

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060523\
 Data File : VY014009.D
 Acq On : 05 Jun 2023 15:56
 Operator : KP/MD
 Sample : 03004-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-060123

Quant Time: Jun 06 03:56:19 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	7.783	168	164192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	283825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	298031	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	137516	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	124471	57.267	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.540%
35) Dibromofluoromethane	7.716	113	99499	55.163	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.320%
50) Toluene-d8	10.179	98	349888	50.854	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.700%
62) 4-Bromofluorobenzene	12.477	95	123265	52.551	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.100%

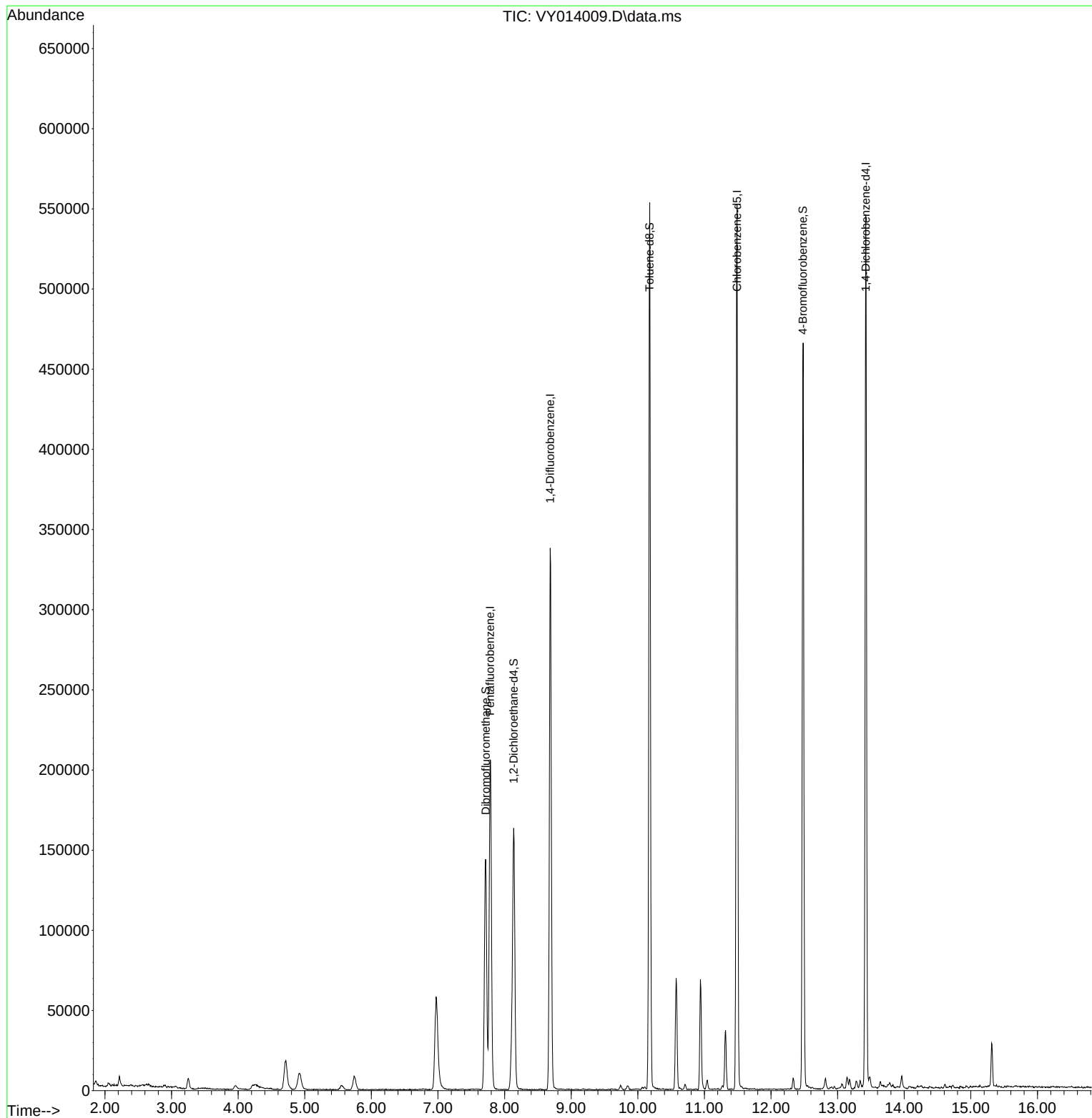
Target Compounds	Qvalue

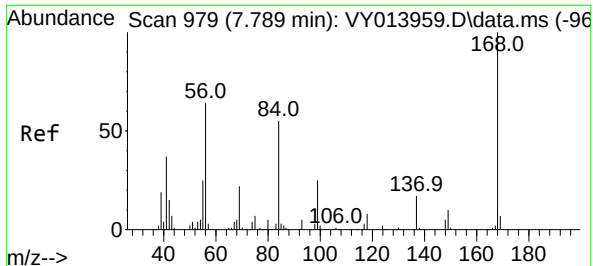
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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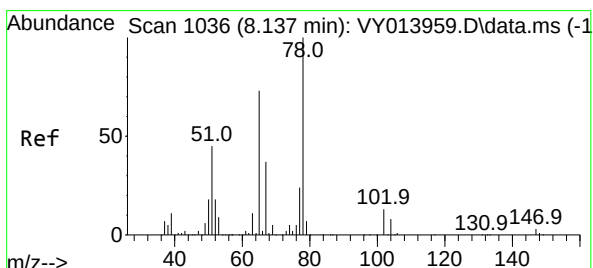
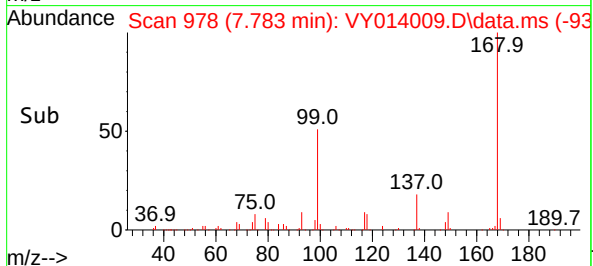
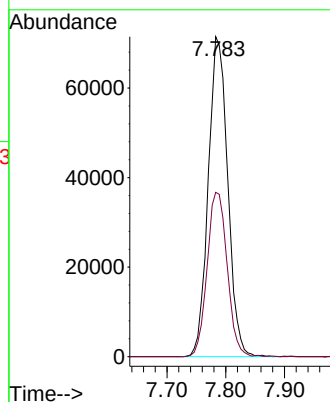
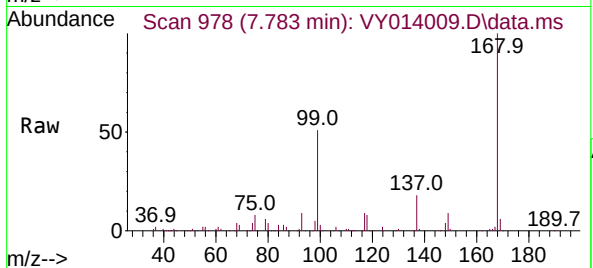




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014009.D
Acq: 05 Jun 2023 15:56

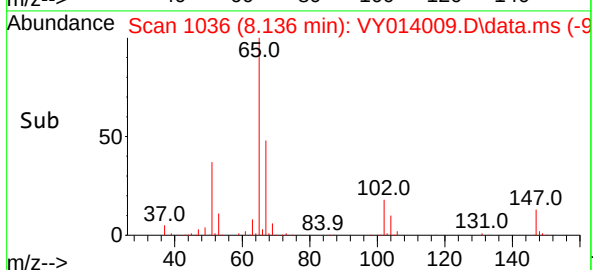
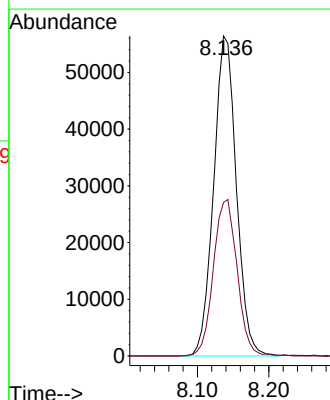
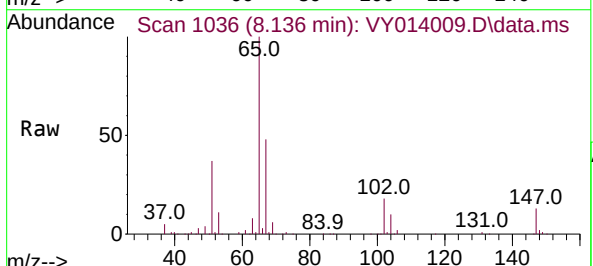
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-060123

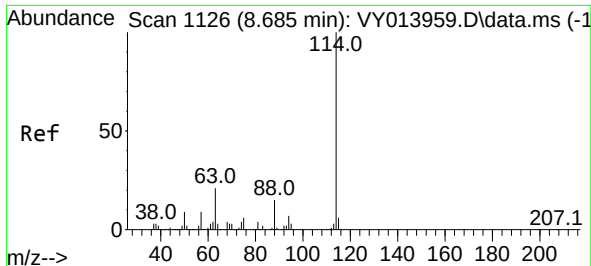
Tgt Ion:168 Resp: 164192
Ion Ratio Lower Upper
168 100
99 51.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 57.267 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY014009.D
Acq: 05 Jun 2023 15:56

Tgt Ion: 65 Resp: 124471
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014009.D

Acq: 05 Jun 2023 15:56

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-060123

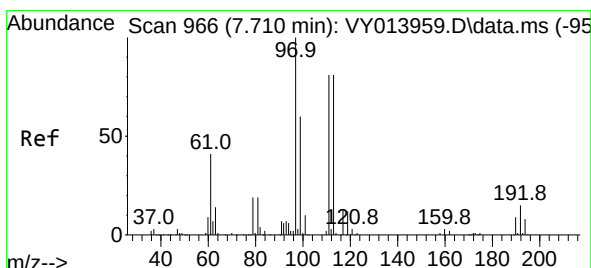
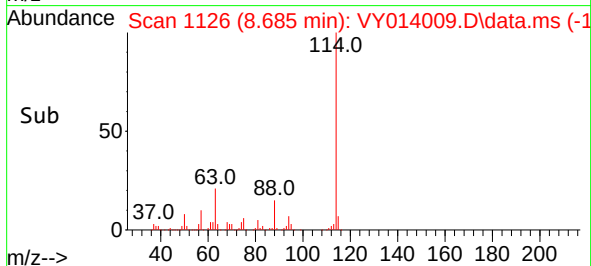
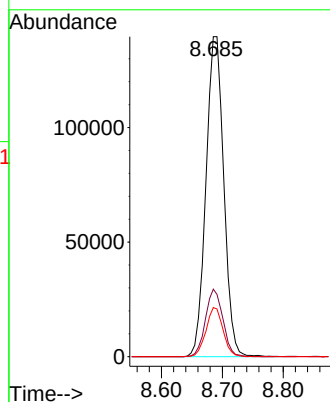
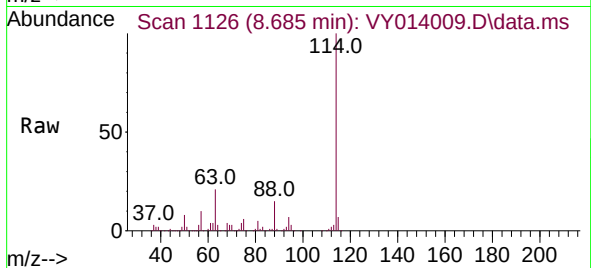
Tgt Ion:114 Resp: 283825

Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.163 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY014009.D

Acq: 05 Jun 2023 15:56

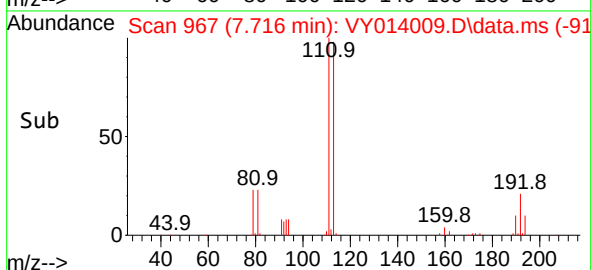
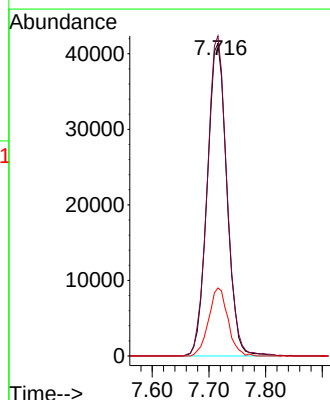
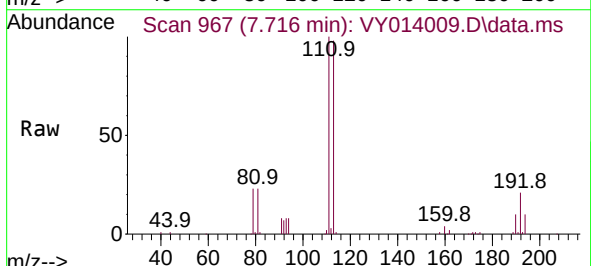
Tgt Ion:113 Resp: 99499

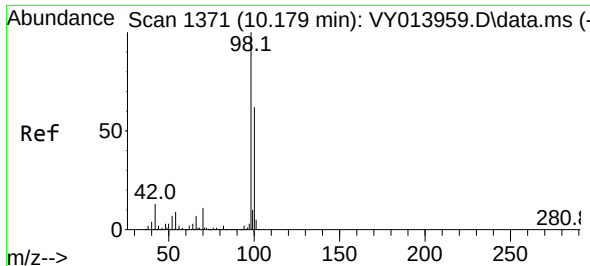
Ion Ratio Lower Upper

113 100

111 102.2 81.3 121.9

192 21.3 16.9 25.3

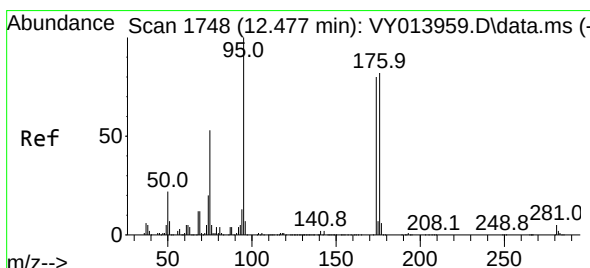
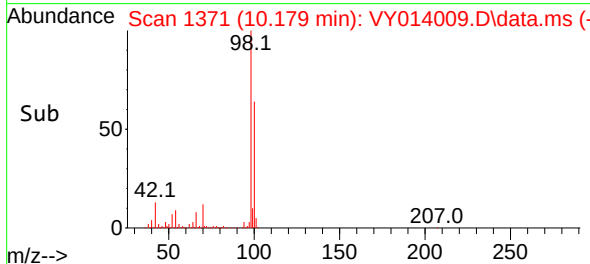
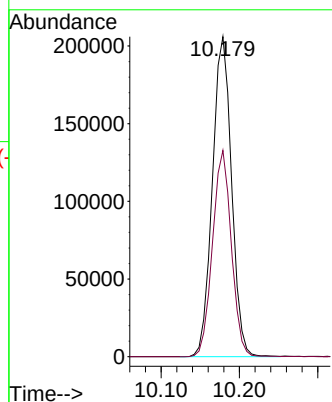
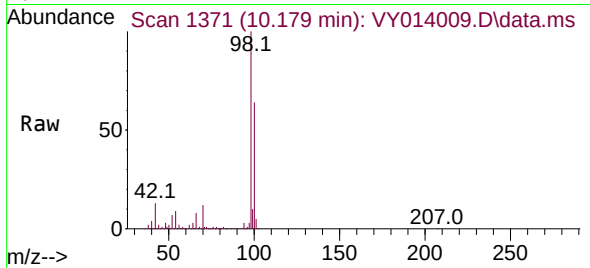




#50
Toluene-d8
Concen: 50.854 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014009.D
Acq: 05 Jun 2023 15:56

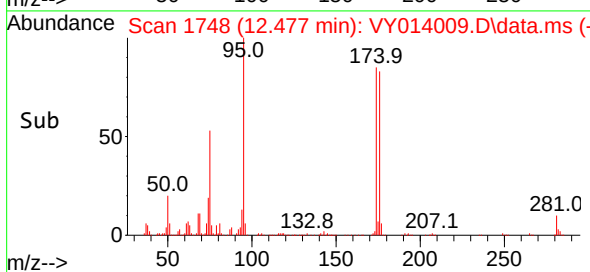
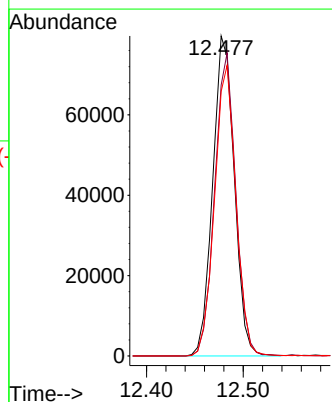
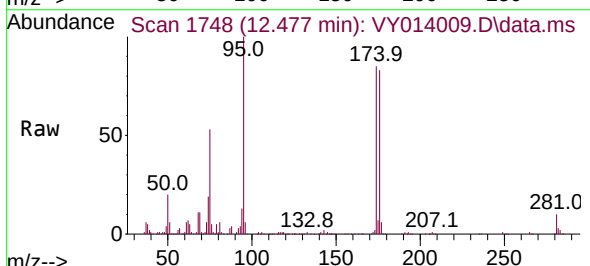
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-060123

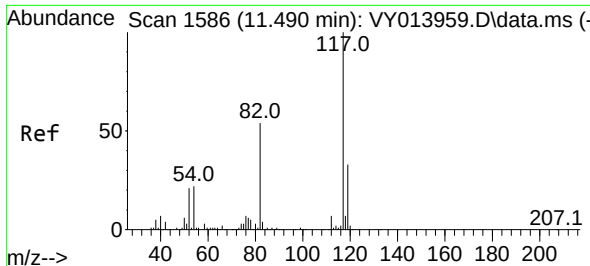
Tgt Ion: 98 Resp: 349888
Ion Ratio Lower Upper
98 100
100 63.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 52.551 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY014009.D
Acq: 05 Jun 2023 15:56

Tgt Ion: 95 Resp: 123265
Ion Ratio Lower Upper
95 100
174 92.4 0.0 178.2
176 90.0 0.0 173.8

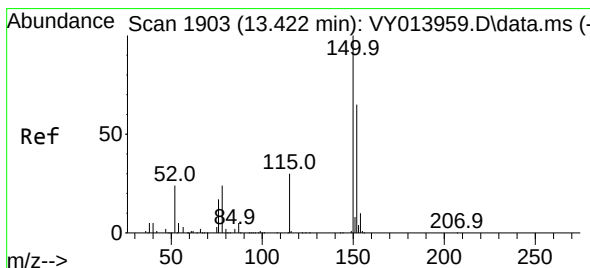
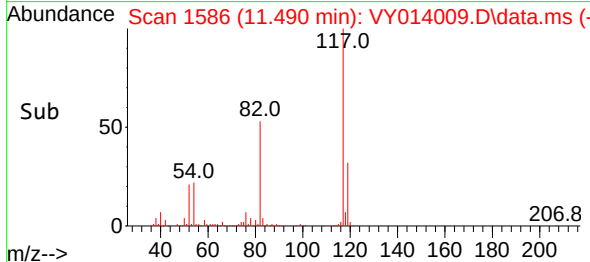
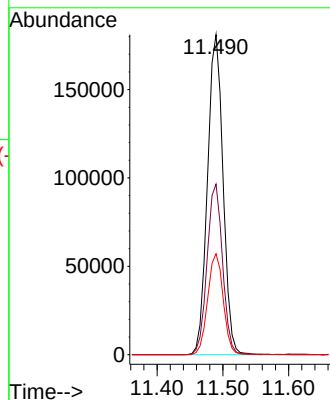
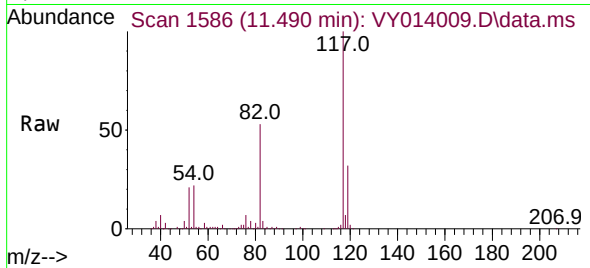




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY014009.D
Acq: 05 Jun 2023 15:56

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-060123

Tgt Ion:	117	Resp:	298031
Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.4	65.0
119	31.5	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014009.D
Acq: 05 Jun 2023 15:56

Tgt Ion:	152	Resp:	137516
Ion	Ratio	Lower	Upper
152	100		
115	57.2	28.8	86.5
150	157.4	0.0	348.8

