

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031623\
 Data File : VY012964.D
 Acq On : 16 Mar 2023 12:32
 Operator : KP/MD
 Sample : 01924-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB21136

Quant Time: Mar 17 01:34:14 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	81372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	135923	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	120737	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	51112	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	49342	61.073	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.140%
35) Dibromofluoromethane	7.716	113	45653	55.654	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.300%
50) Toluene-d8	10.179	98	158990	53.017	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.040%
62) 4-Bromofluorobenzene	12.483	95	45903	45.351	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.700%

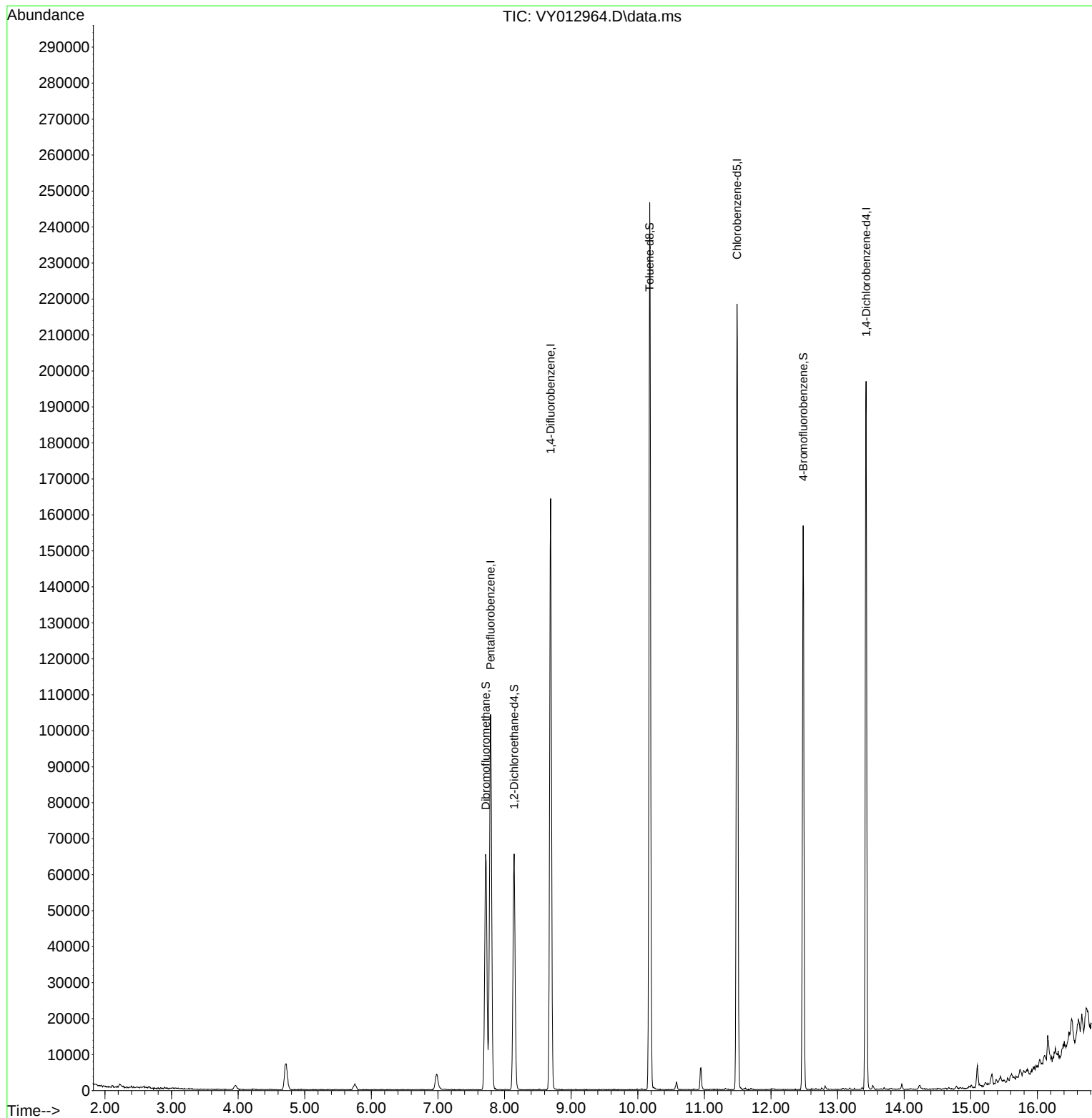
Target Compounds	Qvalue

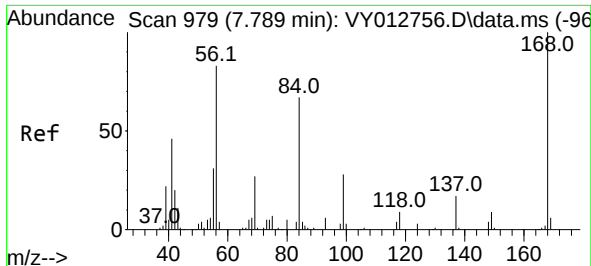
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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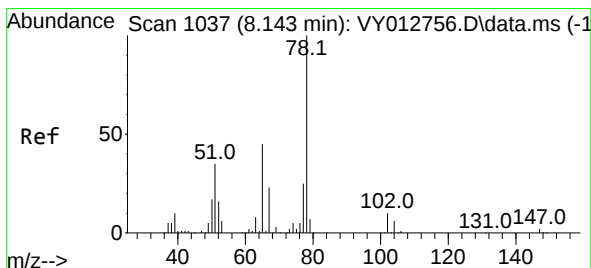
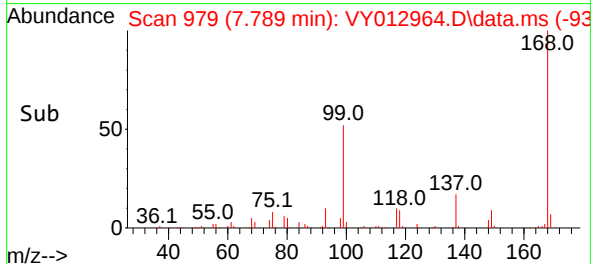
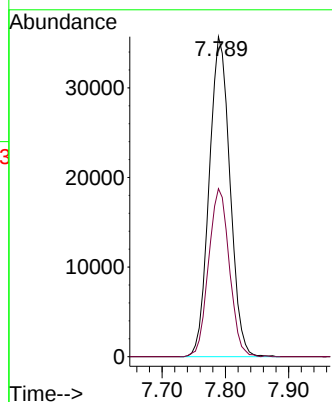
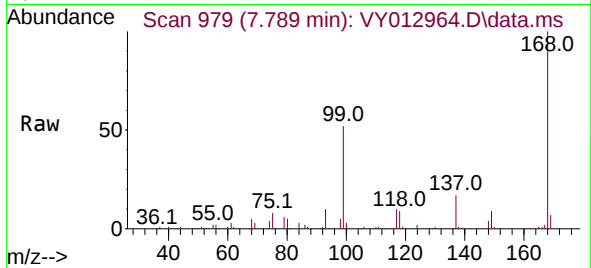




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012964.D
Acq: 16 Mar 2023 12:32

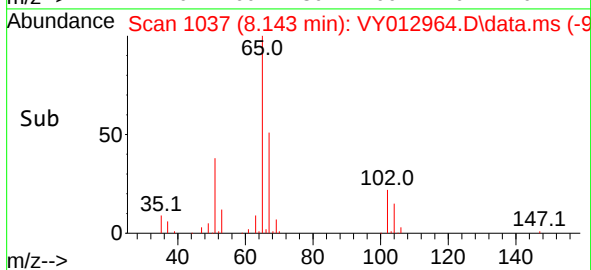
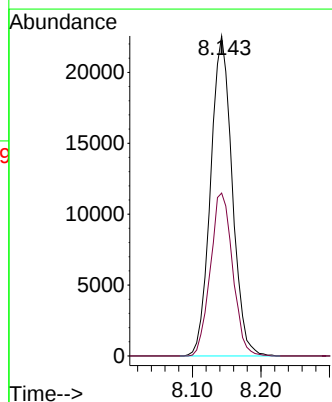
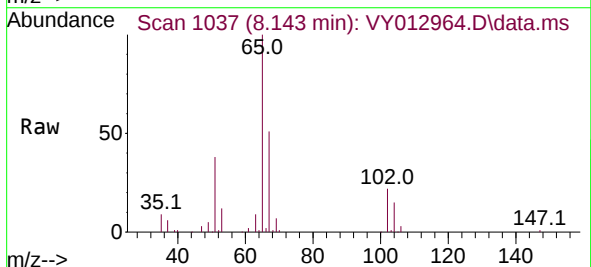
Instrument :
MSVOA_Y
ClientSampleId :
RB21136

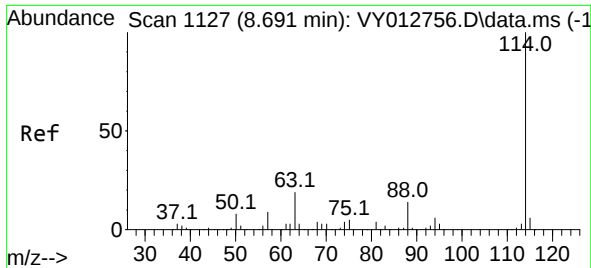
Tgt Ion:168 Resp: 81372
Ion Ratio Lower Upper
168 100
99 52.5 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 61.073 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012964.D
Acq: 16 Mar 2023 12:32

Tgt Ion: 65 Resp: 49342
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.0

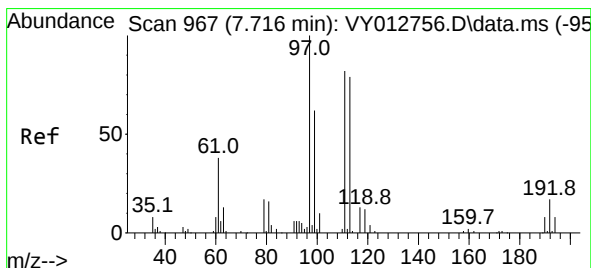
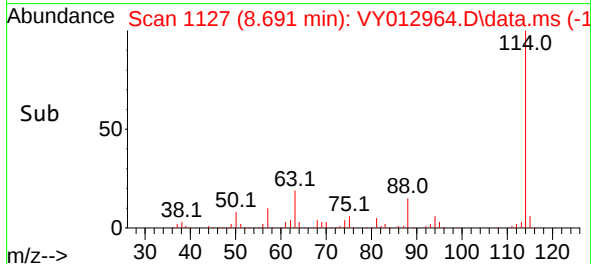
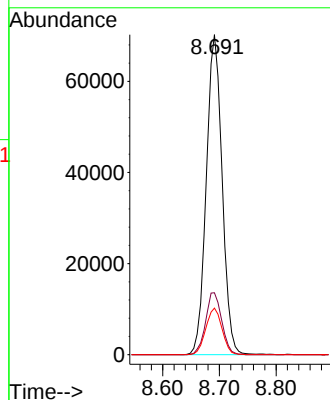
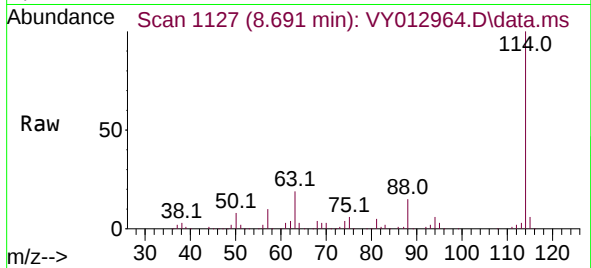




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012964.D
Acq: 16 Mar 2023 12:32

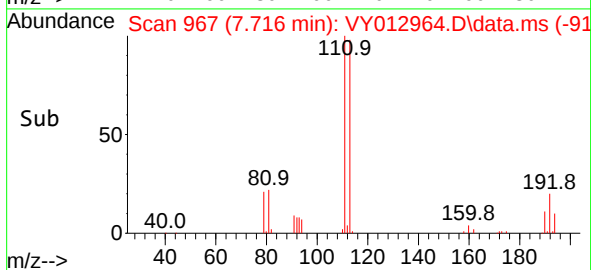
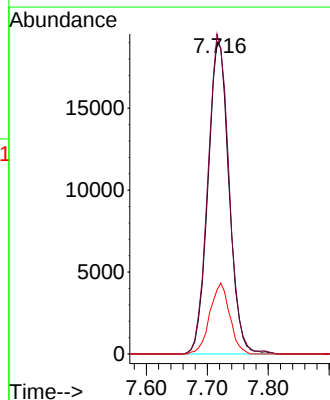
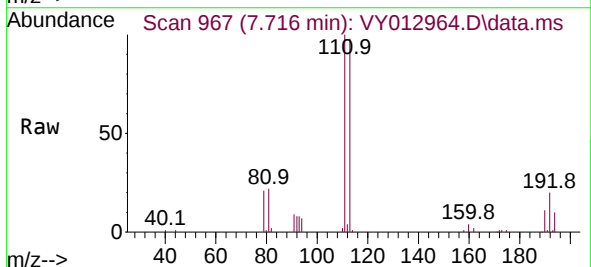
Instrument :
MSVOA_Y
ClientSampleId :
RB21136

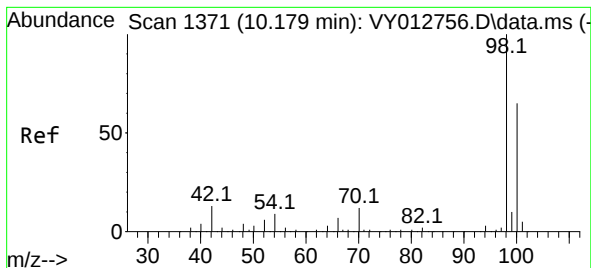
Tgt Ion:114 Resp: 135923
Ion Ratio Lower Upper
114 100
63 19.4 0.0 37.4
88 14.6 0.0 28.6



#35
Dibromofluoromethane
Concen: 55.654 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY012964.D
Acq: 16 Mar 2023 12:32

Tgt Ion:113 Resp: 45653
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 21.5 16.8 25.2





#50

Toluene-d8

Concen: 53.017 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY012964.D

Acq: 16 Mar 2023 12:32

Instrument :

MSVOA_Y

ClientSampleId :

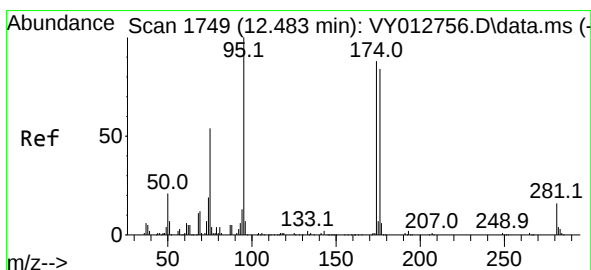
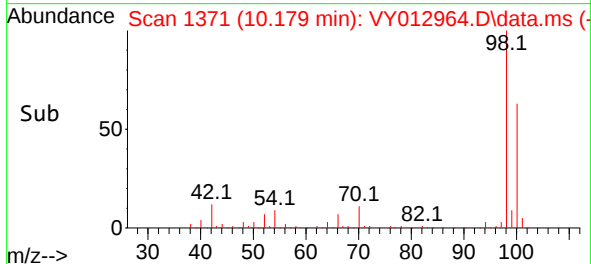
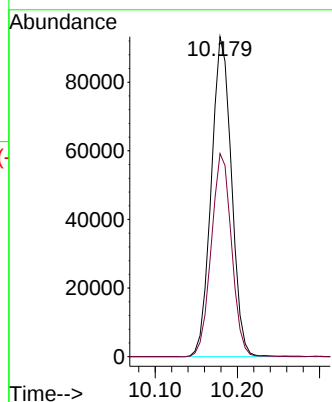
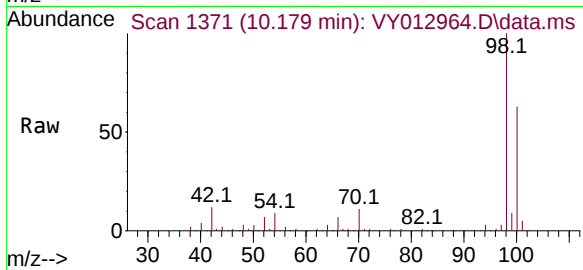
RB21136

Tgt Ion: 98 Resp: 158990

Ion Ratio Lower Upper

98 100

100 63.7 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 45.351 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012964.D

Acq: 16 Mar 2023 12:32

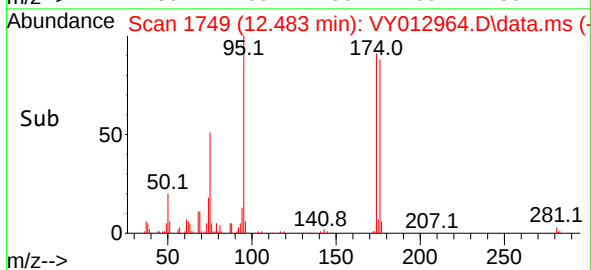
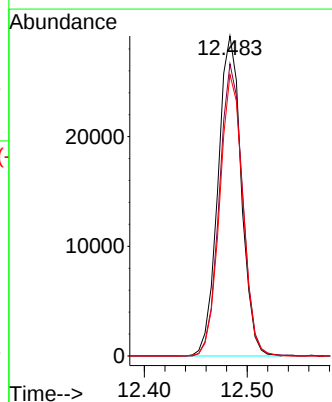
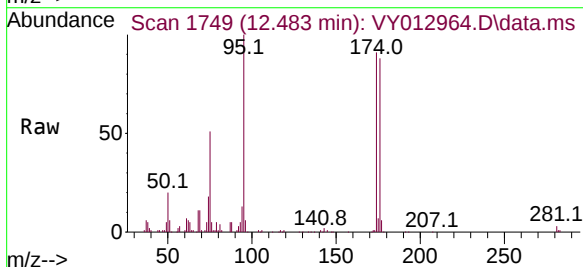
Tgt Ion: 95 Resp: 45903

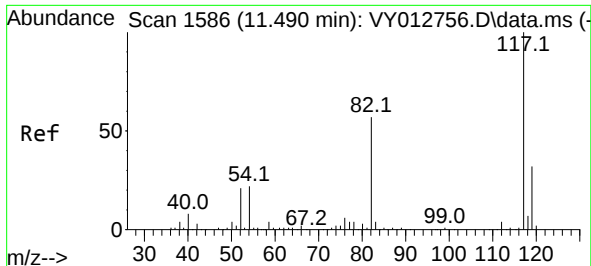
Ion Ratio Lower Upper

95 100

174 91.0 0.0 176.6

176 87.1 0.0 170.2

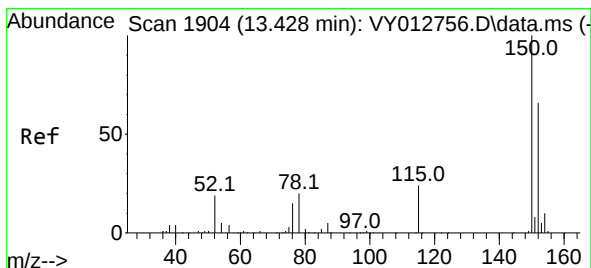
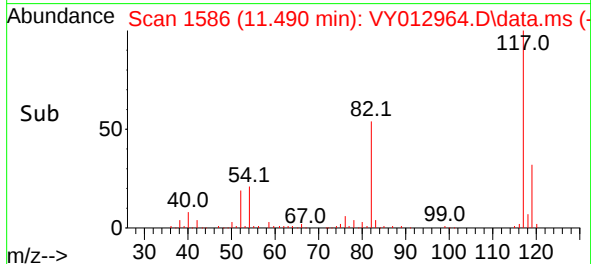
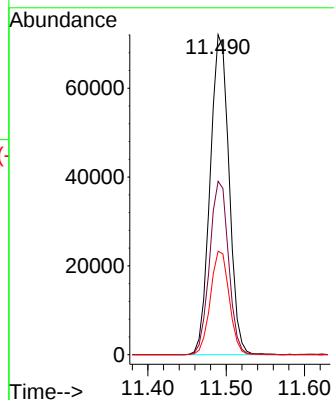
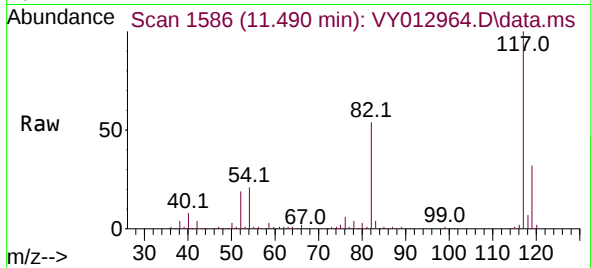




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY012964.D
Acq: 16 Mar 2023 12:32

Instrument :
MSVOA_Y
ClientSampleId :
RB21136

Tgt Ion:117 Resp: 120737
Ion Ratio Lower Upper
117 100
82 54.2 45.4 68.0
119 32.4 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: VY012964.D
Acq: 16 Mar 2023 12:32

Tgt Ion:152 Resp: 51112
Ion Ratio Lower Upper
152 100
115 56.5 27.1 81.3
150 154.7 0.0 347.8

