

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014834.D
 Acq On : 26 Jul 2023 04:42
 Operator : SY/MD
 Sample : 03741-15
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P13B

Quant Time: Jul 26 05:31:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

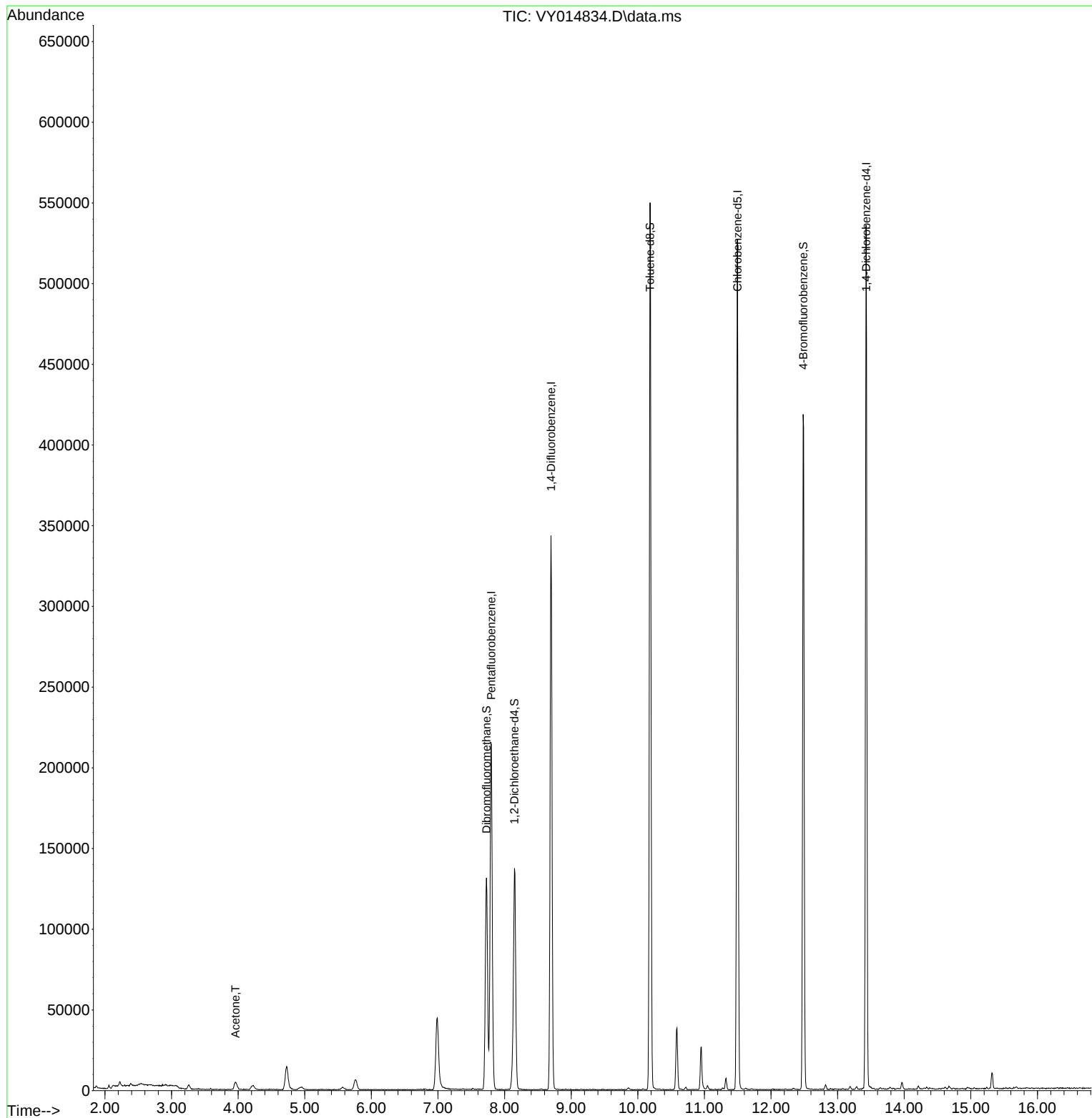
Internal Standards						
1) Pentafluorobenzene	7.801	168	167318	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	296119	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	283431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	131807	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	104374	54.742	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.480%	
35) Dibromofluoromethane	7.728	113	92812	49.237	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.480%	
50) Toluene-d8	10.185	98	352837	50.770	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.540%	
62) 4-Bromofluorobenzene	12.483	95	128117	48.078	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.160%	
Target Compounds						
16) Acetone	3.960	43	8868	14.677	ug/l	Qvalue 93

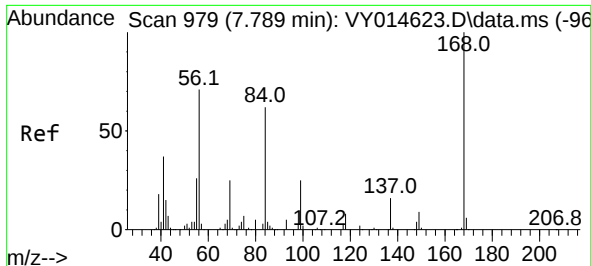
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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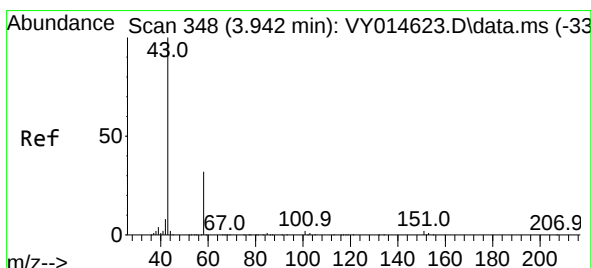
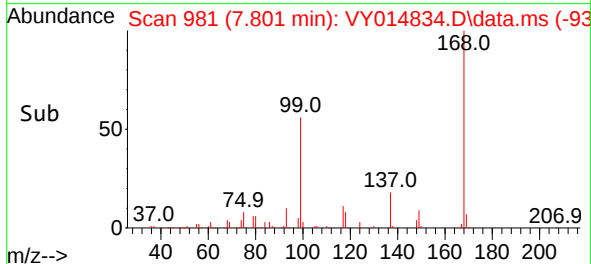
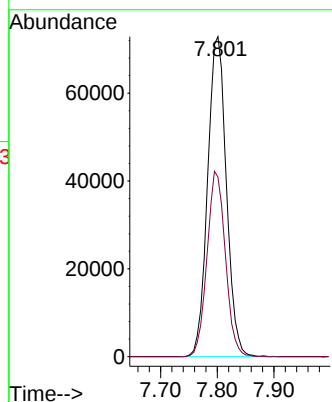
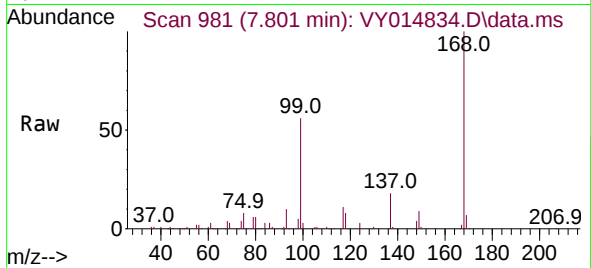




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014834.D
Acq: 26 Jul 2023 04:42

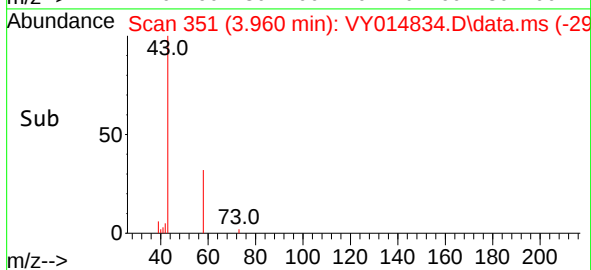
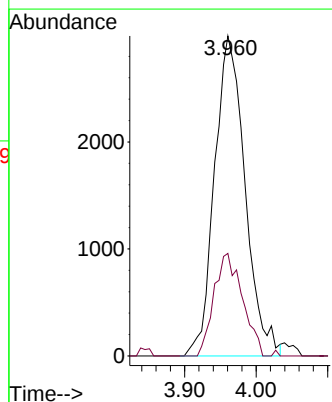
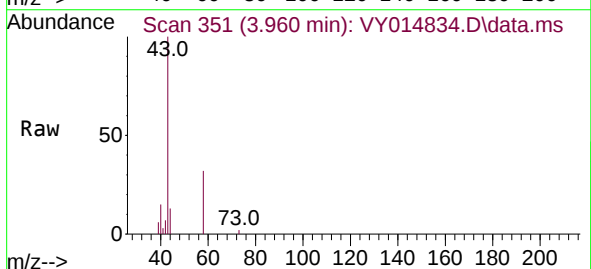
Instrument :
MSVOA_Y
ClientSampleId :
B-P13B

Tgt Ion:168 Resp: 167318
Ion Ratio Lower Upper
168 100
99 56.1 43.4 65.0



#16
Acetone
Concen: 14.677 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY014834.D
Acq: 26 Jul 2023 04:42

Tgt Ion: 43 Resp: 8868
Ion Ratio Lower Upper
43 100
58 32.1 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 54.742 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.013 min

Lab File: VY014834.D

Acq: 26 Jul 2023 04:42

Instrument :

MSVOA_Y

ClientSampleId :

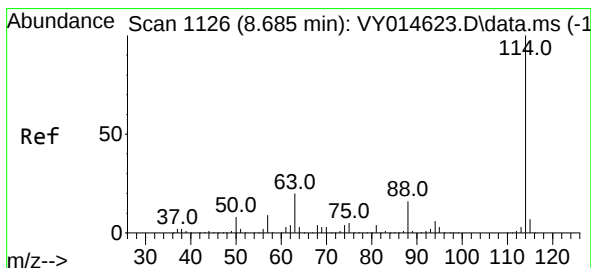
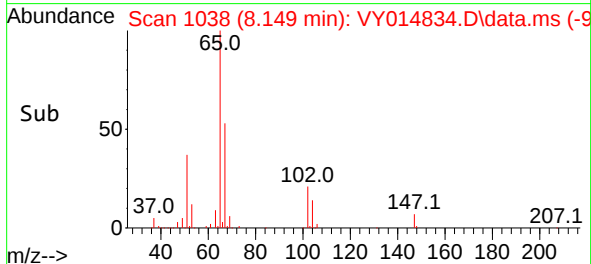
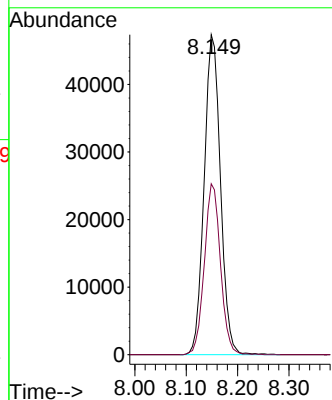
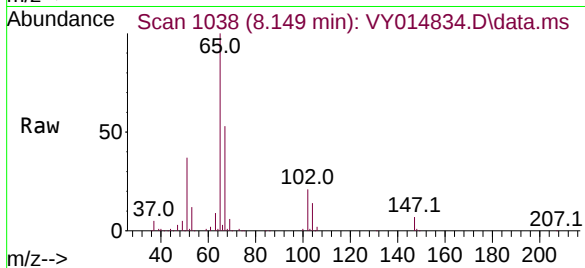
B-P13B

Tgt Ion: 65 Resp: 104374

Ion Ratio Lower Upper

65 100

67 52.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY014834.D

Acq: 26 Jul 2023 04:42

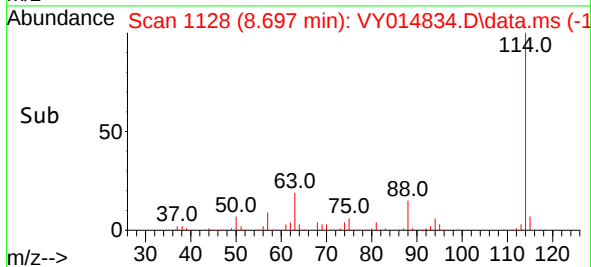
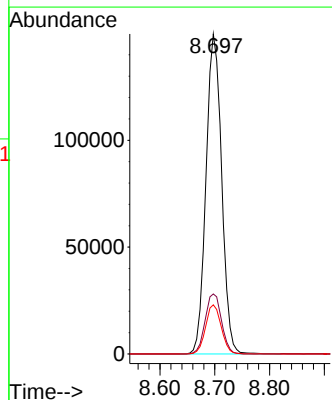
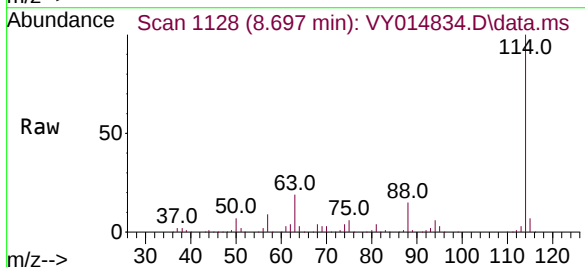
Tgt Ion: 114 Resp: 296119

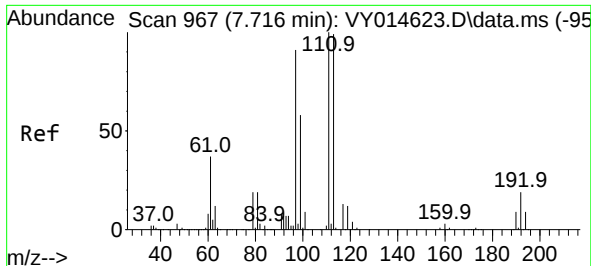
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

88 15.3 0.0 30.6

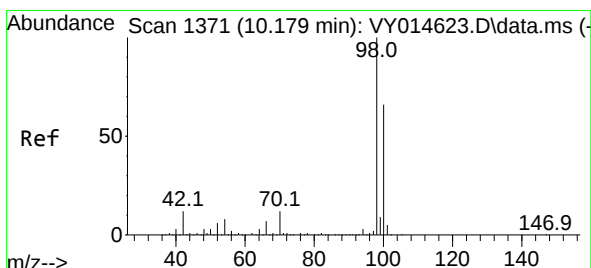
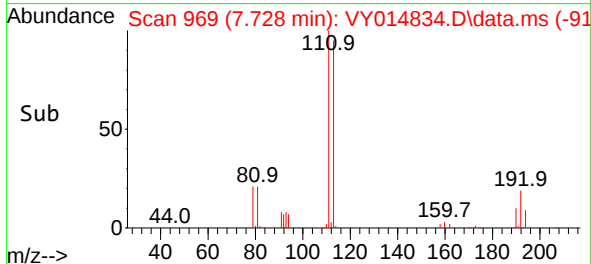
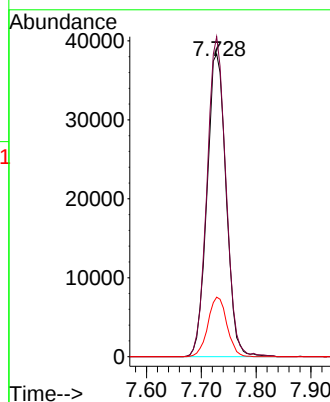
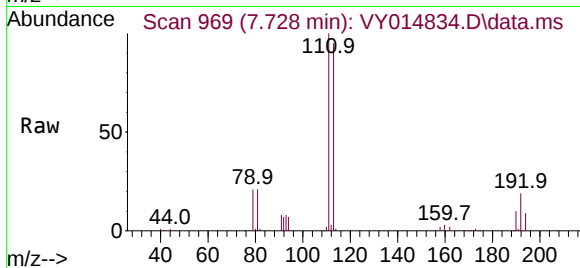




#35
Dibromofluoromethane
Concen: 49.237 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014834.D
Acq: 26 Jul 2023 04:42

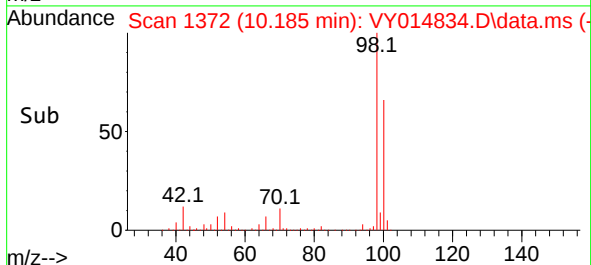
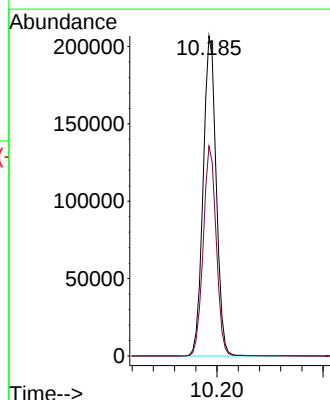
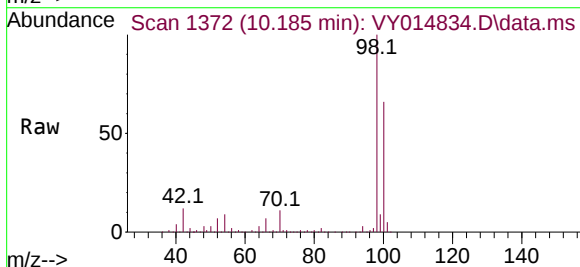
Instrument :
MSVOA_Y
ClientSampleId :
B-P13B

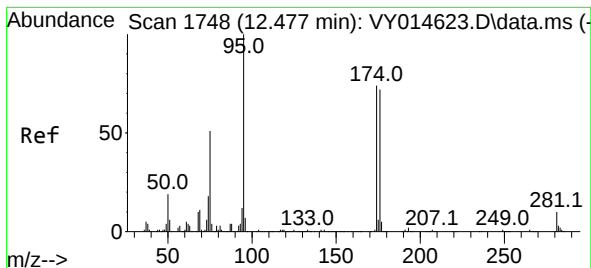
Tgt Ion:113 Resp: 92812
Ion Ratio Lower Upper
113 100
111 104.1 81.3 121.9
192 19.5 16.9 25.3



#50
Toluene-d8
Concen: 50.770 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY014834.D
Acq: 26 Jul 2023 04:42

Tgt Ion: 98 Resp: 352837
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1

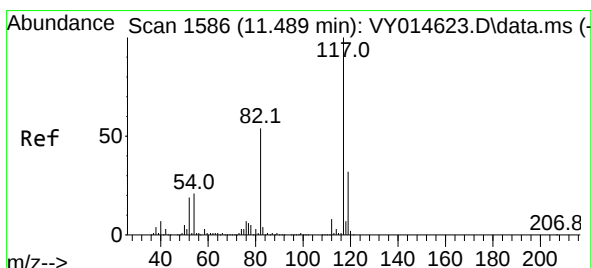
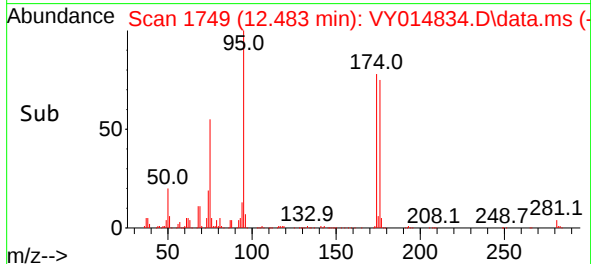
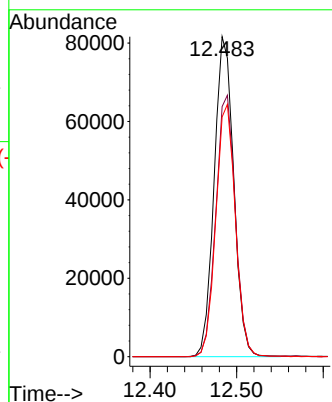
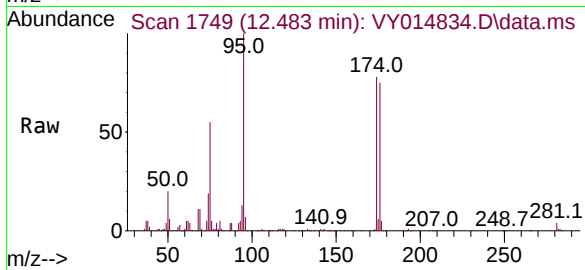




#62
4-Bromofluorobenzene
Concen: 48.078 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014834.D
Acq: 26 Jul 2023 04:42

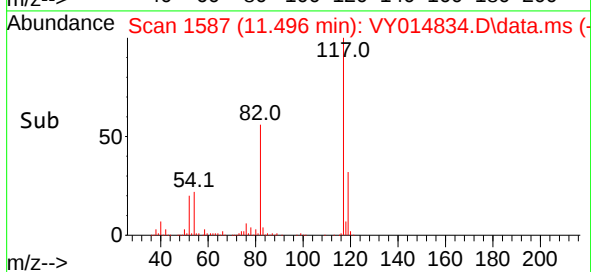
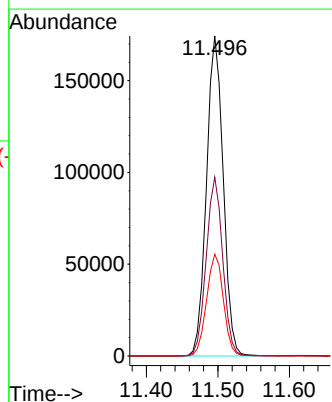
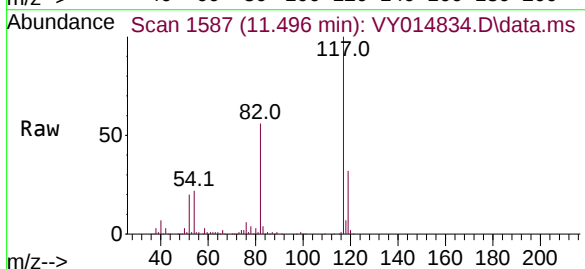
Instrument :
MSVOA_Y
ClientSampleId :
B-P13B

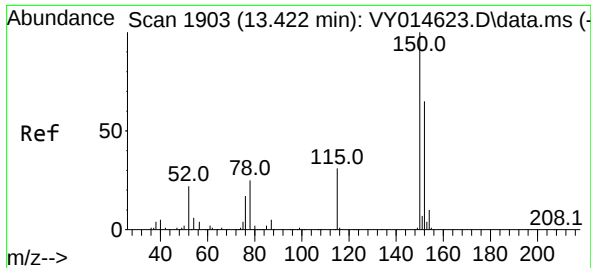
Tgt Ion: 95 Resp: 128117
Ion Ratio Lower Upper
95 100
174 81.7 0.0 178.2
176 78.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY014834.D
Acq: 26 Jul 2023 04:42

Tgt Ion: 117 Resp: 283431
Ion Ratio Lower Upper
117 100
82 55.9 43.4 65.0
119 31.8 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: VY014834.D

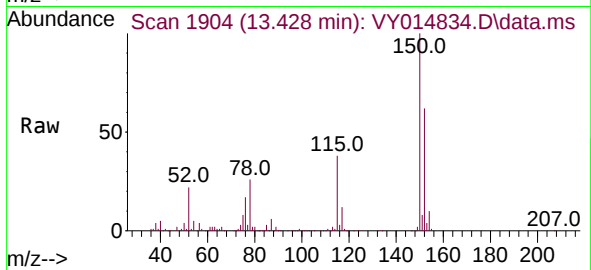
Acq: 26 Jul 2023 04:42

Instrument :

MSVOA_Y

ClientSampleId :

B-P13B



Tgt Ion:152 Resp: 131807

Ion Ratio Lower Upper

152 100

115 60.2 28.8 86.5

150 158.4 0.0 348.8

