

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060723\
 Data File : VY014067.D
 Acq On : 07 Jun 2023 18:02
 Operator : KP/MD
 Sample : 03044-05
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-0-2.0

Quant Time: Jun 08 02:34:30 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)

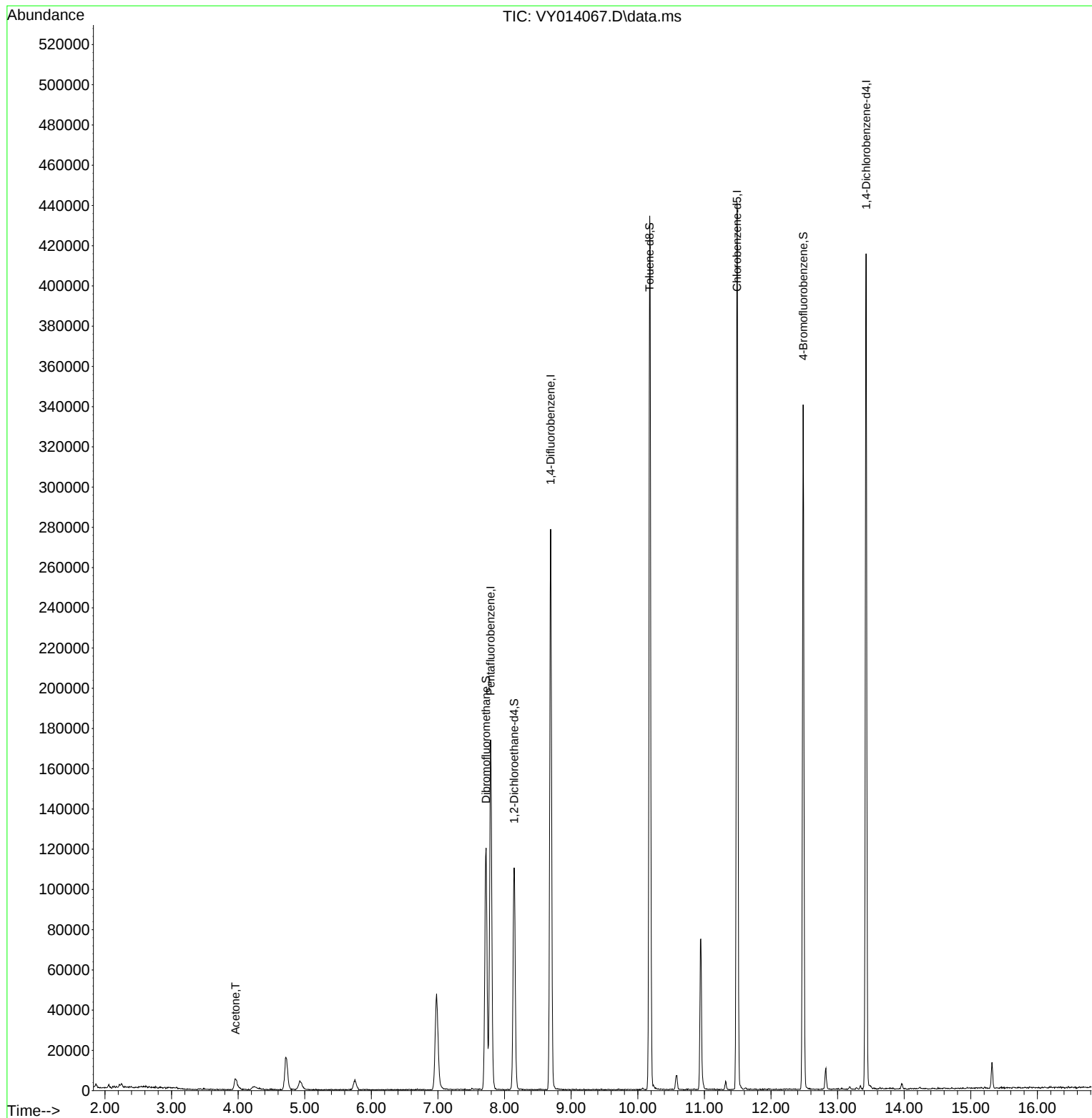
Internal Standards						
1) Pentafluorobenzene	7.789	168	131975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	227159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	234800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	103209	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	92668	53.043	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.080%	
35) Dibromofluoromethane	7.722	113	80859	56.011	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.020%	
50) Toluene-d8	10.179	98	284848	51.729	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.460%	
62) 4-Bromofluorobenzene	12.483	95	93381	49.742	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.480%	
Target Compounds						
16) Acetone	3.960	43	11606	19.417	ug/l	Qvalue 98

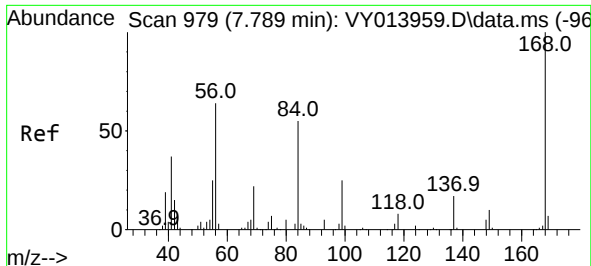
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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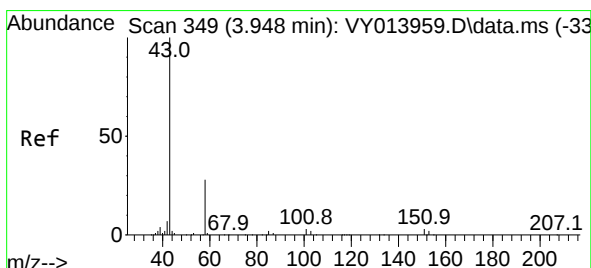
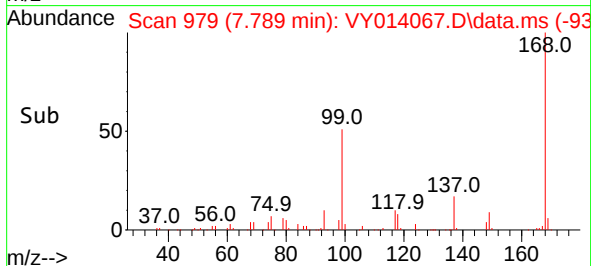
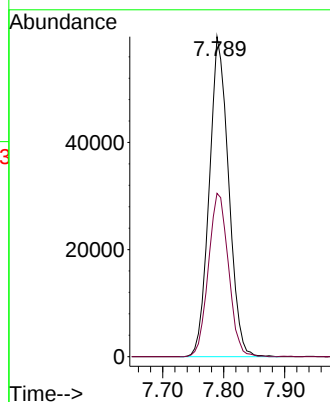
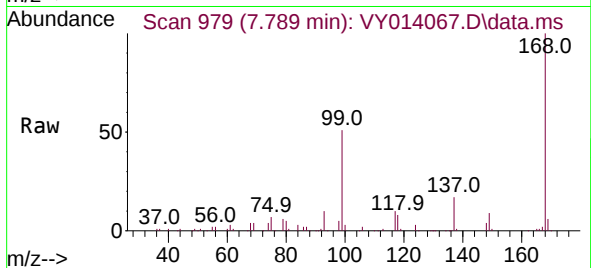




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014067.D
Acq: 07 Jun 2023 18:02

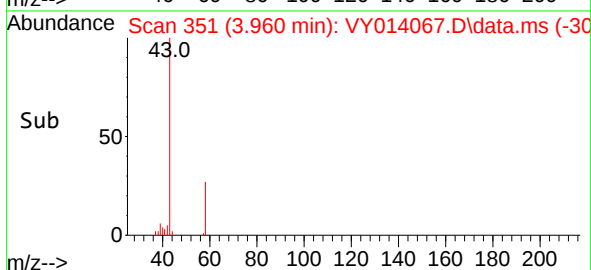
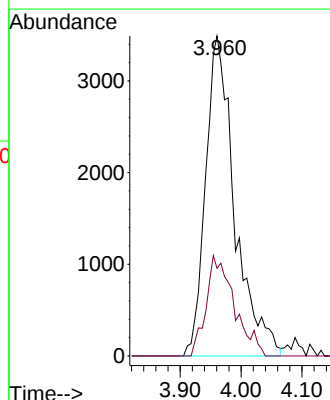
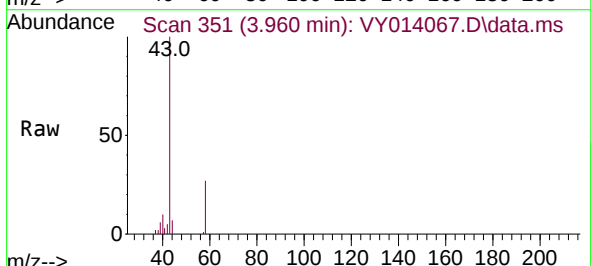
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-0-2.0

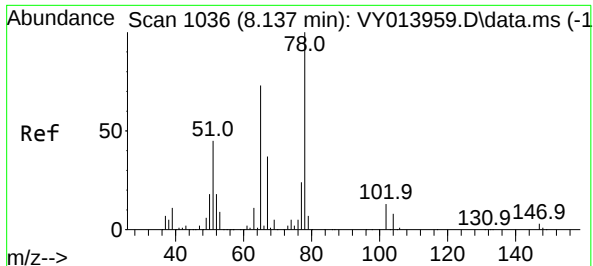
Tgt Ion:168 Resp: 131975
Ion Ratio Lower Upper
168 100
99 51.0 43.4 65.0



#16
Acetone
Concen: 19.417 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY014067.D
Acq: 07 Jun 2023 18:02

Tgt Ion: 43 Resp: 11606
Ion Ratio Lower Upper
43 100
58 27.4 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 53.043 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY014067.D

Acq: 07 Jun 2023 18:02

Instrument :

MSVOA_Y

ClientSampleId :

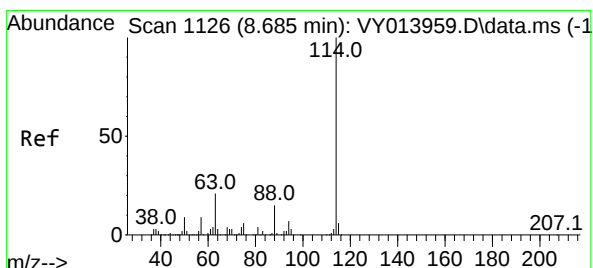
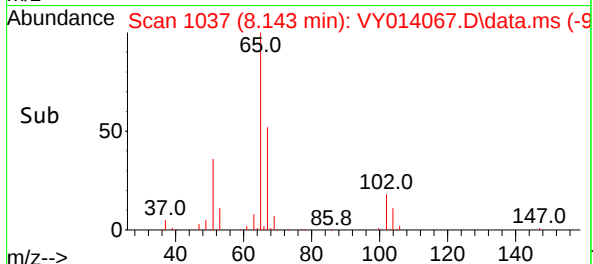
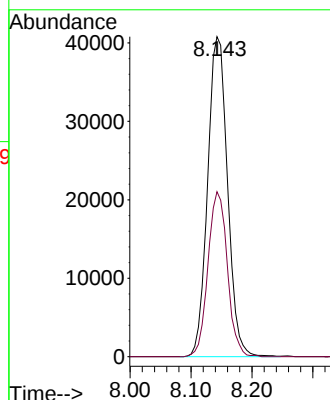
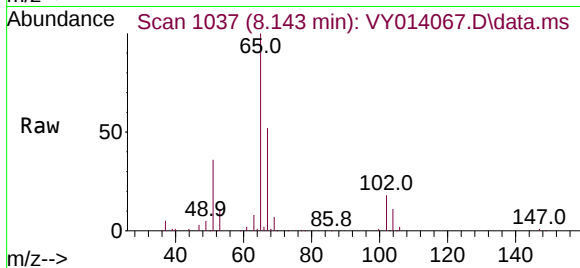
SB-03-0-2.0

Tgt Ion: 65 Resp: 92668

Ion Ratio Lower Upper

65 100

67 50.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014067.D

Acq: 07 Jun 2023 18:02

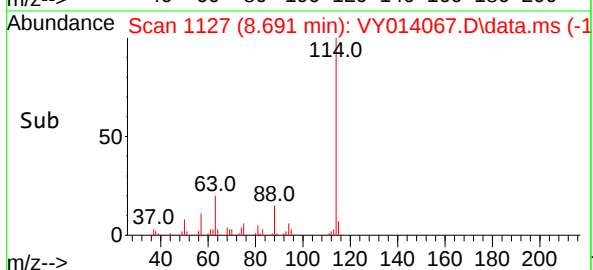
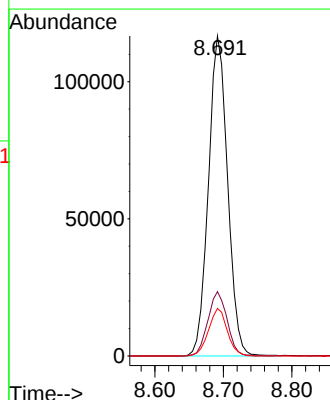
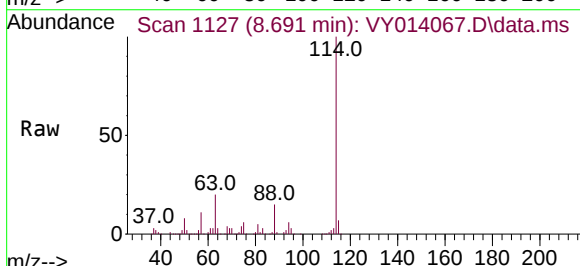
Tgt Ion: 114 Resp: 227159

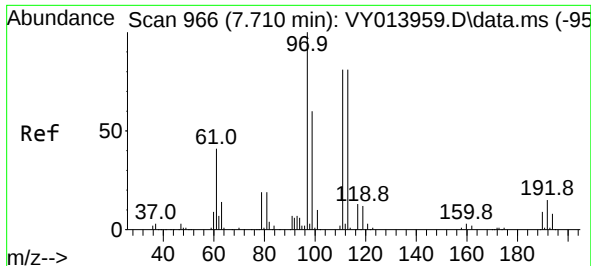
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

88 14.9 0.0 30.6

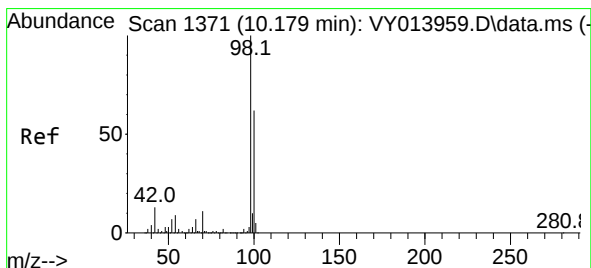
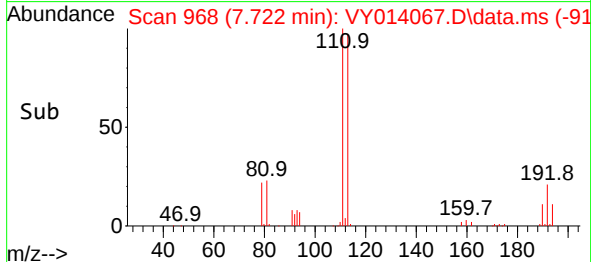
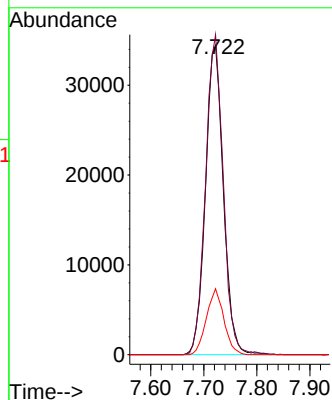
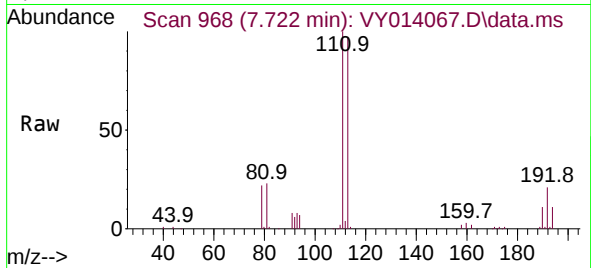




#35
Dibromofluoromethane
Concen: 56.011 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.012 min
Lab File: VY014067.D
Acq: 07 Jun 2023 18:02

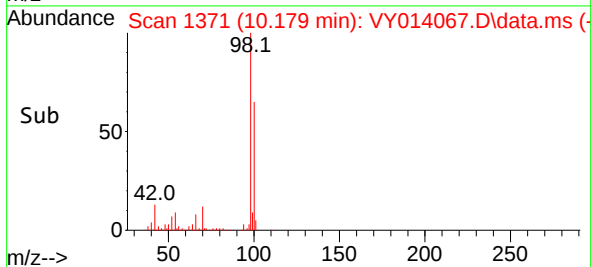
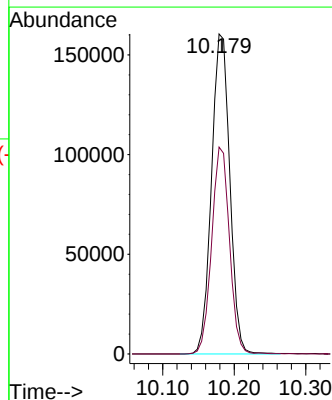
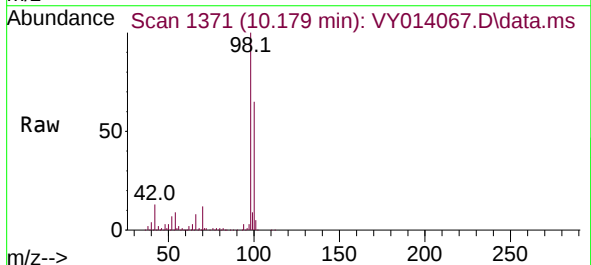
Instrument :
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ClientSampleId :
SB-03-0-2.0

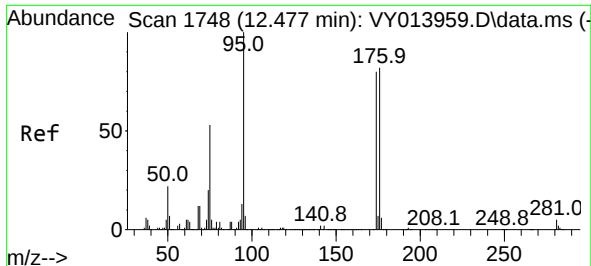
Tgt Ion:113 Resp: 80859
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 20.8 16.9 25.3



#50
Toluene-d8
Concen: 51.729 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY014067.D
Acq: 07 Jun 2023 18:02

Tgt Ion: 98 Resp: 284848
Ion Ratio Lower Upper
98 100
100 63.1 50.1 75.1

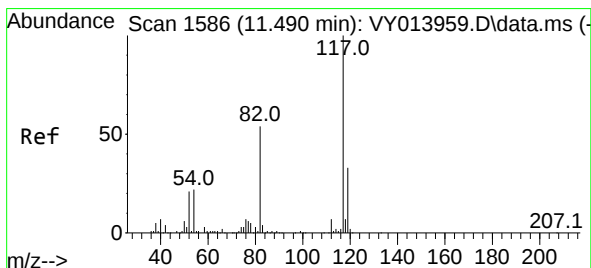
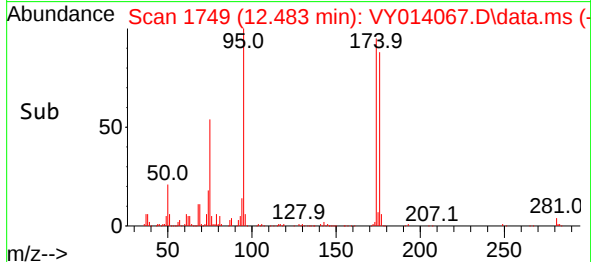
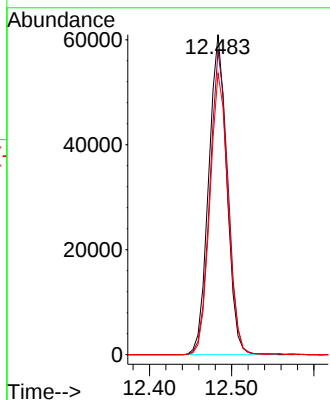
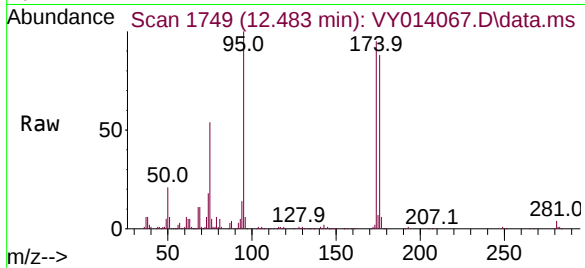




#62
4-Bromofluorobenzene
Concen: 49.742 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014067.D
Acq: 07 Jun 2023 18:02

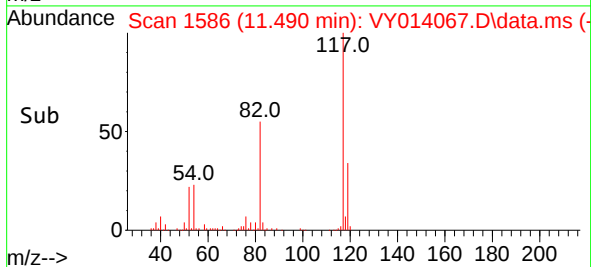
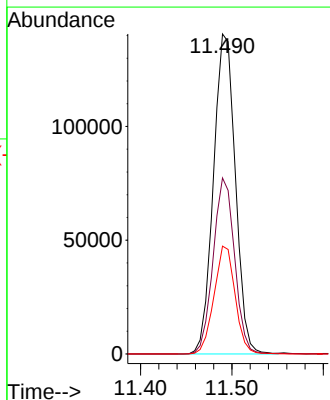
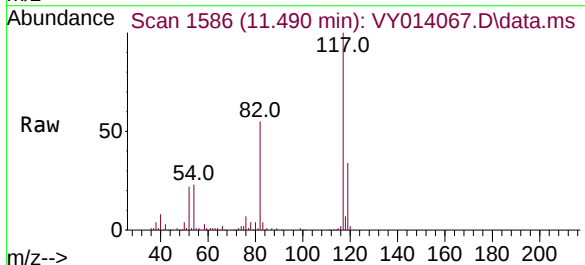
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-0-2.0

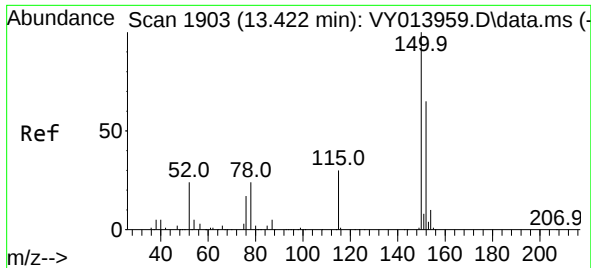
Tgt Ion: 95 Resp: 93381
Ion Ratio Lower Upper
95 100
174 95.2 0.0 178.2
176 88.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014067.D
Acq: 07 Jun 2023 18:02

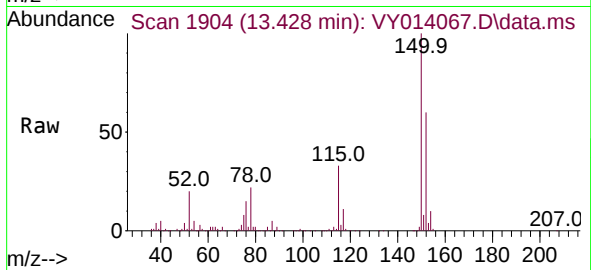
Tgt Ion: 117 Resp: 234800
Ion Ratio Lower Upper
117 100
82 55.0 43.4 65.0
119 33.7 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY014067.D
 Acq: 07 Jun 2023 18:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-0-2.0



Tgt Ion:152 Resp: 103209
 Ion Ratio Lower Upper
 152 100
 115 57.9 28.8 86.5
 150 160.4 0.0 348.8

