

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014832.D
 Acq On : 26 Jul 2023 03:55
 Operator : SY/MD
 Sample : 03741-13
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P6B

Quant Time: Jul 26 04:26:52 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)

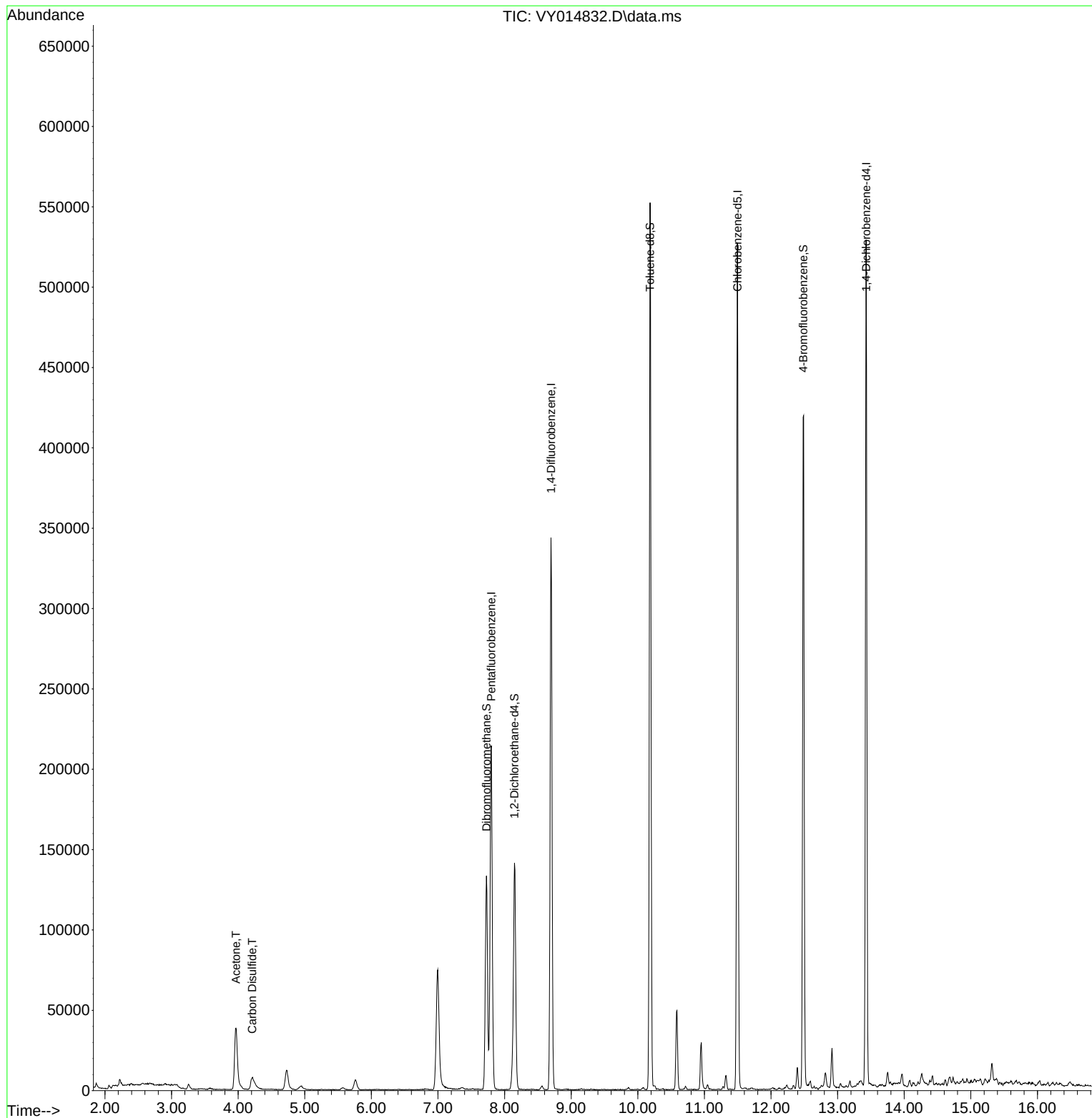
Internal Standards						
1) Pentafluorobenzene	7.801	168	165768	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	295799	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.495	117	281708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	129645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	107510	56.914	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.820%
35) Dibromofluoromethane	7.728	113	92786	49.276	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.560%
50) Toluene-d8	10.185	98	352907	50.835	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.680%
62) 4-Bromofluorobenzene	12.483	95	128183	48.155	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.300%
Target Compounds						Qvalue
16) Acetone	3.966	43	75425	126.003	ug/l	93
17) Carbon Disulfide	4.210	76	12423	2.658	ug/l	99

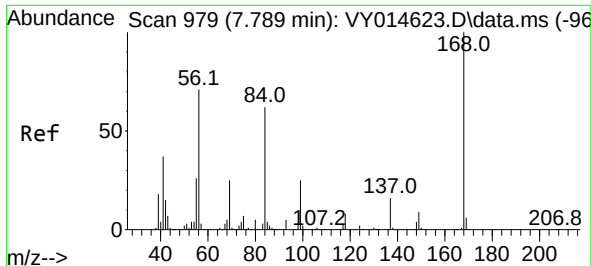
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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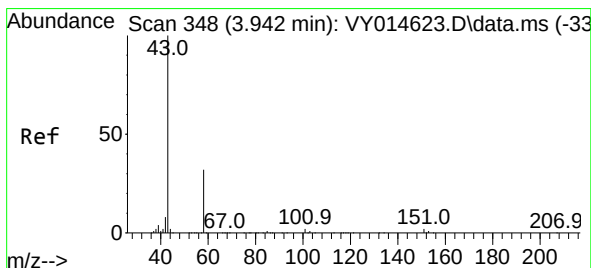
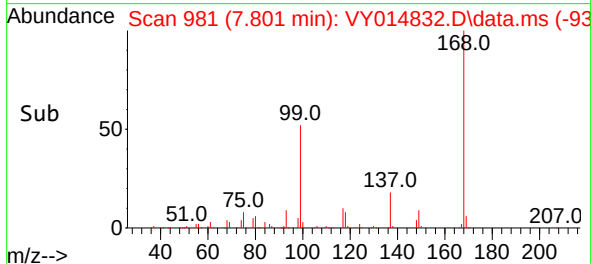
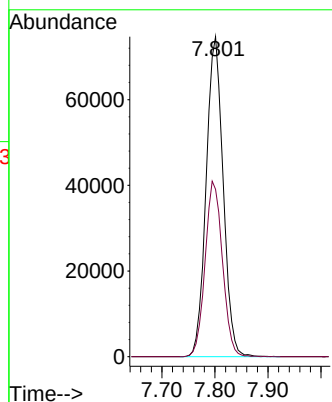
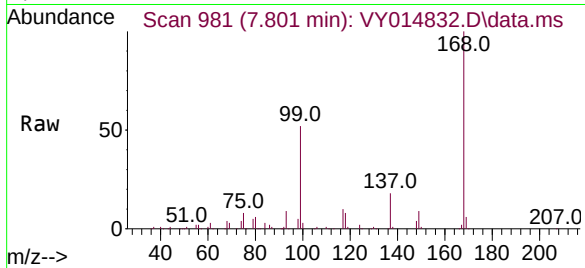




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014832.D
Acq: 26 Jul 2023 03:55

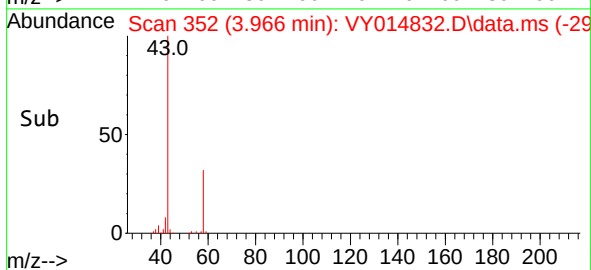
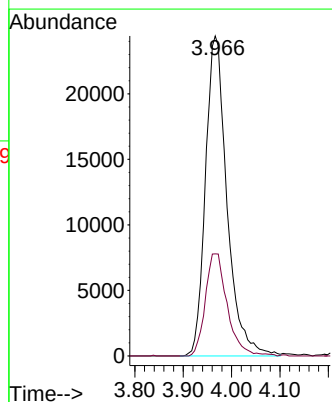
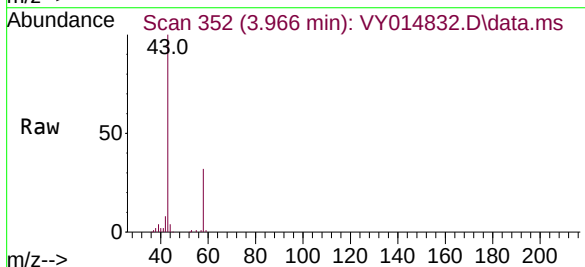
Instrument :
MSVOA_Y
ClientSampleId :
B-P6B

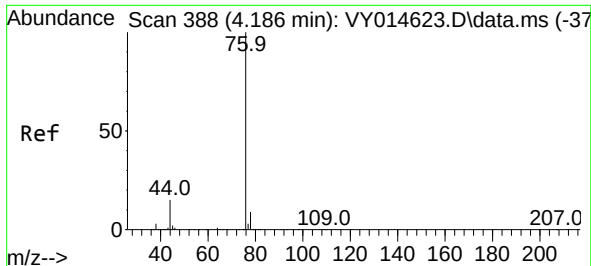
Tgt Ion:168 Resp: 165768
Ion Ratio Lower Upper
168 100
99 52.3 43.4 65.0



#16
Acetone
Concen: 126.003 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.024 min
Lab File: VY014832.D
Acq: 26 Jul 2023 03:55

Tgt Ion: 43 Resp: 75425
Ion Ratio Lower Upper
43 100
58 31.9 22.7 34.1

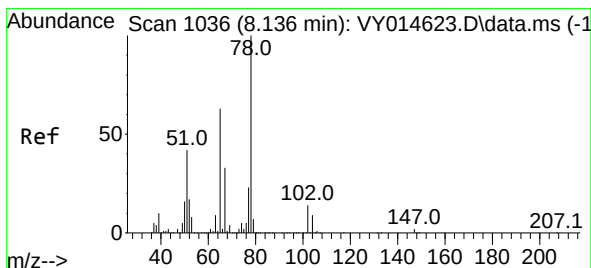
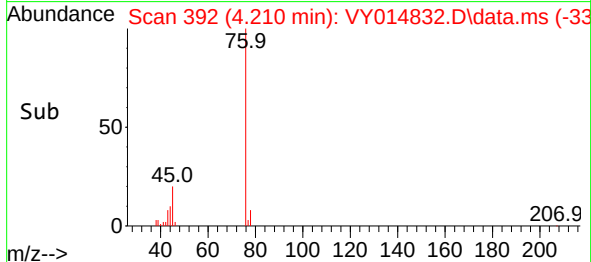
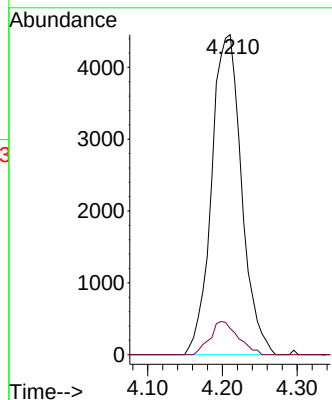
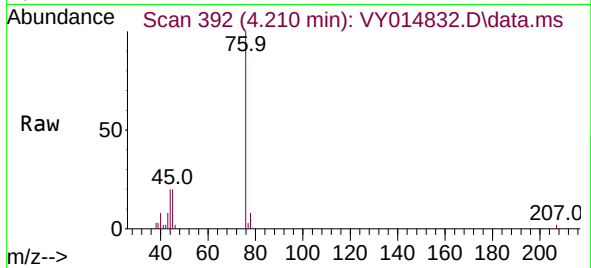




#17
Carbon Disulfide
Concen: 2.658 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.024 min
Lab File: VY014832.D
Acq: 26 Jul 2023 03:55

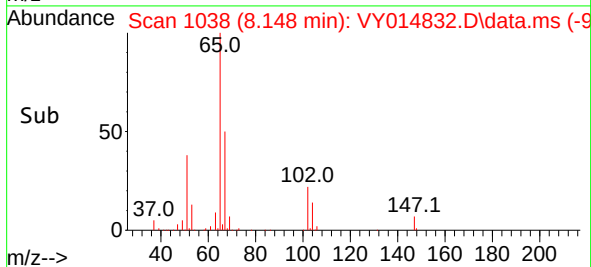
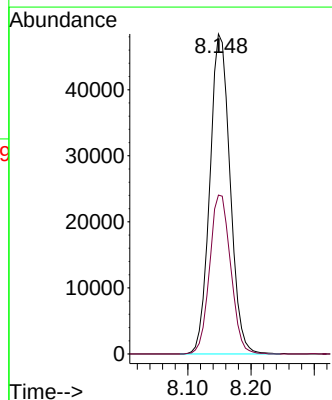
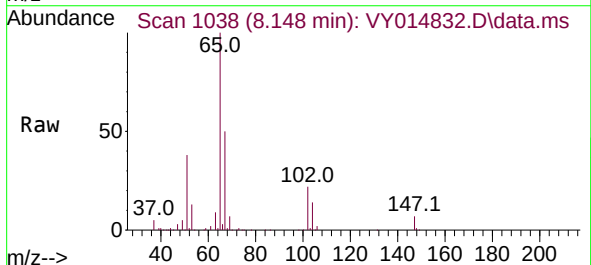
Instrument :
MSVOA_Y
ClientSampleId :
B-P6B

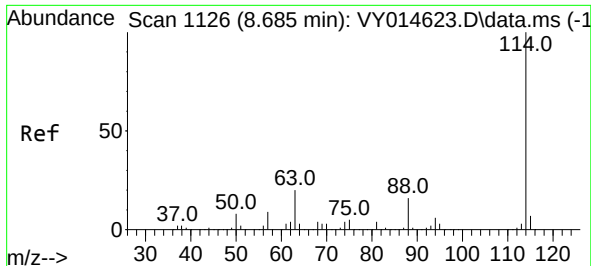
Tgt Ion: 76 Resp: 12423
Ion Ratio Lower Upper
76 100
78 8.2 7.0 10.4



#33
1,2-Dichloroethane-d4
Concen: 56.914 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.012 min
Lab File: VY014832.D
Acq: 26 Jul 2023 03:55

Tgt Ion: 65 Resp: 107510
Ion Ratio Lower Upper
65 100
67 51.6 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1126

Delta R.T. 0.012 min

Lab File: VY014832.D

Acq: 26 Jul 2023 03:55

Instrument :

MSVOA_Y

ClientSampleId :

B-P6B

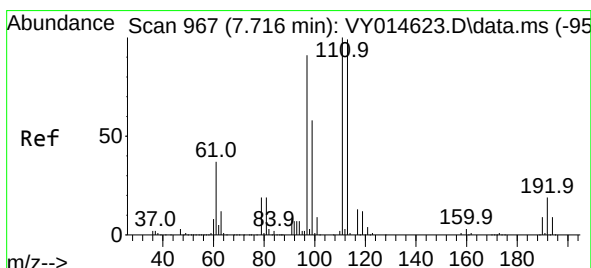
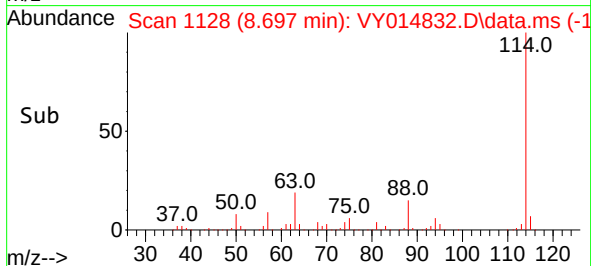
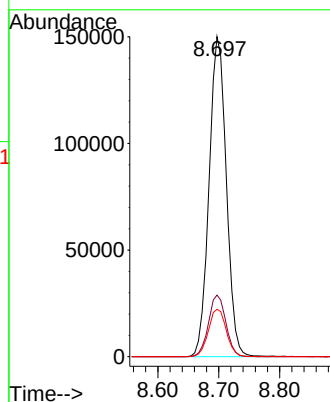
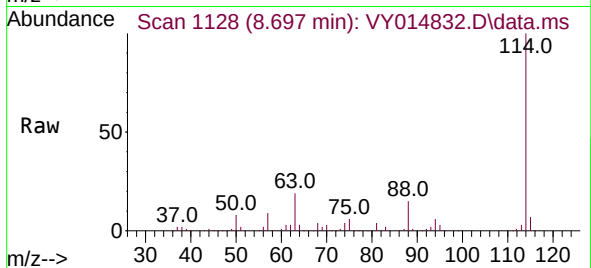
Tgt Ion:114 Resp: 295799

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.276 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY014832.D

Acq: 26 Jul 2023 03:55

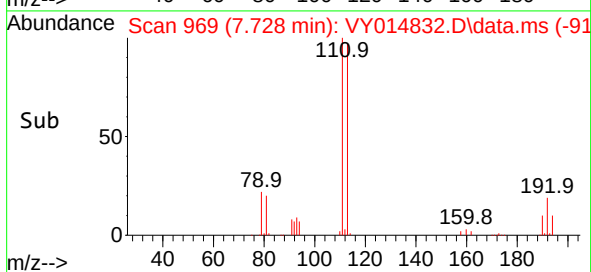
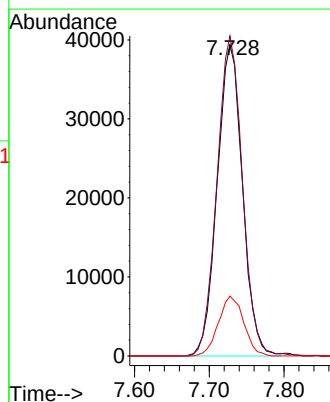
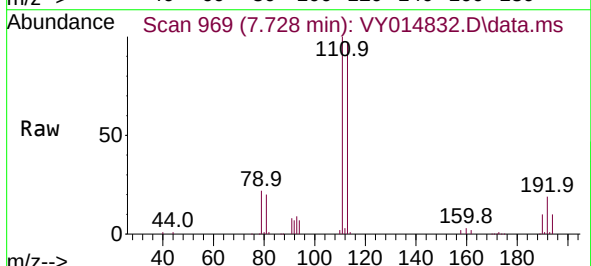
Tgt Ion:113 Resp: 92786

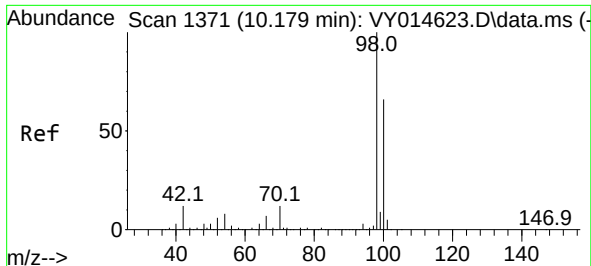
Ion Ratio Lower Upper

113 100

111 103.3 81.3 121.9

192 19.2 16.9 25.3

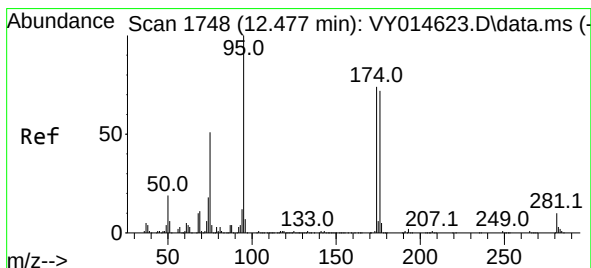
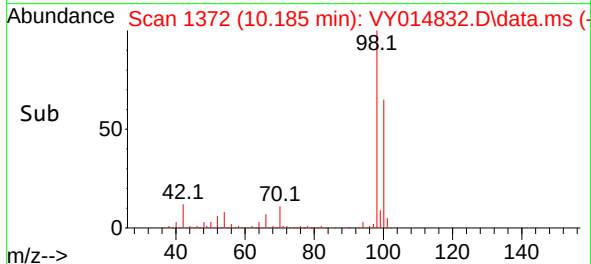
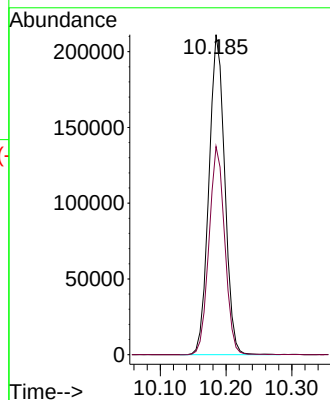
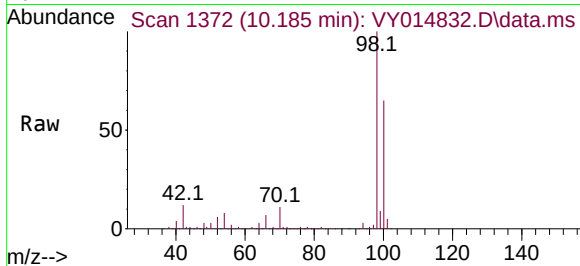




#50
Toluene-d8
Concen: 50.835 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014832.D
Acq: 26 Jul 2023 03:55

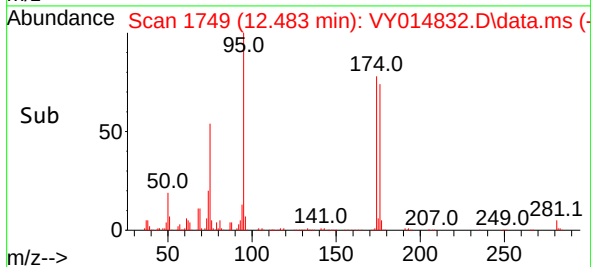
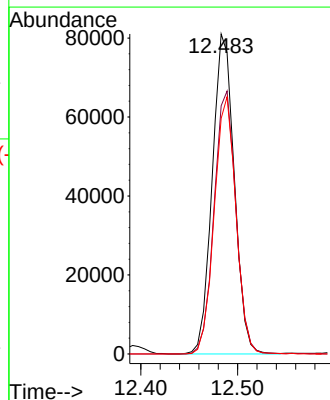
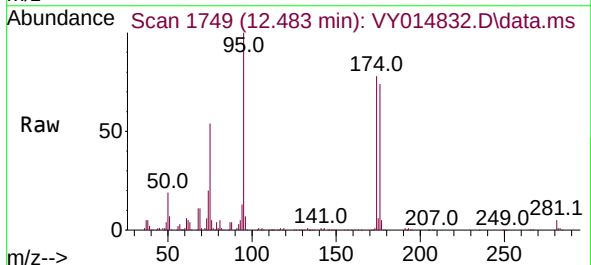
Instrument :
MSVOA_Y
ClientSampleId :
B-P6B

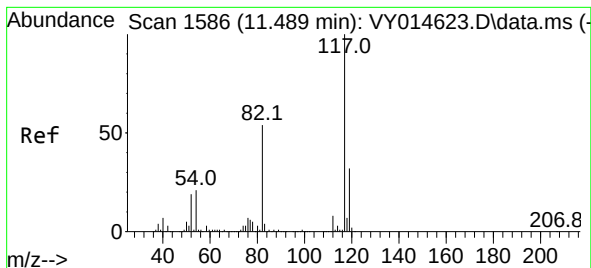
Tgt Ion: 98 Resp: 352907
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.155 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014832.D
Acq: 26 Jul 2023 03:55

Tgt Ion: 95 Resp: 128183
Ion Ratio Lower Upper
95 100
174 81.3 0.0 178.2
176 79.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014832.D

Acq: 26 Jul 2023 03:55

Instrument :

MSVOA_Y

ClientSampleId :

B-P6B

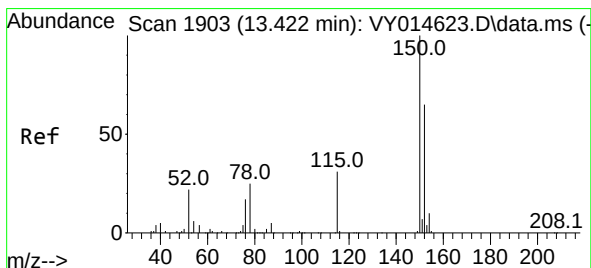
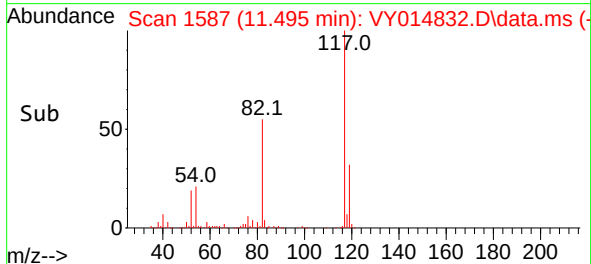
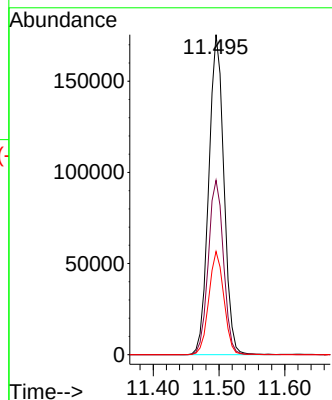
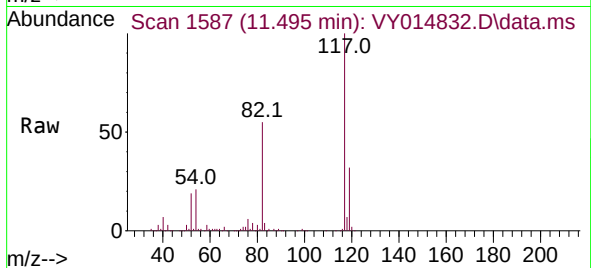
Tgt Ion:117 Resp: 281708

Ion Ratio Lower Upper

117 100

82 54.5 43.4 65.0

119 32.3 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: VY014832.D

Acq: 26 Jul 2023 03:55

Tgt Ion:152 Resp: 129645

Ion Ratio Lower Upper

152 100

115 59.5 28.8 86.5

150 157.9 0.0 348.8

