

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030823\
 Data File : VY012873.D
 Acq On : 08 Mar 2023 16:02
 Operator : KP/MD
 Sample : 01829-03
 Misc : 6.85g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-03-20230306

Quant Time: Mar 09 00:37:31 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	56729	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	92779	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	87166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	37378	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	38115	67.670	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.340%
35) Dibromofluoromethane	7.716	113	33600	60.009	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.020%
50) Toluene-d8	10.179	98	113718	55.555	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.100%
62) 4-Bromofluorobenzene	12.483	95	32929	47.661	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.320%

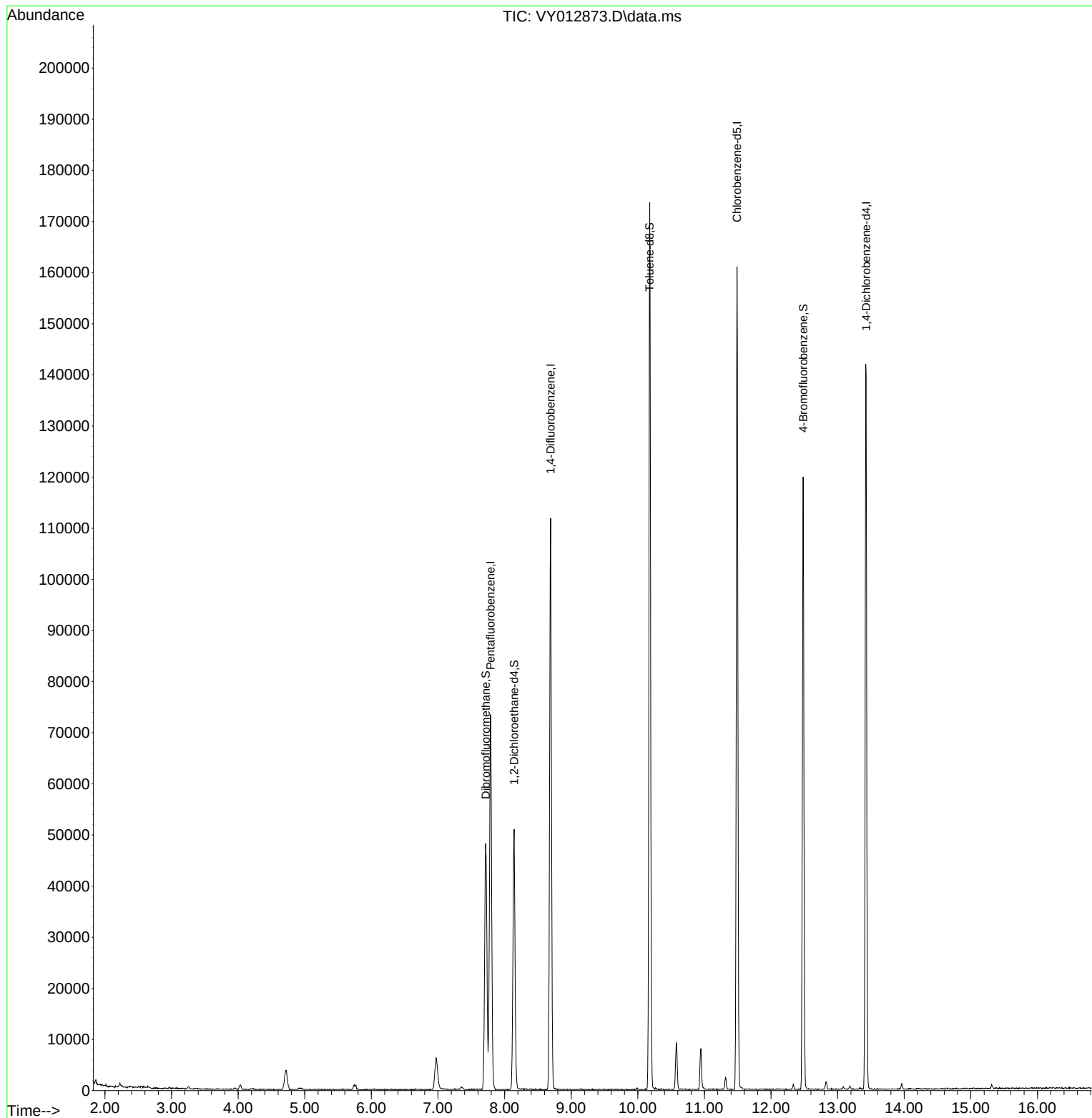
Target Compounds	Qvalue

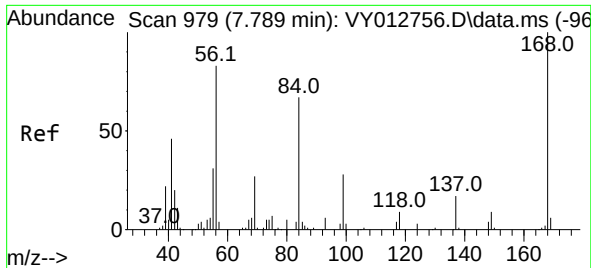
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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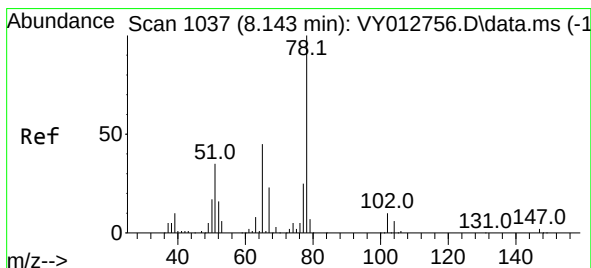
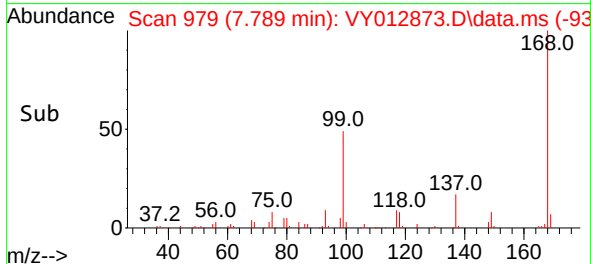
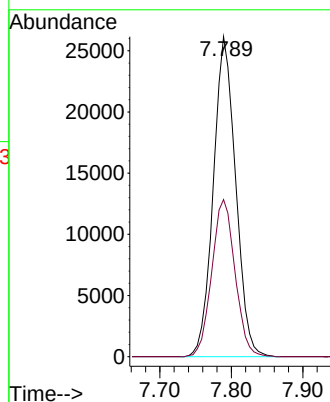
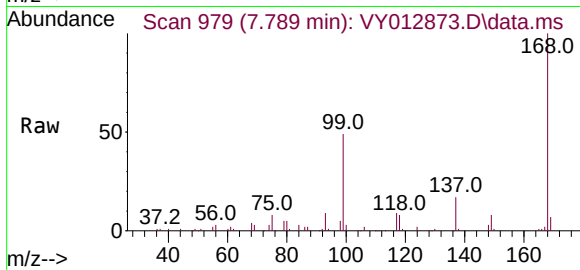




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012873.D
Acq: 08 Mar 2023 16:02

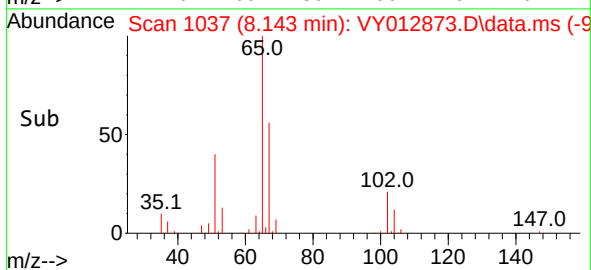
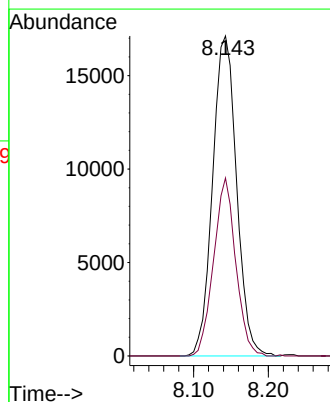
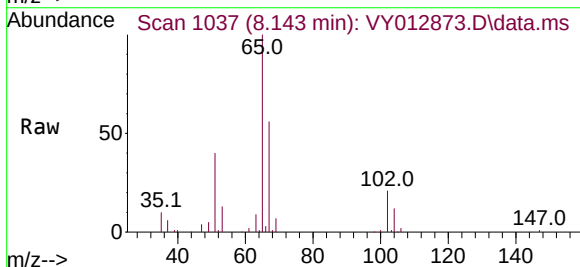
Instrument :
MSVOA_Y
ClientSampleId :
SS-03-20230306

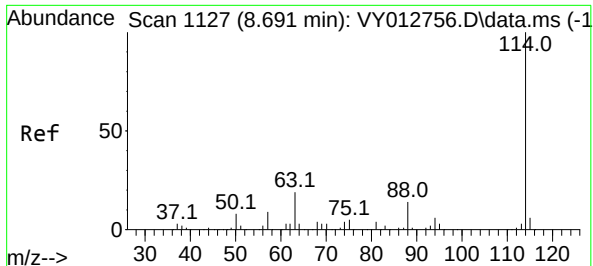
Tgt Ion:168 Resp: 56729
Ion Ratio Lower Upper
168 100
99 49.1 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 67.670 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012873.D
Acq: 08 Mar 2023 16:02

Tgt Ion: 65 Resp: 38115
Ion Ratio Lower Upper
65 100
67 51.2 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: VY012873.D

Acq: 08 Mar 2023 16:02

Instrument :

MSVOA_Y

ClientSampleId :

SS-03-20230306

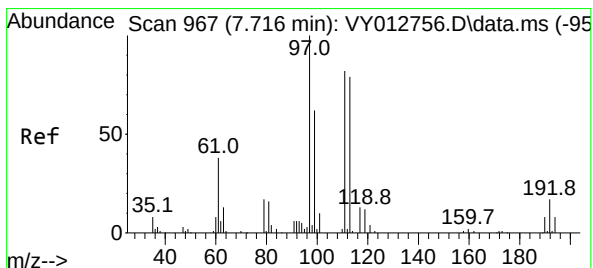
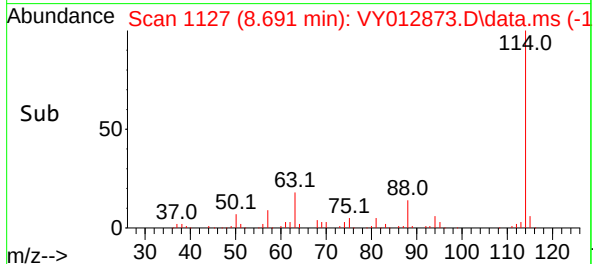
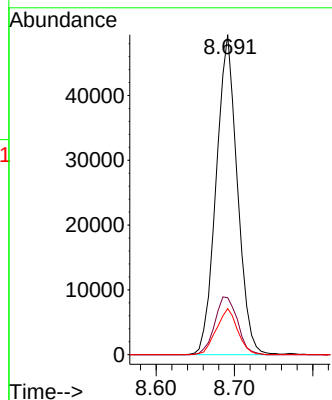
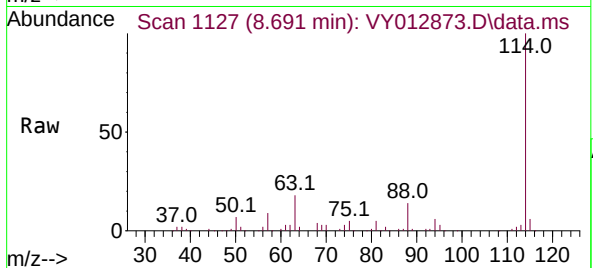
Tgt Ion:114 Resp: 92779

Ion Ratio Lower Upper

114 100

63 17.8 0.0 37.4

88 14.4 0.0 28.6



#35

Dibromofluoromethane

Concen: 60.009 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY012873.D

Acq: 08 Mar 2023 16:02

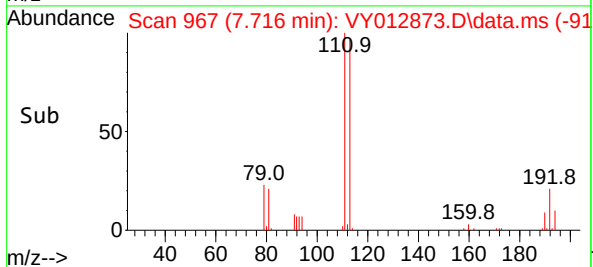
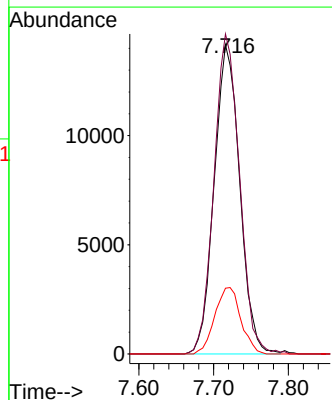
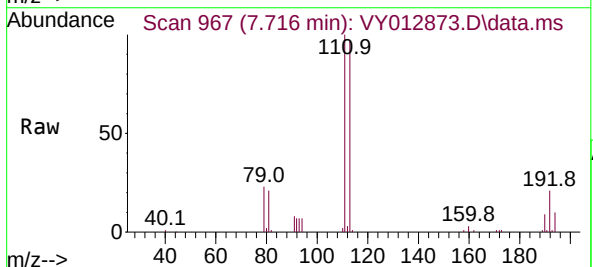
Tgt Ion:113 Resp: 33600

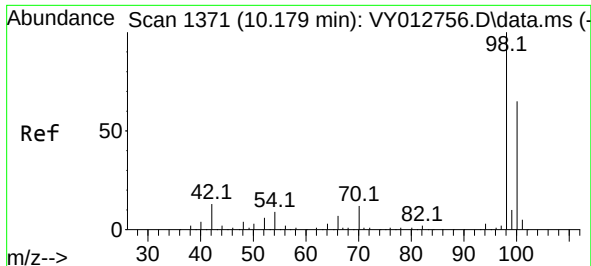
Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.2

192 21.9 16.8 25.2

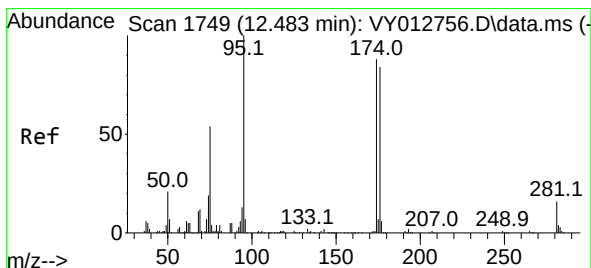
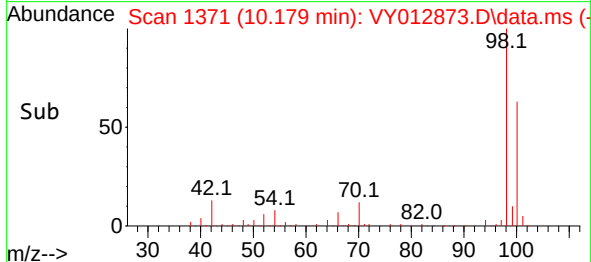
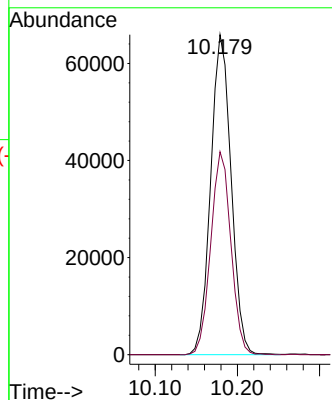
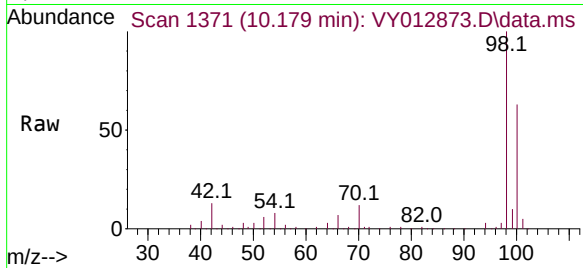




#50
Toluene-d8
Concen: 55.555 ug/l
RT: 10.179 min Scan# 113718
Delta R.T. 0.000 min
Lab File: VY012873.D
Acq: 08 Mar 2023 16:02

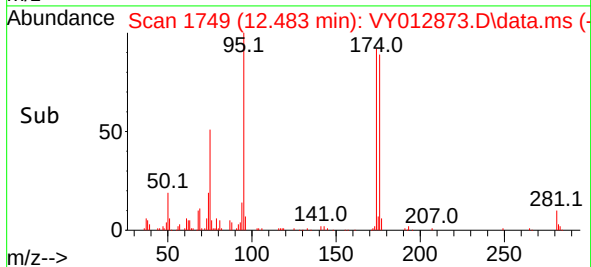
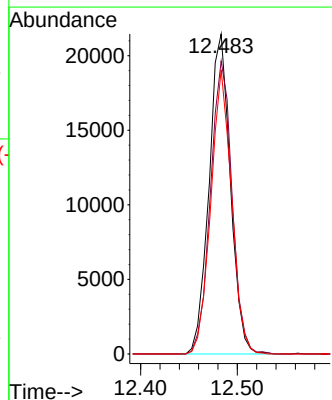
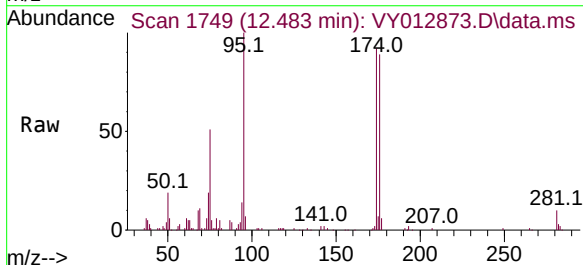
Instrument :
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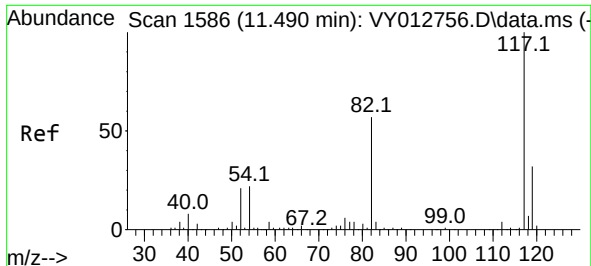
Tgt Ion: 98 Resp: 113718
Ion Ratio Lower Upper
98 100
100 62.5 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 47.661 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012873.D
Acq: 08 Mar 2023 16:02

Tgt Ion: 95 Resp: 32929
Ion Ratio Lower Upper
95 100
174 92.5 0.0 176.6
176 86.2 0.0 170.2

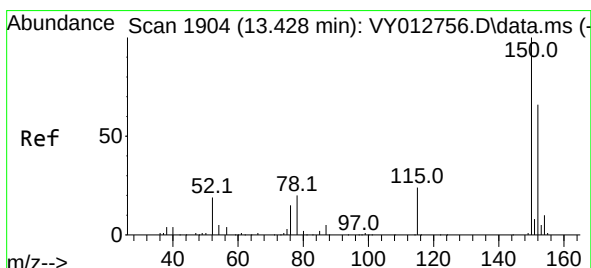
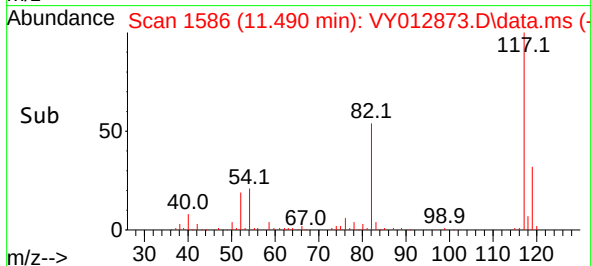
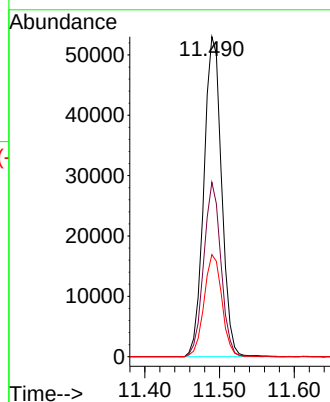
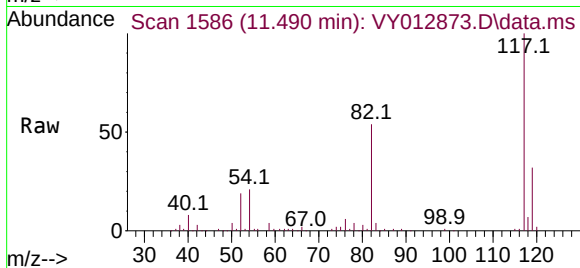




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY012873.D
Acq: 08 Mar 2023 16:02

Instrument :
MSVOA_Y
ClientSampleId :
SS-03-20230306

Tgt Ion:117 Resp: 87166
Ion Ratio Lower Upper
117 100
82 54.5 45.4 68.0
119 31.9 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: VY012873.D
Acq: 08 Mar 2023 16:02

Tgt Ion:152 Resp: 37378
Ion Ratio Lower Upper
152 100
115 55.1 27.1 81.3
150 157.9 0.0 347.8

