

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121623\
 Data File : VY016671.D
 Acq On : 16 Dec 2023 16:03
 Operator : SY/MD
 Sample : 05793-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-12122023

Quant Time: Dec 18 00:41:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121523S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 16 00:39:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	12199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	16722	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	9351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	1293	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	2902	29.244	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	58.480%
35) Dibromofluoromethane	7.722	113	3202	35.699	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	71.400%
50) Toluene-d8	10.185	98	16690	47.311	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.620%
62) 4-Bromofluorobenzene	12.489	95	1858	16.164	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	32.320%

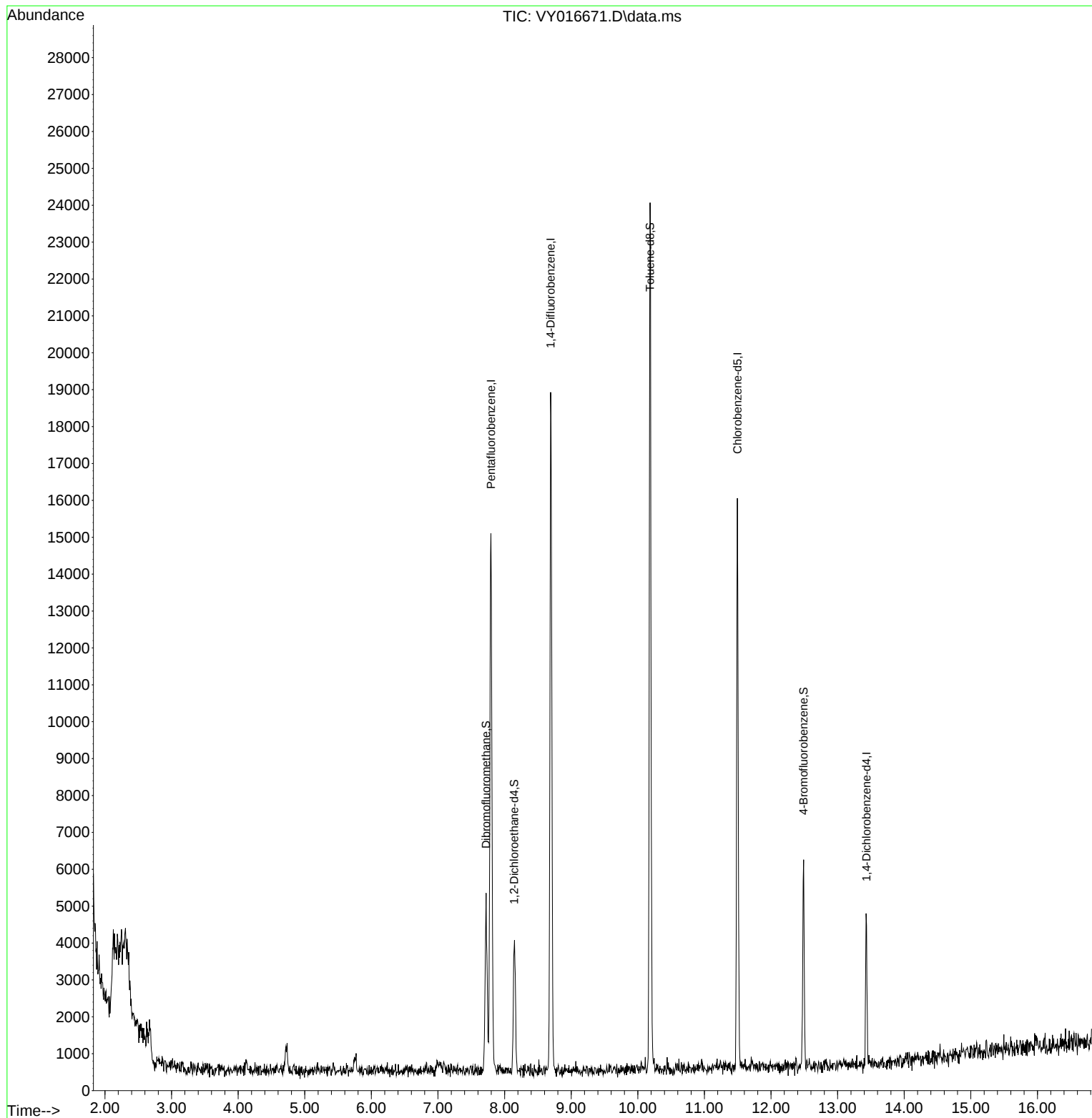
Target Compounds	Qvalue

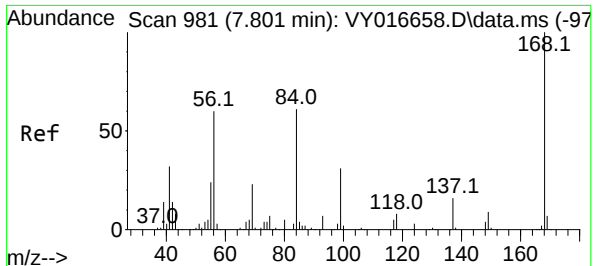
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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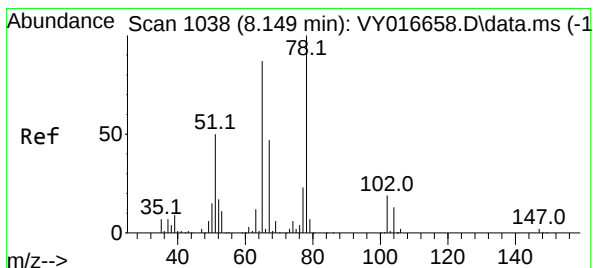
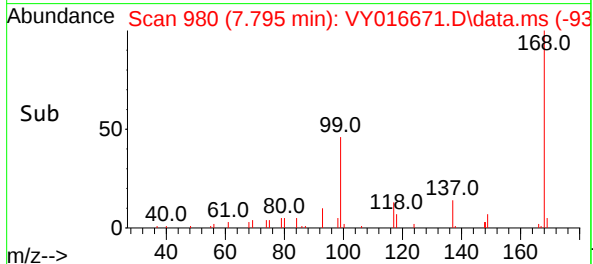
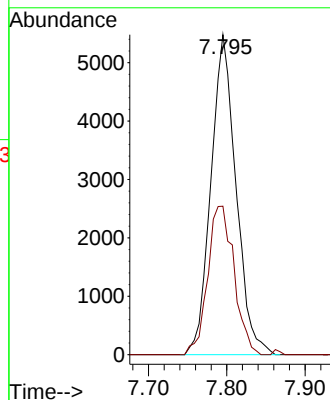
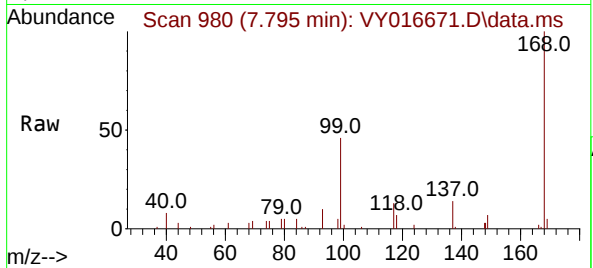




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY016671.D
Acq: 16 Dec 2023 16:03

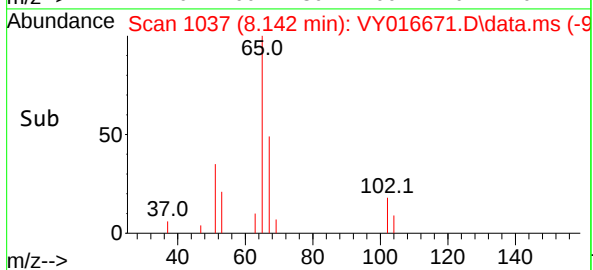
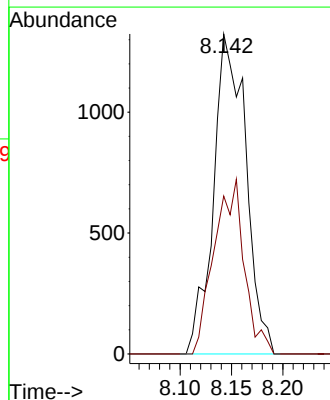
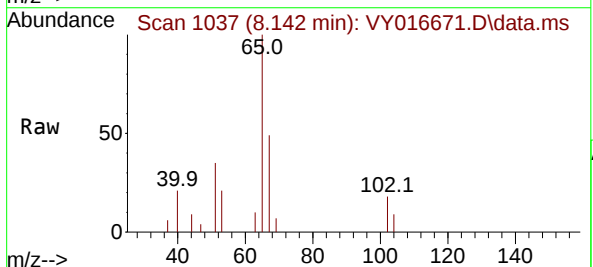
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-12122023

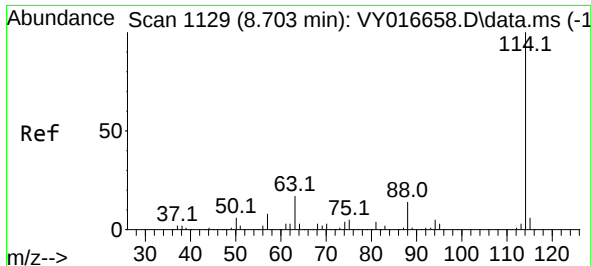
Tgt Ion:168 Resp: 12199
Ion Ratio Lower Upper
168 100
99 46.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 29.244 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.007 min
Lab File: VY016671.D
Acq: 16 Dec 2023 16:03

Tgt Ion: 65 Resp: 2902
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.012 min

Lab File: VY016671.D

Acq: 16 Dec 2023 16:03

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-12122023

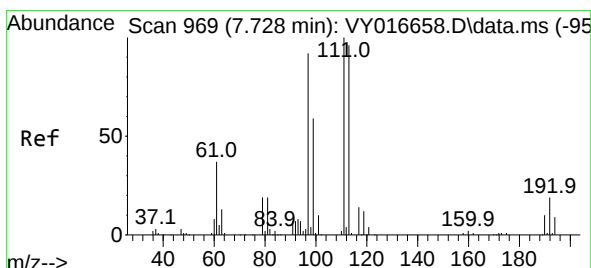
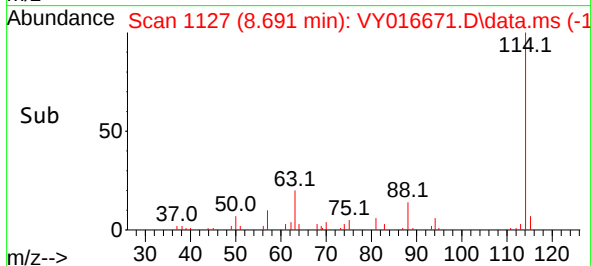
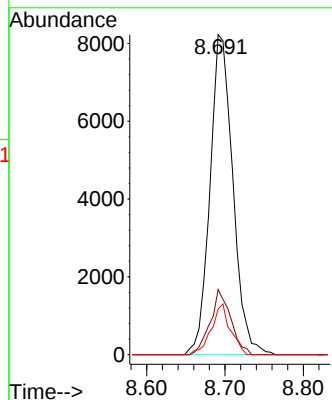
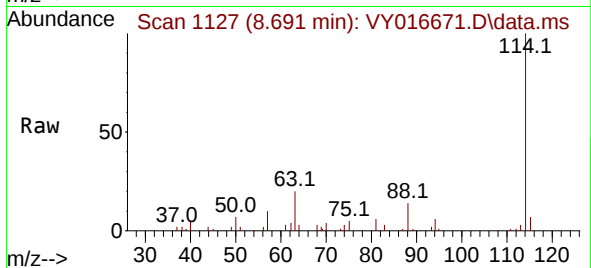
Tgt Ion:114 Resp: 16722

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.4

88 14.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 35.699 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY016671.D

Acq: 16 Dec 2023 16:03

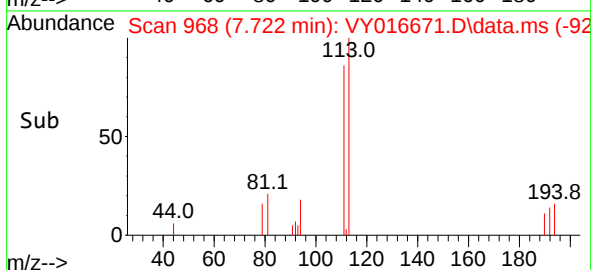
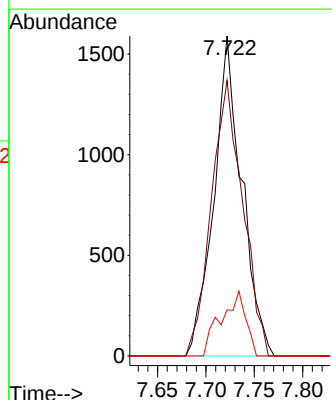
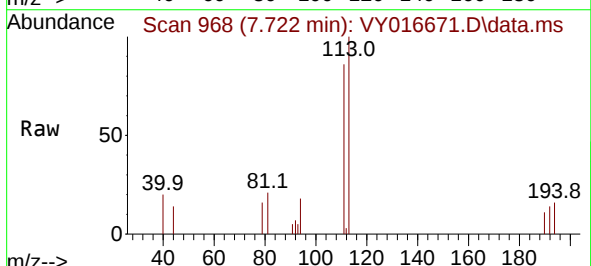
Tgt Ion:113 Resp: 3202

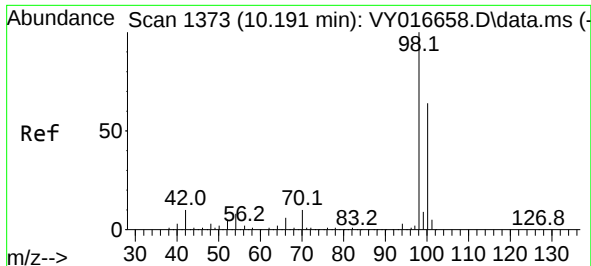
Ion Ratio Lower Upper

113 100

111 96.3 81.3 121.9

192 17.9 16.9 25.3

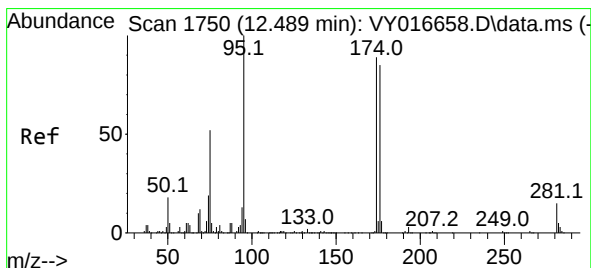
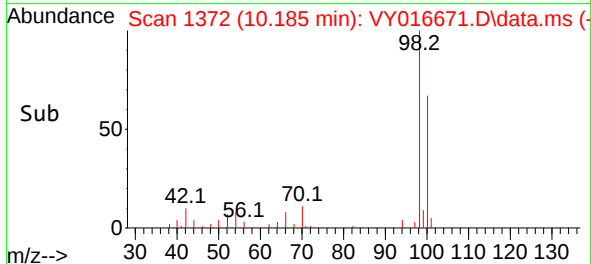
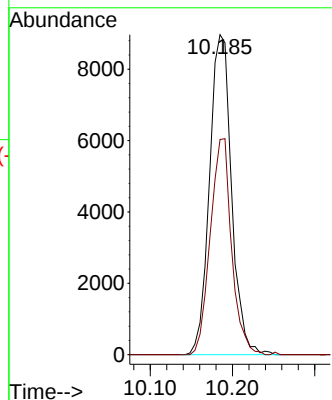
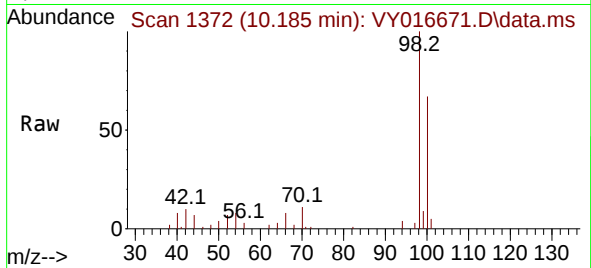




#50
Toluene-d8
Concen: 47.311 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016671.D
Acq: 16 Dec 2023 16:03

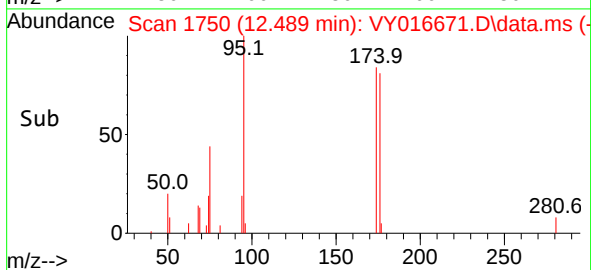
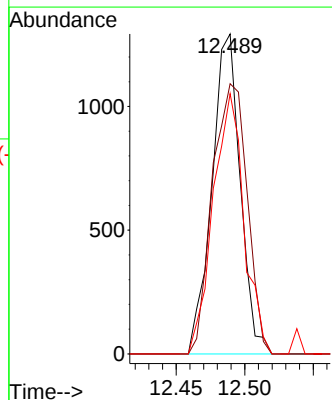
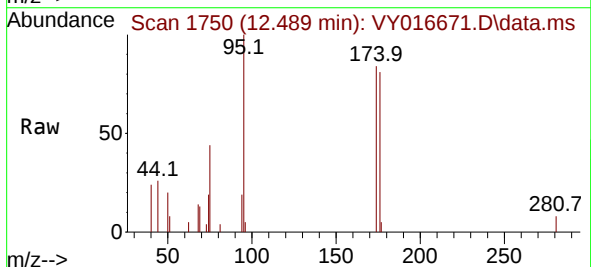
Instrument :
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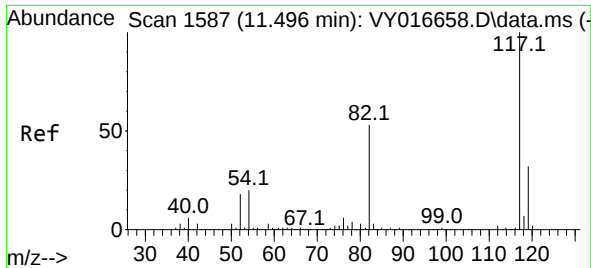
Tgt Ion: 98 Resp: 16690
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 16.164 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016671.D
Acq: 16 Dec 2023 16:03

Tgt Ion: 95 Resp: 1858
Ion Ratio Lower Upper
95 100
174 103.6 0.0 178.2
176 88.4 0.0 173.8

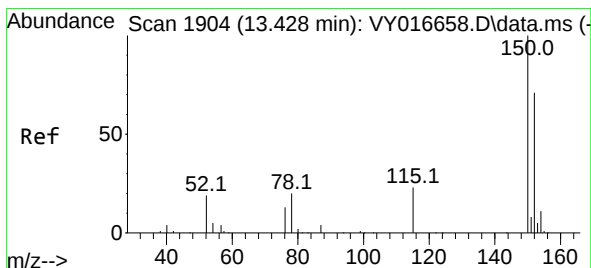
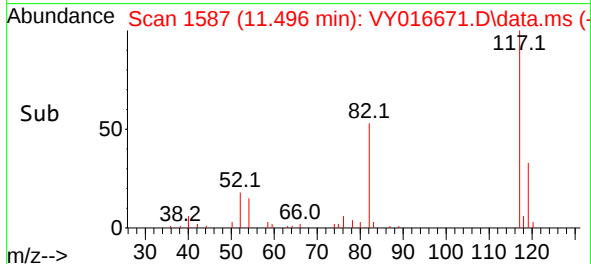
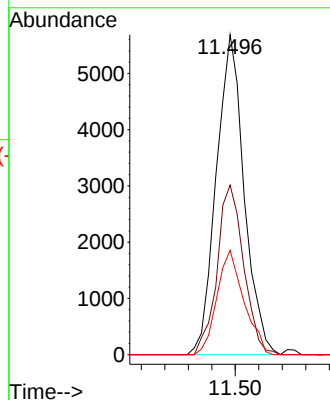
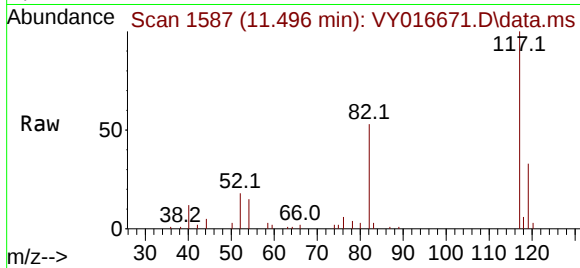




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016671.D
Acq: 16 Dec 2023 16:03

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-12122023

Tgt Ion:117	Resp:	9351
Ion	Ratio	Lower Upper
117	100	
82	53.0	43.4 65.0
119	32.6	26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY016671.D
Acq: 16 Dec 2023 16:03

Tgt Ion:152	Resp:	1293
Ion	Ratio	Lower Upper
152	100	
115	45.3	28.8 86.5
150	157.6	0.0 348.8

