

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101323\
 Data File : VY015952.D
 Acq On : 13 Oct 2023 12:57
 Operator : SY/MD
 Sample : 04858-07
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-3

Quant Time: Oct 14 01:49:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	148280	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	253681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	239704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	113864	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	97984	57.900	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.800%
35) Dibromofluoromethane	7.716	113	85362	53.449	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.900%
50) Toluene-d8	10.179	98	302426	50.566	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.140%
62) 4-Bromofluorobenzene	12.483	95	104649	49.138	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.280%

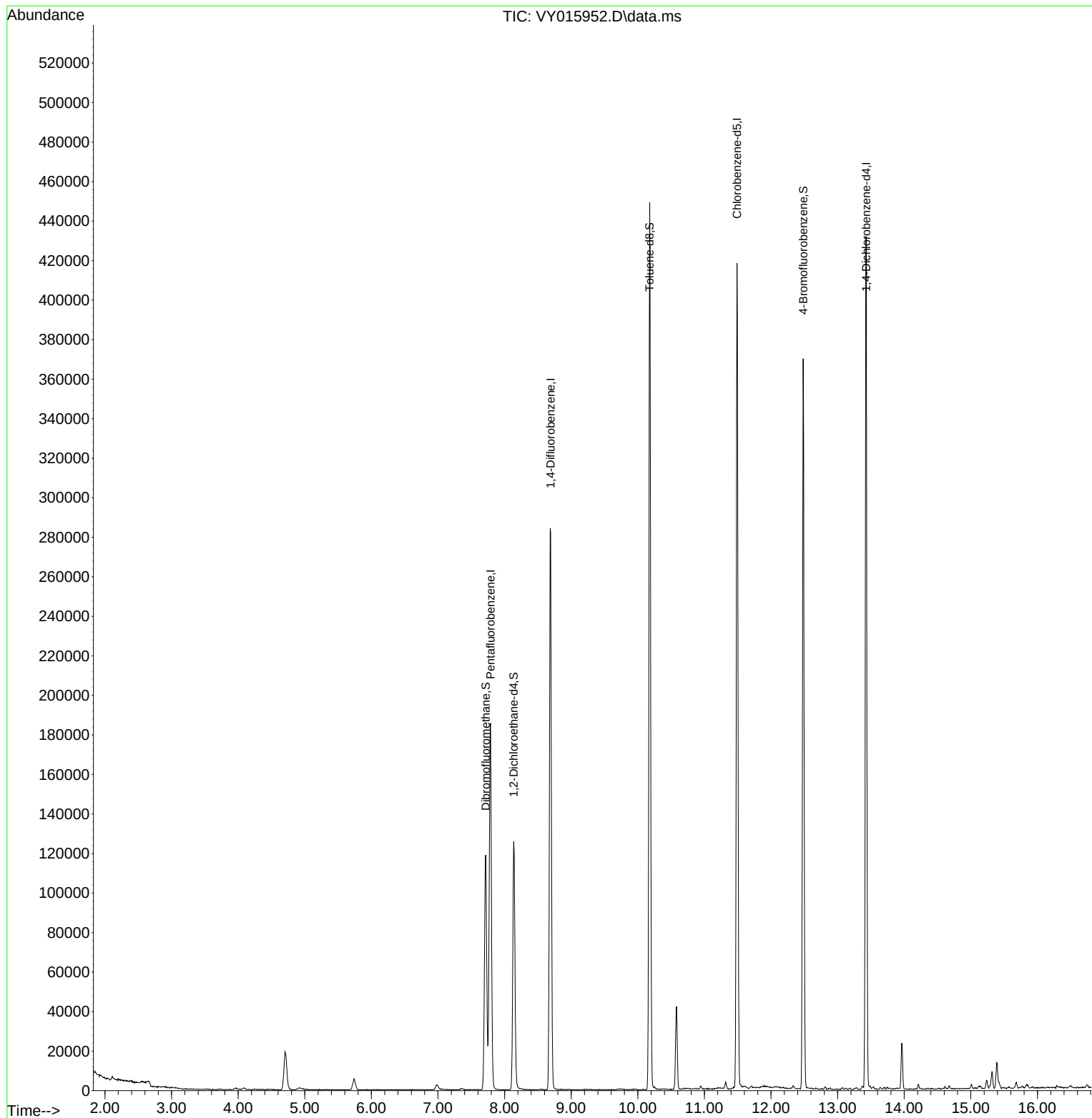
Target Compounds	Qvalue

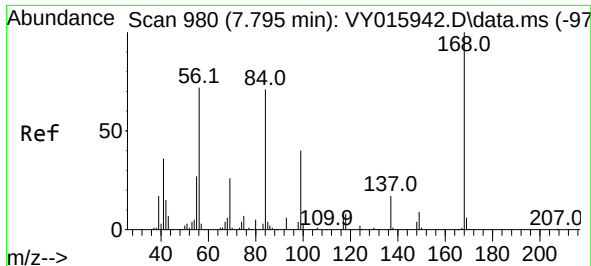
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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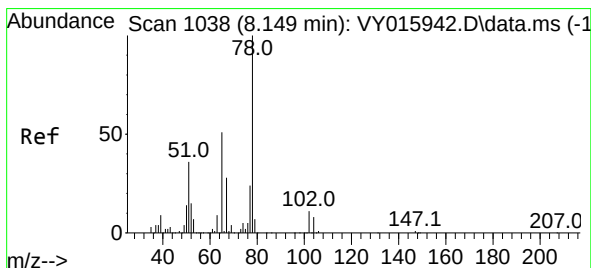
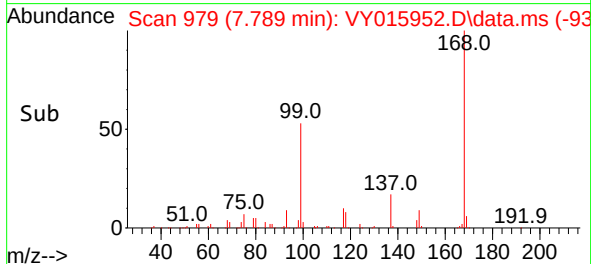
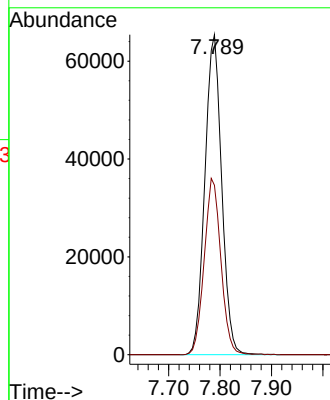
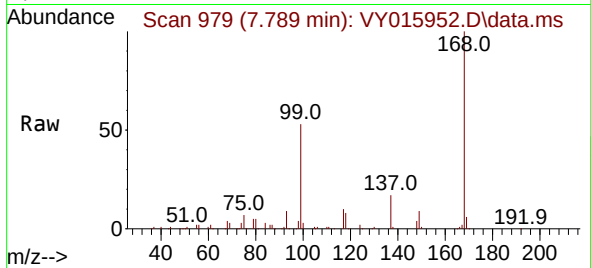




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015952.D
Acq: 13 Oct 2023 12:57

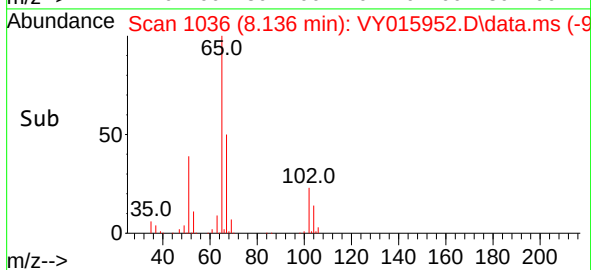
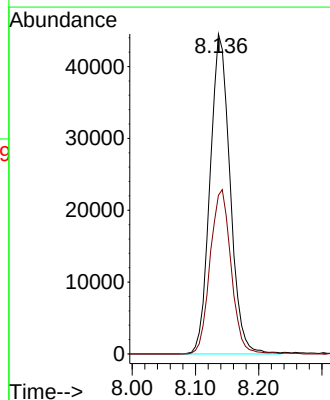
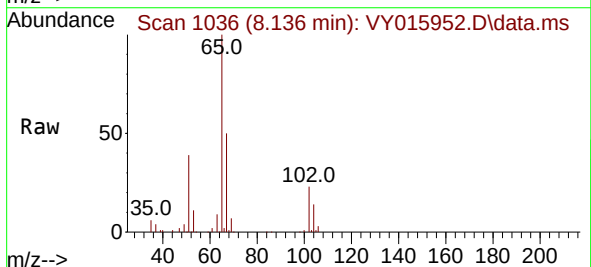
Instrument :
MSVOA_Y
ClientSampleId :
WC-3

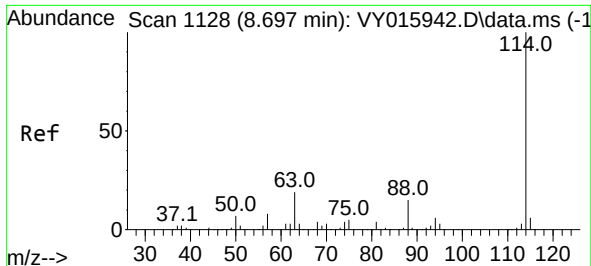
Tgt Ion:168 Resp: 148280
Ion Ratio Lower Upper
168 100
99 53.0 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 57.900 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VY015952.D
Acq: 13 Oct 2023 12:57

Tgt Ion: 65 Resp: 97984
Ion Ratio Lower Upper
65 100
67 53.6 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY015952.D

Acq: 13 Oct 2023 12:57

Instrument :

MSVOA_Y

ClientSampleId :

WC-3

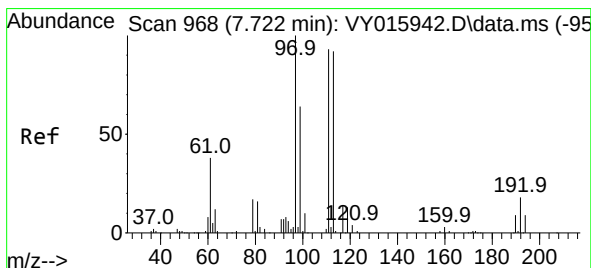
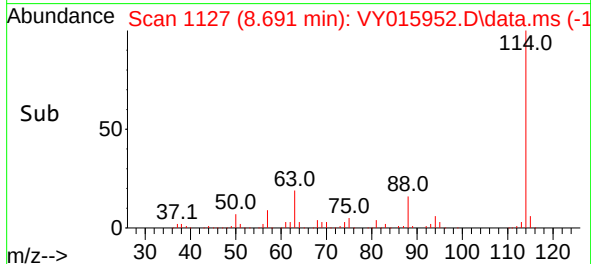
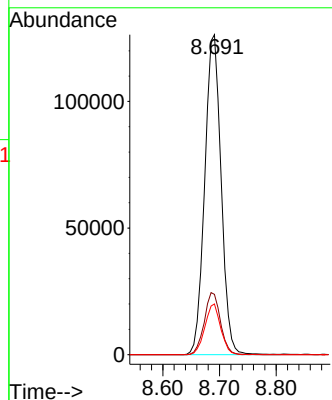
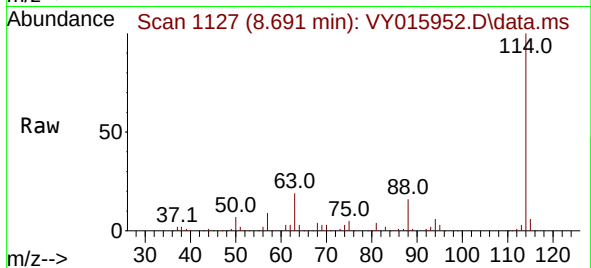
Tgt Ion:114 Resp: 253681

Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 15.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.449 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY015952.D

Acq: 13 Oct 2023 12:57

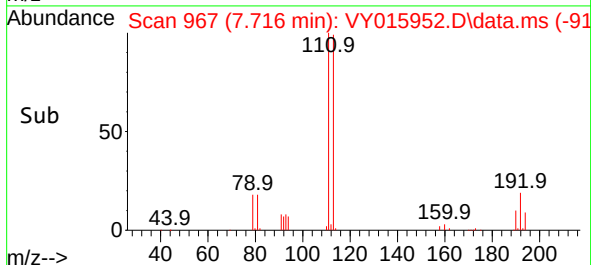
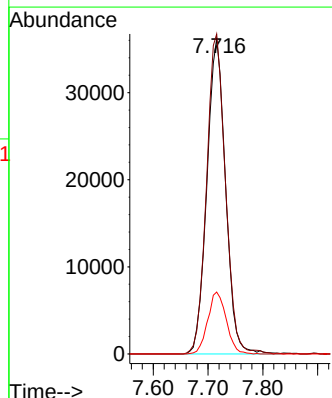
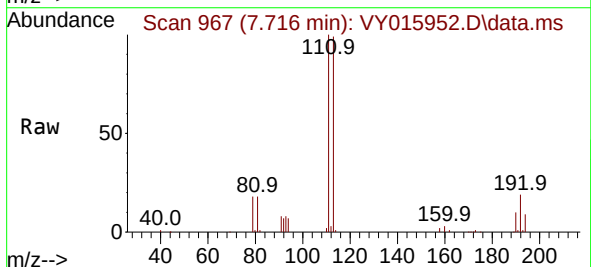
Tgt Ion:113 Resp: 85362

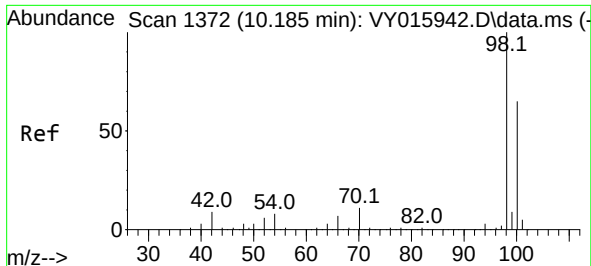
Ion Ratio Lower Upper

113 100

111 102.5 81.3 121.9

192 19.5 16.9 25.3

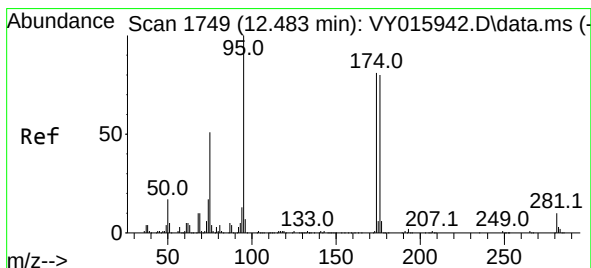
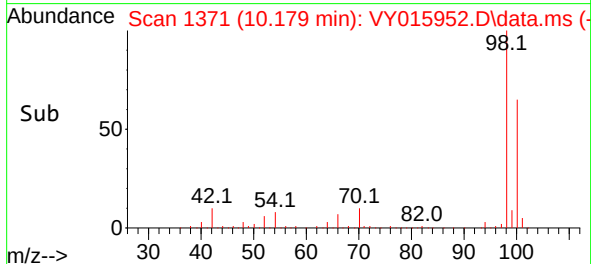
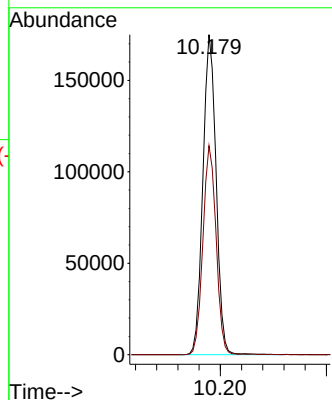
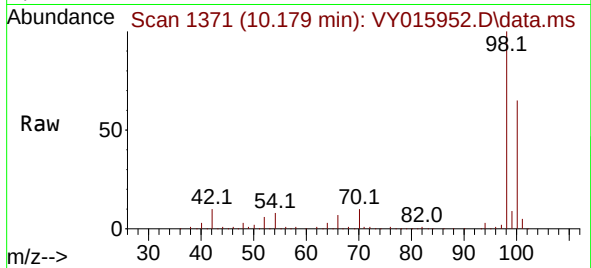




#50
Toluene-d8
Concen: 50.566 ug/l
RT: 10.179 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY015952.D
Acq: 13 Oct 2023 12:57

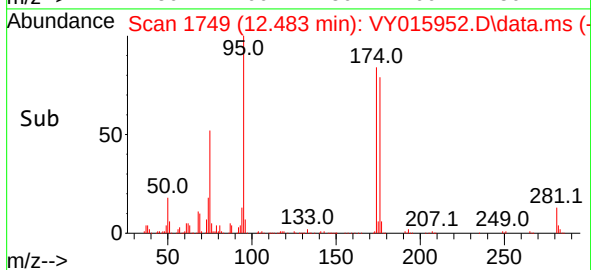
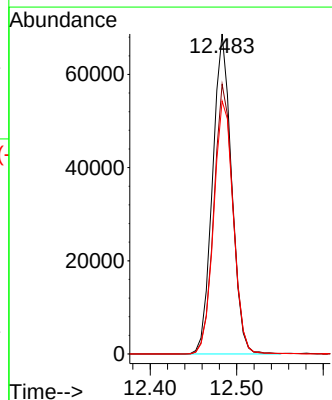
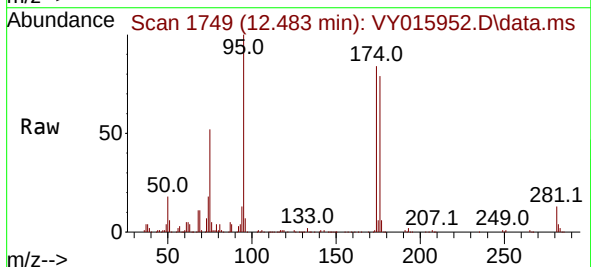
Instrument :
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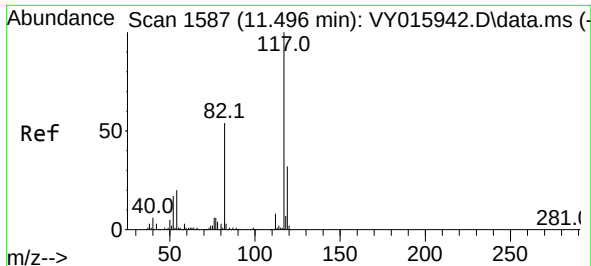
Tgt Ion: 98 Resp: 302426
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.138 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY015952.D
Acq: 13 Oct 2023 12:57

Tgt Ion: 95 Resp: 104649
Ion Ratio Lower Upper
95 100
174 84.8 0.0 178.2
176 81.5 0.0 173.8

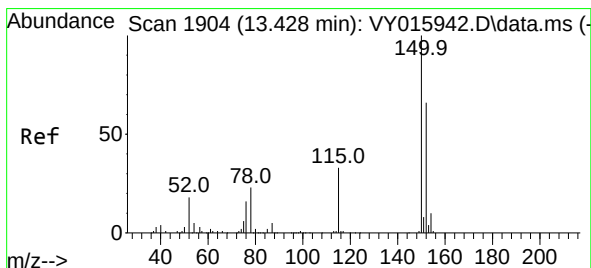
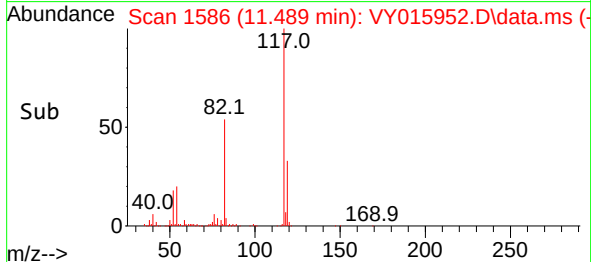
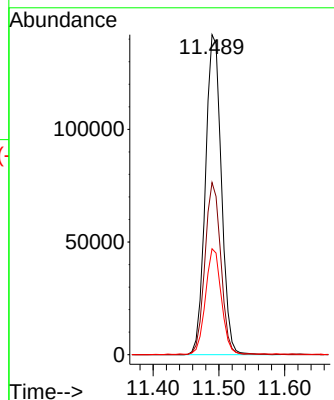
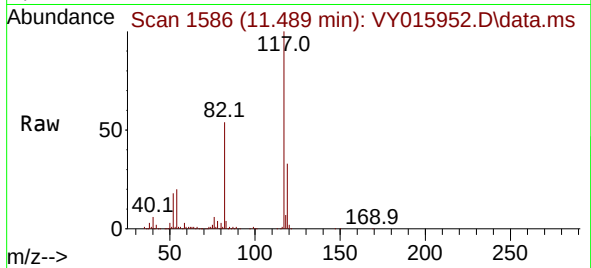




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015952.D
Acq: 13 Oct 2023 12:57

Instrument :
MSVOA_Y
ClientSampleId :
WC-3

Tgt Ion:117 Resp: 239704
Ion Ratio Lower Upper
117 100
82 53.8 43.4 65.0
119 32.9 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY015952.D
Acq: 13 Oct 2023 12:57

Tgt Ion:152 Resp: 113864
Ion Ratio Lower Upper
152 100
115 58.1 28.8 86.5
150 157.2 0.0 348.8

