

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060723\
 Data File : VY014068.D
 Acq On : 07 Jun 2023 18:26
 Operator : KP/MD
 Sample : 03044-06RE
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-5.0-7.0RE

Quant Time: Jun 08 02:34:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	73579	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	102473	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	78940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	28772	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	27972	28.718	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	57.440%
35) Dibromofluoromethane	7.722	113	30344	46.595	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.200%
50) Toluene-d8	10.179	98	119183	47.979	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.960%
62) 4-Bromofluorobenzene	12.483	95	26211	30.951	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	61.900%

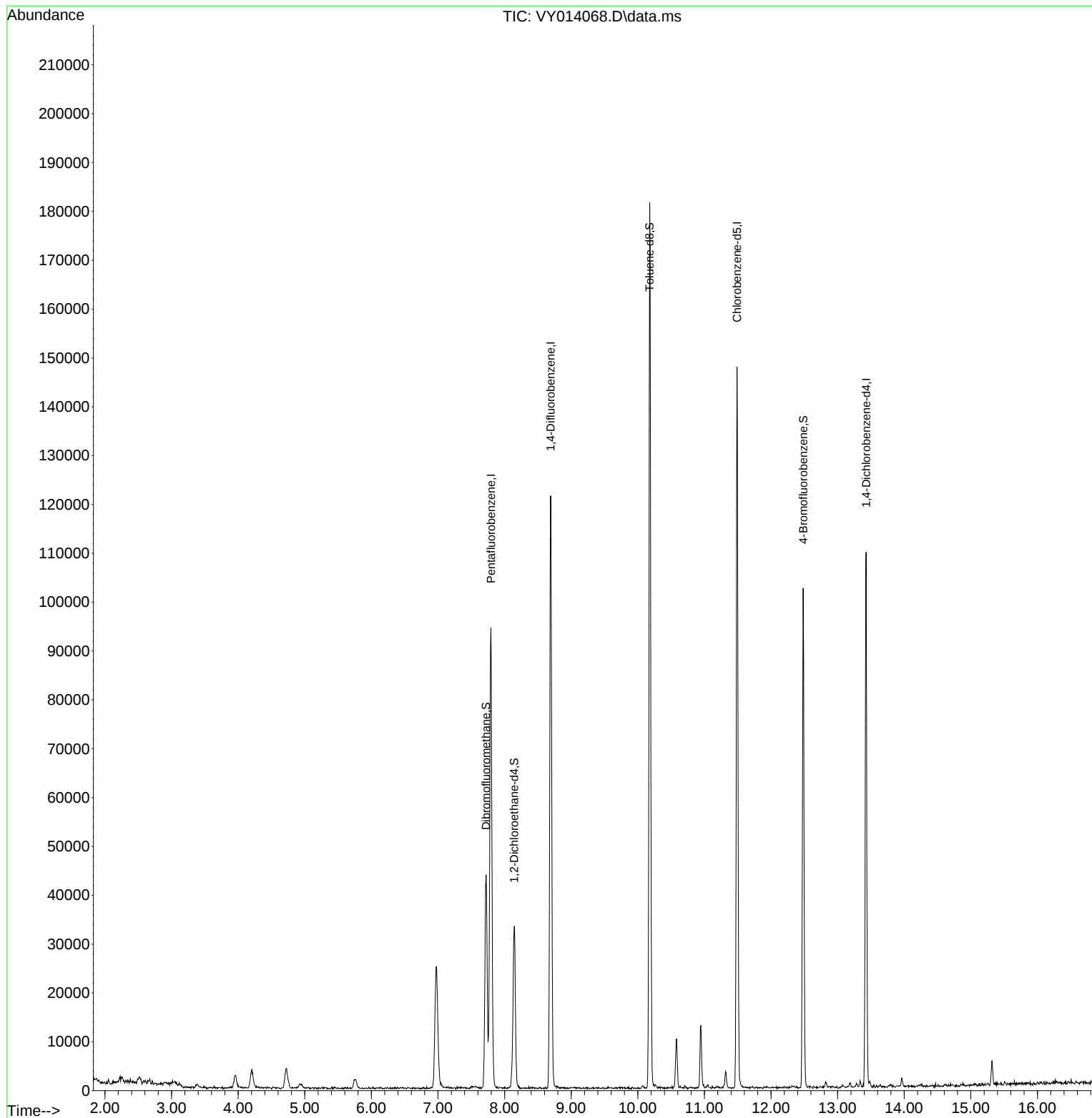
Target Compounds	Qvalue

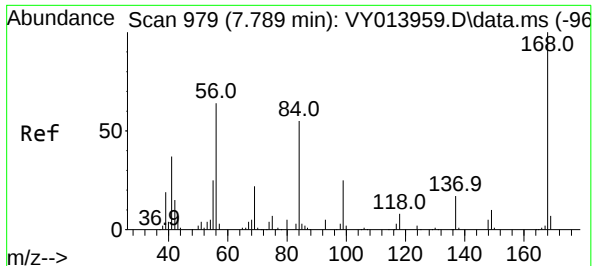
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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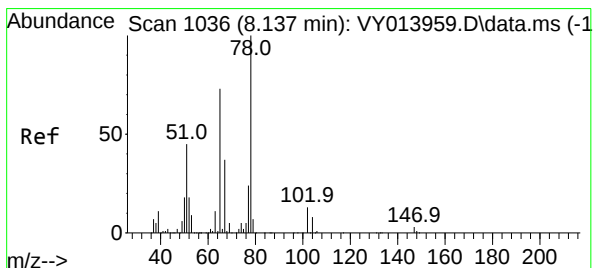
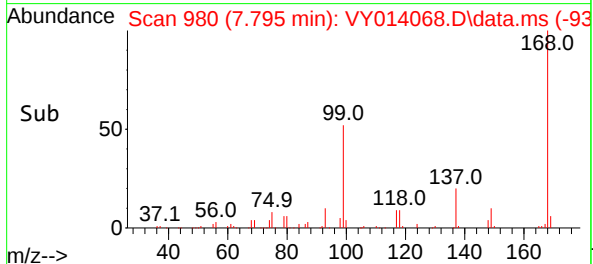
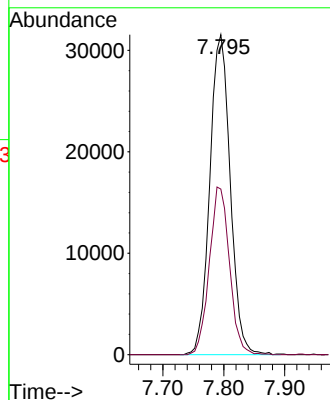
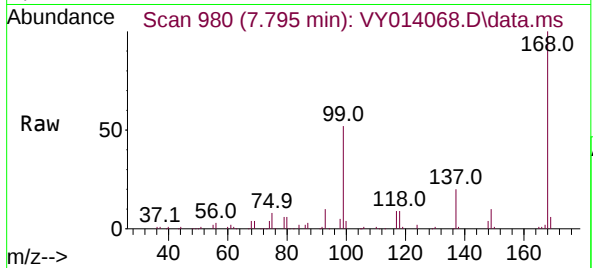




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014068.D
Acq: 07 Jun 2023 18:26

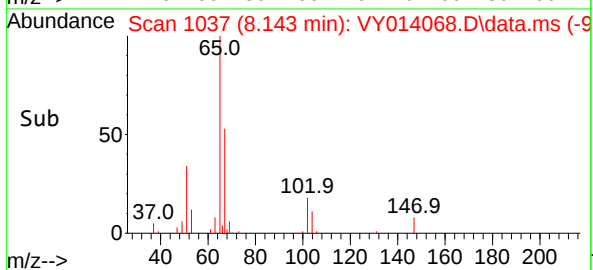
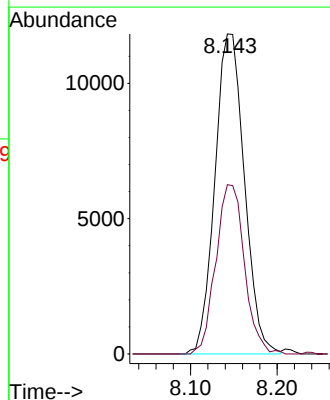
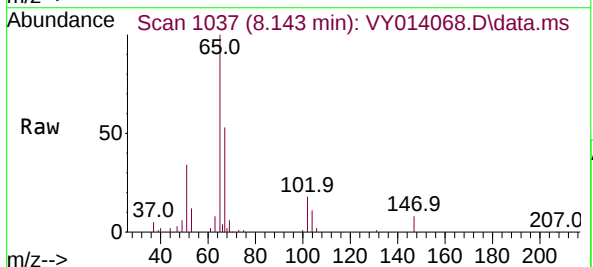
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-5.0-7.0RE

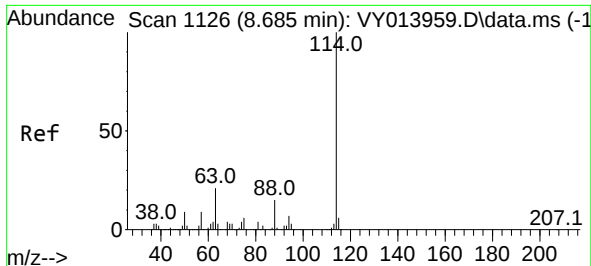
Tgt Ion:168 Resp: 73579
Ion Ratio Lower Upper
168 100
99 51.7 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 28.718 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014068.D
Acq: 07 Jun 2023 18:26

Tgt Ion: 65 Resp: 27972
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY014068.D

Acq: 07 Jun 2023 18:26

Instrument :

MSVOA_Y

ClientSampleId :

SB-03-5.0-7.0RE

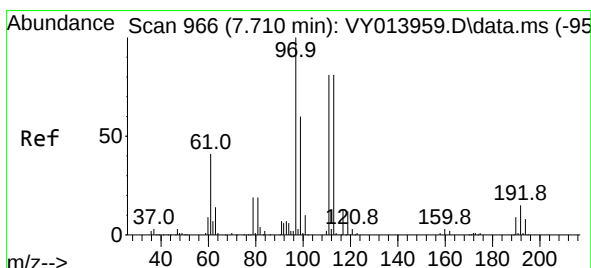
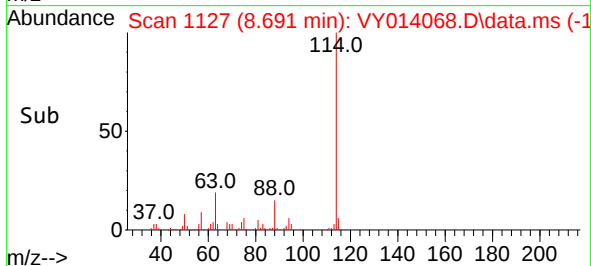
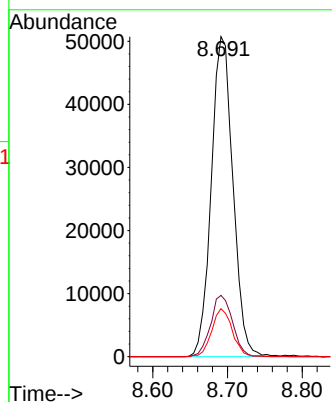
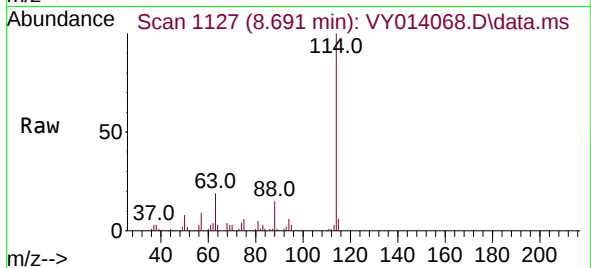
Tgt Ion:114 Resp: 102473

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 46.595 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.012 min

Lab File: VY014068.D

Acq: 07 Jun 2023 18:26

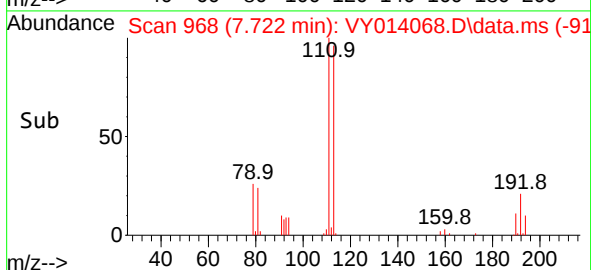
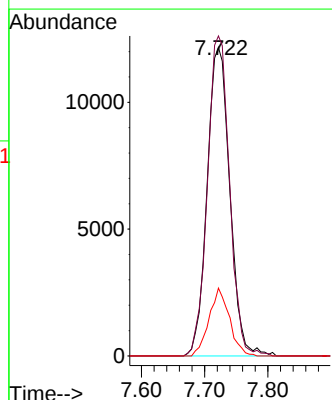
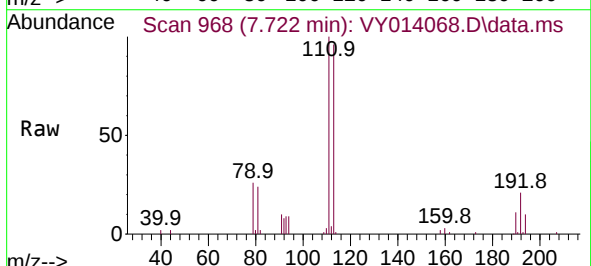
Tgt Ion:113 Resp: 30344

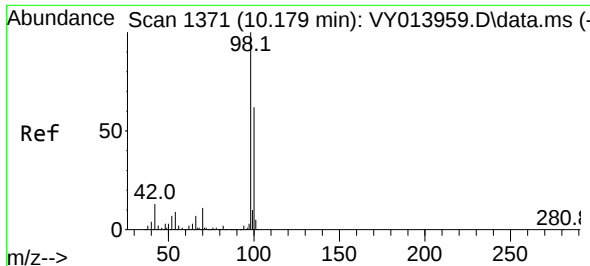
Ion Ratio Lower Upper

113 100

111 100.9 81.3 121.9

192 19.8 16.9 25.3

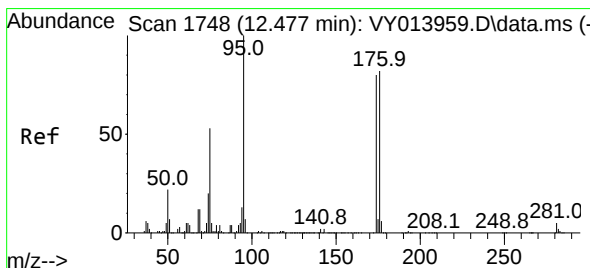
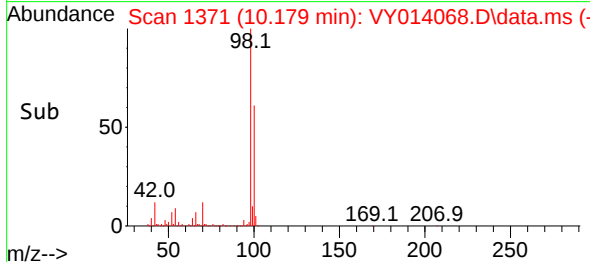
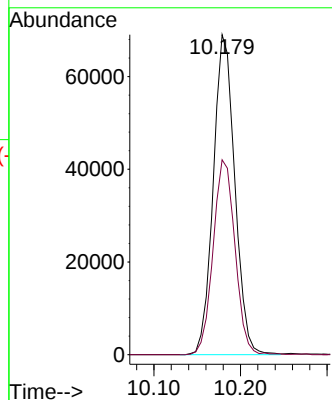
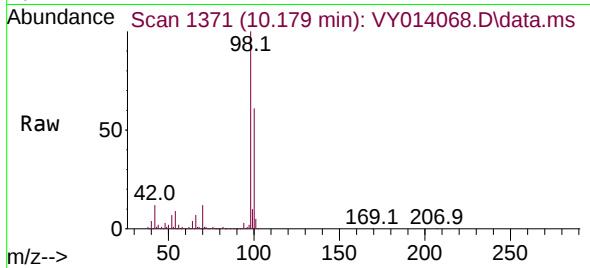




#50
Toluene-d8
Concen: 47.979 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014068.D
Acq: 07 Jun 2023 18:26

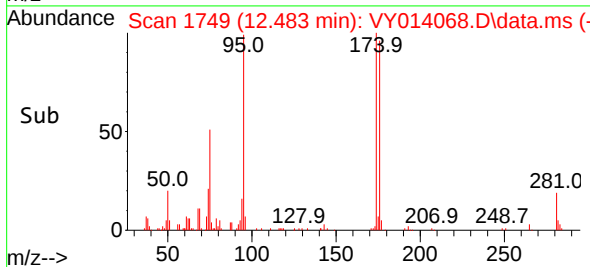
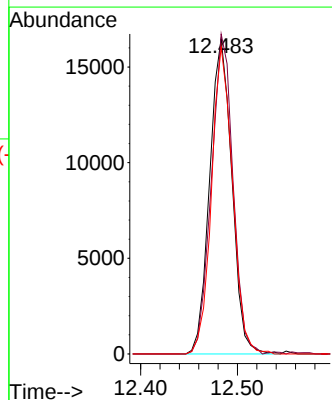
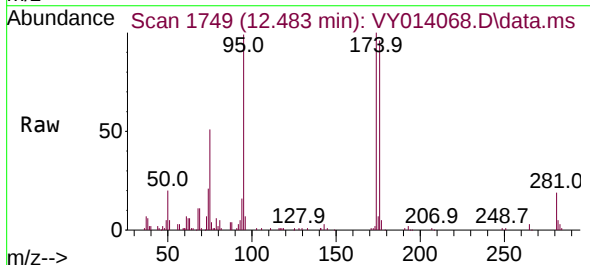
Instrument :
MSVOA_Y
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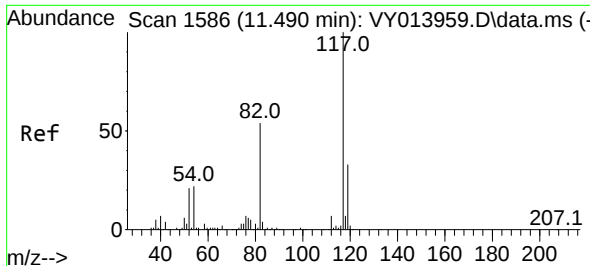
Tgt Ion: 98 Resp: 119183
Ion Ratio Lower Upper
98 100
100 62.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 30.951 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014068.D
Acq: 07 Jun 2023 18:26

Tgt Ion: 95 Resp: 26211
Ion Ratio Lower Upper
95 100
174 99.1 0.0 178.2
176 92.9 0.0 173.8

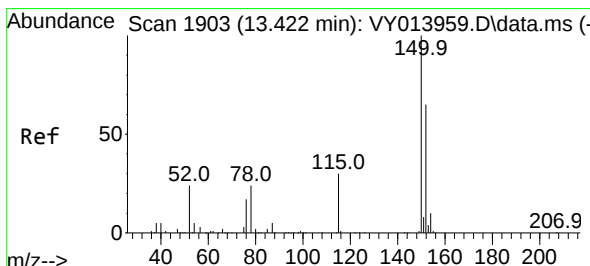
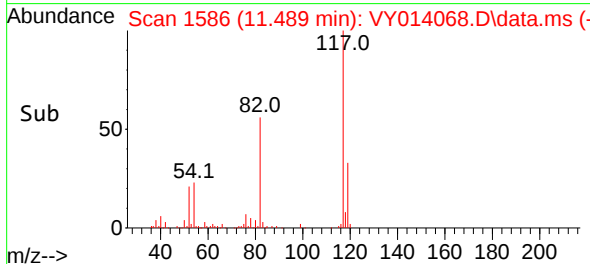
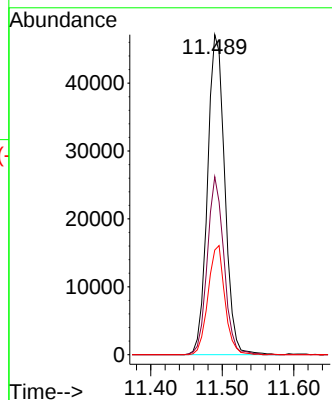
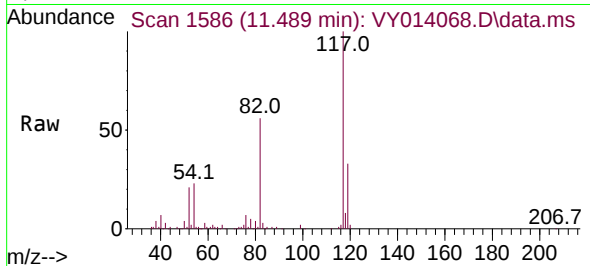




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014068.D
Acq: 07 Jun 2023 18:26

Instrument :
MSVOA_Y
ClientSampleId :
SB-03-5.0-7.0RE

Tgt Ion:	117	Resp:	78940
Ion	Ratio	Lower	Upper
117	100		
82	55.6	43.4	65.0
119	32.7	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY014068.D
Acq: 07 Jun 2023 18:26

Tgt Ion:	152	Resp:	28772
Ion	Ratio	Lower	Upper
152	100		
115	54.9	28.8	86.5
150	157.7	0.0	348.8

