

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032723\
 Data File : VY013087.D
 Acq On : 27 Mar 2023 13:24
 Operator : KP/MD
 Sample : 02045-08
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC2-20230322

Quant Time: Mar 27 16:17:53 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	85645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	143400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	130958	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	57849	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	50076	58.889	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.780%
35) Dibromofluoromethane	7.716	113	49315	56.984	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.960%
50) Toluene-d8	10.179	98	170766	53.975	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.960%
62) 4-Bromofluorobenzene	12.483	95	50094	46.911	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.820%

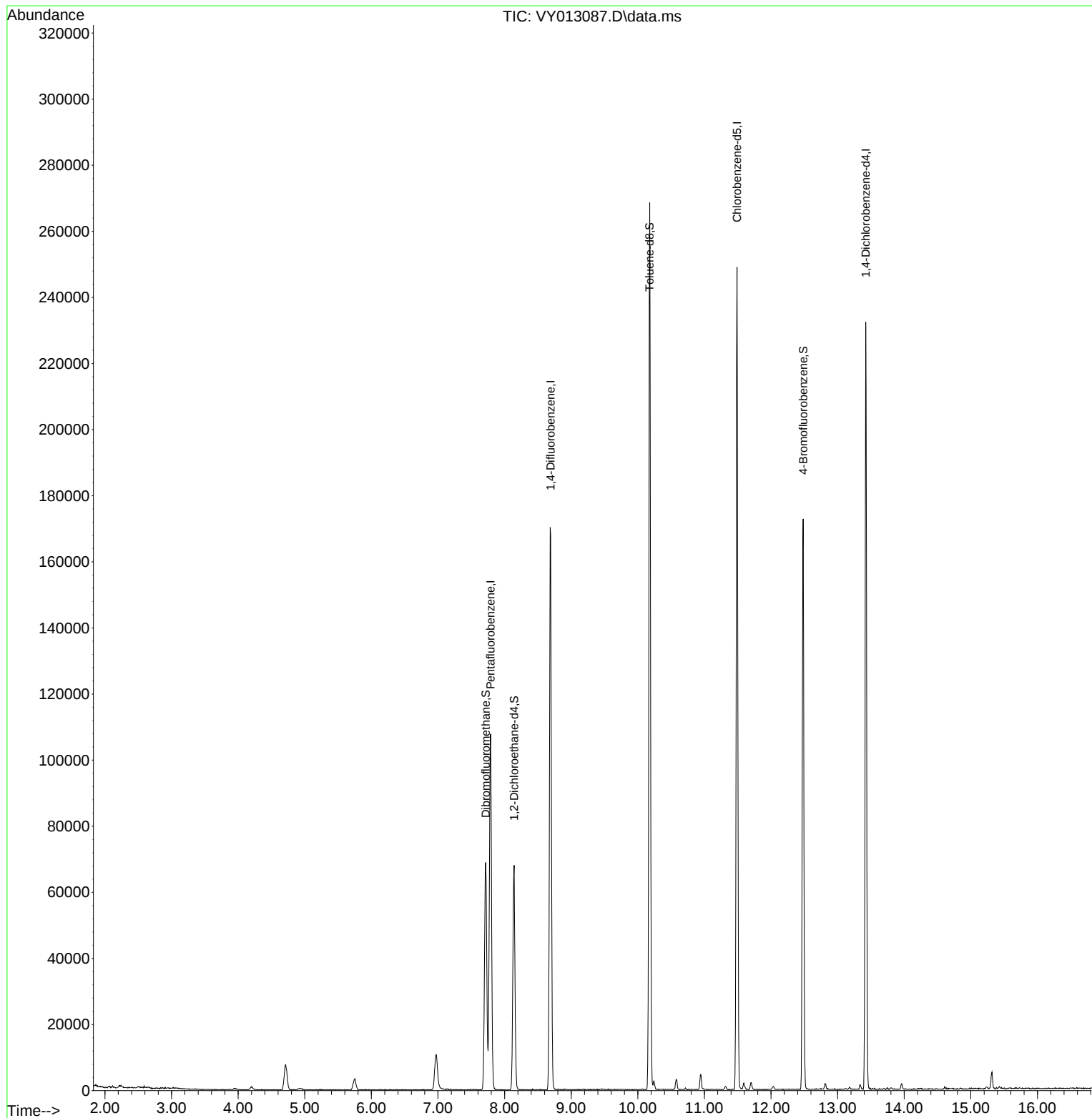
Target Compounds	Qvalue

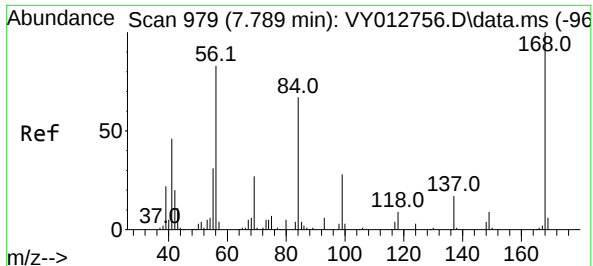
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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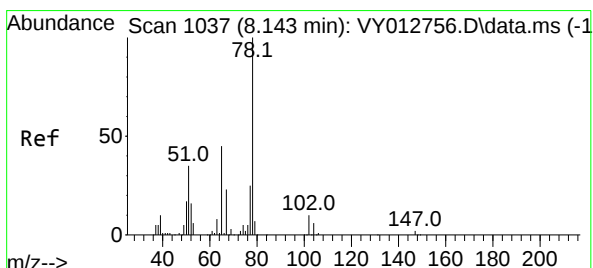
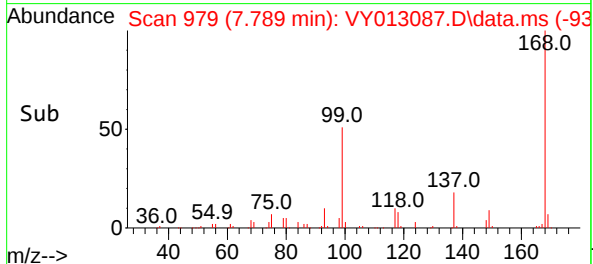
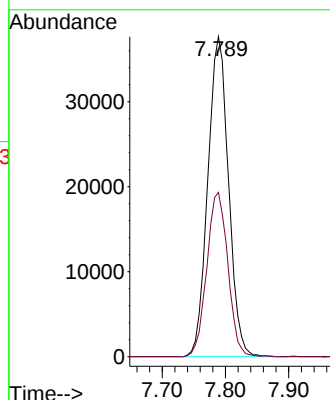
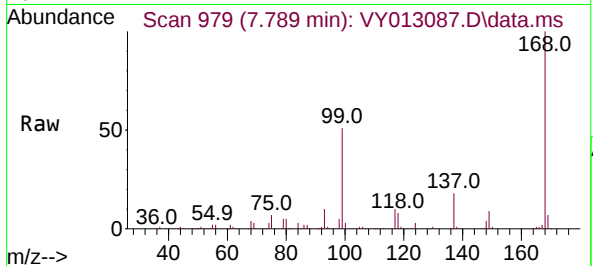




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013087.D
Acq: 27 Mar 2023 13:24

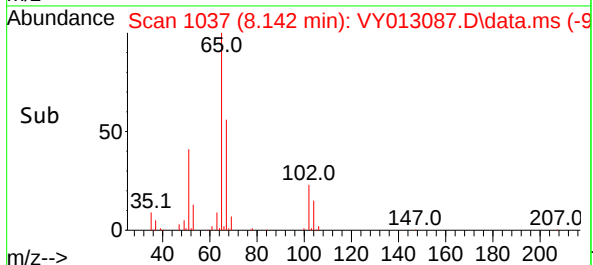
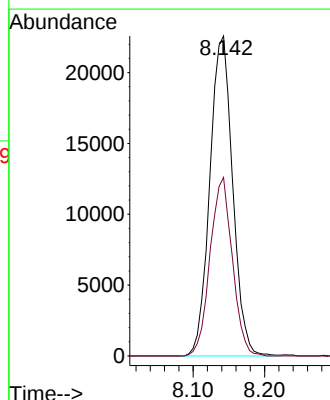
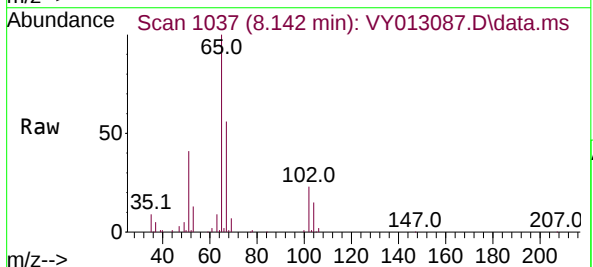
Instrument :
MSVOA_Y
ClientSampleId :
WC2-20230322

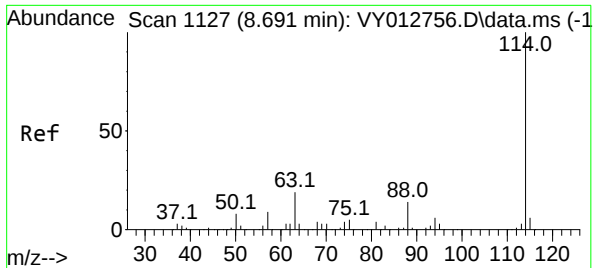
Tgt Ion:168 Resp: 85645
Ion Ratio Lower Upper
168 100
99 51.4 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 58.889 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY013087.D
Acq: 27 Mar 2023 13:24

Tgt Ion: 65 Resp: 50076
Ion Ratio Lower Upper
65 100
67 54.4 0.0 104.0

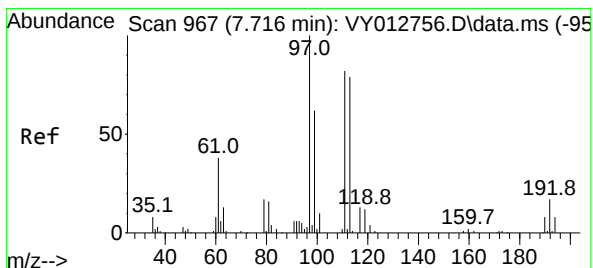
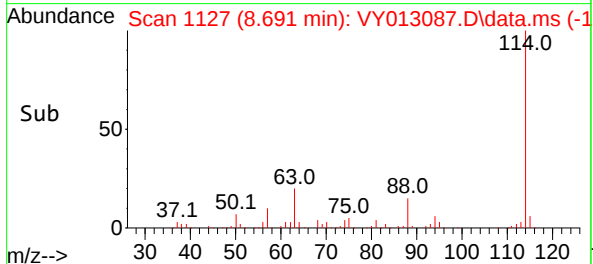
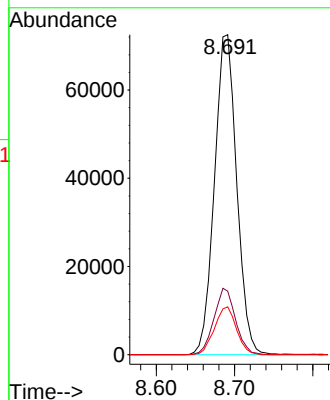
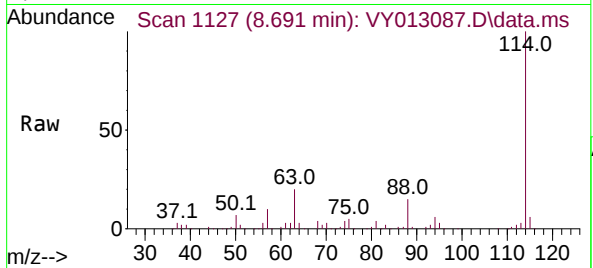




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY013087.D
Acq: 27 Mar 2023 13:24

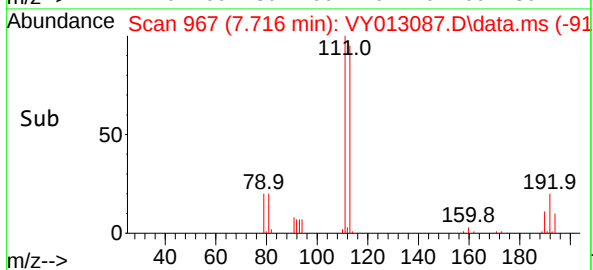
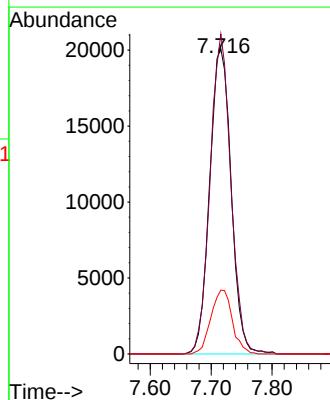
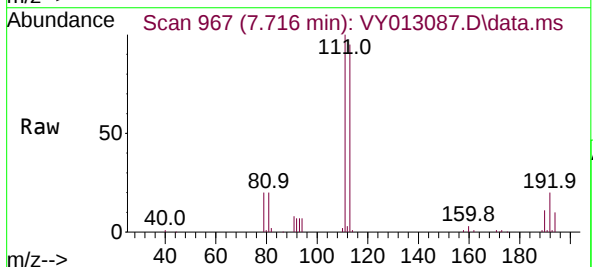
Instrument :
MSVOA_Y
ClientSampleId :
WC2-20230322

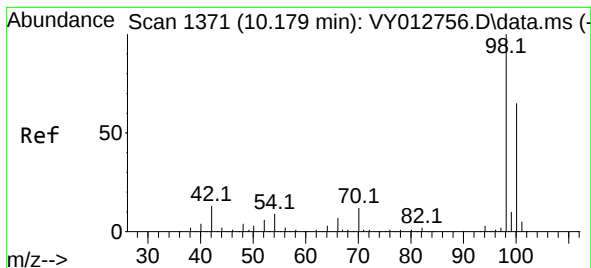
Tgt Ion:114 Resp: 143400
Ion Ratio Lower Upper
114 100
63 19.9 0.0 37.4
88 14.9 0.0 28.6



#35
Dibromofluoromethane
Concen: 56.984 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013087.D
Acq: 27 Mar 2023 13:24

Tgt Ion:113 Resp: 49315
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.2
192 20.9 16.8 25.2





#50

Toluene-d8

Concen: 53.975 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013087.D

Acq: 27 Mar 2023 13:24

Instrument :

MSVOA_Y

ClientSampleId :

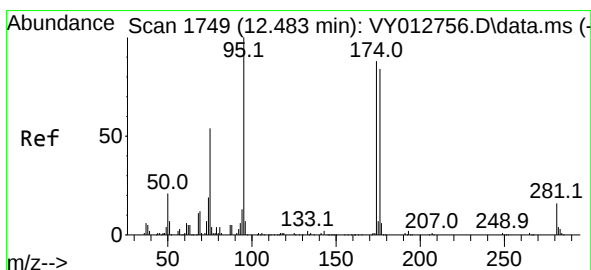
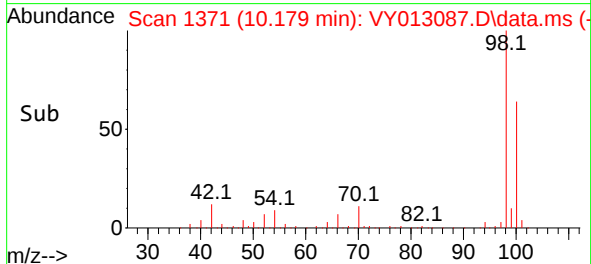
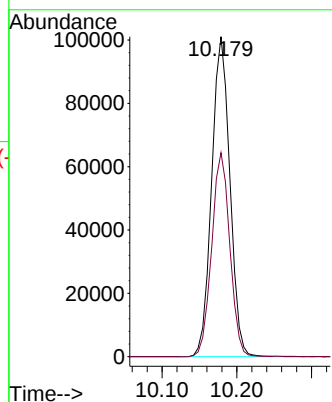
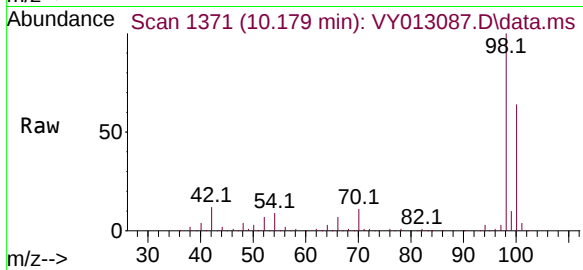
WC2-20230322

Tgt Ion: 98 Resp: 170766

Ion Ratio Lower Upper

98 100

100 63.4 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 46.911 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY013087.D

Acq: 27 Mar 2023 13:24

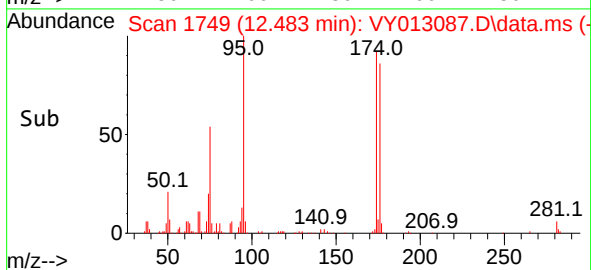
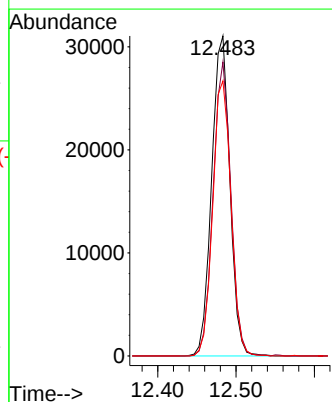
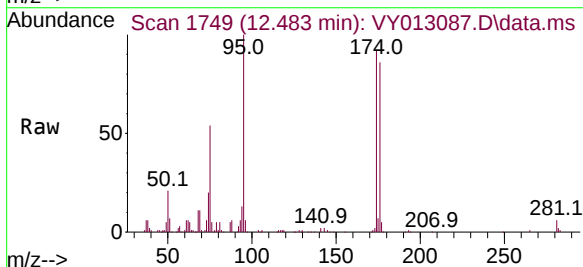
Tgt Ion: 95 Resp: 50094

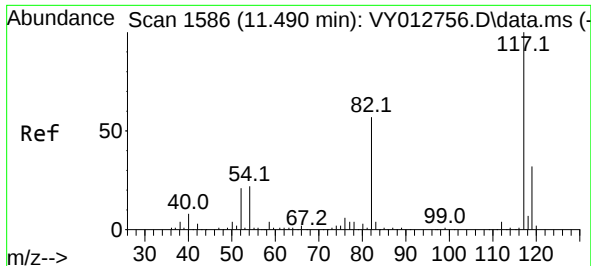
Ion Ratio Lower Upper

95 100

174 89.7 0.0 176.6

176 86.4 0.0 170.2

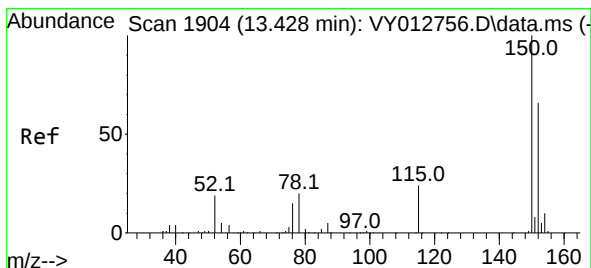
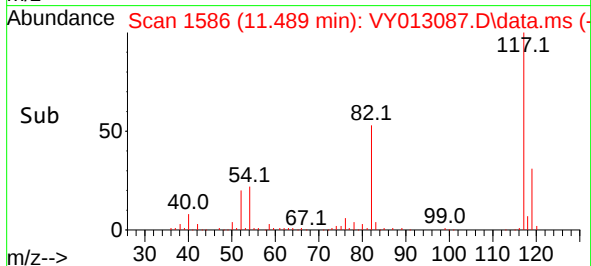
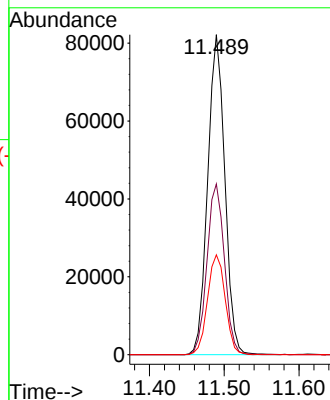
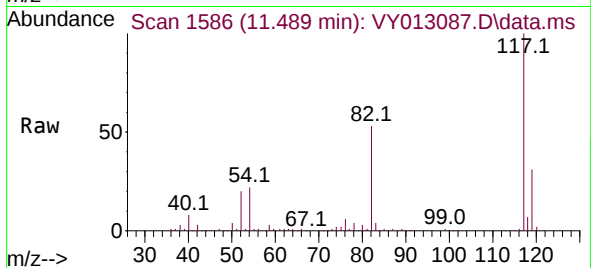




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY013087.D
Acq: 27 Mar 2023 13:24

Instrument :
MSVOA_Y
ClientSampleId :
WC2-20230322

Tgt Ion:117 Resp: 130958
Ion Ratio Lower Upper
117 100
82 53.4 45.4 68.0
119 31.2 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY013087.D
Acq: 27 Mar 2023 13:24

Tgt Ion:152 Resp: 57849
Ion Ratio Lower Upper
152 100
115 56.3 27.1 81.3
150 158.8 0.0 347.8

