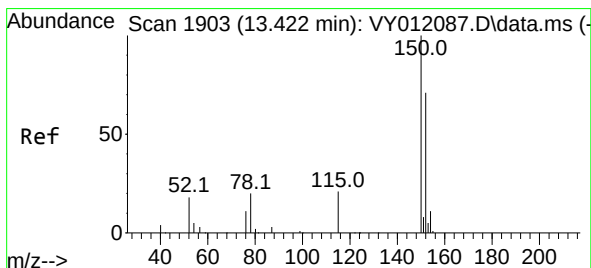
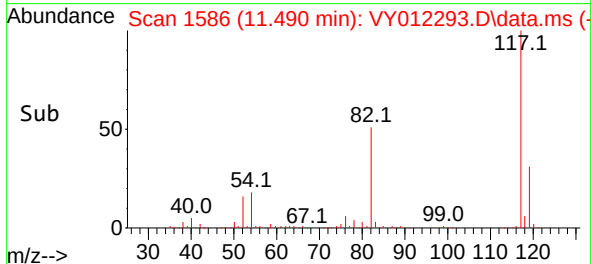
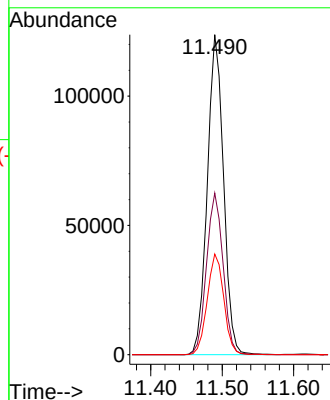
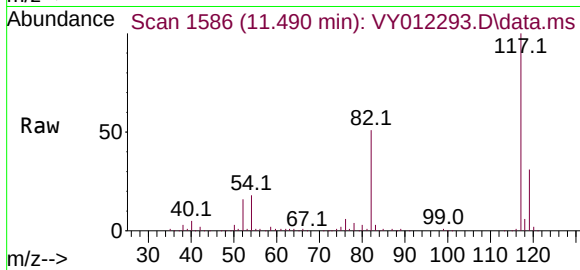




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012293.D
Acq: 20 Jan 2023 16:13

Instrument :
MSVOA_Y
ClientSampleId :
B-P-17B

Tgt Ion:117 Resp: 194650
Ion Ratio Lower Upper
117 100
82 50.5 44.8 67.2
119 31.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012293.D
Acq: 20 Jan 2023 16:13

Tgt Ion:152 Resp: 86164
Ion Ratio Lower Upper
152 100
115 57.6 29.1 87.3
150 157.7 0.0 342.6

