

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014347.D
 Acq On : 21 Jun 2023 19:38
 Operator : KP/MD
 Sample : 03358-04
 Misc : 5.23g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4-(0-2)

Quant Time: Jun 22 01:59:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

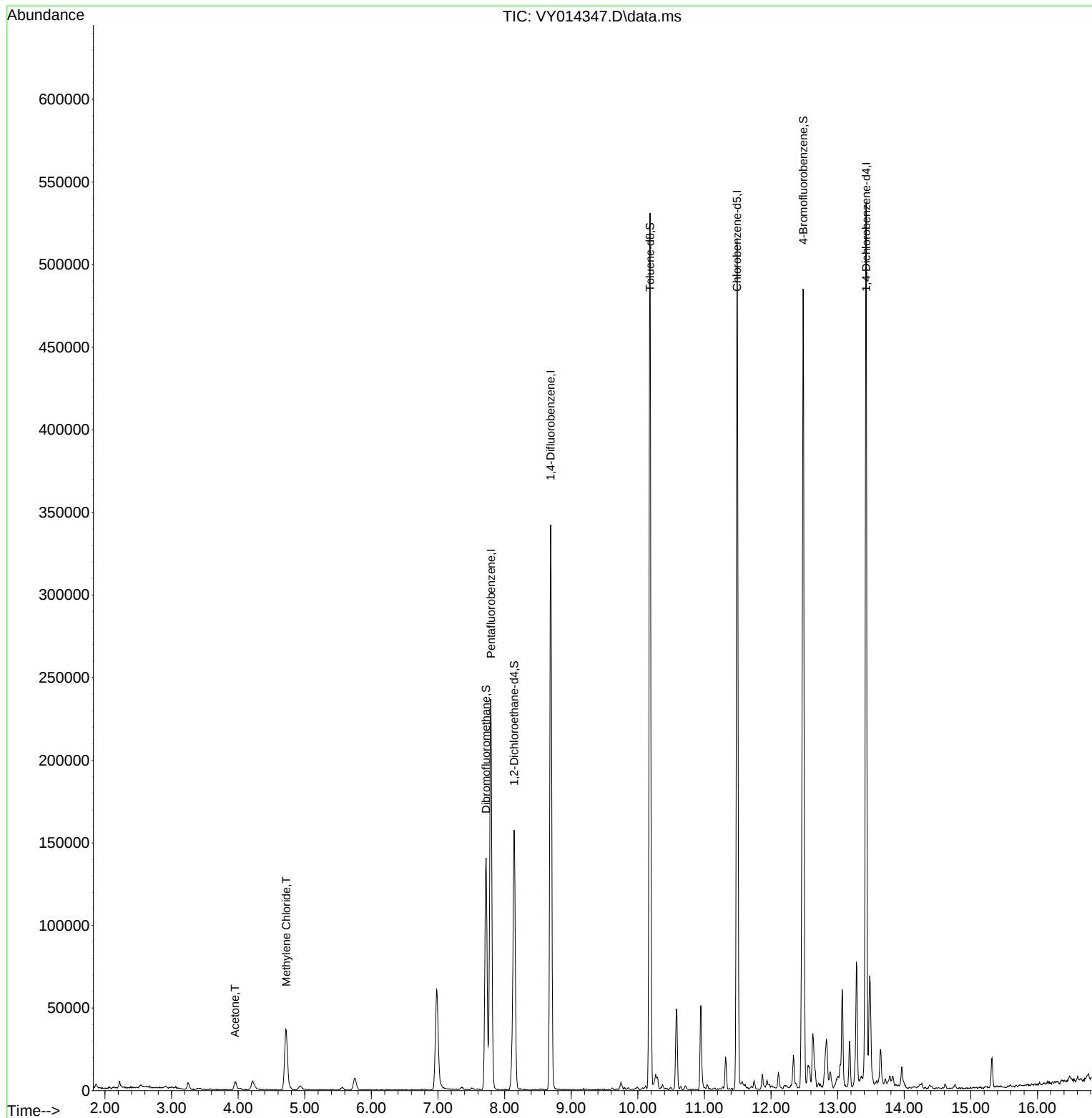
Internal Standards						
1) Pentafluorobenzene	7.795	168	185156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	291650	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	275709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	133838	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	126350	49.005	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.000%
35) Dibromofluoromethane	7.722	113	95461	46.154	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.300%
50) Toluene-d8	10.185	98	350935	45.384	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.760%
62) 4-Bromofluorobenzene	12.483	95	123589	44.993	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.980%
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	9021	11.607	ug/l #	88
20) Methylene Chloride	4.722	84	27150	7.925	ug/l #	83

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

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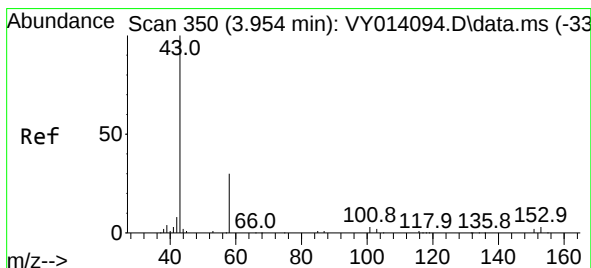
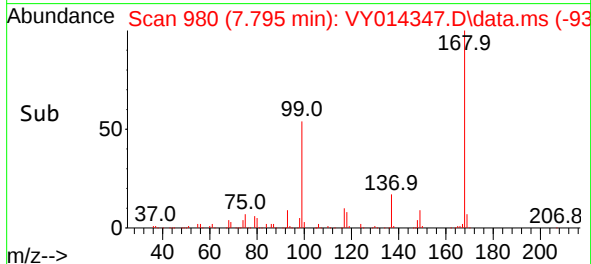
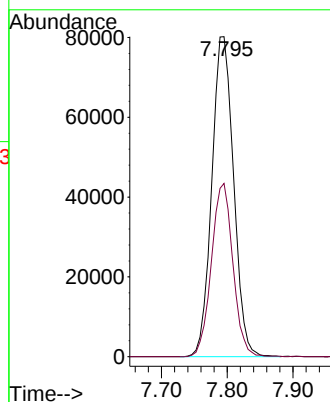
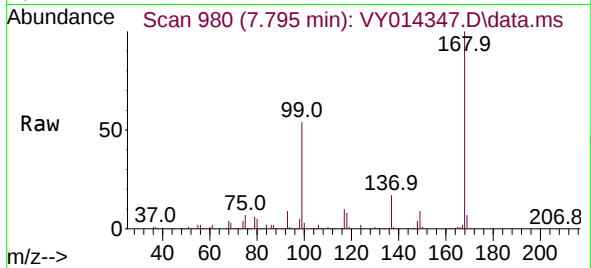




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014347.D
Acq: 21 Jun 2023 19:38

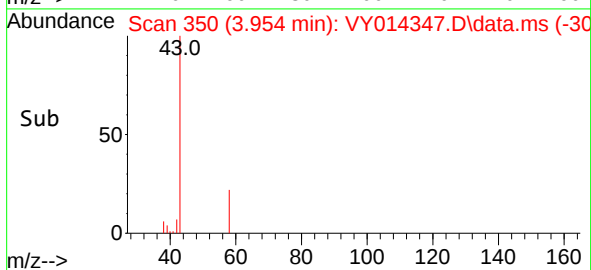
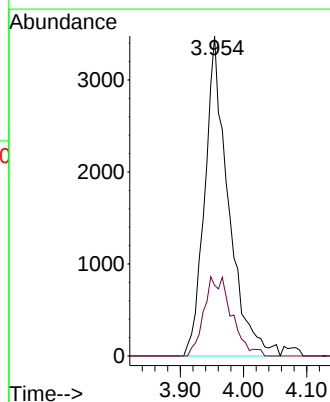
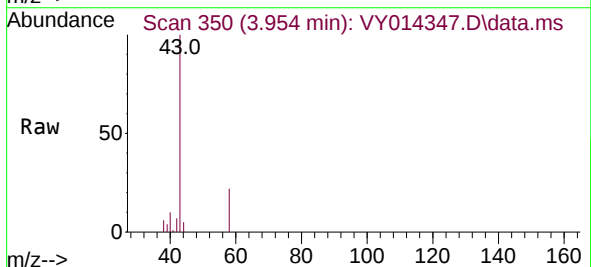
Instrument :
MSVOA_Y
ClientSampleId :
SB-4-(0-2)

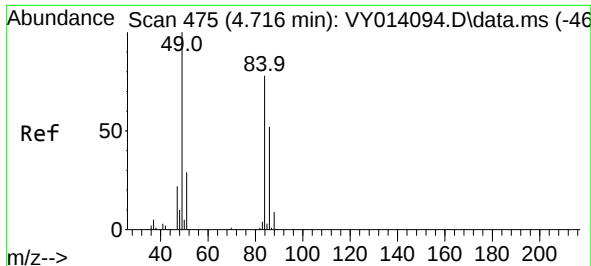
Tgt Ion:168 Resp: 185156
Ion Ratio Lower Upper
168 100
99 54.2 43.4 65.0



#16
Acetone
Concen: 11.607 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY014347.D
Acq: 21 Jun 2023 19:38

Tgt Ion: 43 Resp: 9021
Ion Ratio Lower Upper
43 100
58 22.1 22.7 34.1#

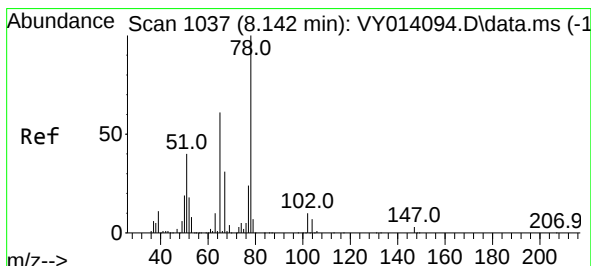
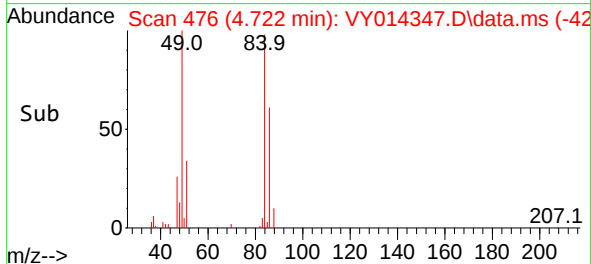
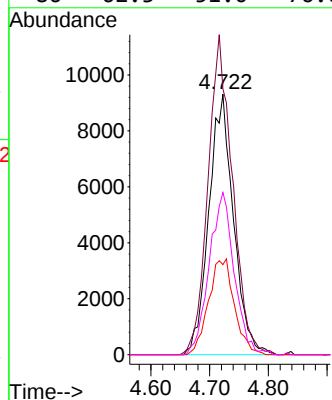
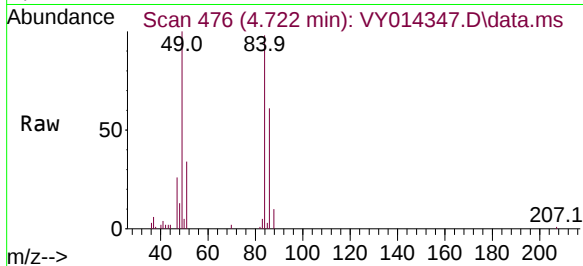




#20
Methylene Chloride
Concen: 7.925 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY014347.D
Acq: 21 Jun 2023 19:38

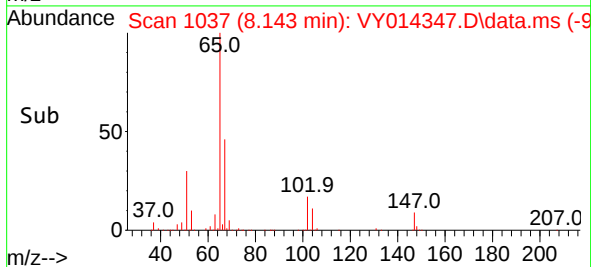
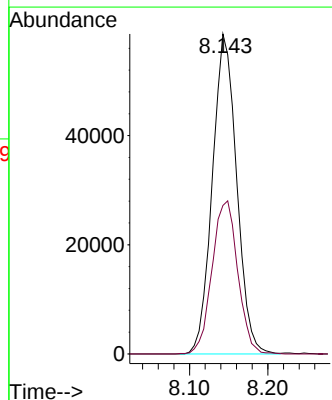
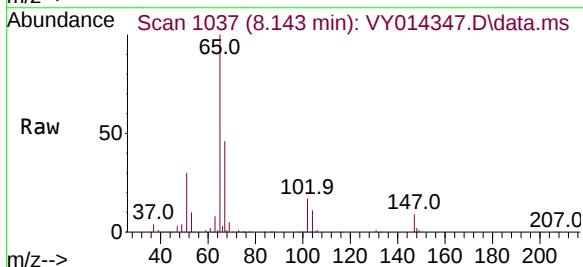
Instrument :
MSVOA_Y
ClientSampleId :
SB-4-(0-2)

Tgt Ion: 84 Resp: 27150
Ion Ratio Lower Upper
84 100
49 102.1 106.9 160.3#
51 34.6 33.2 49.8
86 62.3 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 49.005 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY014347.D
Acq: 21 Jun 2023 19:38

Tgt Ion: 65 Resp: 126350
Ion Ratio Lower Upper
65 100
67 50.6 0.0 101.8

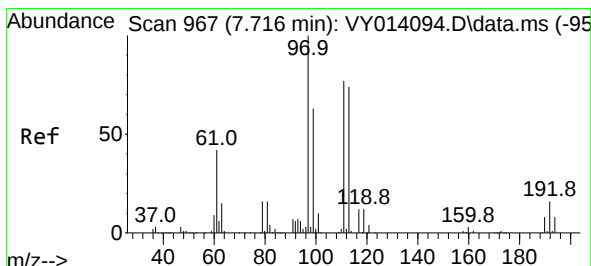
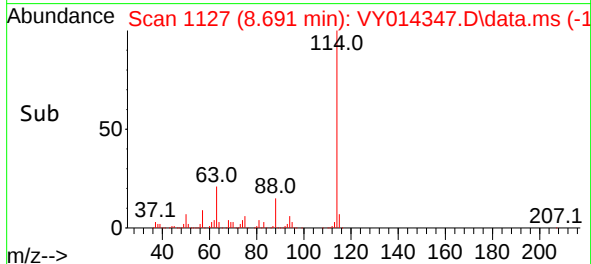
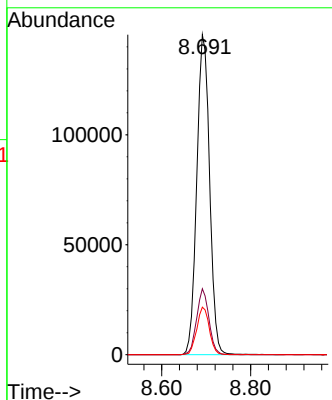
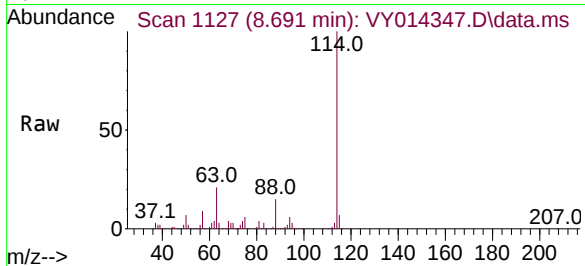




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014347.D
Acq: 21 Jun 2023 19:38

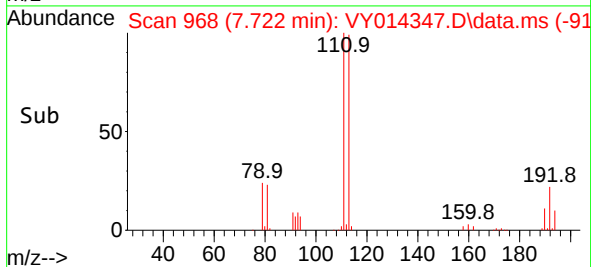
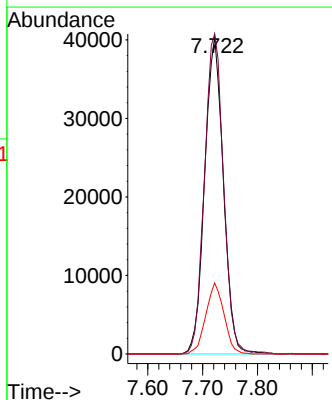
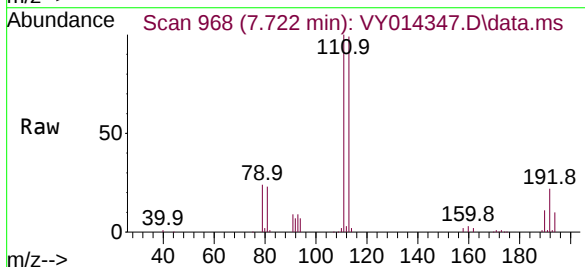
Instrument :
MSVOA_Y
ClientSampleId :
SB-4-(0-2)

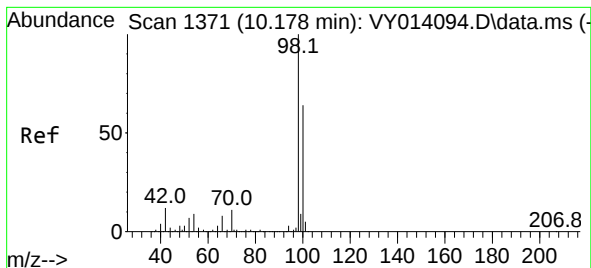
Tgt Ion:114 Resp: 291650
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.4
88 14.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 46.154 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY014347.D
Acq: 21 Jun 2023 19:38

Tgt Ion:113 Resp: 95461
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 21.8 16.9 25.3





#50

Toluene-d8

Concen: 45.384 ug/l

RT: 10.185 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY014347.D

Acq: 21 Jun 2023 19:38

Instrument :

MSVOA_Y

ClientSampleId :

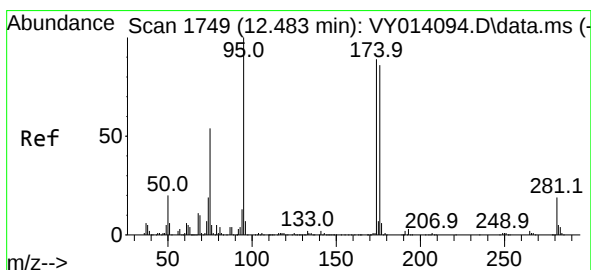
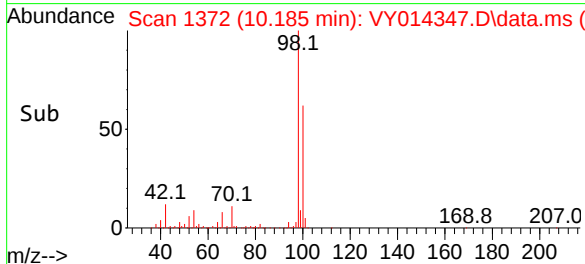
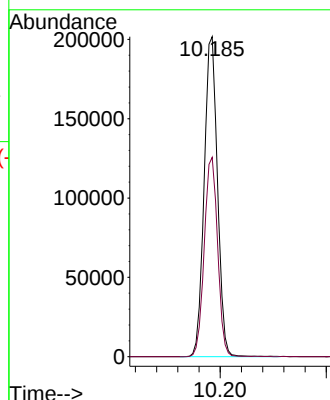
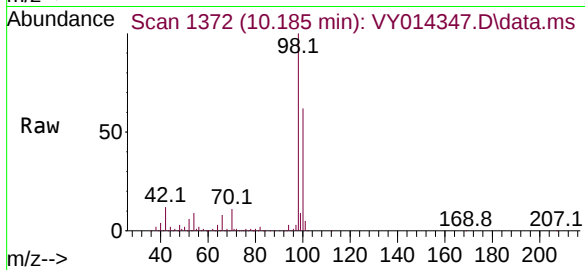
SB-4-(0-2)

Tgt Ion: 98 Resp: 350935

Ion Ratio Lower Upper

98 100

100 62.5 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 44.993 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY014347.D

Acq: 21 Jun 2023 19:38

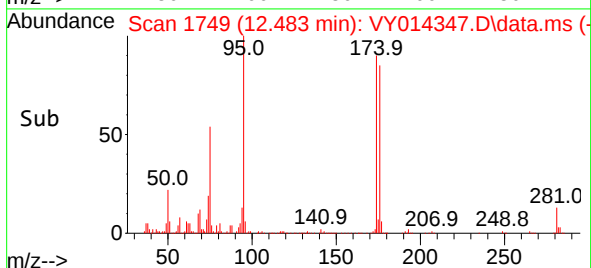
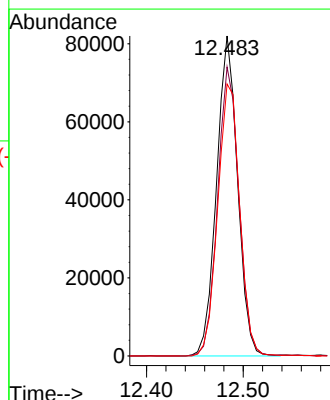
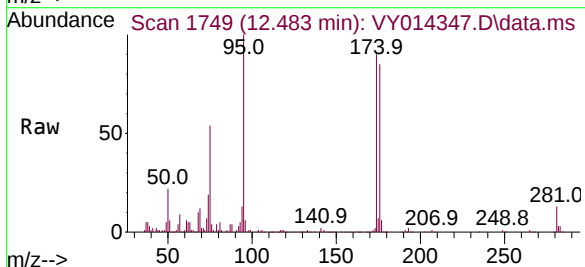
Tgt Ion: 95 Resp: 123589

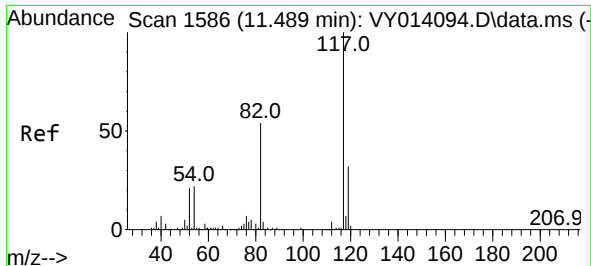
Ion Ratio Lower Upper

95 100

174 91.4 0.0 178.2

176 88.9 0.0 173.8

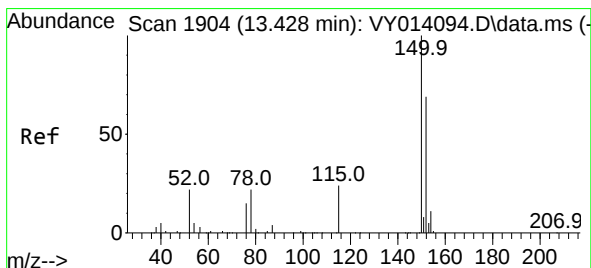
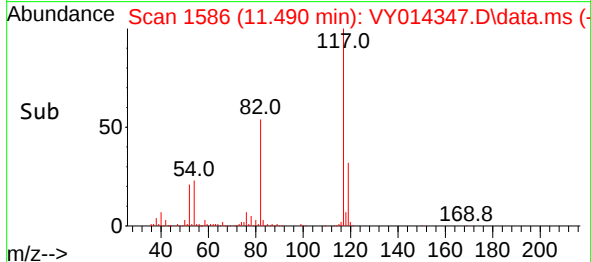
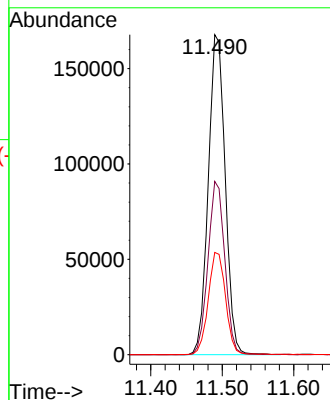
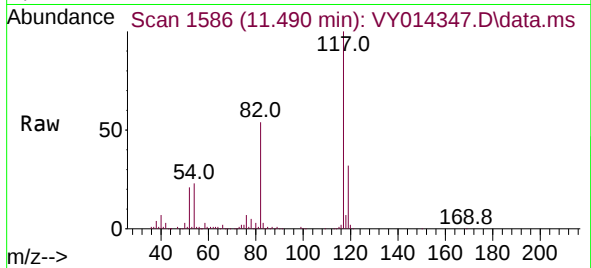




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY014347.D
Acq: 21 Jun 2023 19:38

Instrument :
MSVOA_Y
ClientSampleId :
SB-4-(0-2)

Tgt Ion:117 Resp: 275709
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.0
119 31.9 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: VY014347.D
Acq: 21 Jun 2023 19:38

Tgt Ion:152 Resp: 133838
Ion Ratio Lower Upper
152 100
115 56.9 28.8 86.5
150 158.0 0.0 348.8

