

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030623\
 Data File : VY012831.D
 Acq On : 06 Mar 2023 18:06
 Operator : KP/MD
 Sample : 01787-02
 Misc : 5.26g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

Quant Time: Mar 07 04:27:03 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	109104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	182815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	169503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83581	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	70813	65.370	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.740%
35) Dibromofluoromethane	7.716	113	68187	61.804	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	123.600%
50) Toluene-d8	10.179	98	226537	56.165	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.340%
62) 4-Bromofluorobenzene	12.483	95	73962	54.329	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.660%

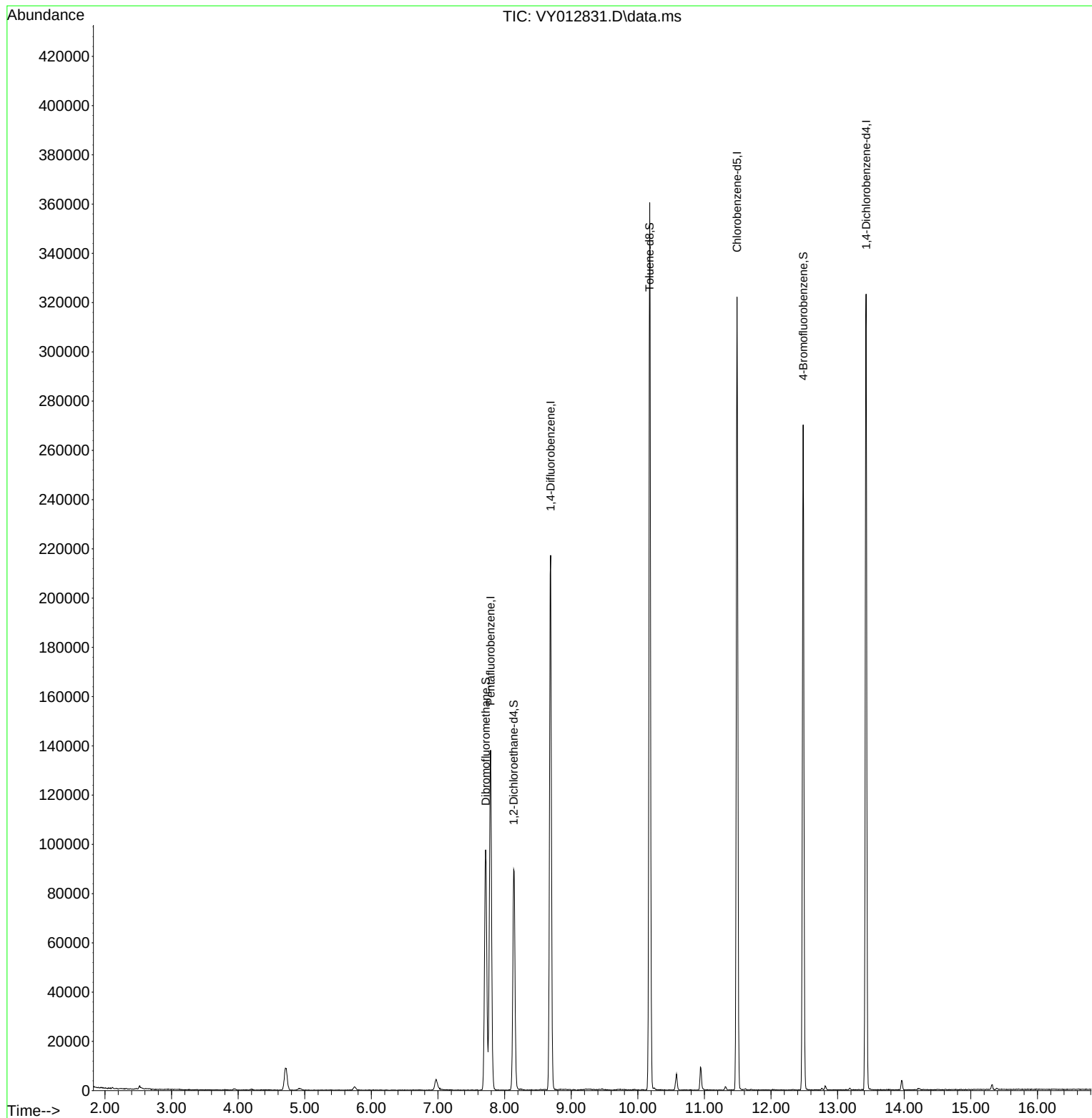
Target Compounds	Qvalue

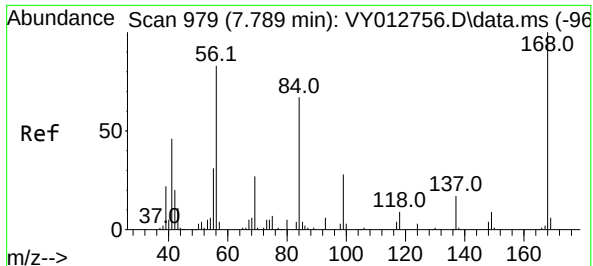
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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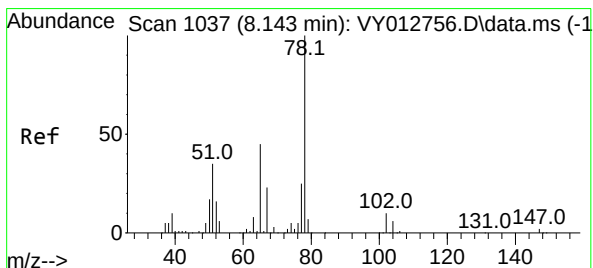
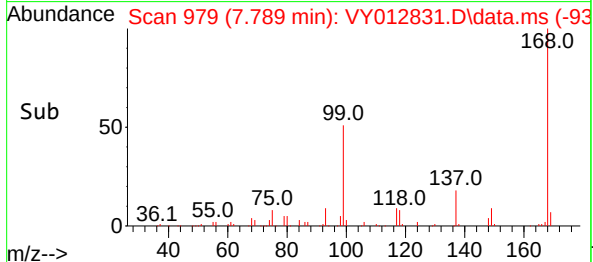
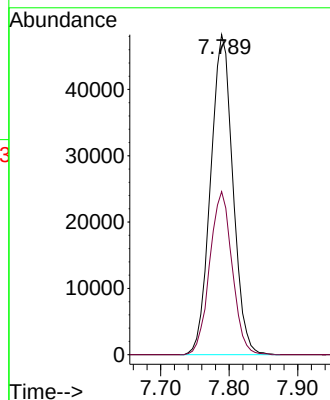
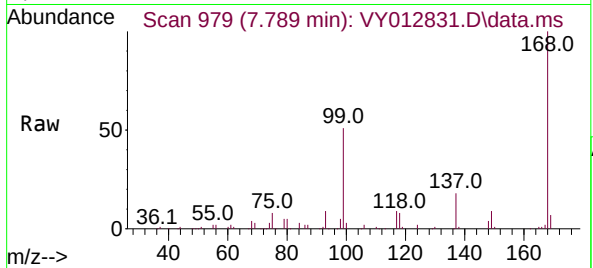




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012831.D
Acq: 06 Mar 2023 18:06

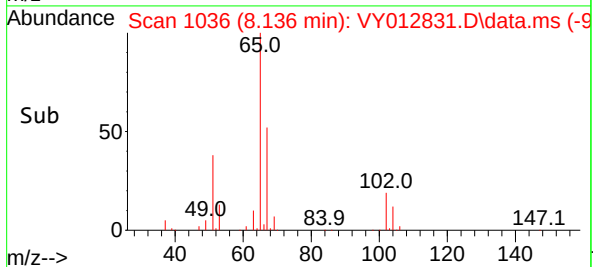
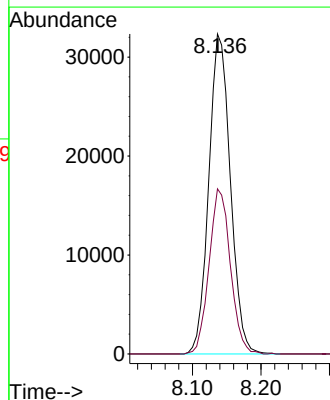
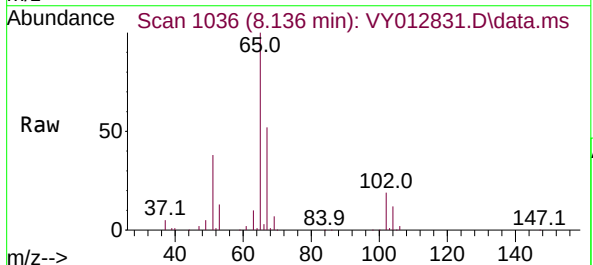
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

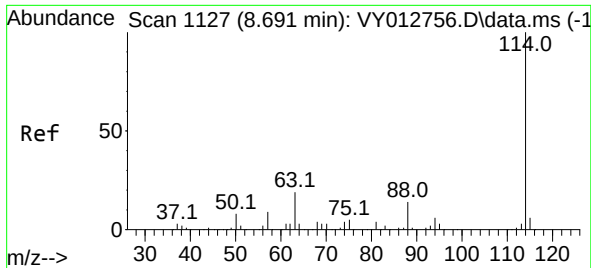
Tgt Ion:168 Resp: 109104
Ion Ratio Lower Upper
168 100
99 51.0 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 65.370 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012831.D
Acq: 06 Mar 2023 18:06

Tgt Ion: 65 Resp: 70813
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.0

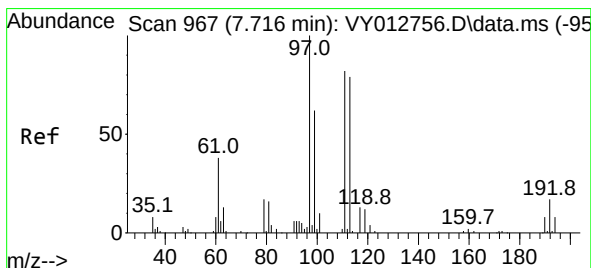
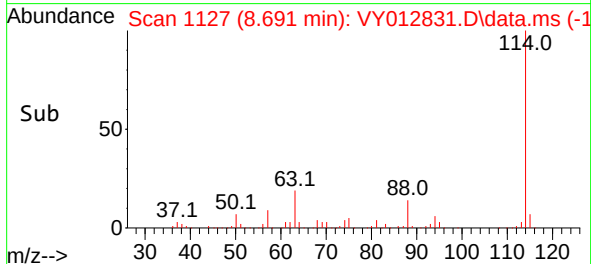
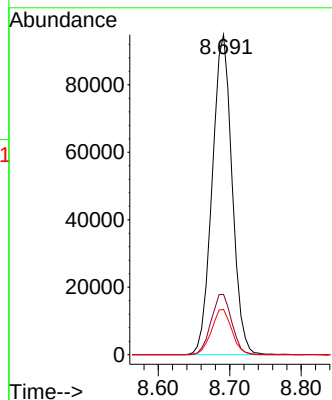
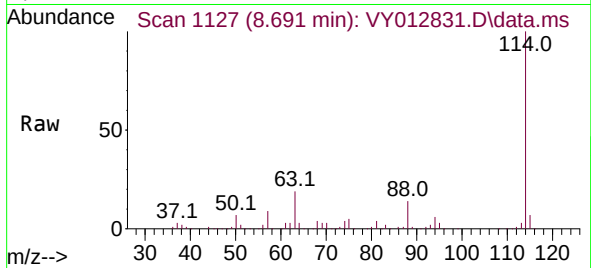




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012831.D
Acq: 06 Mar 2023 18:06

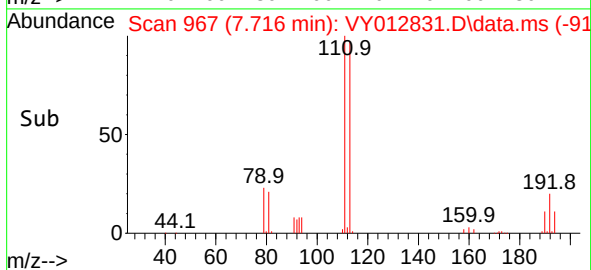
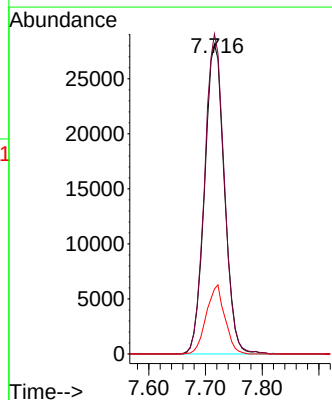
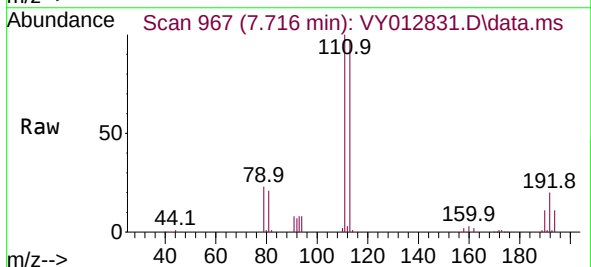
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

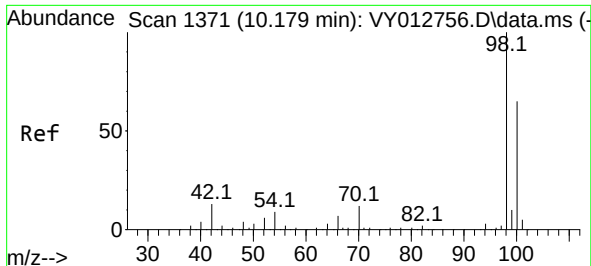
Tgt Ion:114 Resp: 182815
Ion Ratio Lower Upper
114 100
63 18.8 0.0 37.4
88 14.2 0.0 28.6



#35
Dibromofluoromethane
Concen: 61.804 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY012831.D
Acq: 06 Mar 2023 18:06

Tgt Ion:113 Resp: 68187
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 20.9 16.8 25.2

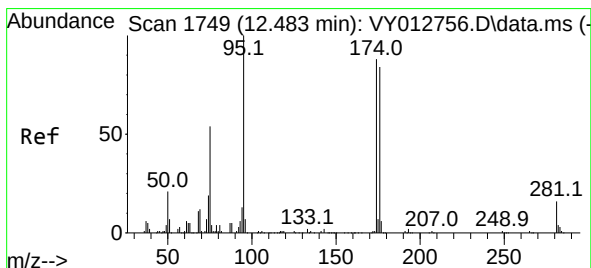
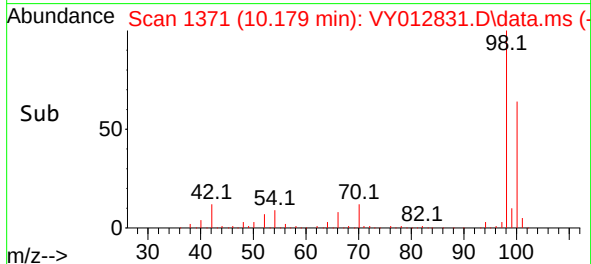
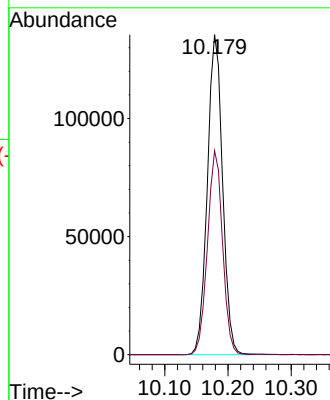
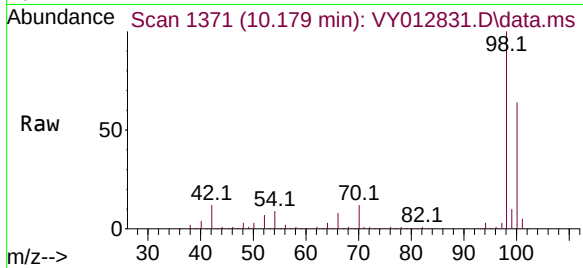




#50
Toluene-d8
Concen: 56.165 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012831.D
Acq: 06 Mar 2023 18:06

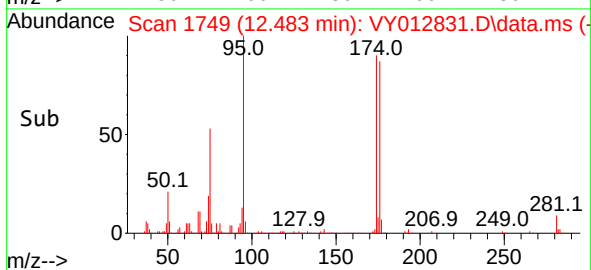
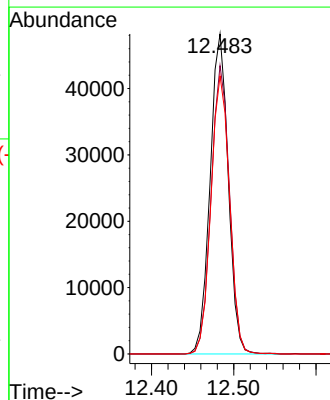
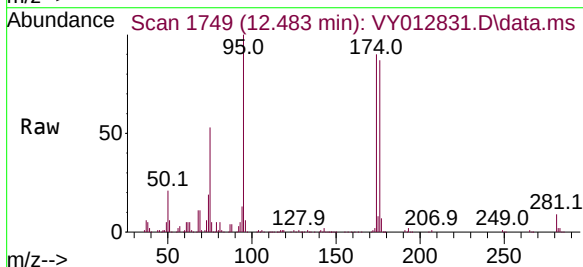
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

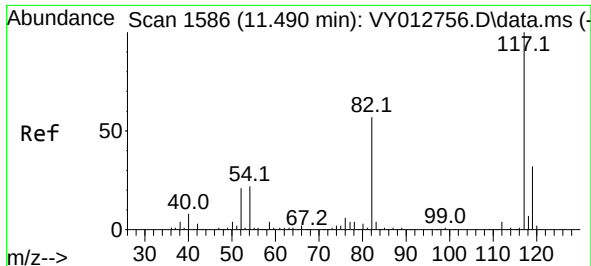
Tgt Ion: 98 Resp: 226537
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 54.329 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012831.D
Acq: 06 Mar 2023 18:06

Tgt Ion: 95 Resp: 73962
Ion Ratio Lower Upper
95 100
174 91.3 0.0 176.6
176 89.2 0.0 170.2

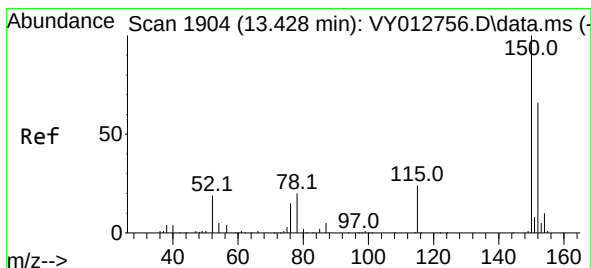
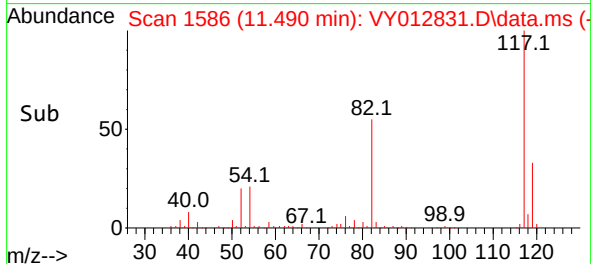
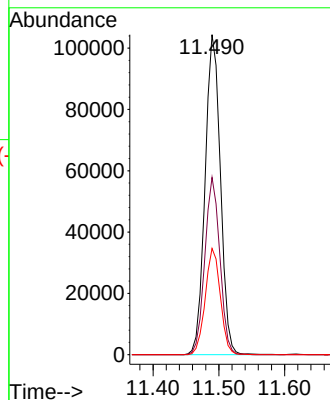
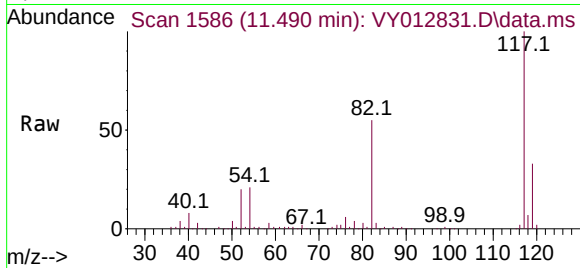




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012831.D
Acq: 06 Mar 2023 18:06

Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

Tgt Ion:117 Resp: 169503
Ion Ratio Lower Upper
117 100
82 55.4 45.4 68.0
119 33.2 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: VY012831.D
Acq: 06 Mar 2023 18:06

Tgt Ion:152 Resp: 83581
Ion Ratio Lower Upper
152 100
115 55.6 27.1 81.3
150 159.1 0.0 347.8

