

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011223\
 Data File : VY012173.D
 Acq On : 12 Jan 2023 13:13
 Operator : KP/MD
 Sample : 01125-01
 Misc : 4.85g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-04-SB01

Quant Time: Jan 13 00:37:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

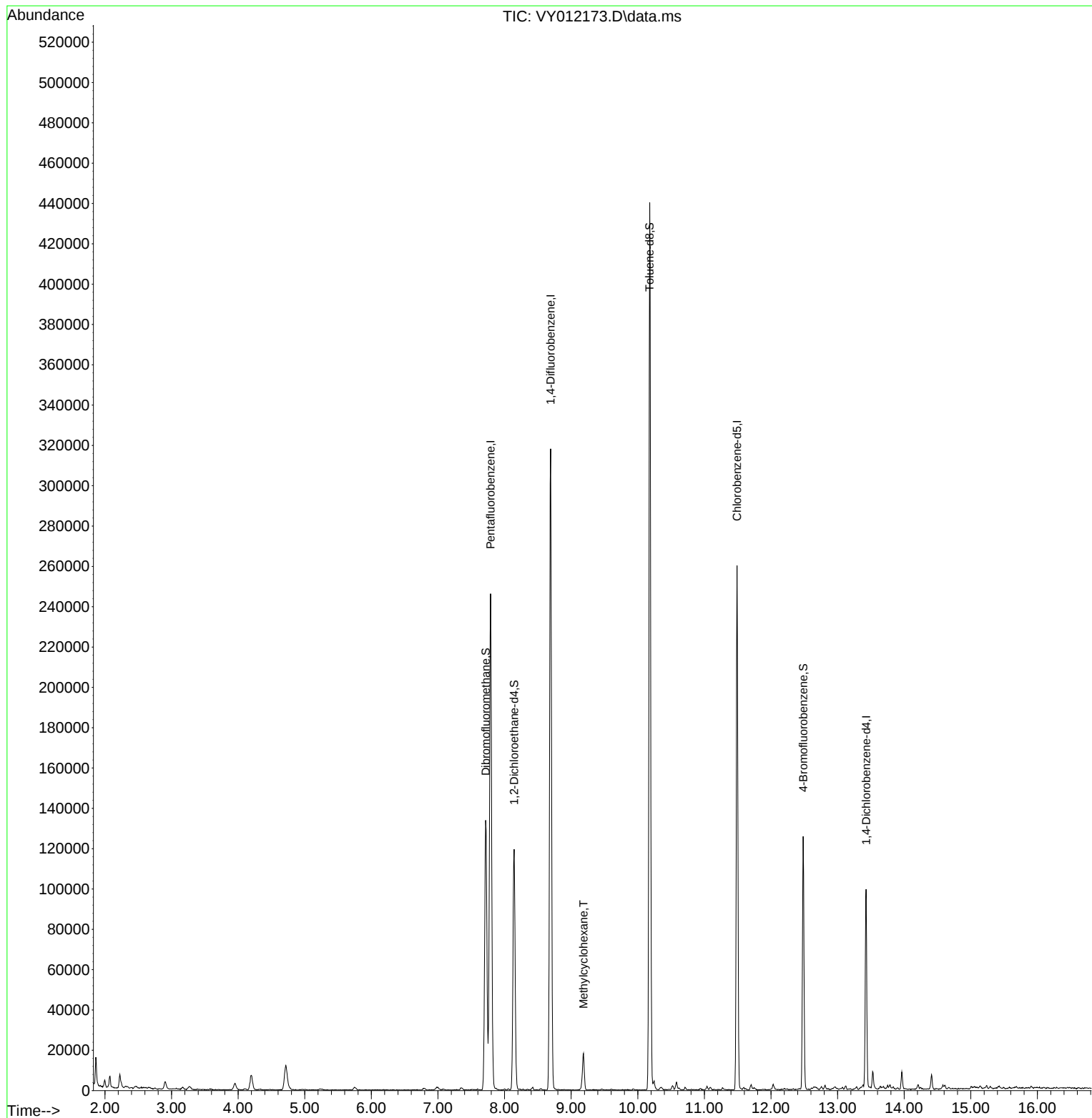
Internal Standards						
1) Pentafluorobenzene	7.789	168	186669	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	282556	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	147087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	27828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	95882	45.712	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.420%
35) Dibromofluoromethane	7.716	113	93904	50.562	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.120%
50) Toluene-d8	10.179	98	295842	40.358	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	80.720%
62) 4-Bromofluorobenzene	12.483	95	35056	13.682	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	27.360%
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.185	83	8100	2.406	ug/l	97

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

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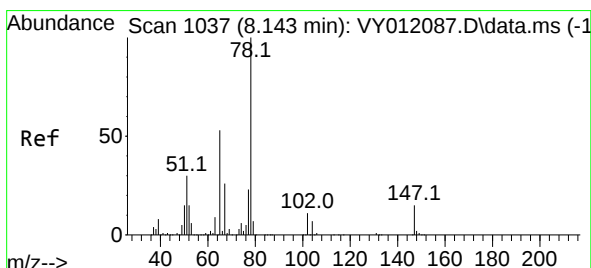
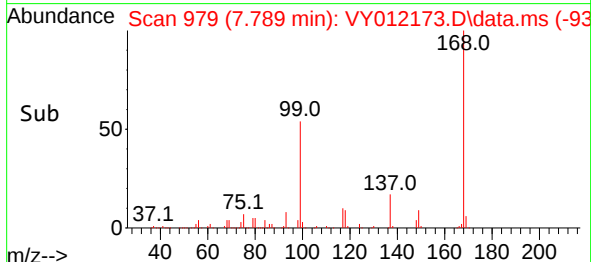
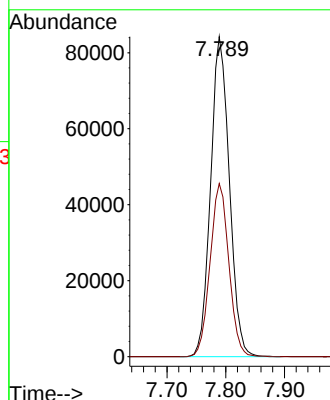
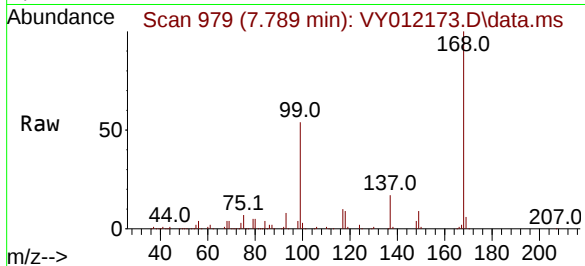




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012173.D
Acq: 12 Jan 2023 13:13

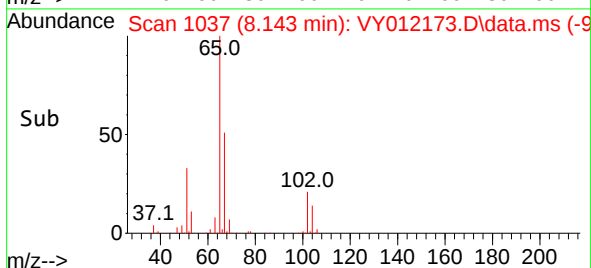
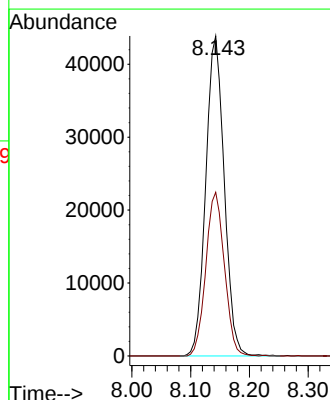
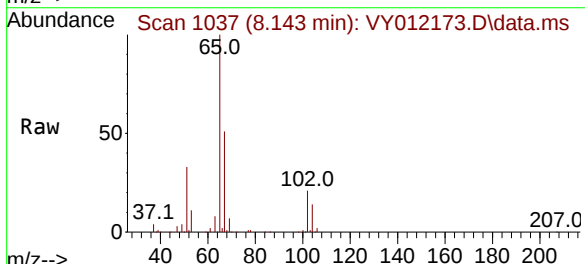
Instrument :
MSVOA_Y
ClientSampleId :
B-04-SB01

Tgt Ion:168 Resp: 186669
Ion Ratio Lower Upper
168 100
99 54.1 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 45.712 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012173.D
Acq: 12 Jan 2023 13:13

Tgt Ion: 65 Resp: 95882
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012173.D

Acq: 12 Jan 2023 13:13

Instrument :

MSVOA_Y

ClientSampleId :

B-04-SB01

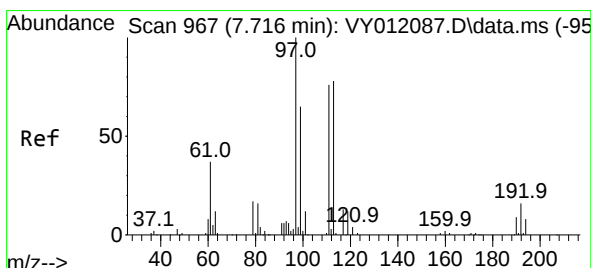
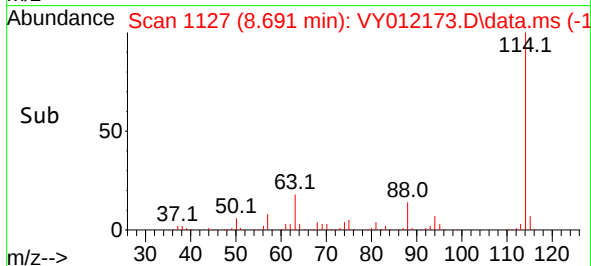
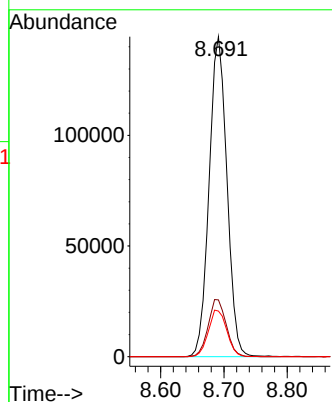
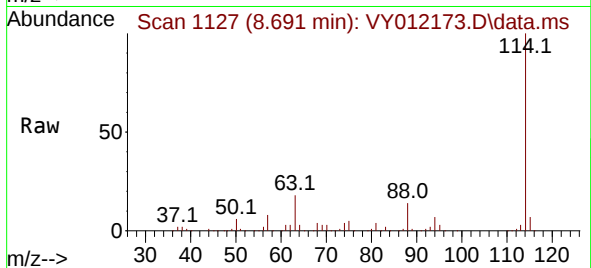
Tgt Ion:114 Resp: 282556

Ion Ratio Lower Upper

114 100

63 17.8 0.0 39.6

88 14.3 0.0 32.2



#35

Dibromofluoromethane

Concen: 50.562 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012173.D

Acq: 12 Jan 2023 13:13

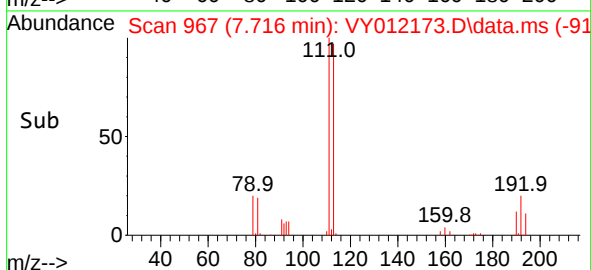
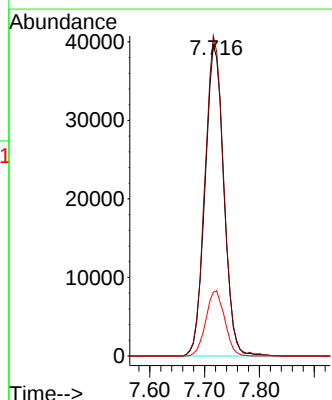
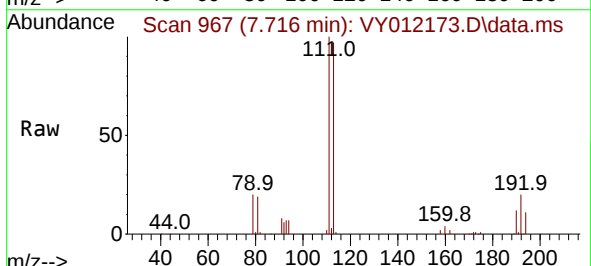
Tgt Ion:113 Resp: 93904

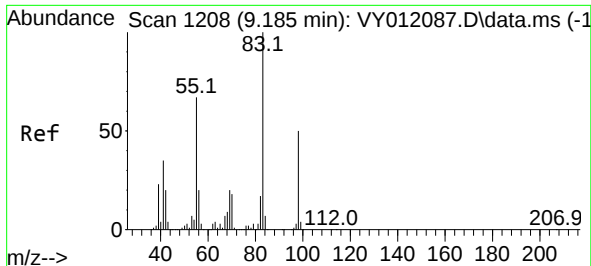
Ion Ratio Lower Upper

113 100

111 102.9 83.0 124.4

192 21.0 16.0 24.0





#39

Methylcyclohexane

Concen: 2.406 ug/l

RT: 9.185 min Scan# 1208

Delta R.T. 0.000 min

Lab File: VY012173.D

Acq: 12 Jan 2023 13:13

Instrument :

MSVOA_Y

ClientSampleId :

B-04-SB01

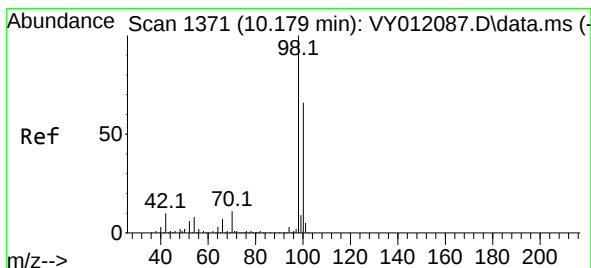
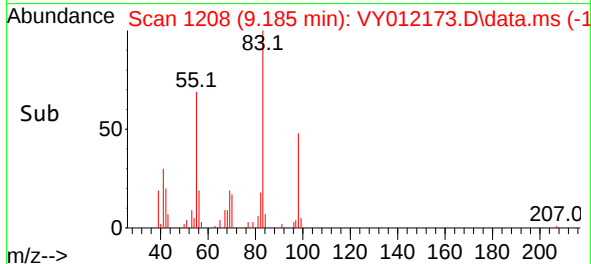
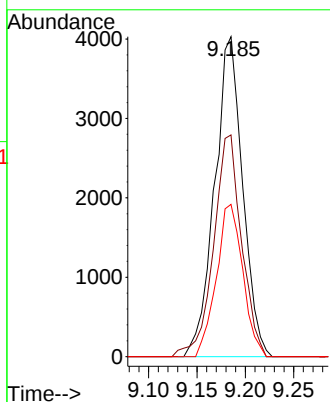
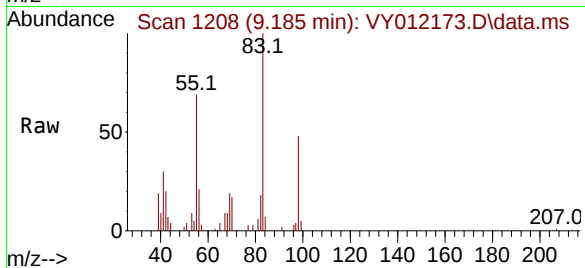
Tgt Ion: 83 Resp: 8100

Ion Ratio Lower Upper

83 100

55 69.3 58.2 87.2

98 47.6 38.6 58.0



#50

Toluene-d8

Concen: 40.358 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012173.D

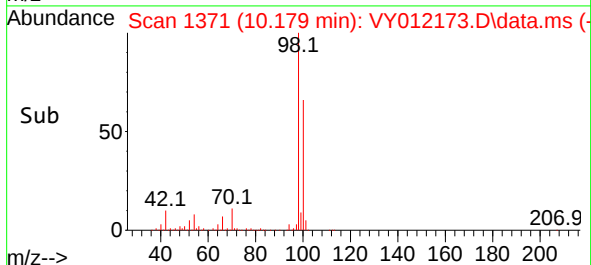
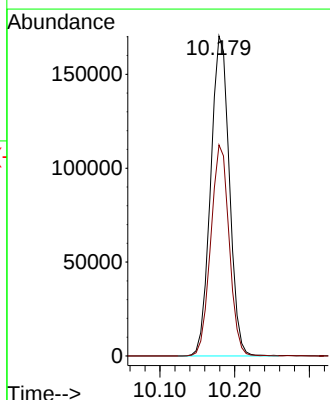
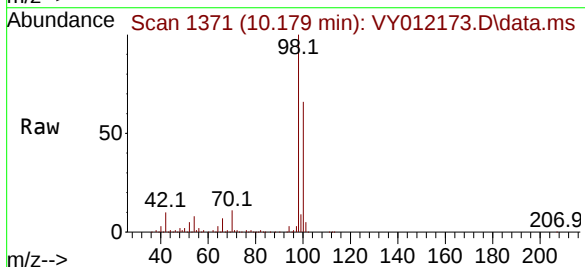
Acq: 12 Jan 2023 13:13

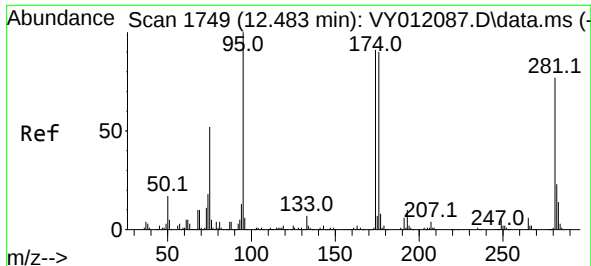
Tgt Ion: 98 Resp: 295842

Ion Ratio Lower Upper

98 100

100 65.0 51.9 77.9

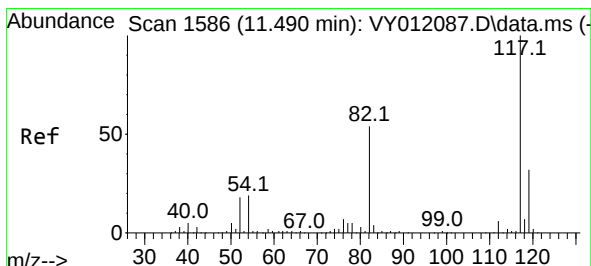
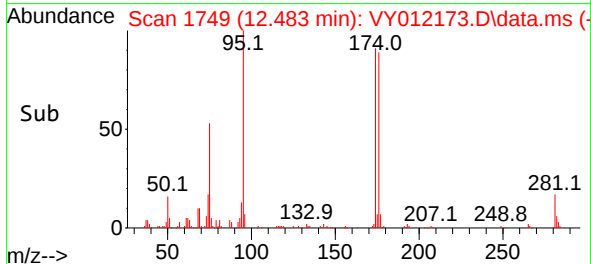
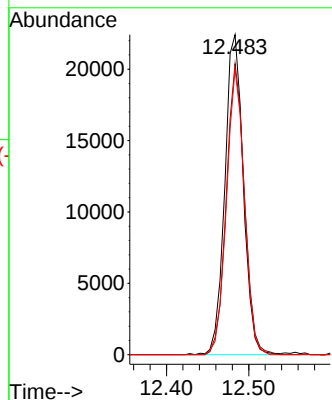
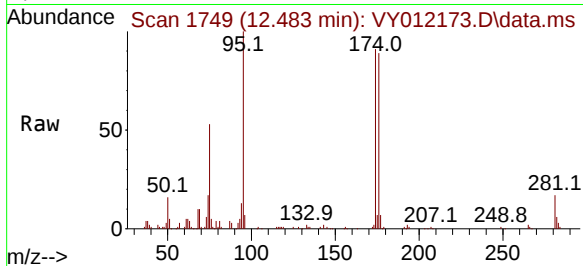




#62
4-Bromofluorobenzene
Concen: 13.682 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012173.D
Acq: 12 Jan 2023 13:13

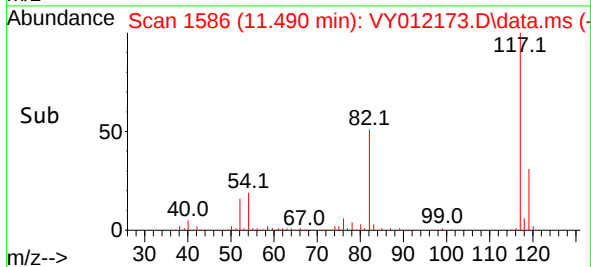
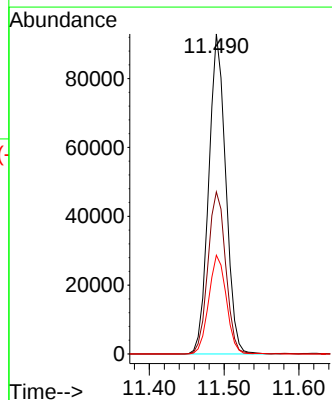
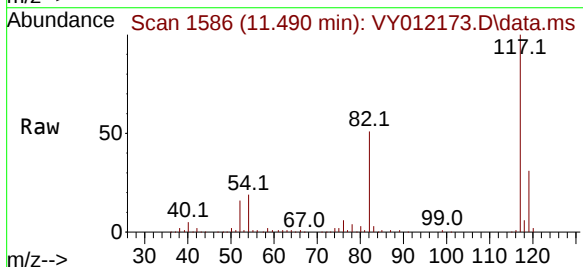
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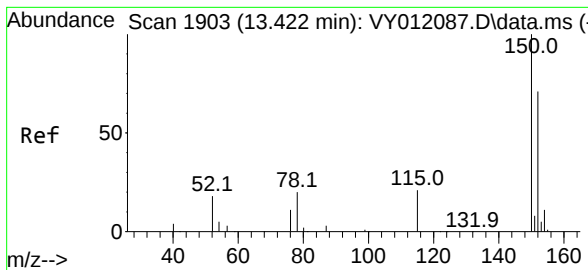
Tgt Ion: 95 Resp: 35056
Ion Ratio Lower Upper
95 100
174 89.5 0.0 172.0
176 86.5 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012173.D
Acq: 12 Jan 2023 13:13

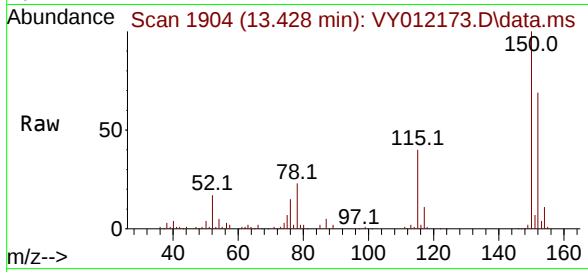
Tgt Ion: 117 Resp: 147087
Ion Ratio Lower Upper
117 100
82 50.6 44.8 67.2
119 30.9 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY012173.D
 Acq: 12 Jan 2023 13:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-04-SB01



Tgt Ion:	152	Resp:	27828
Ion	Ratio	Lower	Upper
152	100		
115	56.6	29.1	87.3
150	152.8	0.0	342.6

