

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030623\
 Data File : VY012830.D
 Acq On : 06 Mar 2023 17:44
 Operator : KP/MD
 Sample : 01787-01
 Misc : 5.35g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

Quant Time: Mar 07 04:26:45 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	43441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	69692	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	68410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	32513	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	31983	74.153	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	148.300%
35) Dibromofluoromethane	7.716	113	29964	71.243	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	142.480%
50) Toluene-d8	10.179	98	89990	58.526	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	117.060%
62) 4-Bromofluorobenzene	12.483	95	27809	53.584	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.160%

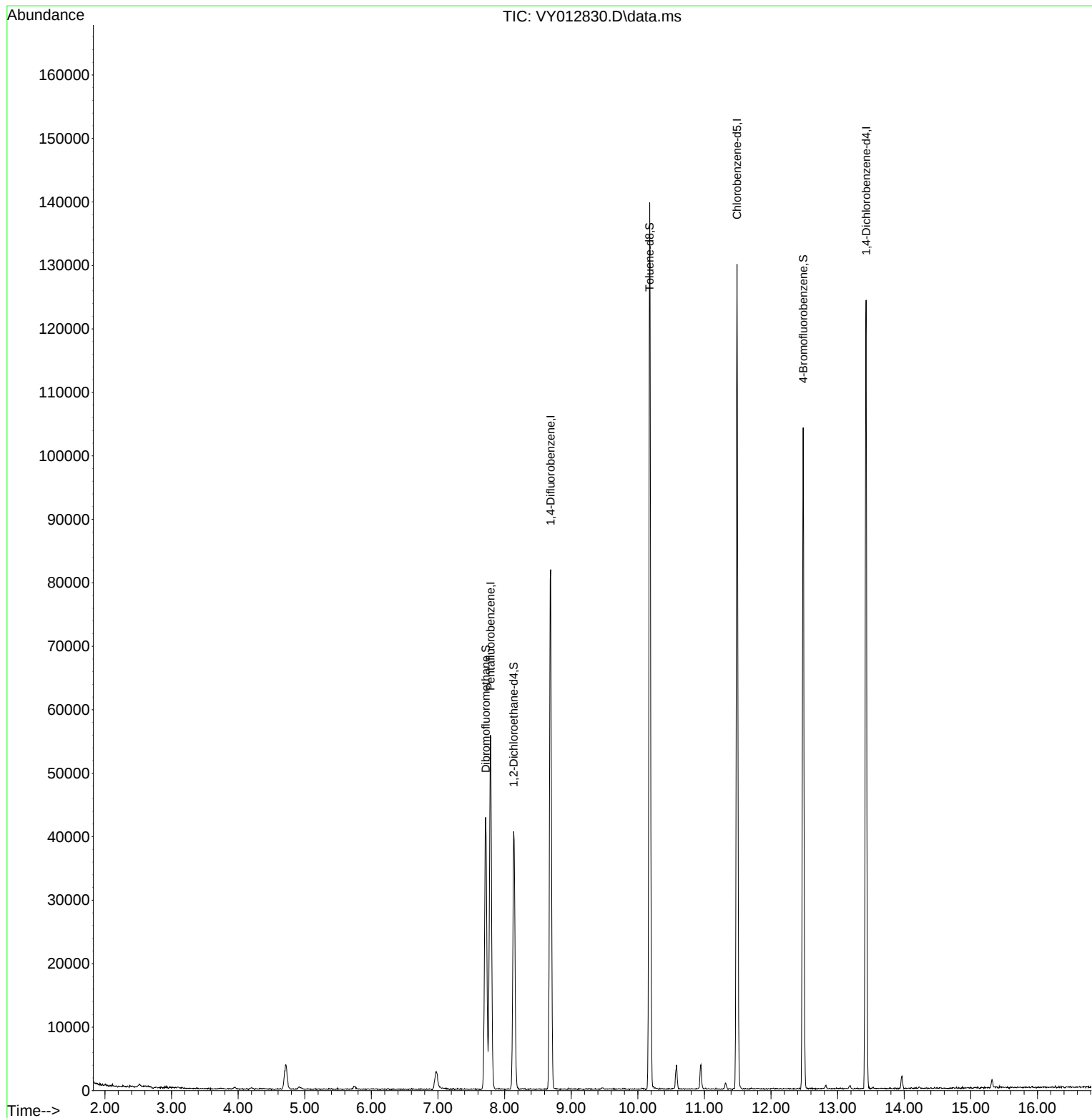
Target Compounds	Qvalue

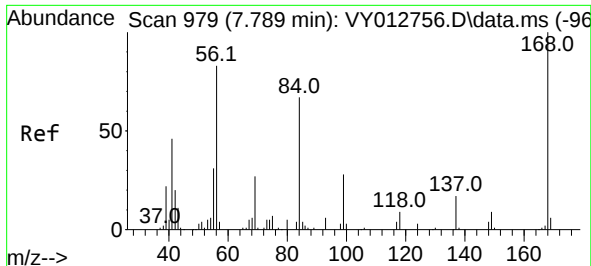
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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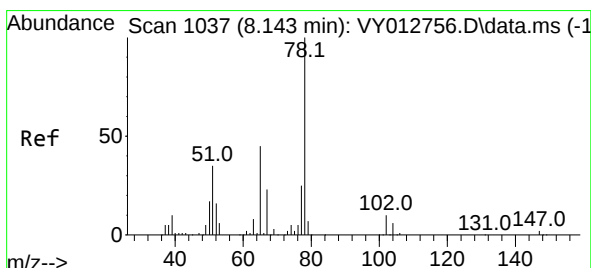
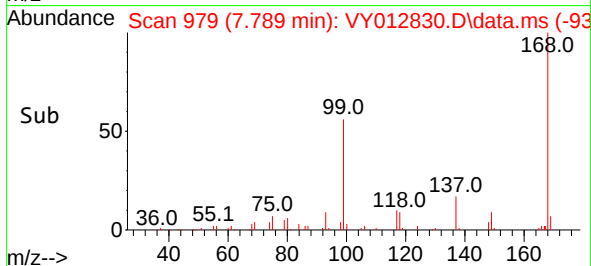
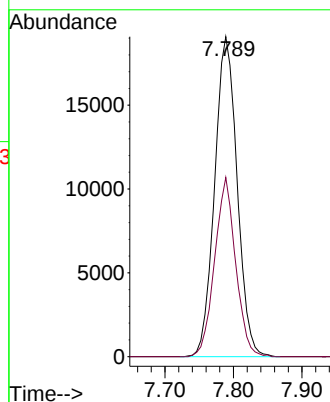
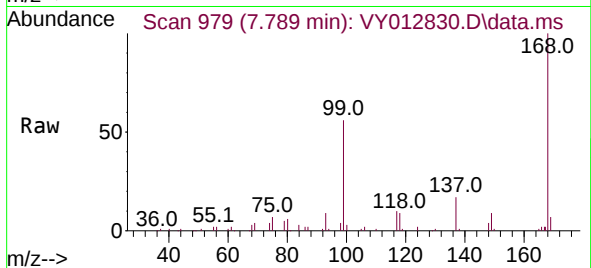




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012830.D
Acq: 06 Mar 2023 17:44

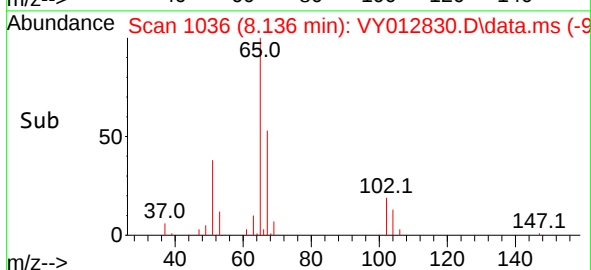
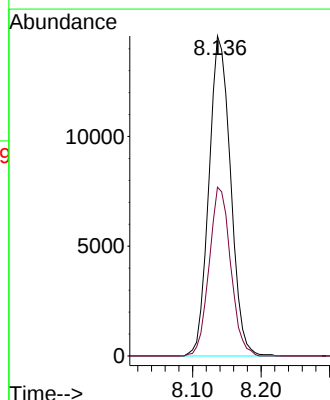
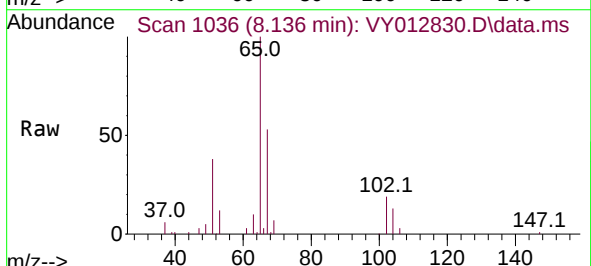
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

Tgt Ion:168 Resp: 43441
Ion Ratio Lower Upper
168 100
99 56.0 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 74.153 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012830.D
Acq: 06 Mar 2023 17:44

Tgt Ion: 65 Resp: 31983
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.0

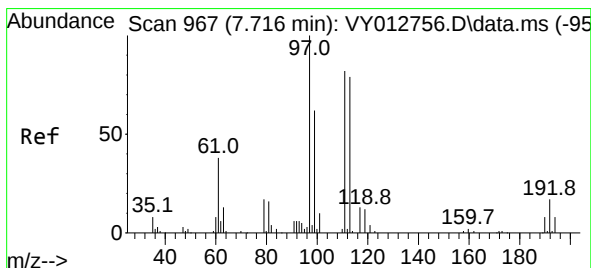
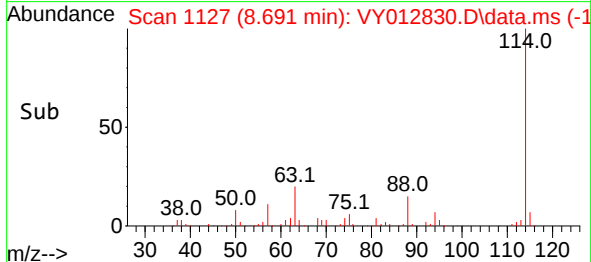
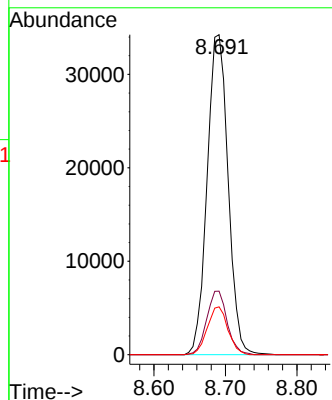
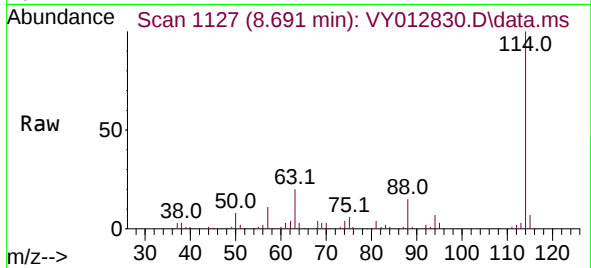




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012830.D
Acq: 06 Mar 2023 17:44

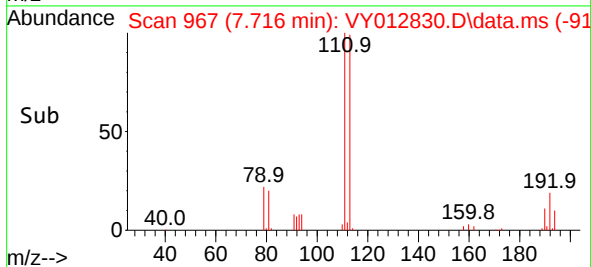
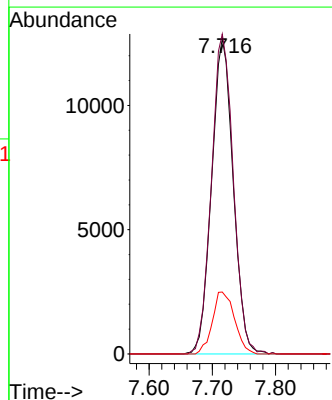
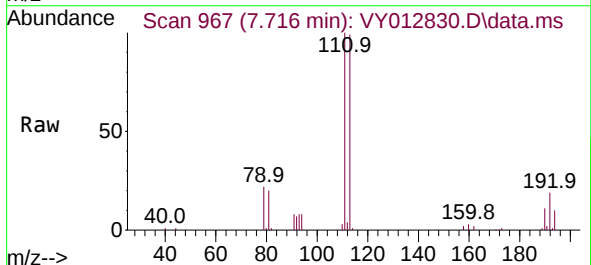
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

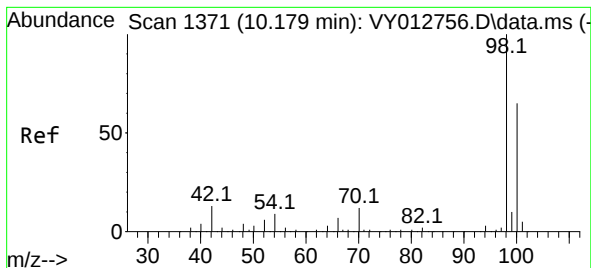
Tgt Ion:114 Resp: 69692
Ion Ratio Lower Upper
114 100
63 19.9 0.0 37.4
88 14.9 0.0 28.6



#35
Dibromofluoromethane
Concen: 71.243 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012830.D
Acq: 06 Mar 2023 17:44

Tgt Ion:113 Resp: 29964
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 20.2 16.8 25.2

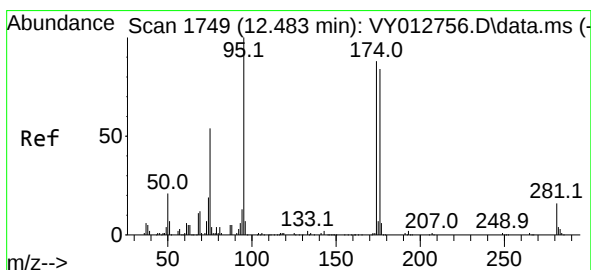
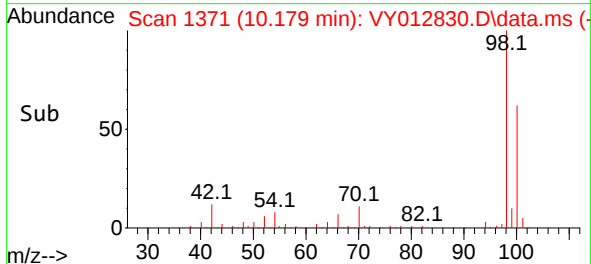
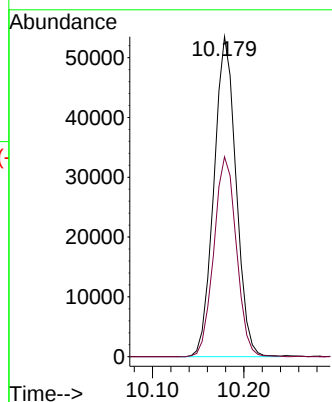
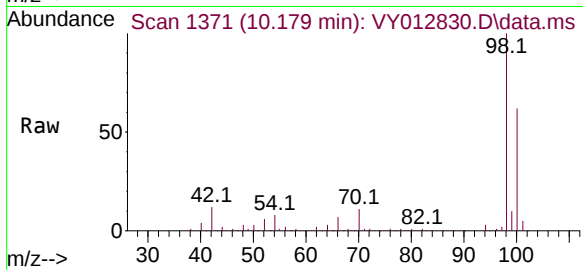




#50
Toluene-d8
Concen: 58.526 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012830.D
Acq: 06 Mar 2023 17:44

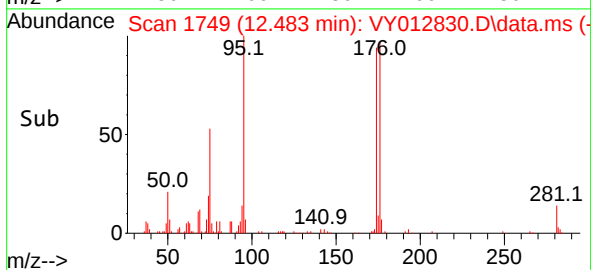
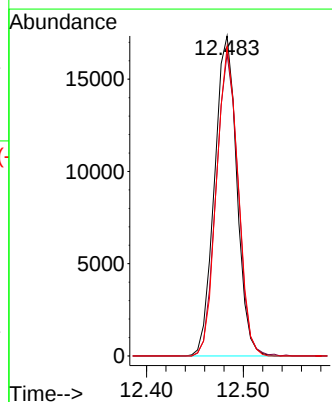
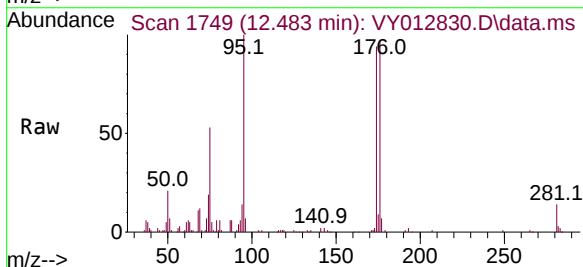
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

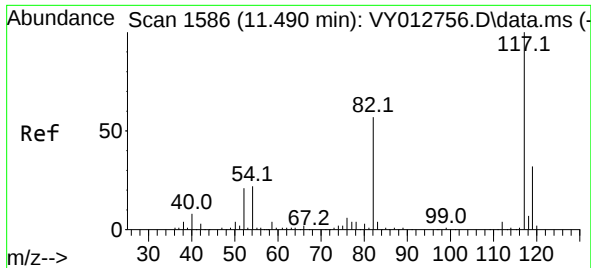
Tgt Ion: 98 Resp: 89990
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 53.584 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012830.D
Acq: 06 Mar 2023 17:44

Tgt Ion: 95 Resp: 27809
Ion Ratio Lower Upper
95 100
174 92.9 0.0 176.6
176 93.0 0.0 170.2

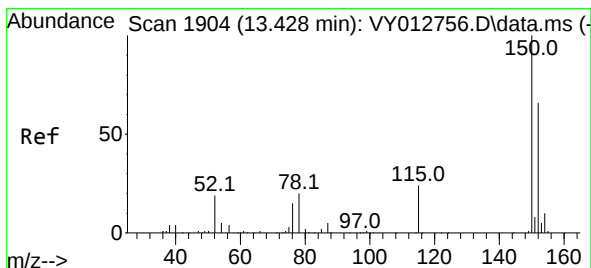
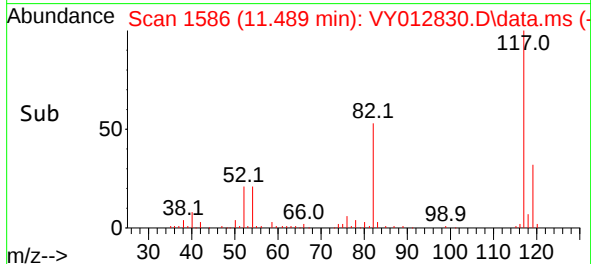
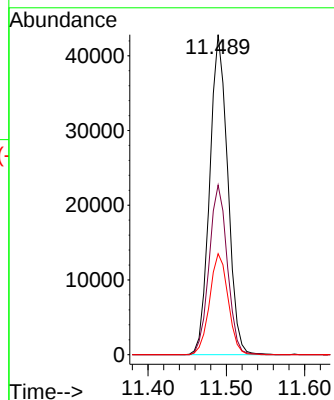
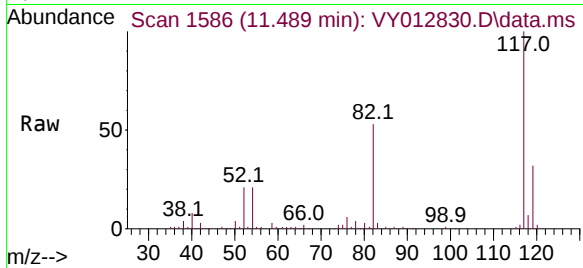




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012830.D
Acq: 06 Mar 2023 17:44

Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

Tgt Ion:117 Resp: 68410
Ion Ratio Lower Upper
117 100
82 53.0 45.4 68.0
119 31.6 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: VY012830.D
Acq: 06 Mar 2023 17:44

Tgt Ion:152 Resp: 32513
Ion Ratio Lower Upper
152 100
115 55.5 27.1 81.3
150 154.8 0.0 347.8

