

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031023\
 Data File : VY012909.D
 Acq On : 10 Mar 2023 10:38
 Operator : KP/MD
 Sample : VY0310SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0310SBL01

Quant Time: Mar 11 05:44:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	84680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	141658	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	127609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	56874	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	52381	62.302	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.600%
35) Dibromofluoromethane	7.716	113	48322	56.523	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.040%
50) Toluene-d8	10.179	98	167878	53.715	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.420%
62) 4-Bromofluorobenzene	12.483	95	50751	48.110	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.220%

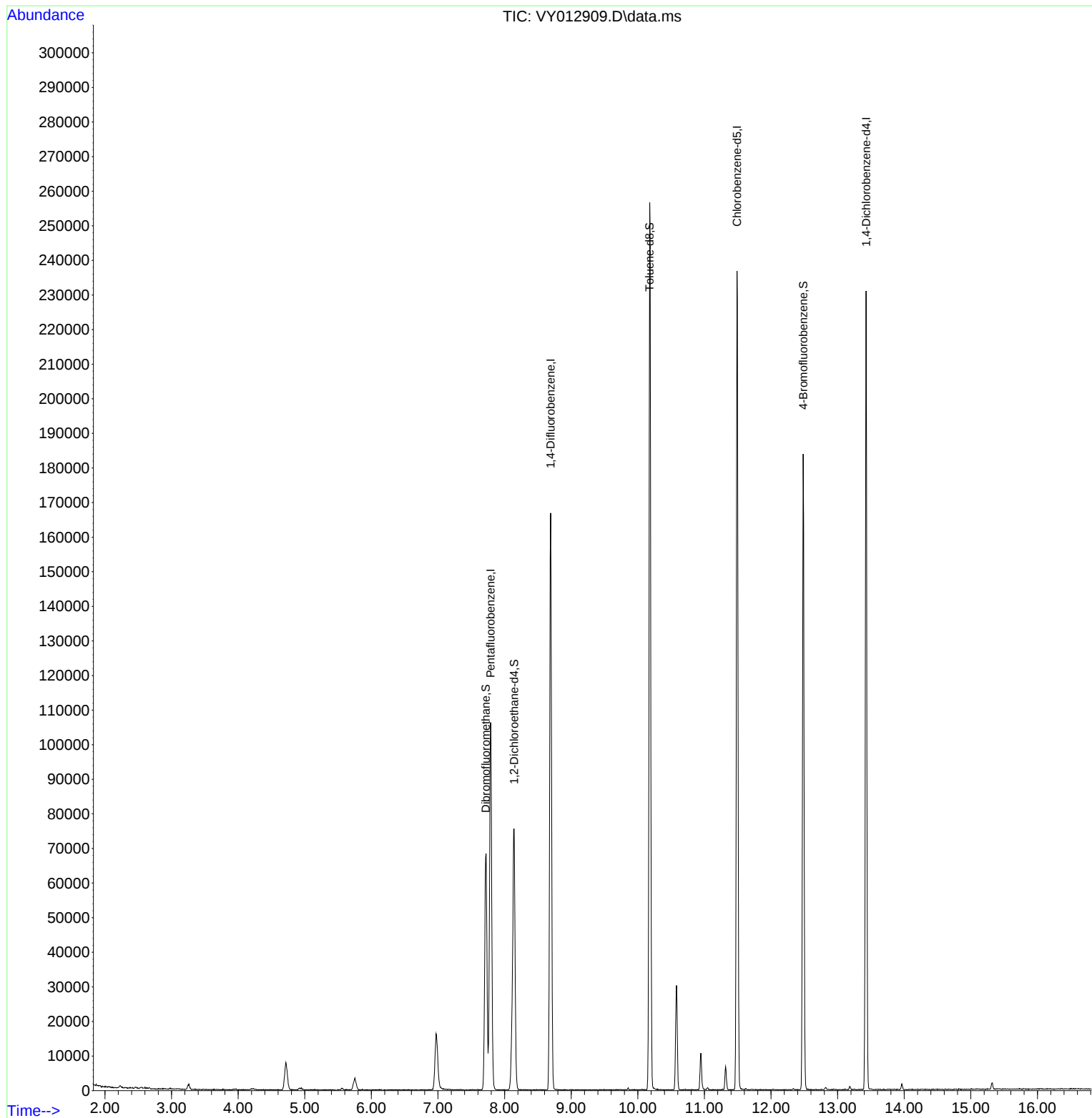
Target Compounds	Qvalue

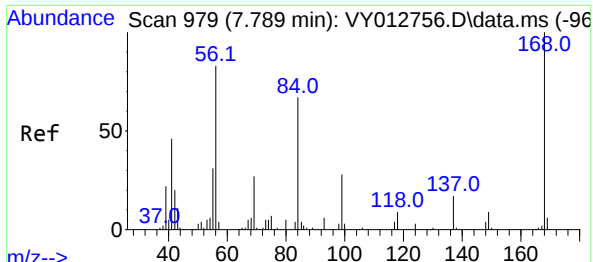
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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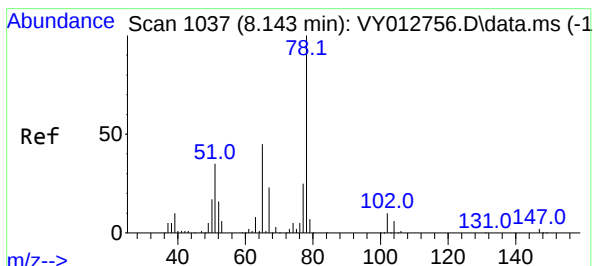
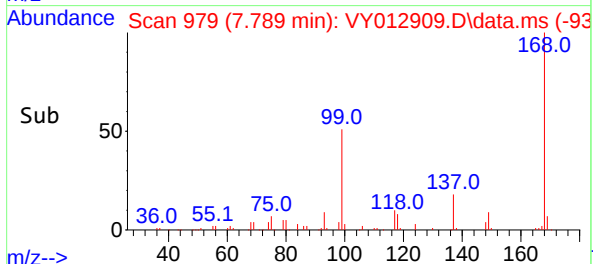
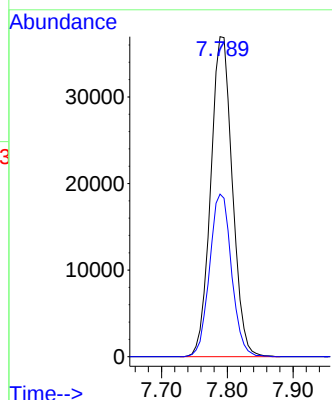
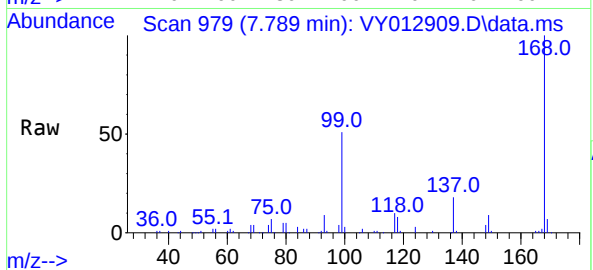




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012909.D
Acq: 10 Mar 2023 10:38

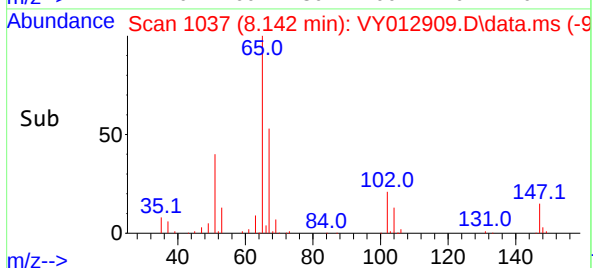
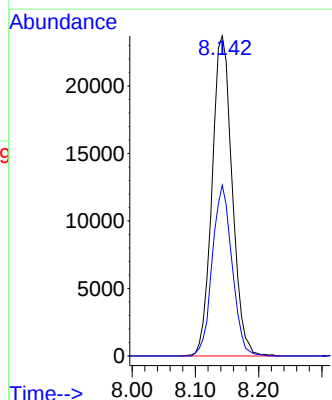
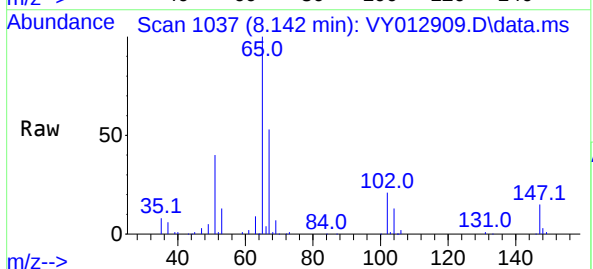
Instrument :
MSVOA_Y
ClientSampleId :
VY0310SBL01

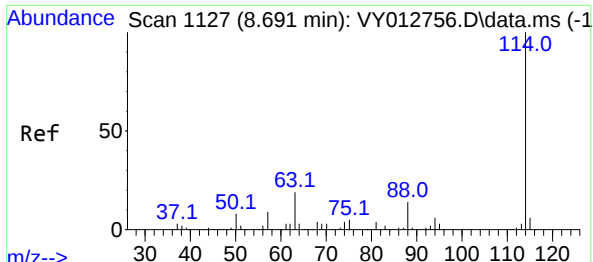
Tgt Ion:168 Resp: 84680
Ion Ratio Lower Upper
168 100
99 50.8 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 62.302 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012909.D
Acq: 10 Mar 2023 10:38

Tgt Ion: 65 Resp: 52381
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.0



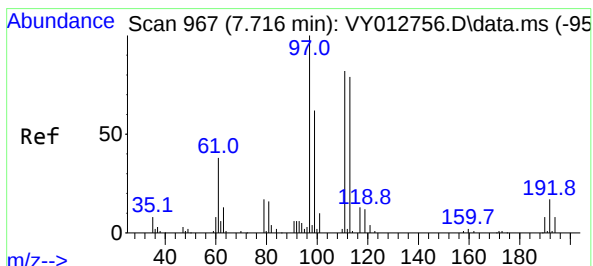
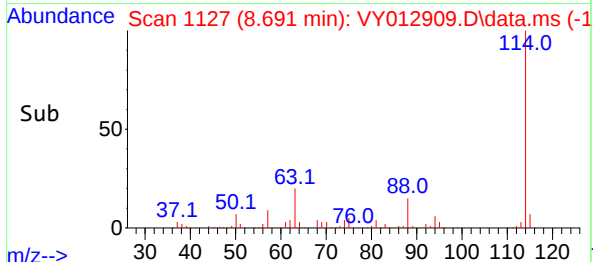
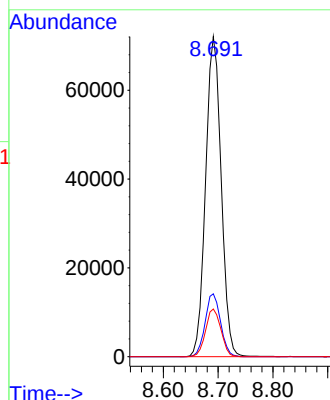
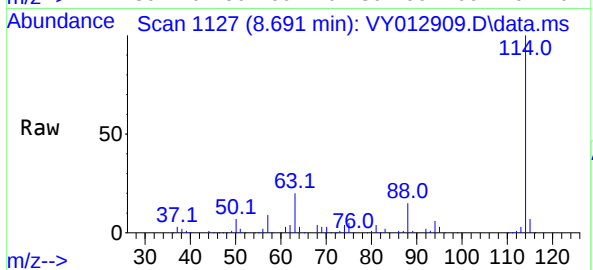


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012909.D
Acq: 10 Mar 2023 10:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0310SBL01

Tgt Ion:114 Resp: 141658

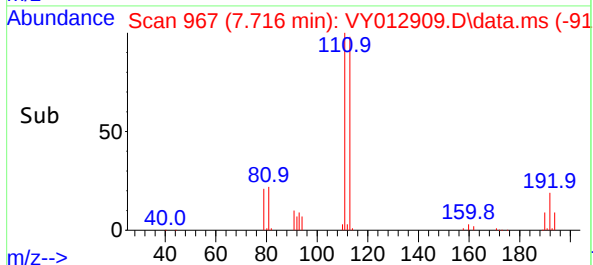
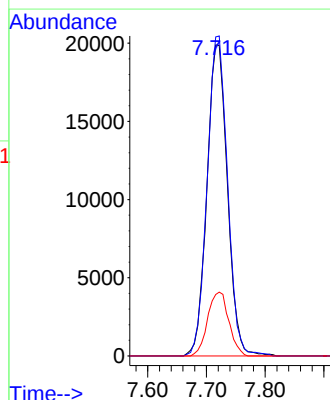
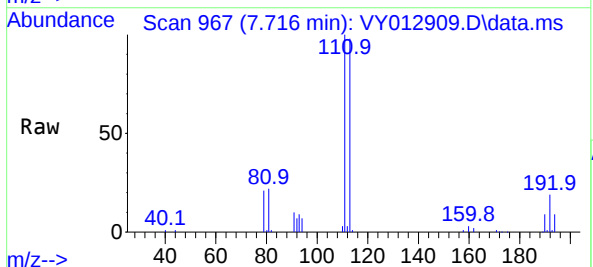
Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	37.4
88	14.9	0.0	28.6

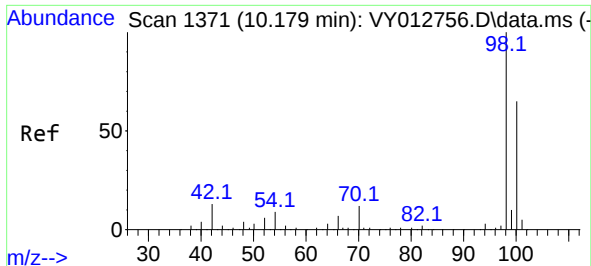


#35
Dibromofluoromethane
Concen: 56.523 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012909.D
Acq: 10 Mar 2023 10:38

Tgt Ion:113 Resp: 48322

Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.2	123.2
192	21.1	16.8	25.2

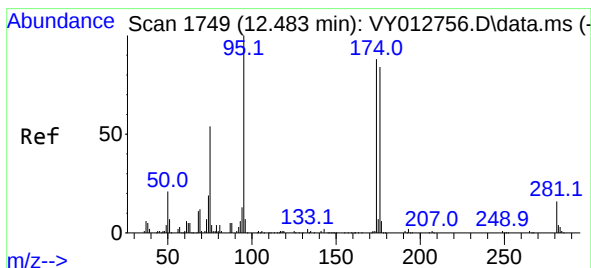
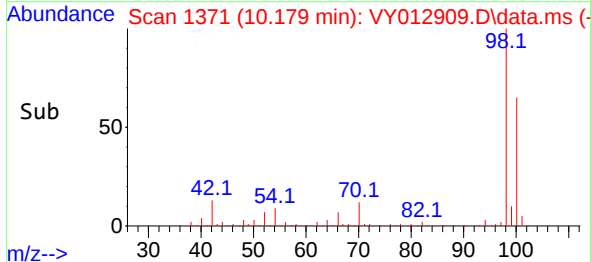
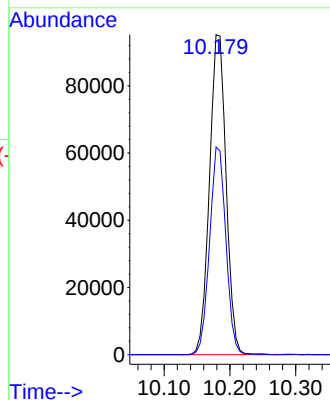
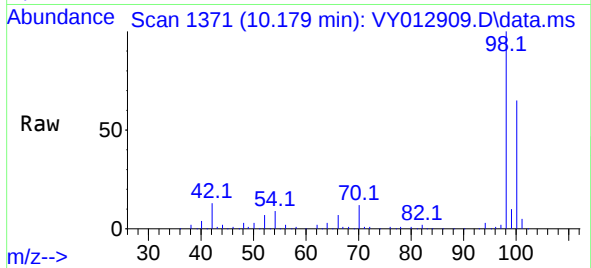




#50
Toluene-d8
Concen: 53.715 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012909.D
Acq: 10 Mar 2023 10:38

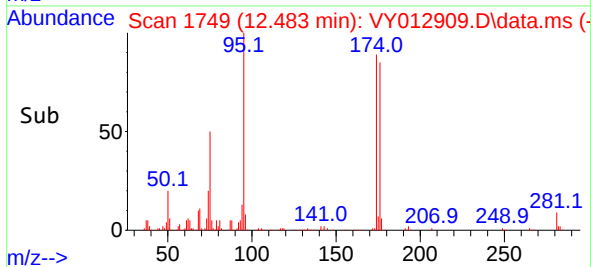
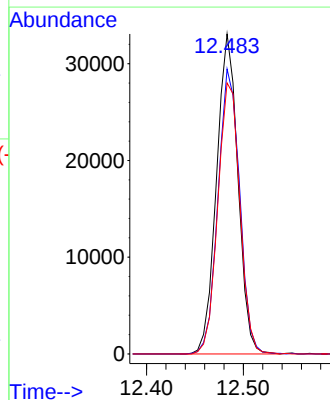
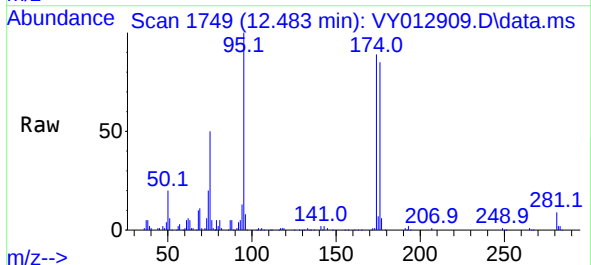
Instrument :
MSVOA_Y
ClientSampleId :
VY0310SBL01

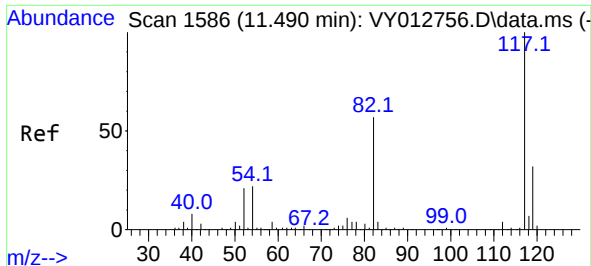
Tgt Ion: 98 Resp: 167878
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 48.110 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012909.D
Acq: 10 Mar 2023 10:38

Tgt Ion: 95 Resp: 50751
Ion Ratio Lower Upper
95 100
174 89.9 0.0 176.6
176 87.3 0.0 170.2

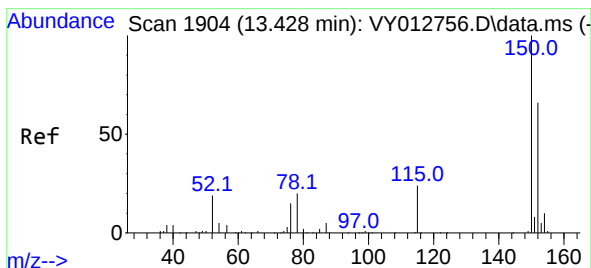
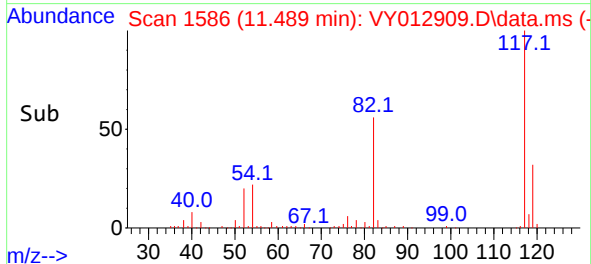
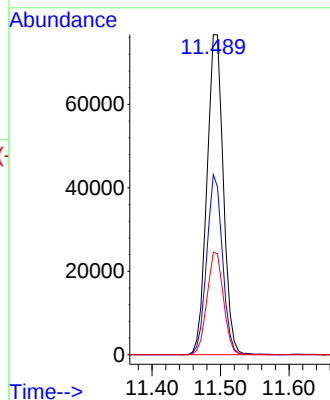
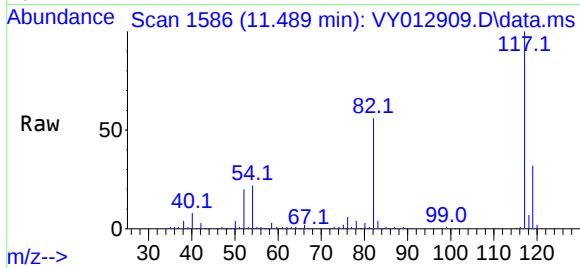




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY012909.D
Acq: 10 Mar 2023 10:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0310SBL01

Tgt Ion:117 Resp: 127609
Ion Ratio Lower Upper
117 100
82 56.3 45.4 68.0
119 32.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012909.D
Acq: 10 Mar 2023 10:38

Tgt Ion:152 Resp: 56874
Ion Ratio Lower Upper
152 100
115 56.3 27.1 81.3
150 161.5 0.0 347.8

