

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020323\
 Data File : VY012468.D
 Acq On : 03 Feb 2023 11:43
 Operator : KP/MD
 Sample : VY0203SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0203SBL01

Quant Time: Feb 04 00:05:12 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	148664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	232709	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	208288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	101813	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	61692	50.070	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.140%
35) Dibromofluoromethane	7.722	113	57339	46.534	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.060%
50) Toluene-d8	10.179	98	185634	42.863	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	85.720%
62) 4-Bromofluorobenzene	12.483	95	72151	41.537	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.080%

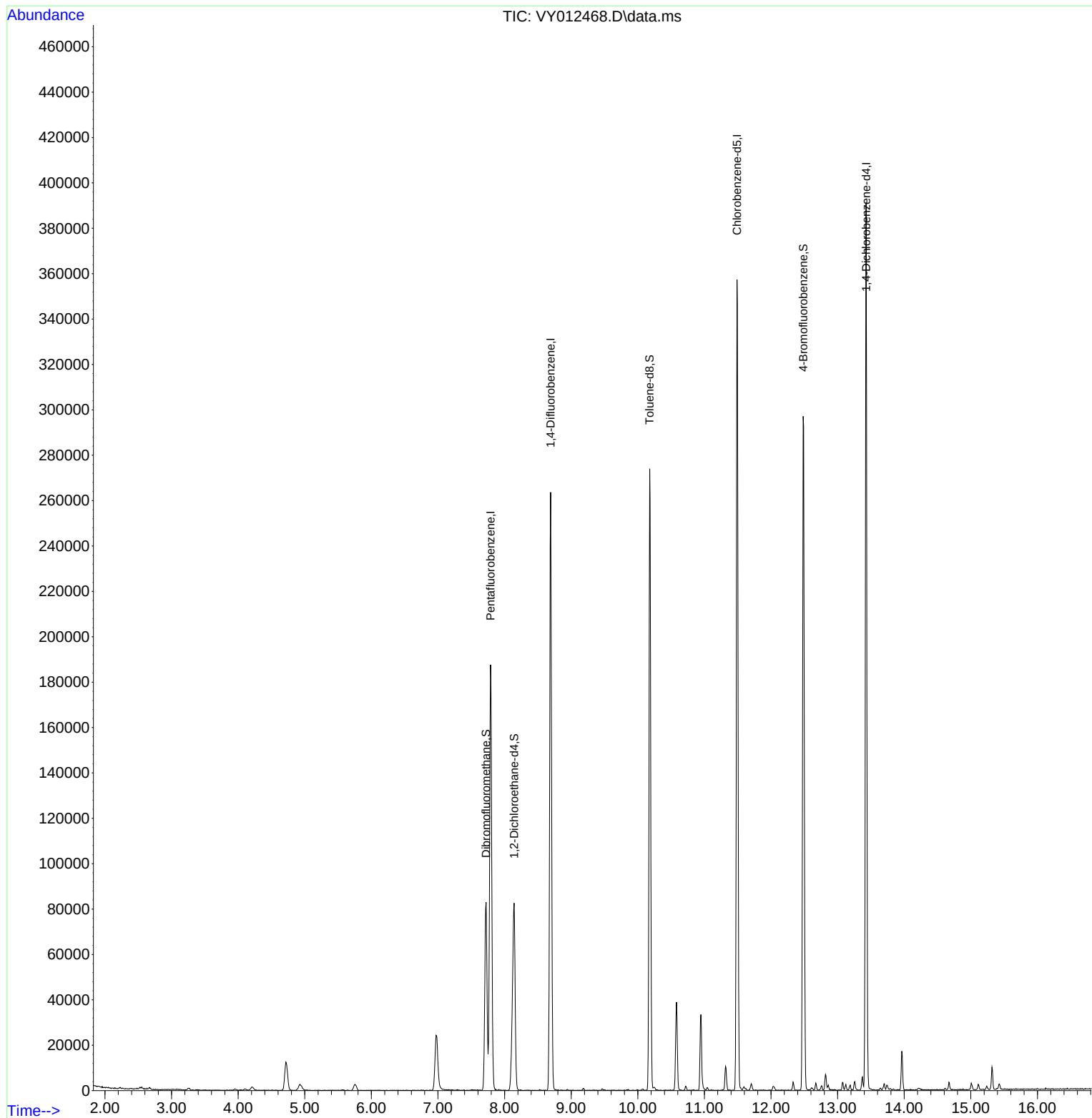
Target Compounds	Qvalue

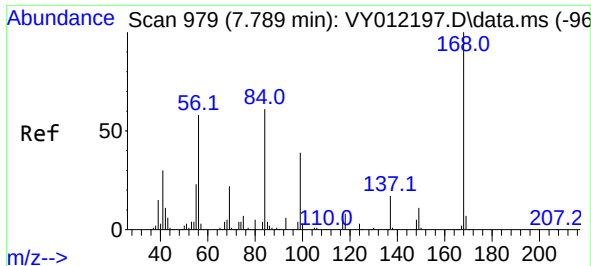
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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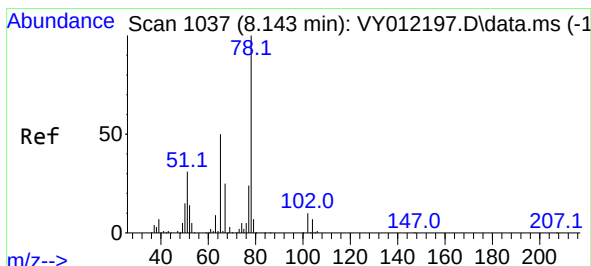
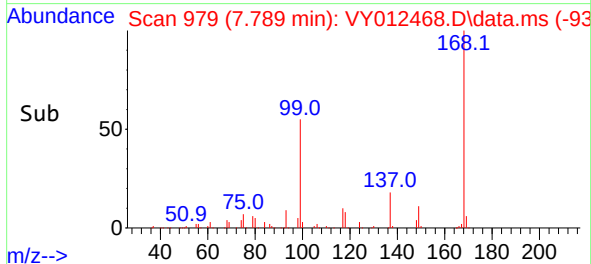
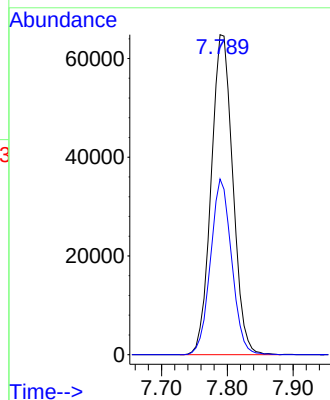
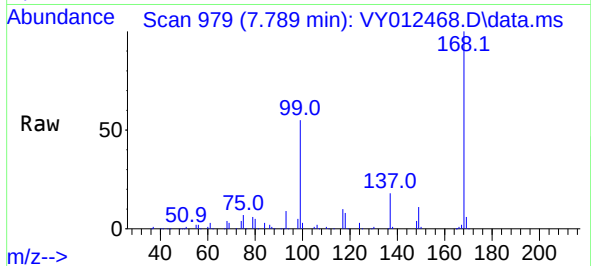




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012468.D
Acq: 03 Feb 2023 11:43

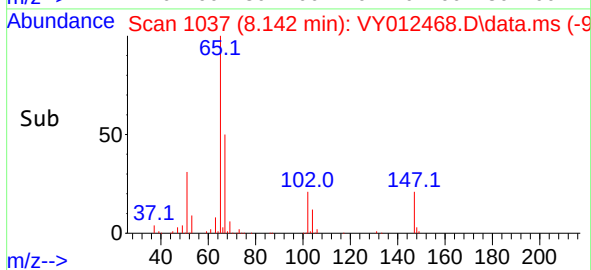
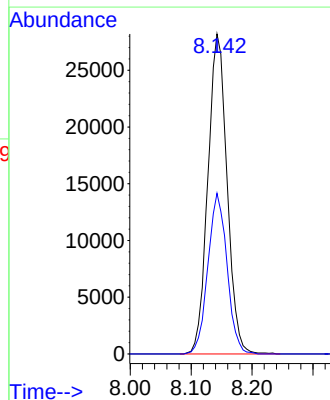
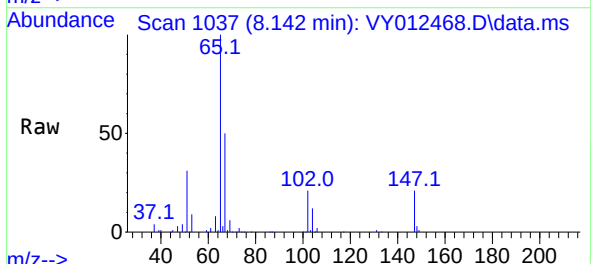
Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBL01

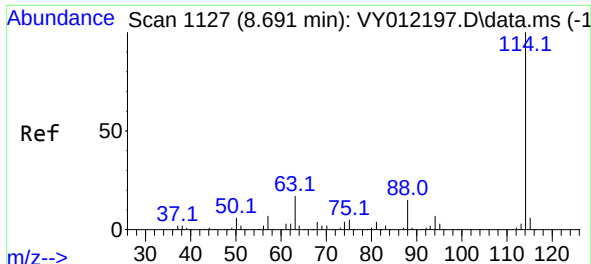
Tgt Ion:168 Resp: 148664
Ion Ratio Lower Upper
168 100
99 54.9 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 50.070 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012468.D
Acq: 03 Feb 2023 11:43

Tgt Ion: 65 Resp: 61692
Ion Ratio Lower Upper
65 100
67 50.0 0.0 103.2

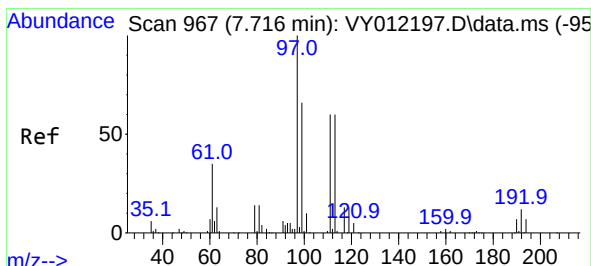
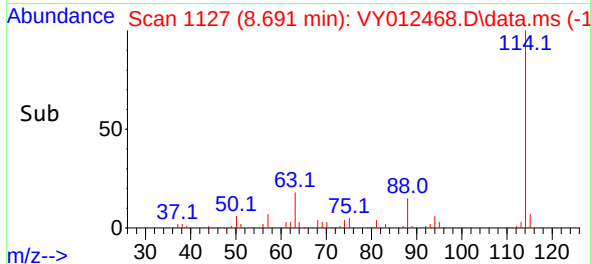
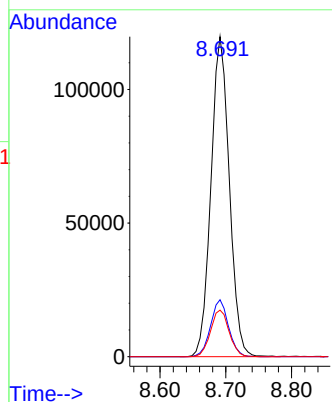
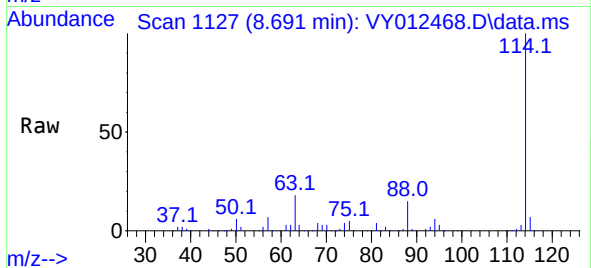




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012468.D
Acq: 03 Feb 2023 11:43

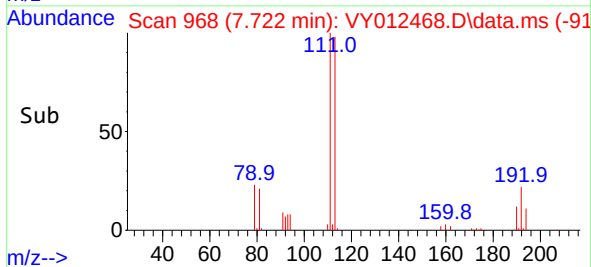
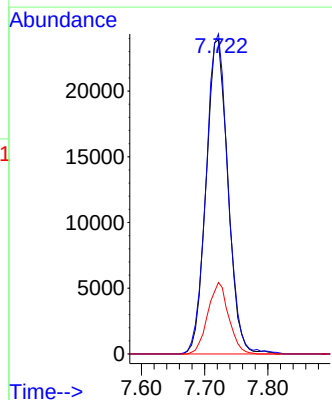
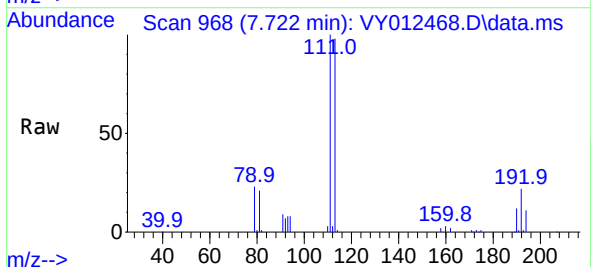
Instrument :
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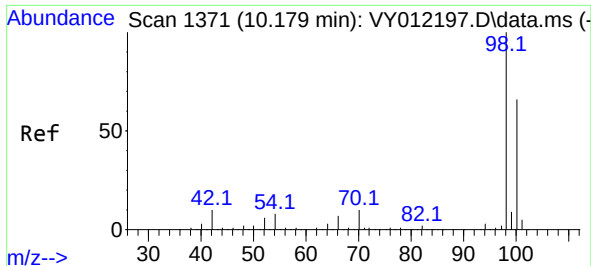
Tgt Ion:114 Resp: 232709
Ion Ratio Lower Upper
114 100
63 17.8 0.0 39.6
88 14.5 0.0 32.2



#35
Dibromofluoromethane
Concen: 46.534 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY012468.D
Acq: 03 Feb 2023 11:43

Tgt Ion:113 Resp: 57339
Ion Ratio Lower Upper
113 100
111 102.4 83.0 124.4
192 21.7 16.0 24.0

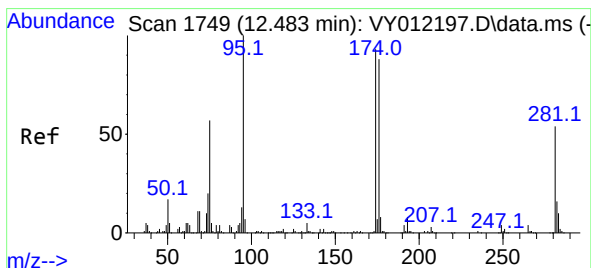
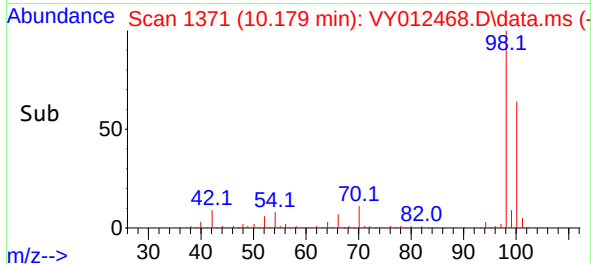
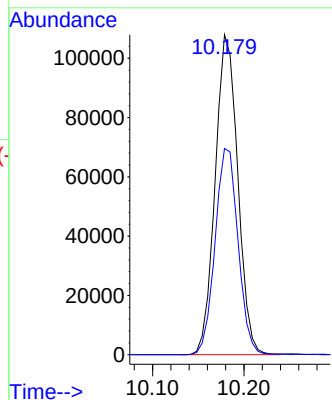
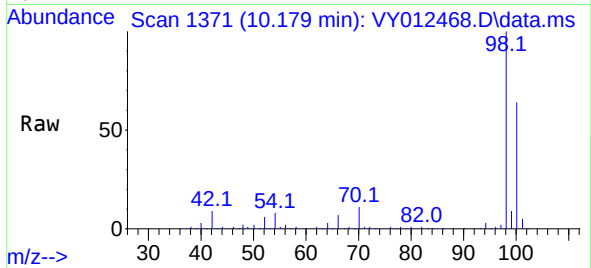




#50
Toluene-d8
Concen: 42.863 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012468.D
Acq: 03 Feb 2023 11:43

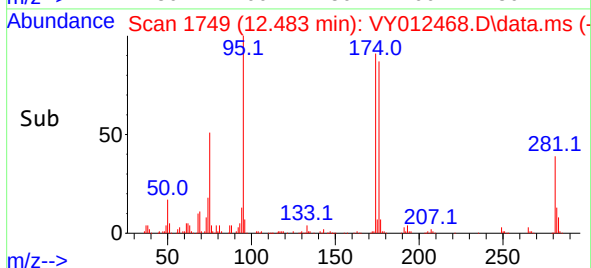
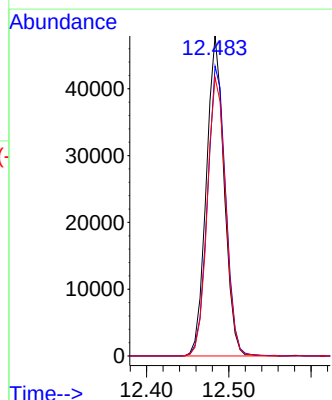
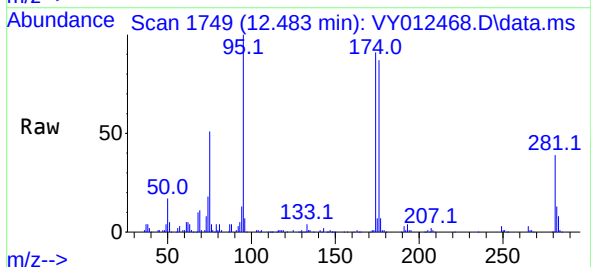
Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBL01

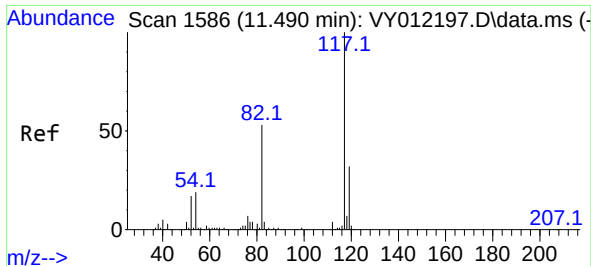
Tgt Ion: 98 Resp: 185634
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 41.537 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012468.D
Acq: 03 Feb 2023 11:43

Tgt Ion: 95 Resp: 72151
Ion Ratio Lower Upper
95 100
174 93.0 0.0 172.0
176 89.7 0.0 167.6

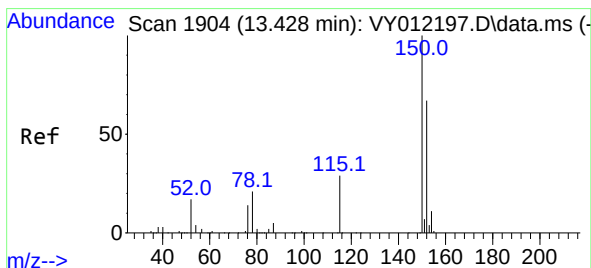
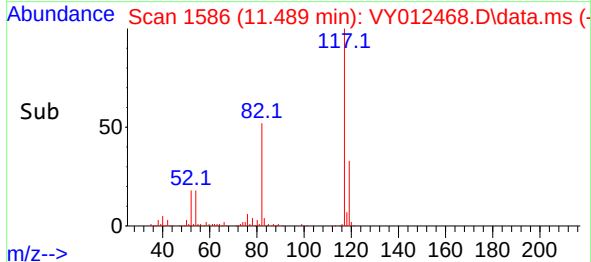
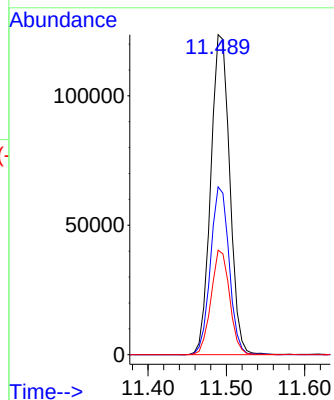
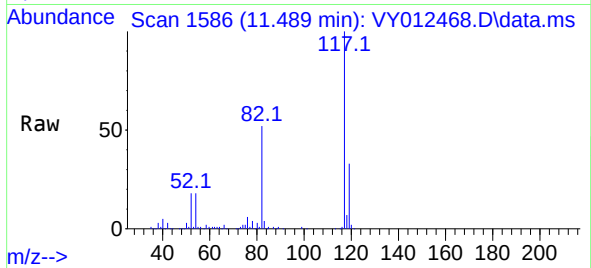




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012468.D
Acq: 03 Feb 2023 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBL01

Tgt Ion:117 Resp: 208288
Ion Ratio Lower Upper
117 100
82 52.4 44.8 67.2
119 32.7 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: VY012468.D
Acq: 03 Feb 2023 11:43

Tgt Ion:152 Resp: 101813
Ion Ratio Lower Upper
152 100
115 56.7 29.1 87.3
150 157.2 0.0 342.6

