

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014838.D
 Acq On : 26 Jul 2023 06:16
 Operator : SY/MD
 Sample : 03741-19
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P29B

Quant Time: Jul 26 07:42:08 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)

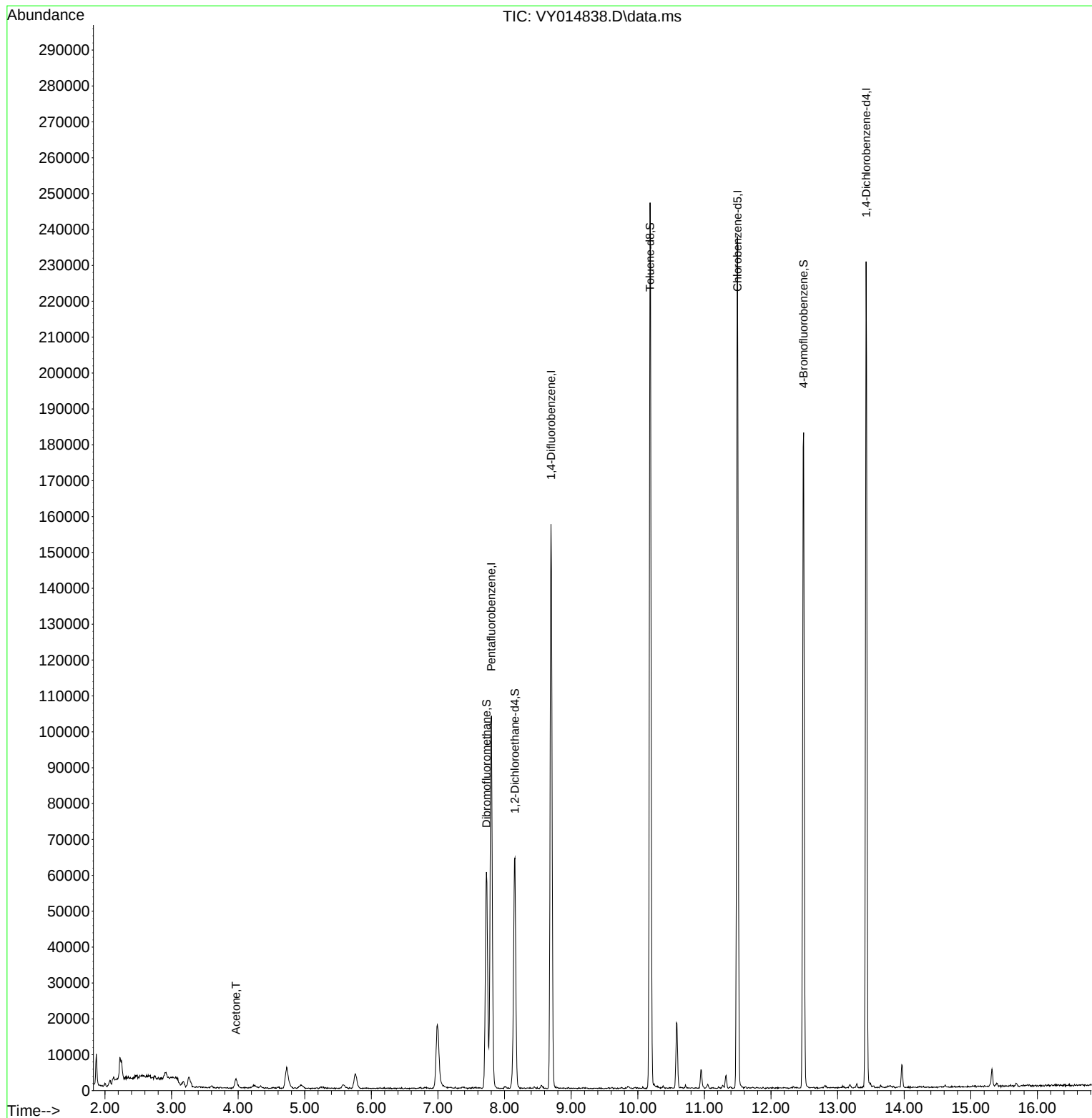
Internal Standards						
1) Pentafluorobenzene	7.801	168	80291	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	135962	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	127189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	57898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	50300	54.976	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.960%	
35) Dibromofluoromethane	7.728	113	43133	49.836	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.680%	
50) Toluene-d8	10.185	98	162678	50.982	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.960%	
62) 4-Bromofluorobenzene	12.489	95	56668	46.316	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.640%	
Target Compounds						
16) Acetone	3.967	43	4647	16.028	ug/l	Qvalue 97

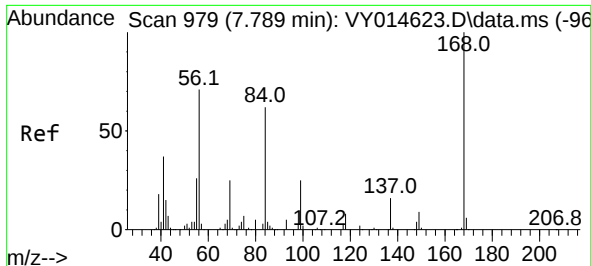
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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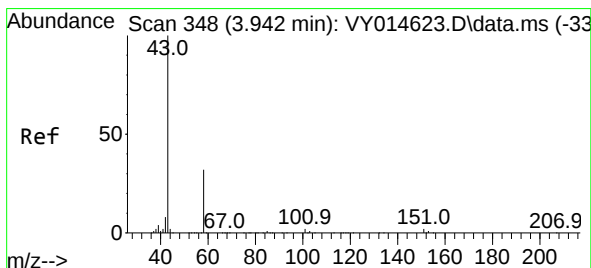
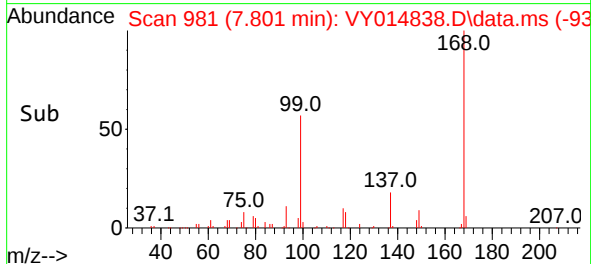
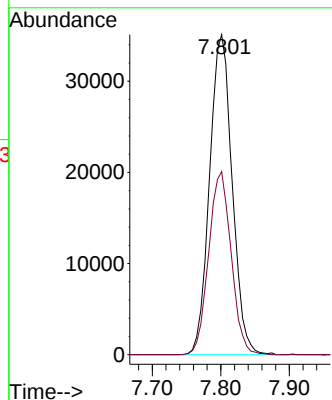
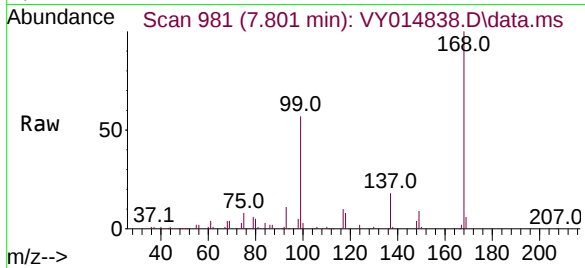




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014838.D
Acq: 26 Jul 2023 06:16

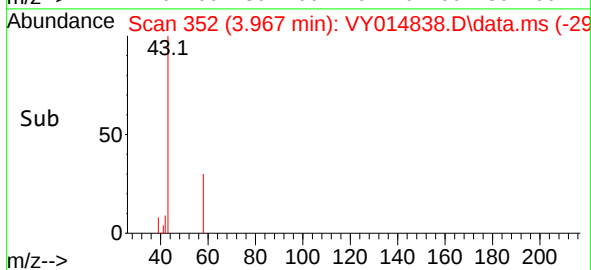
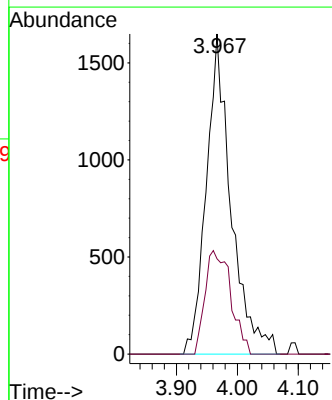
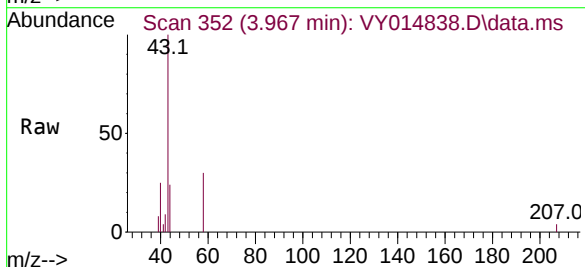
Instrument :
MSVOA_Y
ClientSampleId :
B-P29B

Tgt Ion:168 Resp: 80291
Ion Ratio Lower Upper
168 100
99 57.2 43.4 65.0



#16
Acetone
Concen: 16.028 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.025 min
Lab File: VY014838.D
Acq: 26 Jul 2023 06:16

Tgt Ion: 43 Resp: 4647
Ion Ratio Lower Upper
43 100
58 29.8 22.7 34.1

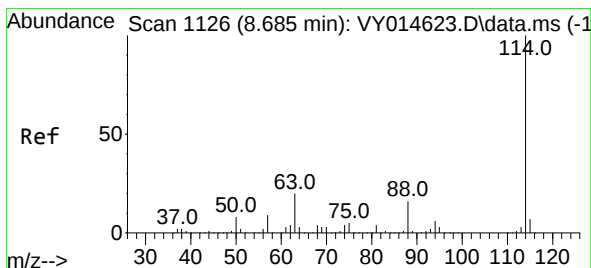
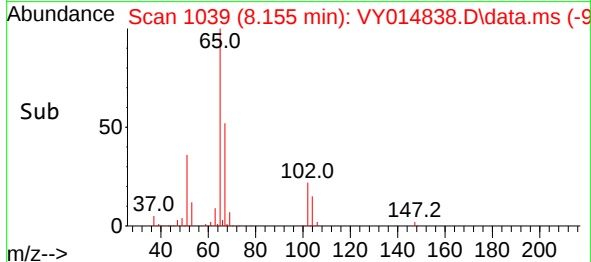
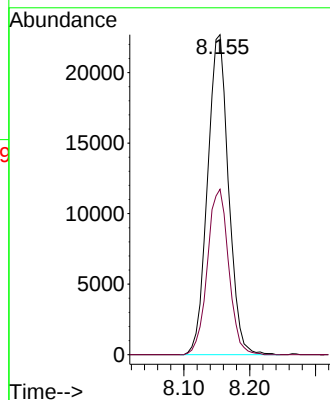
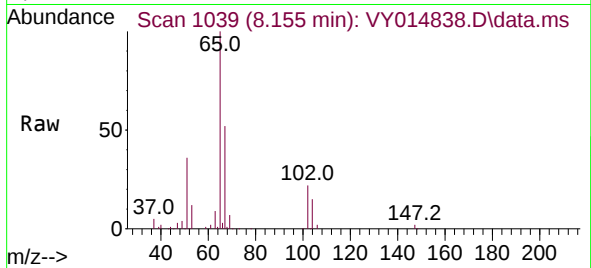




#33
1,2-Dichloroethane-d4
Concen: 54.976 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.019 min
Lab File: VY014838.D
Acq: 26 Jul 2023 06:16

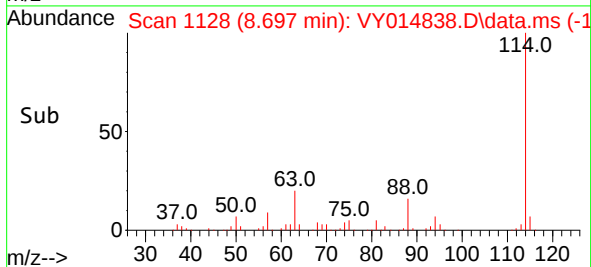
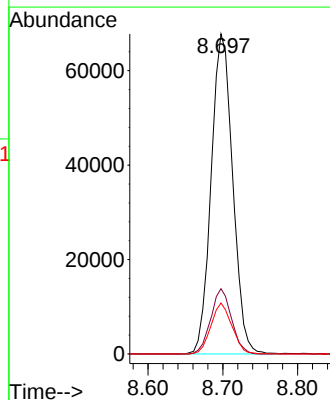
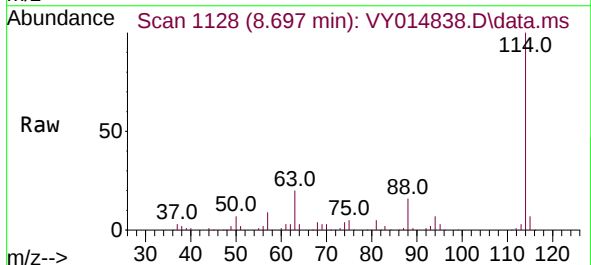
Instrument :
MSVOA_Y
ClientSampleId :
B-P29B

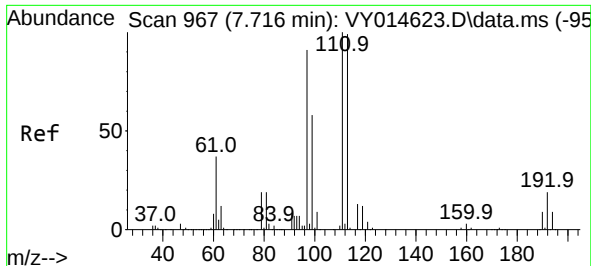
Tgt Ion: 65 Resp: 50300
Ion Ratio Lower Upper
65 100
67 52.5 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.012 min
Lab File: VY014838.D
Acq: 26 Jul 2023 06:16

Tgt Ion:114 Resp: 135962
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.4
88 15.9 0.0 30.6

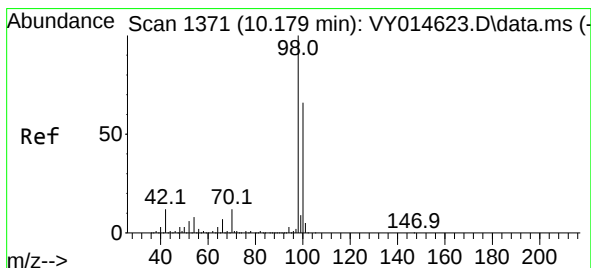
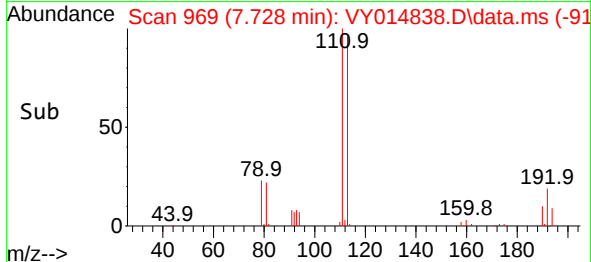
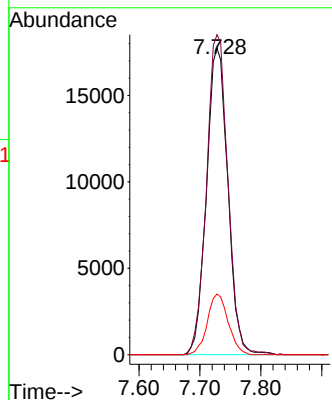
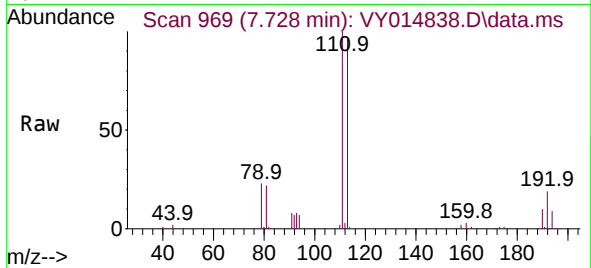




#35
Dibromofluoromethane
Concen: 49.836 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014838.D
Acq: 26 Jul 2023 06:16

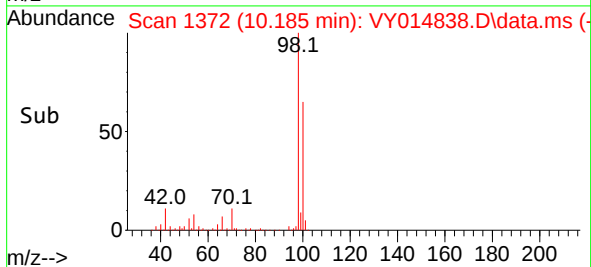
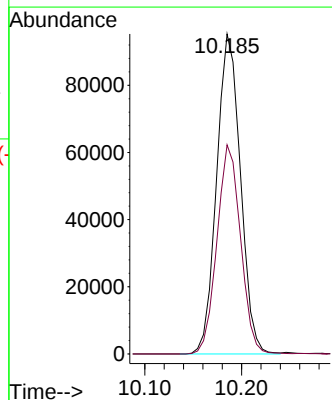
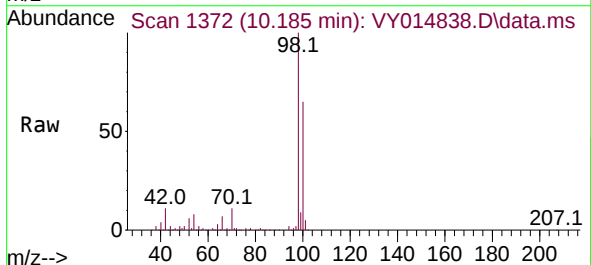
Instrument :
MSVOA_Y
ClientSampleId :
B-P29B

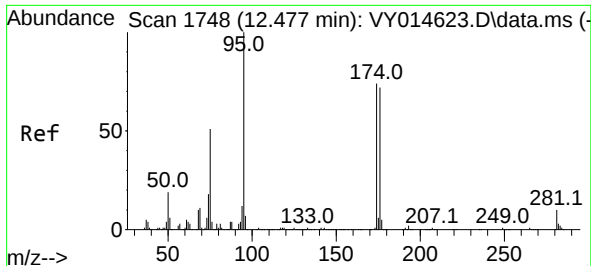
Tgt Ion:113 Resp: 43133
Ion Ratio Lower Upper
113 100
111 104.7 81.3 121.9
192 19.4 16.9 25.3



#50
Toluene-d8
Concen: 50.982 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY014838.D
Acq: 26 Jul 2023 06:16

Tgt Ion: 98 Resp: 162678
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1

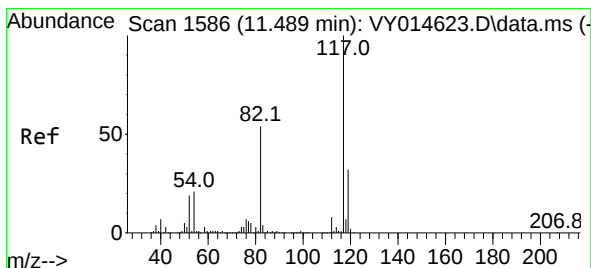
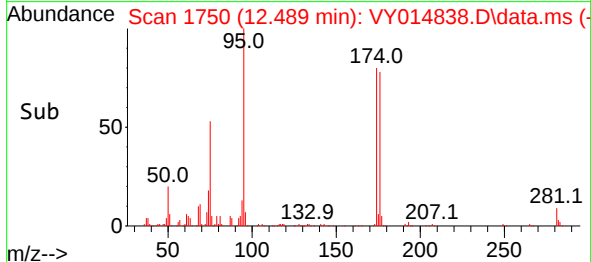
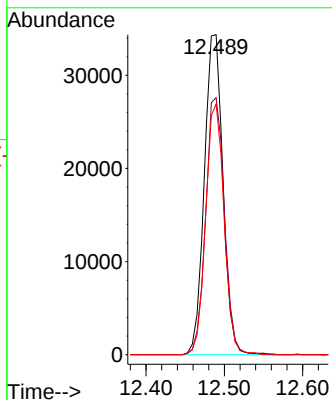
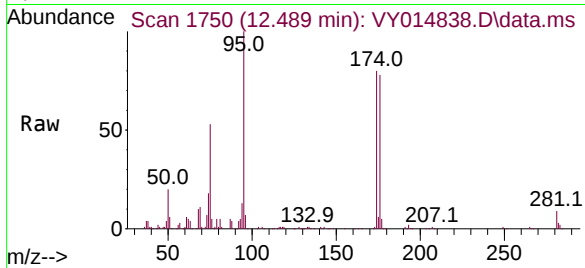




#62
4-Bromofluorobenzene
Concen: 46.316 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY014838.D
Acq: 26 Jul 2023 06:16

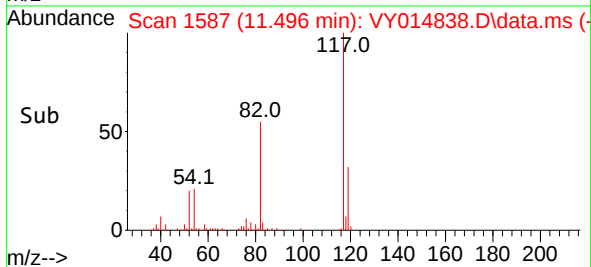
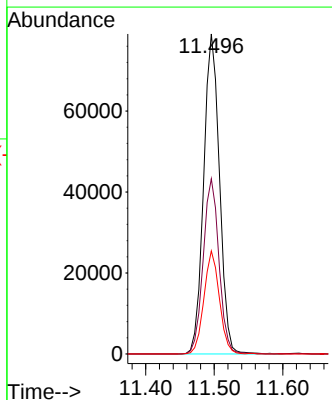
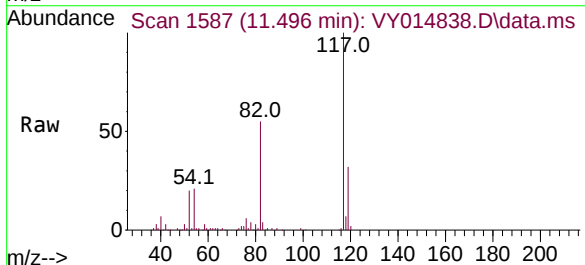
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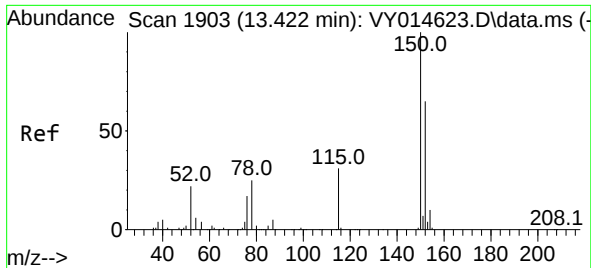
Tgt Ion: 95 Resp: 56668
Ion Ratio Lower Upper
95 100
174 81.1 0.0 178.2
176 77.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY014838.D
Acq: 26 Jul 2023 06:16

Tgt Ion: 117 Resp: 127189
Ion Ratio Lower Upper
117 100
82 54.7 43.4 65.0
119 32.2 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: VY014838.D
 Acq: 26 Jul 2023 06:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P29B

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	28.8	86.5
150	159.1	0.0	348.8

