

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072123\
 Data File : VY014751.D
 Acq On : 21 Jul 2023 16:54
 Operator : SY/MD
 Sample : 03706-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P9A

Quant Time: Jul 22 05:39:13 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)

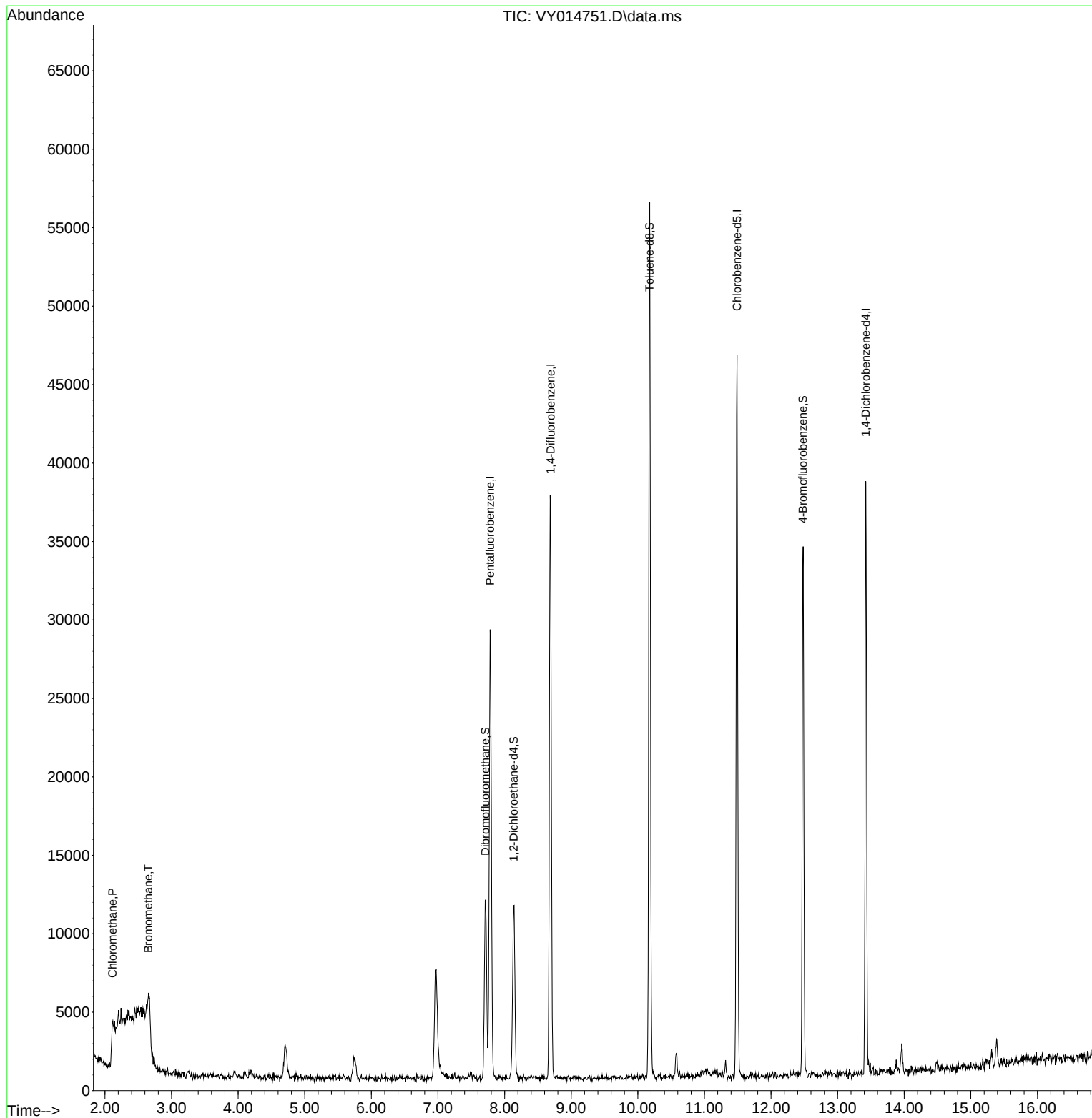
Internal Standards						
1) Pentafluorobenzene	7.783	168	22439	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	33803	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	25109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	9582	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	9001	35.201	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	70.400%
35) Dibromofluoromethane	7.710	113	8333	38.725	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.460%
50) Toluene-d8	10.179	98	37172	46.856	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.720%
62) 4-Bromofluorobenzene	12.477	95	10540	34.649	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	69.300%
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	686	3.338	ug/l #	82
5) Bromomethane	2.650	94	663	4.368	ug/l	89

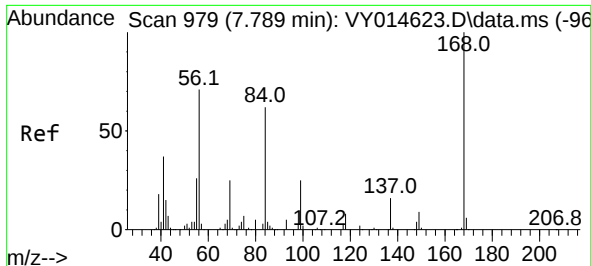
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072123\
Data File : VY014751.D
Acq On : 21 Jul 2023 16:54
Operator : SY/MD
Sample : 03706-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-P9A

Quant Time: Jul 22 05:39:13 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

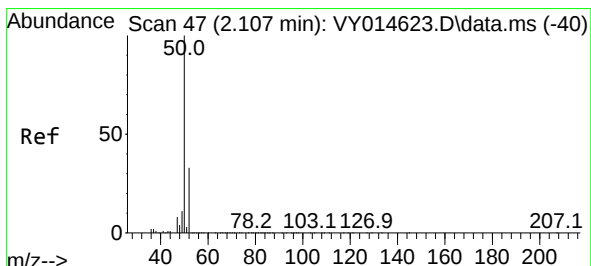
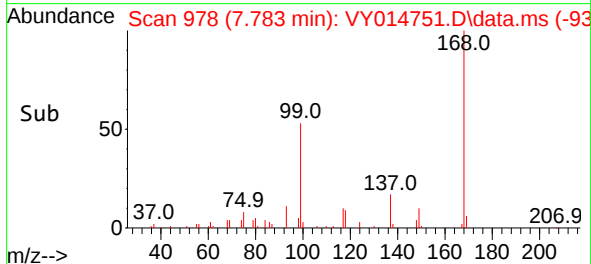
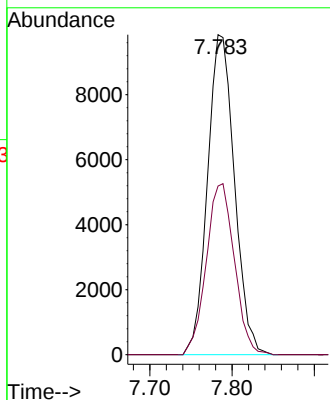
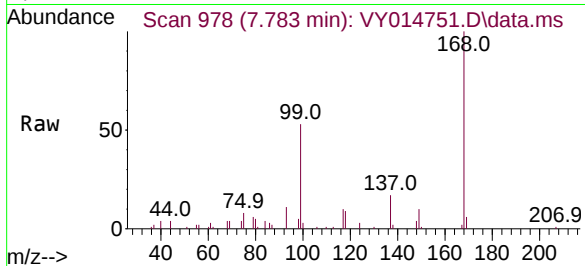




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014751.D
Acq: 21 Jul 2023 16:54

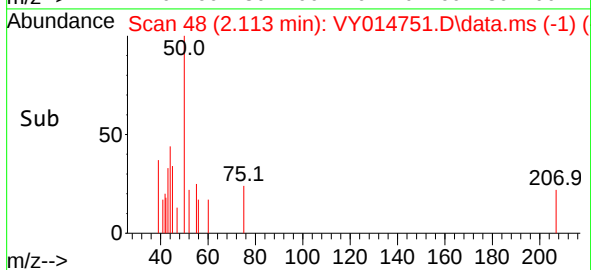
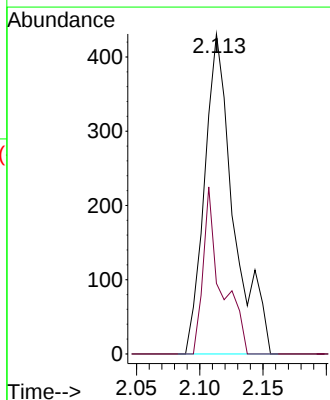
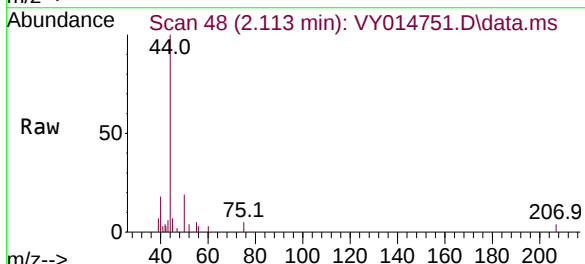
Instrument :
MSVOA_Y
ClientSampleId :
B-P9A

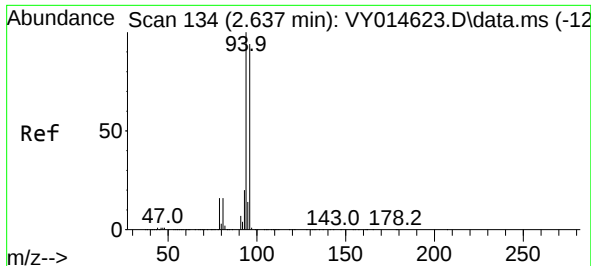
Tgt Ion:168 Resp: 22439
Ion Ratio Lower Upper
168 100
99 52.7 43.4 65.0



#3
Chloromethane
Concen: 3.338 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY014751.D
Acq: 21 Jul 2023 16:54

Tgt Ion: 50 Resp: 686
Ion Ratio Lower Upper
50 100
52 22.0 25.4 38.2#

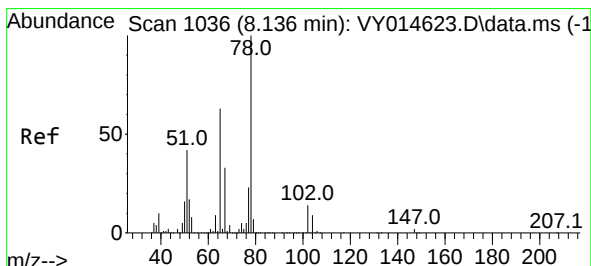
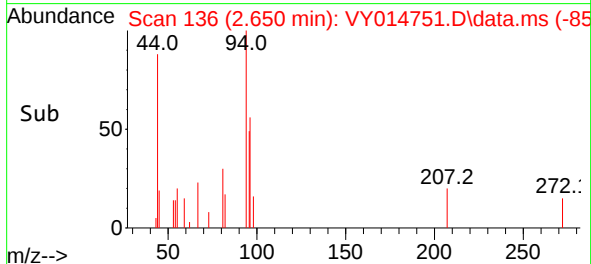
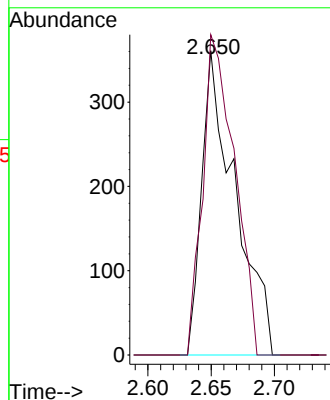
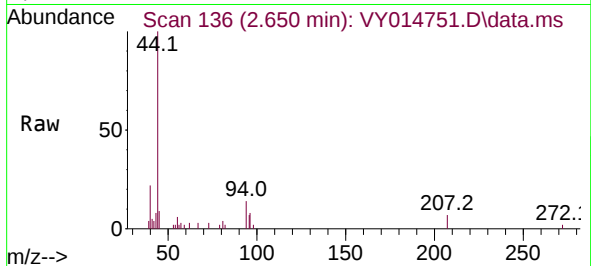




#5
Bromomethane
Concen: 4.368 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY014751.D
Acq: 21 Jul 2023 16:54

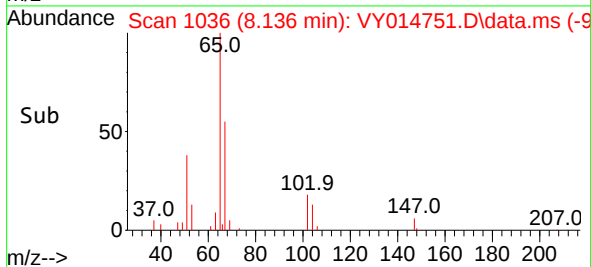
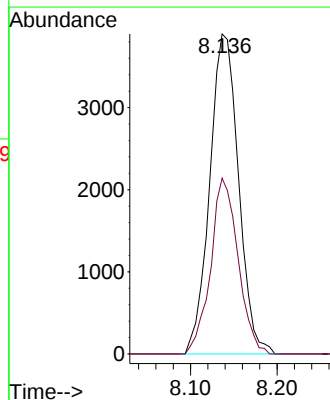
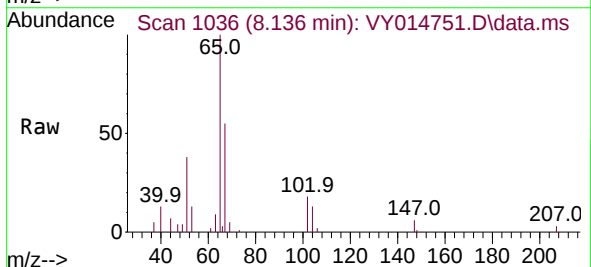
Instrument :
MSVOA_Y
ClientSampleId :
B-P9A

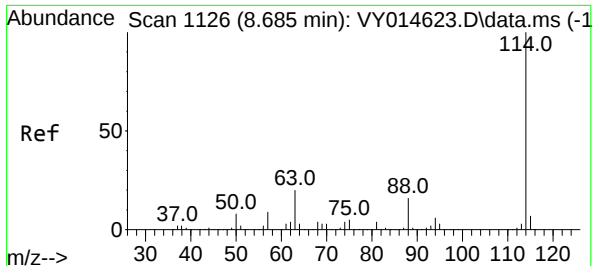
Tgt Ion: 94 Resp: 663
Ion Ratio Lower Upper
94 100
96 105.3 75.8 113.6



#33
1,2-Dichloroethane-d4
Concen: 35.201 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014751.D
Acq: 21 Jul 2023 16:54

Tgt Ion: 65 Resp: 9001
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY014751.D

Acq: 21 Jul 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

B-P9A

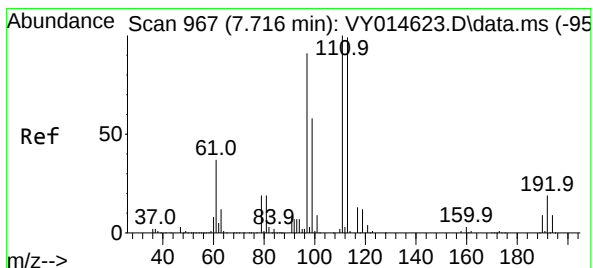
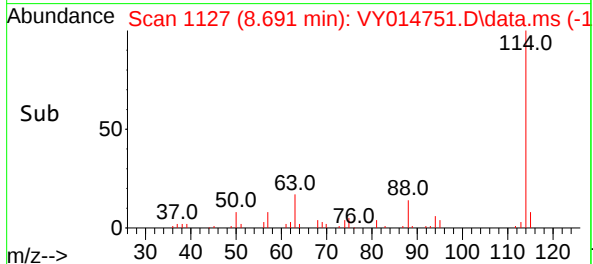
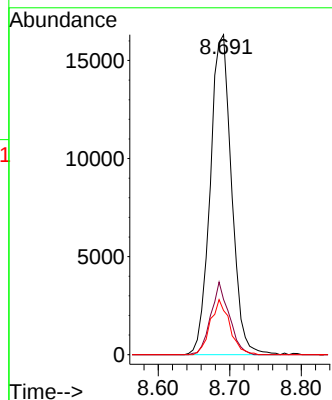
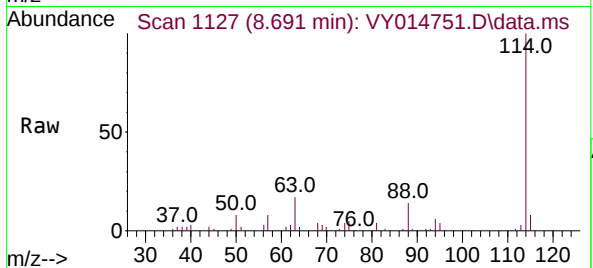
Tgt Ion:114 Resp: 33803

Ion Ratio Lower Upper

114 100

63 17.3 0.0 42.4

88 13.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 38.725 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014751.D

Acq: 21 Jul 2023 16:54

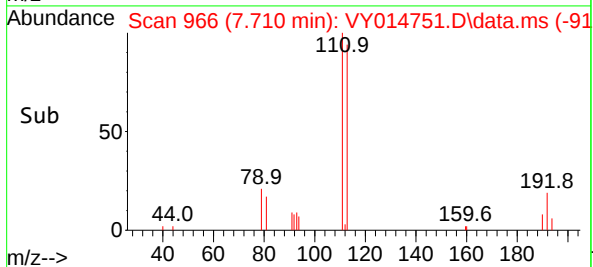
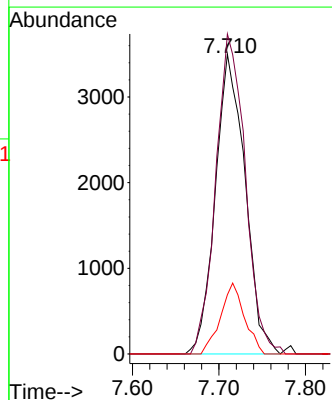
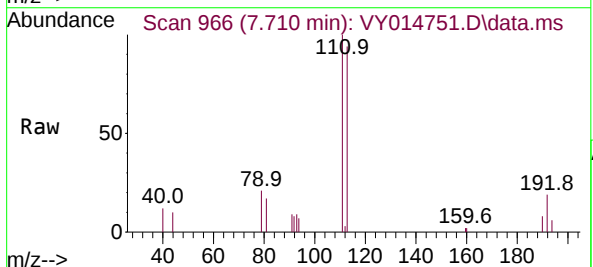
Tgt Ion:113 Resp: 8333

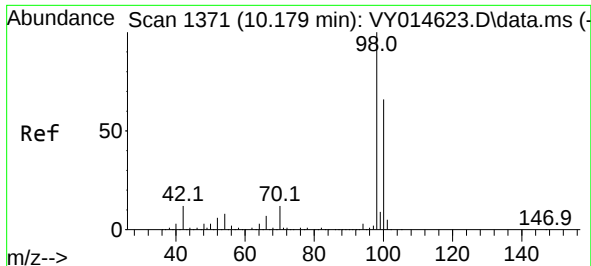
Ion Ratio Lower Upper

113 100

111 106.0 81.3 121.9

192 19.1 16.9 25.3

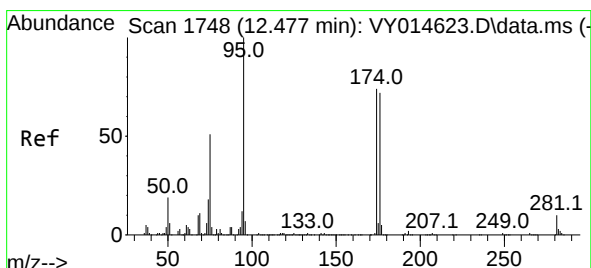
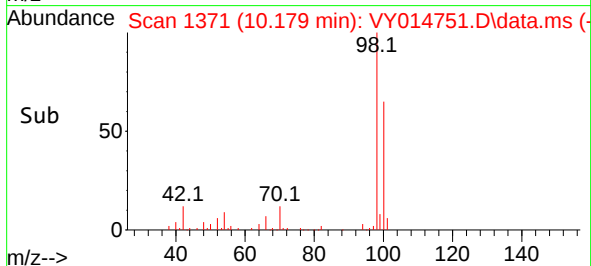
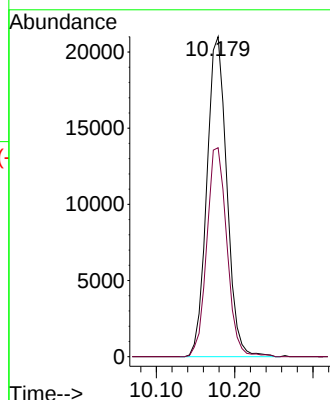
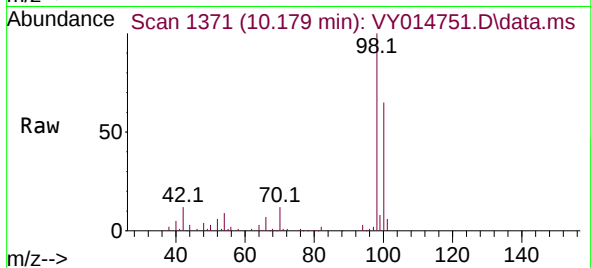




#50
Toluene-d8
Concen: 46.856 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014751.D
Acq: 21 Jul 2023 16:54

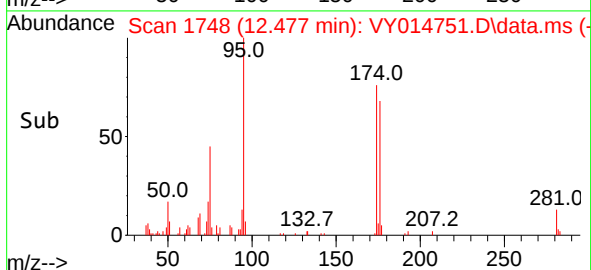
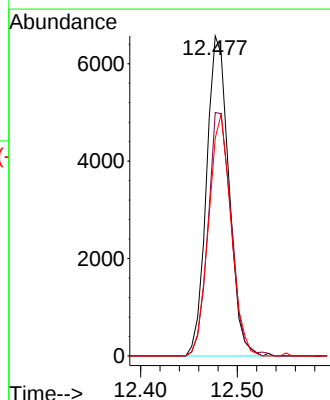
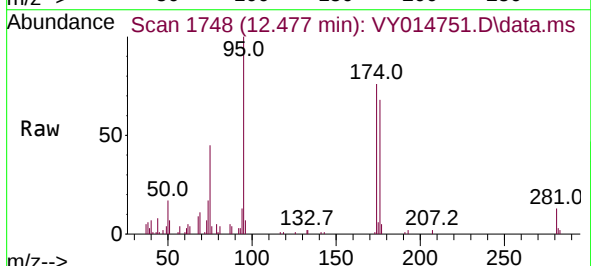
Instrument :
MSVOA_Y
ClientSampleId :
B-P9A

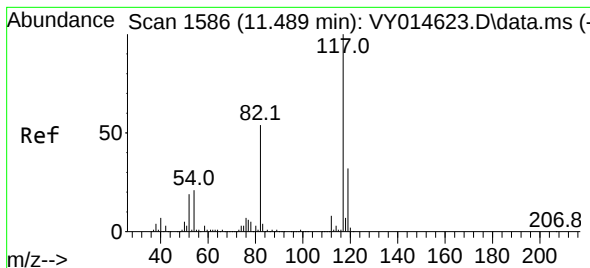
Tgt Ion: 98 Resp: 37172
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 34.649 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014751.D
Acq: 21 Jul 2023 16:54

Tgt Ion: 95 Resp: 10540
Ion Ratio Lower Upper
95 100
174 78.8 0.0 178.2
176 75.8 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: VY014751.D

Acq: 21 Jul 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

B-P9A

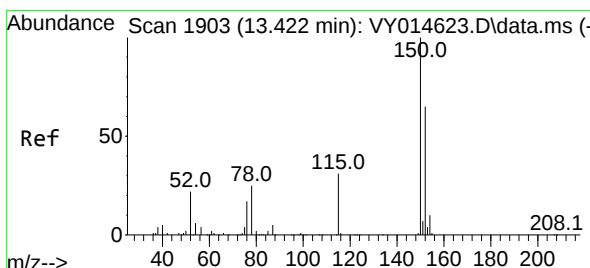
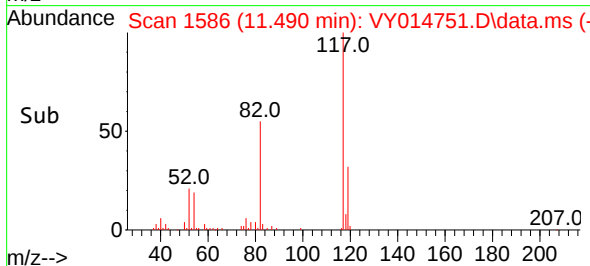
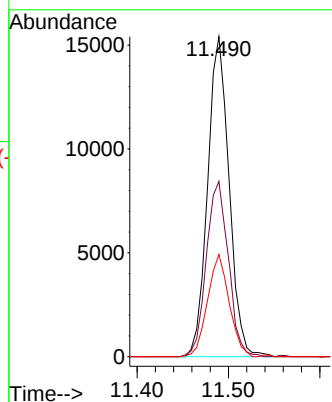
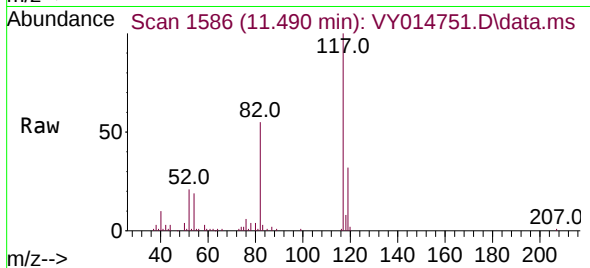
Tgt Ion:117 Resp: 25109

Ion Ratio Lower Upper

117 100

82 54.8 43.4 65.0

119 32.0 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014751.D

Acq: 21 Jul 2023 16:54

Tgt Ion:152 Resp: 9582

Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 159.9 0.0 348.8

