

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030623\
 Data File : VY012827.D
 Acq On : 06 Mar 2023 16:36
 Operator : KP/MD
 Sample : 01814-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-206

Quant Time: Mar 07 04:25:56 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	7.795	168	5431	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	7936	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	7021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2365	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	4268	79.150	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	158.300%
35) Dibromofluoromethane	7.716	113	3820	79.760	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	159.520%#
50) Toluene-d8	10.179	98	9838	56.188	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.380%
62) 4-Bromofluorobenzene	12.477	95	2592	43.860	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.720%

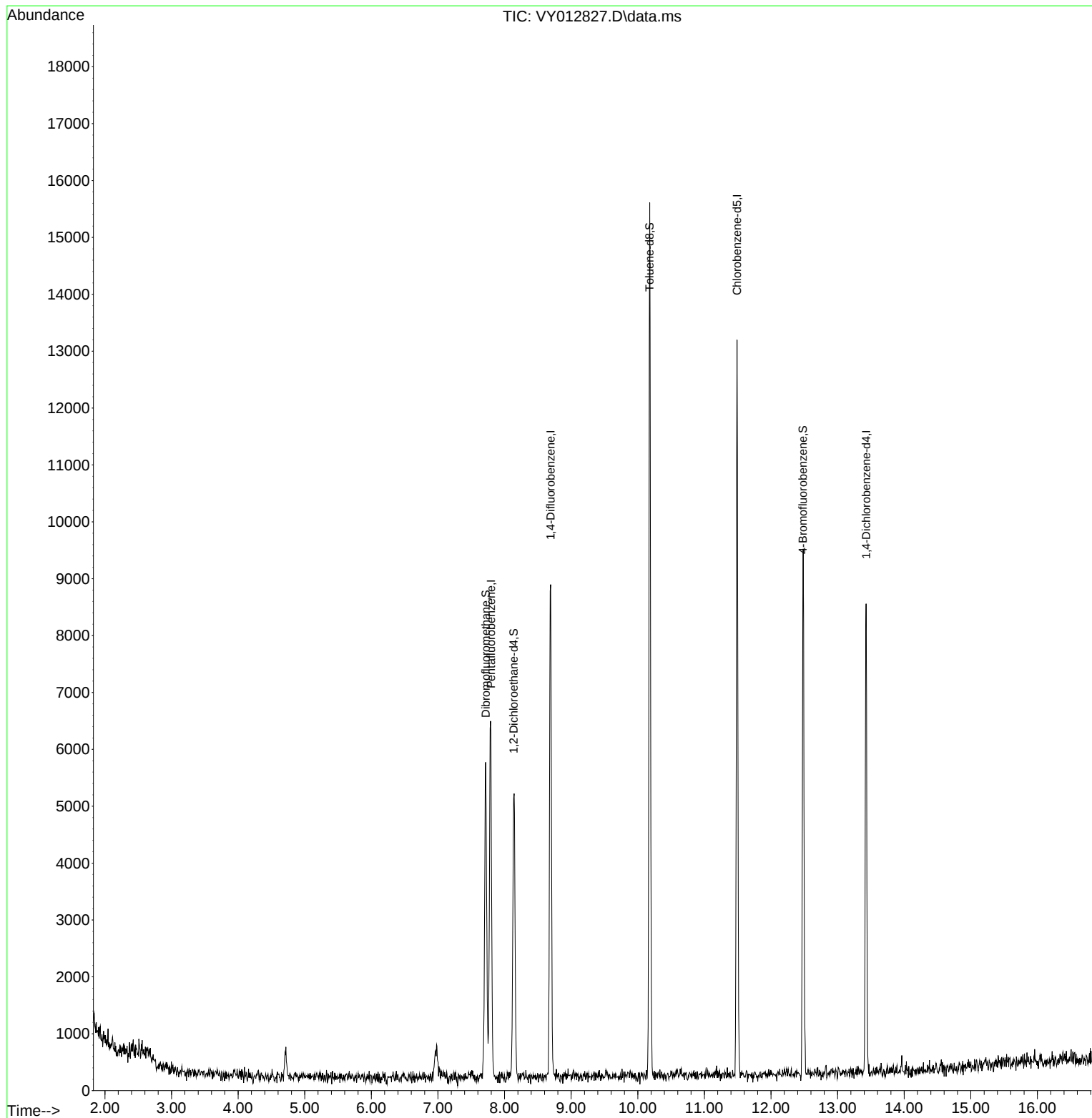
Target Compounds	Qvalue

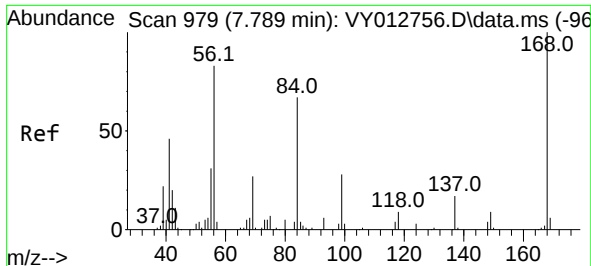
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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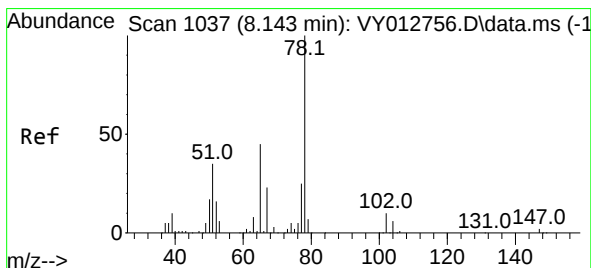
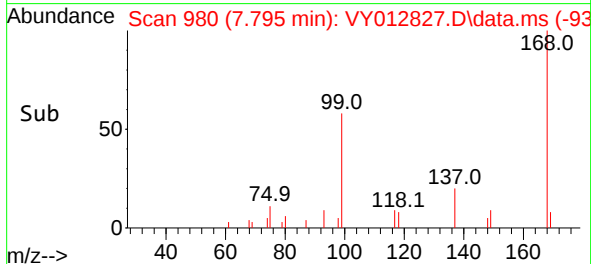
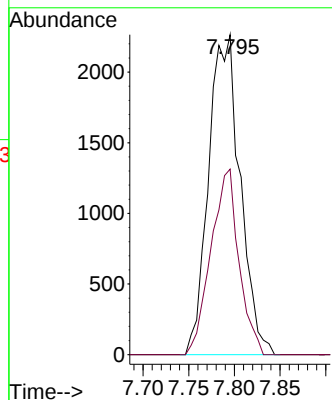
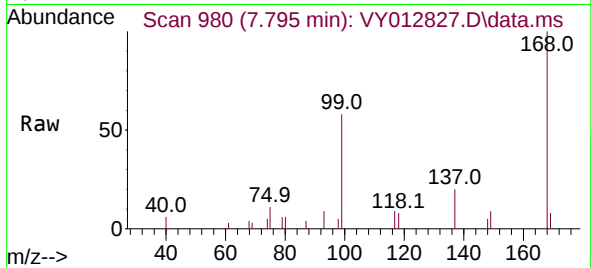




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012827.D
Acq: 06 Mar 2023 16:36

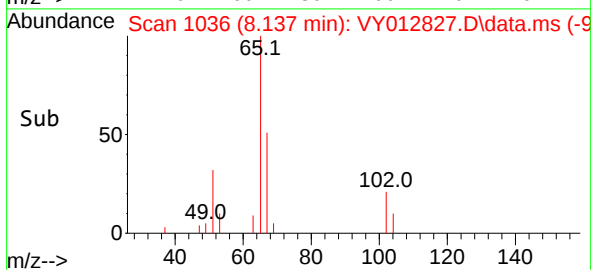
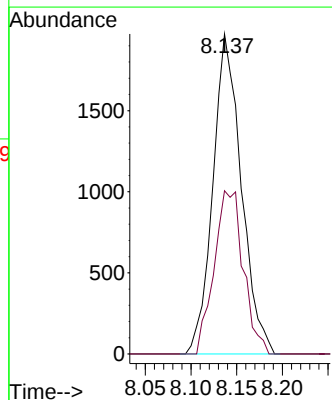
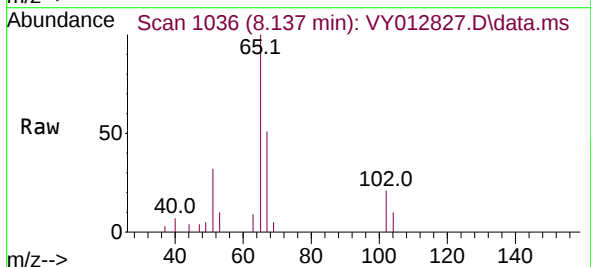
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-206

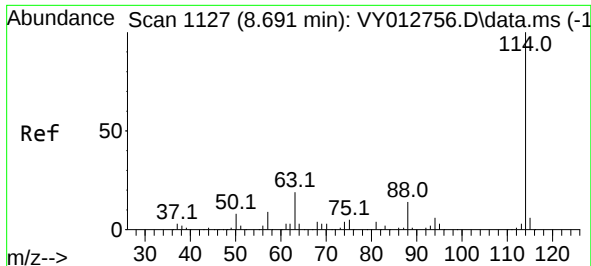
Tgt Ion:168 Resp: 5431
Ion Ratio Lower Upper
168 100
99 58.0 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 79.150 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012827.D
Acq: 06 Mar 2023 16:36

Tgt Ion: 65 Resp: 4268
Ion Ratio Lower Upper
65 100
67 52.3 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: VY012827.D

Acq: 06 Mar 2023 16:36

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-206

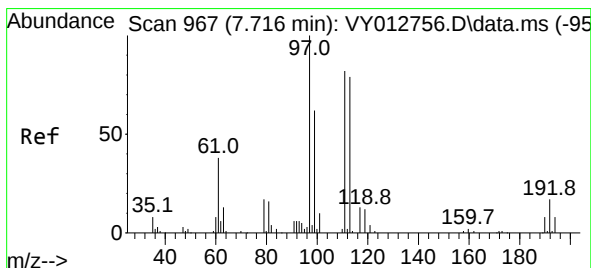
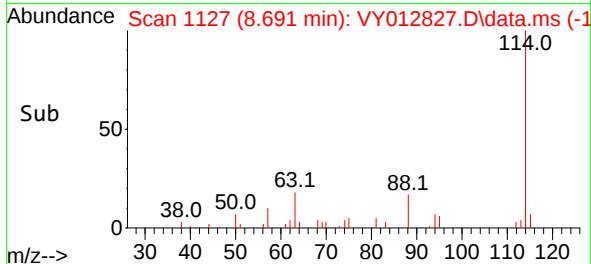
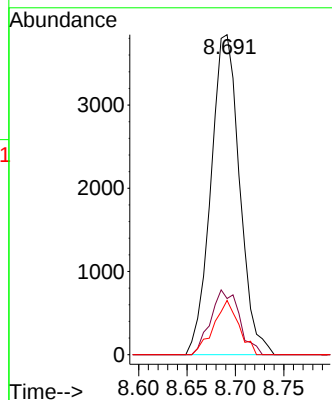
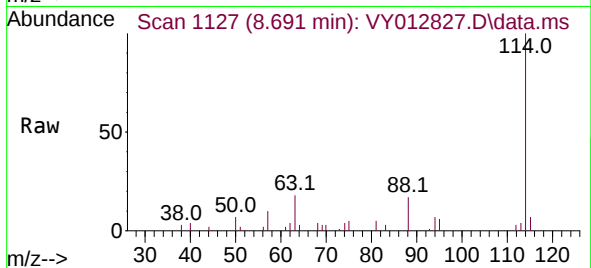
Tgt Ion:114 Resp: 7936

Ion Ratio Lower Upper

114 100

63 17.6 0.0 37.4

88 17.0 0.0 28.6



#35

Dibromofluoromethane

Concen: 79.760 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY012827.D

Acq: 06 Mar 2023 16:36

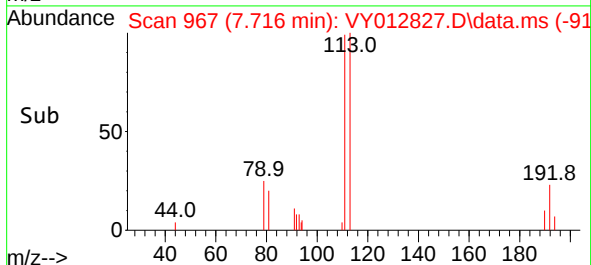
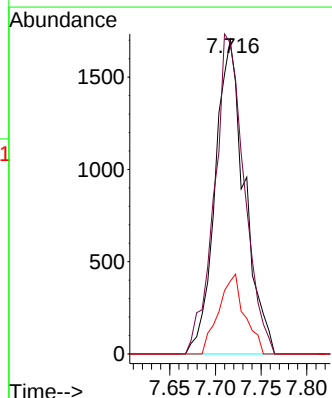
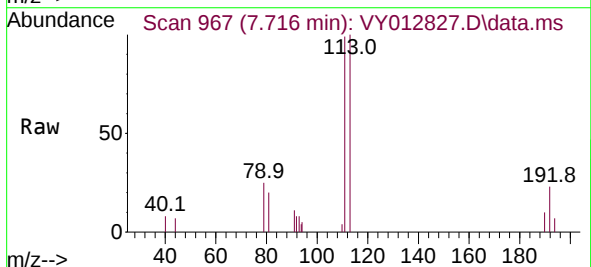
Tgt Ion:113 Resp: 3820

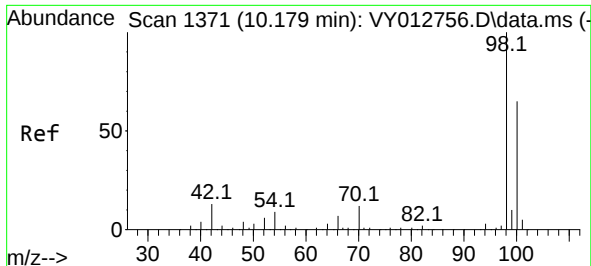
Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.2

192 22.2 16.8 25.2





#50

Toluene-d8

Concen: 56.188 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012827.D

Acq: 06 Mar 2023 16:36

Instrument :

MSVOA_Y

ClientSampleId :

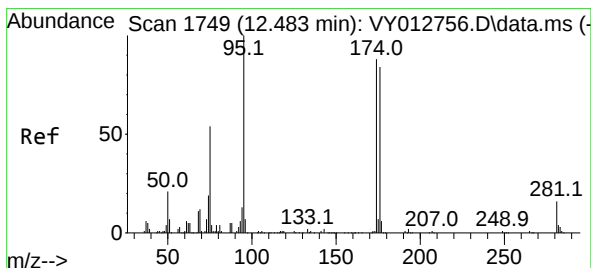
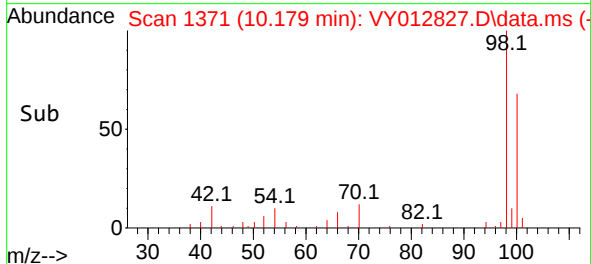
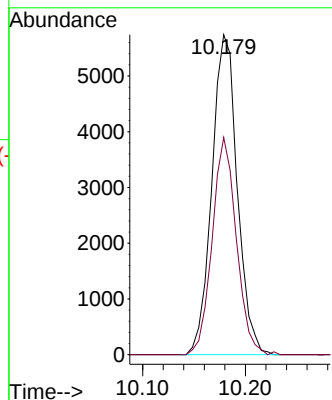
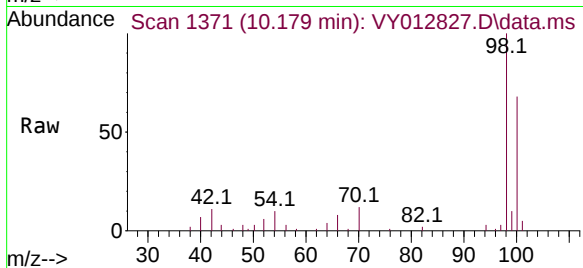
VNJ-206

Tgt Ion: 98 Resp: 9838

Ion Ratio Lower Upper

98 100

100 64.5 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 43.860 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY012827.D

Acq: 06 Mar 2023 16:36

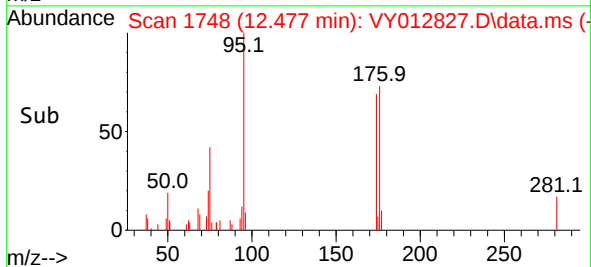
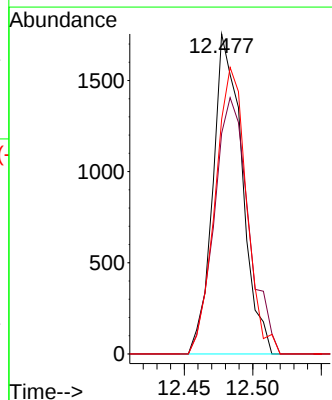
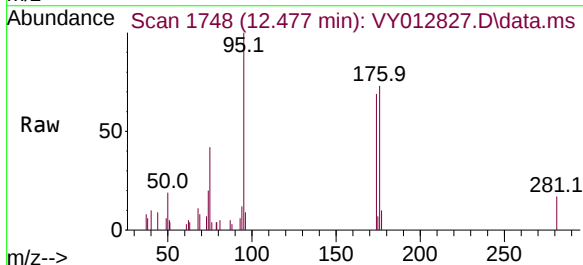
Tgt Ion: 95 Resp: 2592

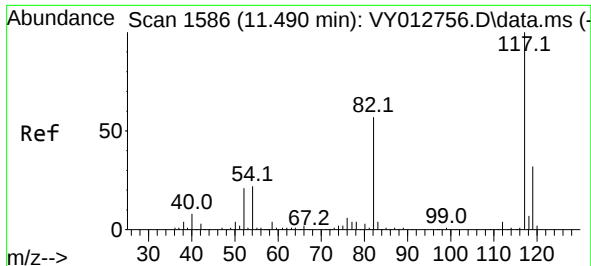
Ion Ratio Lower Upper

95 100

174 94.0 0.0 176.6

176 96.4 0.0 170.2

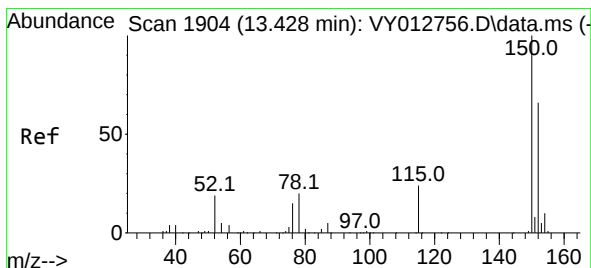
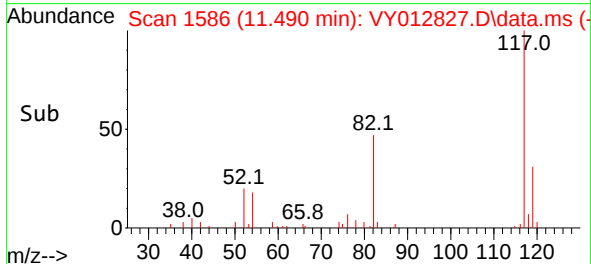
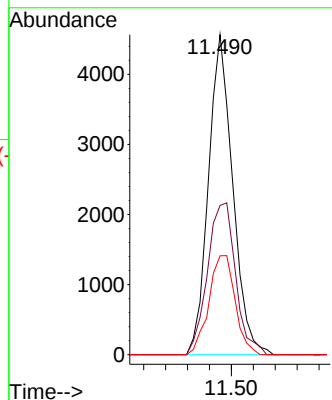
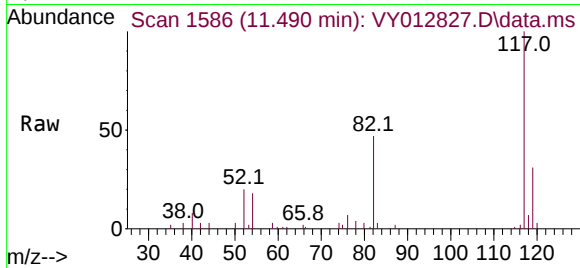




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VY012827.D
Acq: 06 Mar 2023 16:36

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-206

Tgt Ion:117 Resp: 7021
Ion Ratio Lower Upper
117 100
82 46.6 45.4 68.0
119 30.9 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: VY012827.D
Acq: 06 Mar 2023 16:36

Tgt Ion:152 Resp: 2365
Ion Ratio Lower Upper
152 100
115 55.1 27.1 81.3
150 165.8 0.0 347.8

