

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012023\
 Data File : VY012303.D
 Acq On : 20 Jan 2023 20:07
 Operator : KP/MD
 Sample : 01239-01
 Misc : 4.97g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BORING-3

Quant Time: Jan 23 02:26:08 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	151553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	250911	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	249183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	119398	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	93372	76.405	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	152.820%
35) Dibromofluoromethane	7.722	113	75742	57.010	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.020%
50) Toluene-d8	10.179	98	297899	66.110	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	132.220%
62) 4-Bromofluorobenzene	12.483	95	101965	54.443	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.880%

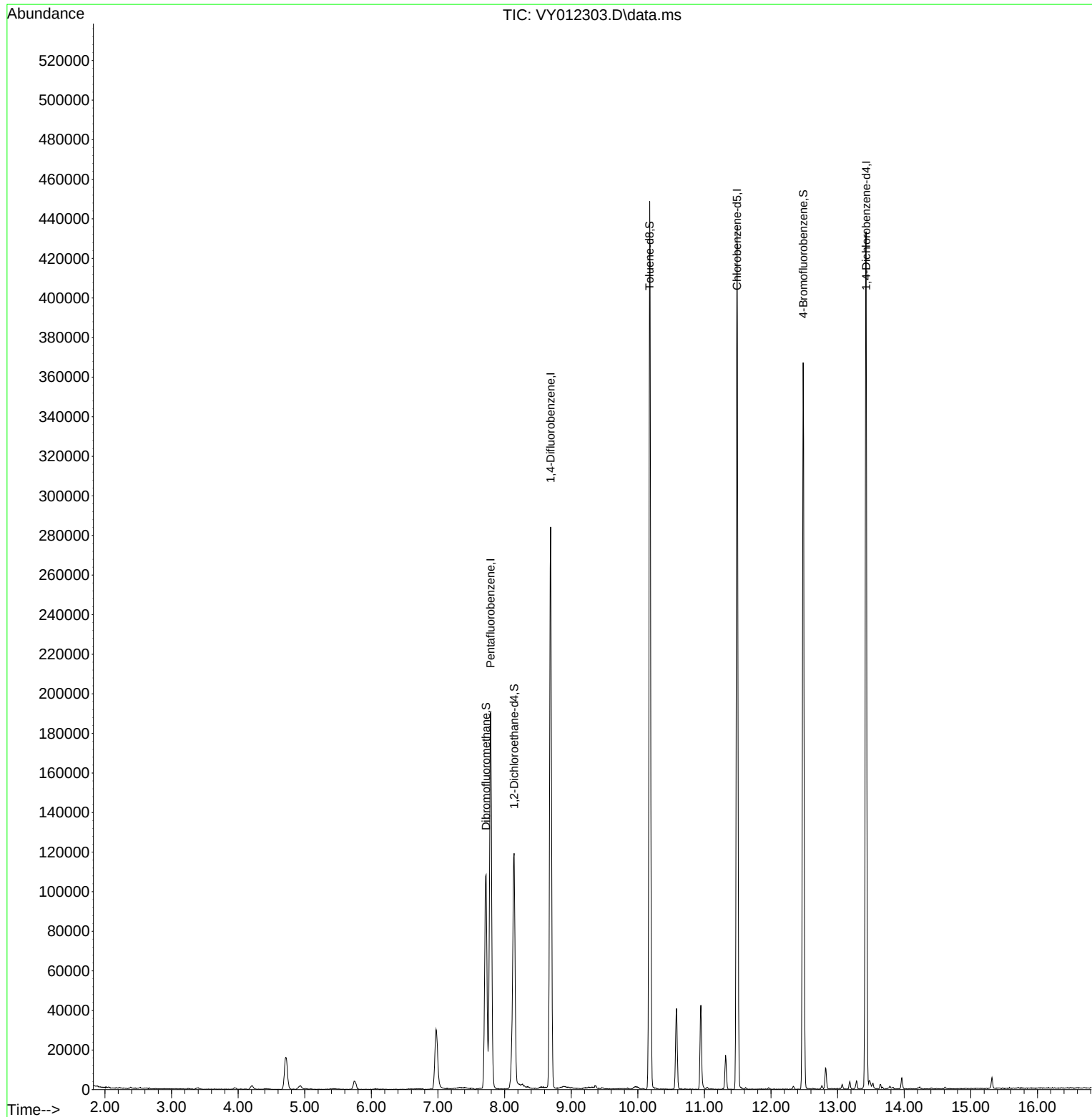
Target Compounds	Qvalue

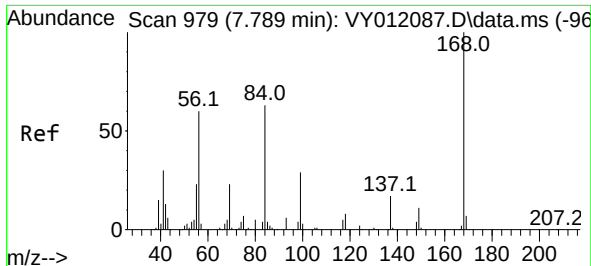
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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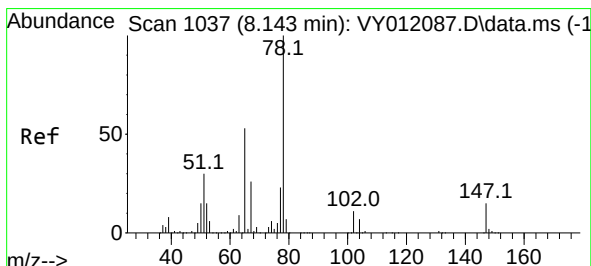
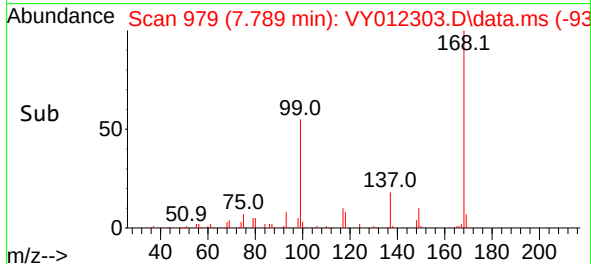
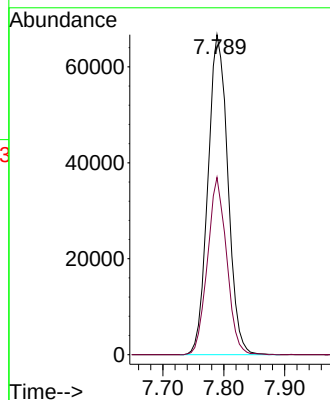
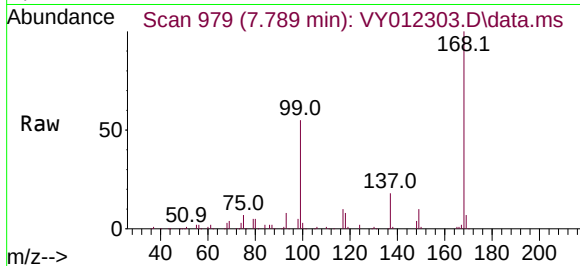




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012303.D
Acq: 20 Jan 2023 20:07

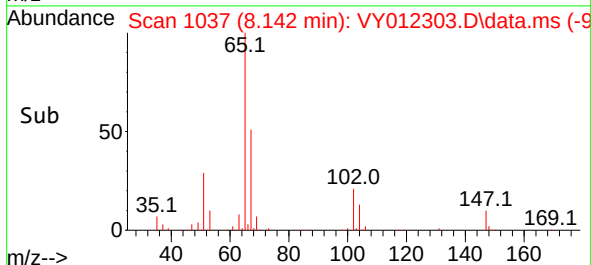
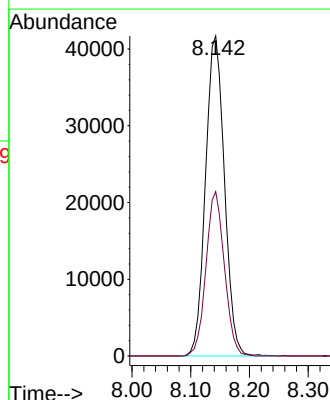
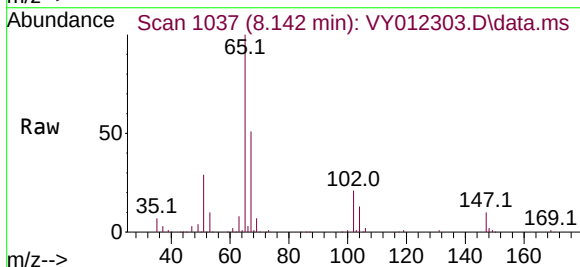
Instrument :
MSVOA_Y
ClientSampleId :
BORING-3

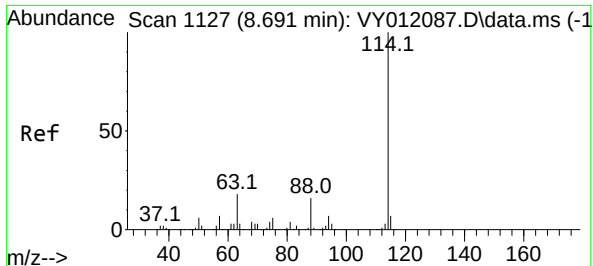
Tgt Ion:168 Resp: 151553
Ion Ratio Lower Upper
168 100
99 55.4 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 76.405 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012303.D
Acq: 20 Jan 2023 20:07

Tgt Ion: 65 Resp: 93372
Ion Ratio Lower Upper
65 100
67 50.0 0.0 103.2

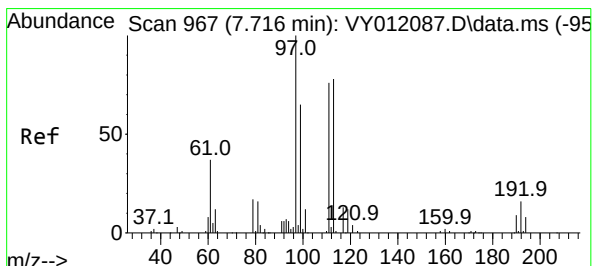
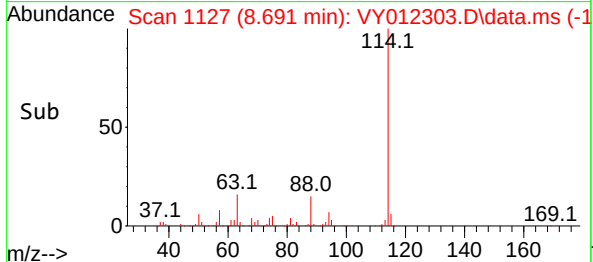
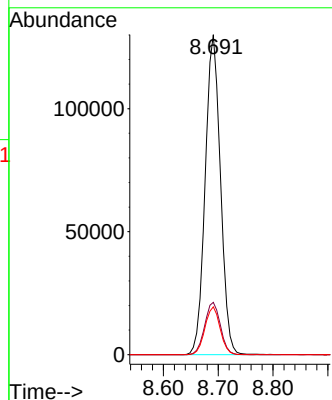
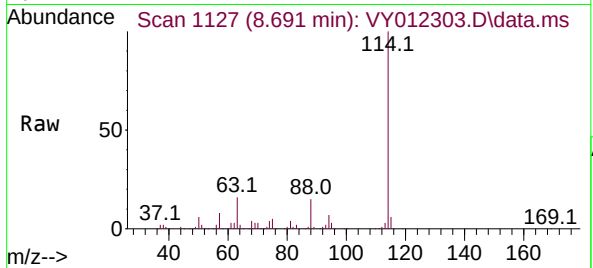




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012303.D
Acq: 20 Jan 2023 20:07

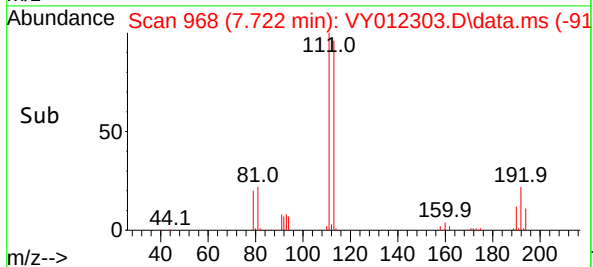
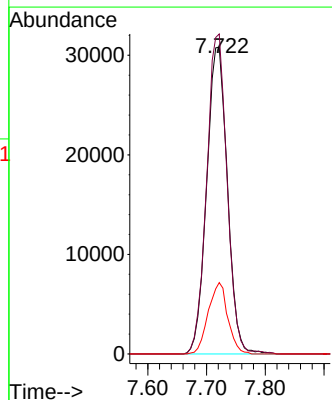
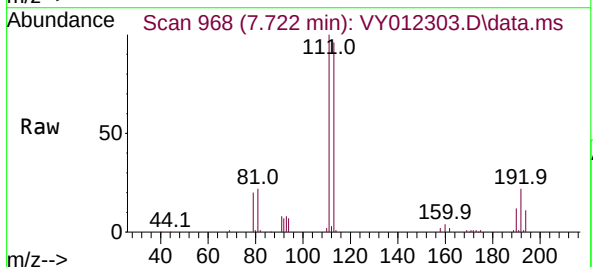
Instrument :
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ClientSampleId :
BORING-3

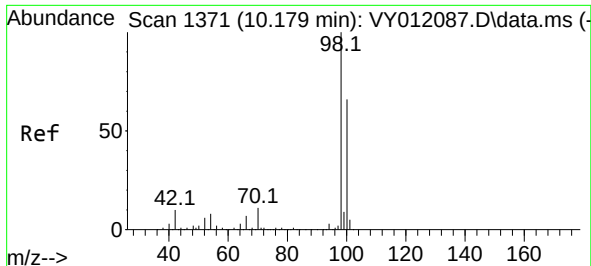
Tgt Ion:	114	Resp:	250911
Ion	Ratio	Lower	Upper
114	100		
63	16.3	0.0	39.6
88	14.9	0.0	32.2



#35
Dibromofluoromethane
Concen: 57.010 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY012303.D
Acq: 20 Jan 2023 20:07

Tgt Ion:	113	Resp:	75742
Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.0	124.4
192	21.9	16.0	24.0

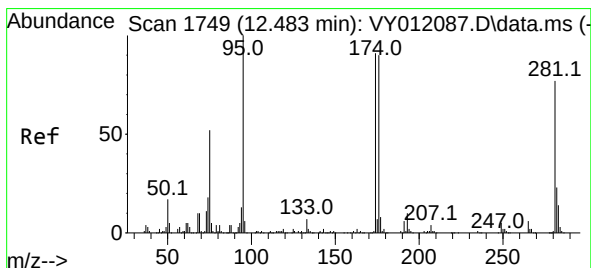
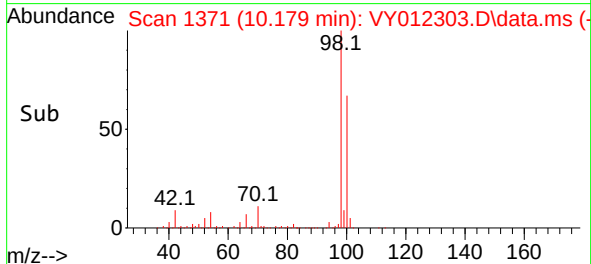
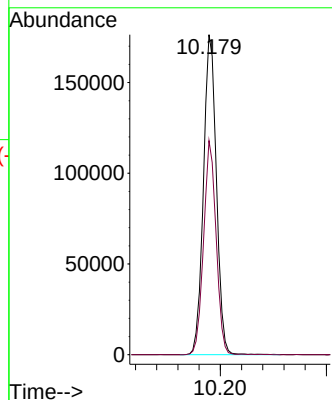
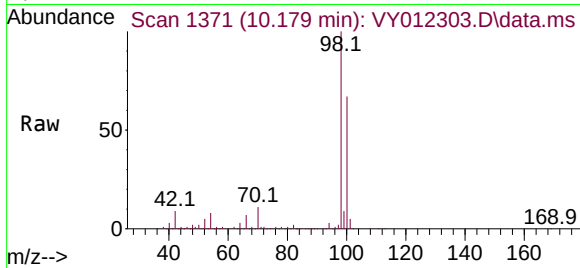




#50
Toluene-d8
Concen: 66.110 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012303.D
Acq: 20 Jan 2023 20:07

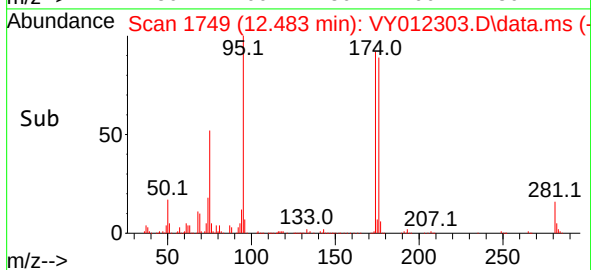
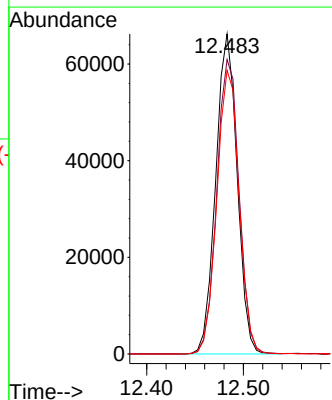
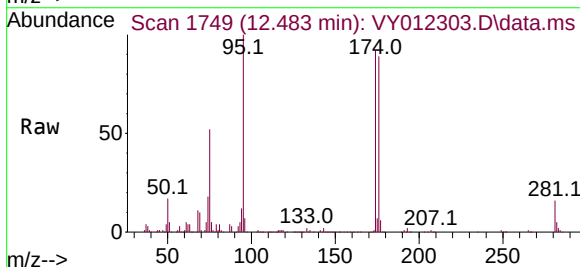
Instrument :
MSVOA_Y
ClientSampleId :
BORING-3

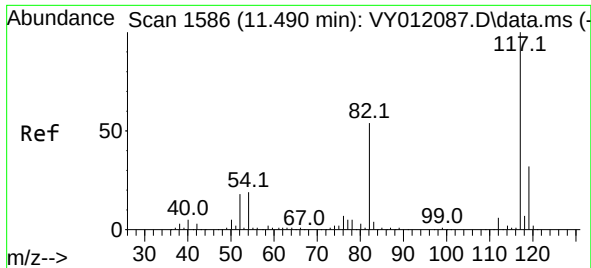
Tgt Ion: 98 Resp: 297899
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 54.443 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012303.D
Acq: 20 Jan 2023 20:07

Tgt Ion: 95 Resp: 101965
Ion Ratio Lower Upper
95 100
174 95.7 0.0 172.0
176 91.8 0.0 167.6

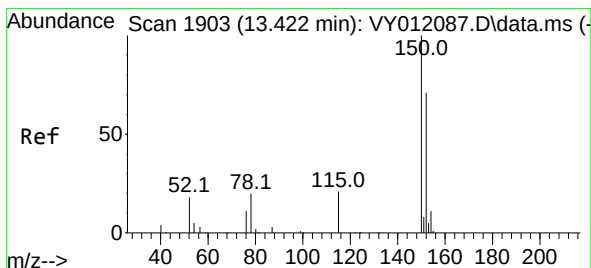
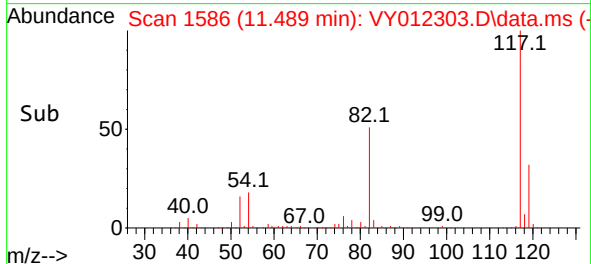
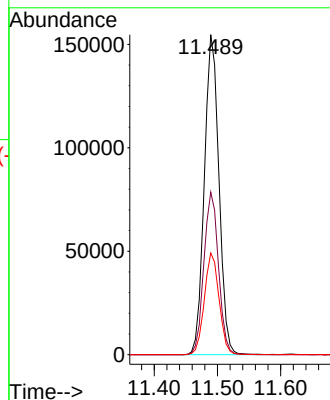
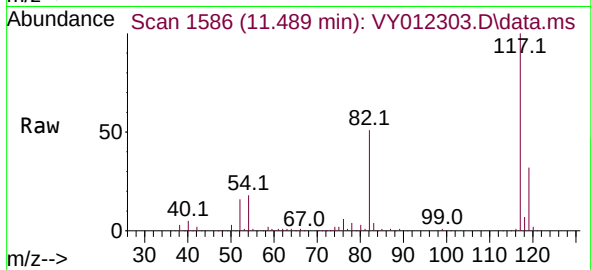




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012303.D
Acq: 20 Jan 2023 20:07

Instrument :
MSVOA_Y
ClientSampleId :
BORING-3

Tgt Ion:117 Resp: 249183
Ion Ratio Lower Upper
117 100
82 50.8 44.8 67.2
119 31.8 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: VY012303.D
Acq: 20 Jan 2023 20:07

Tgt Ion:152 Resp: 119398
Ion Ratio Lower Upper
152 100
115 56.7 29.1 87.3
150 157.3 0.0 342.6

