

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022124\
 Data File : VY017433.D
 Acq On : 21 Feb 2024 13:21
 Operator : SY/MD
 Sample : P1547-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-022024

Quant Time: Feb 22 03:24:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 20 06:16:24 2024
 Response via : Initial Calibration

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

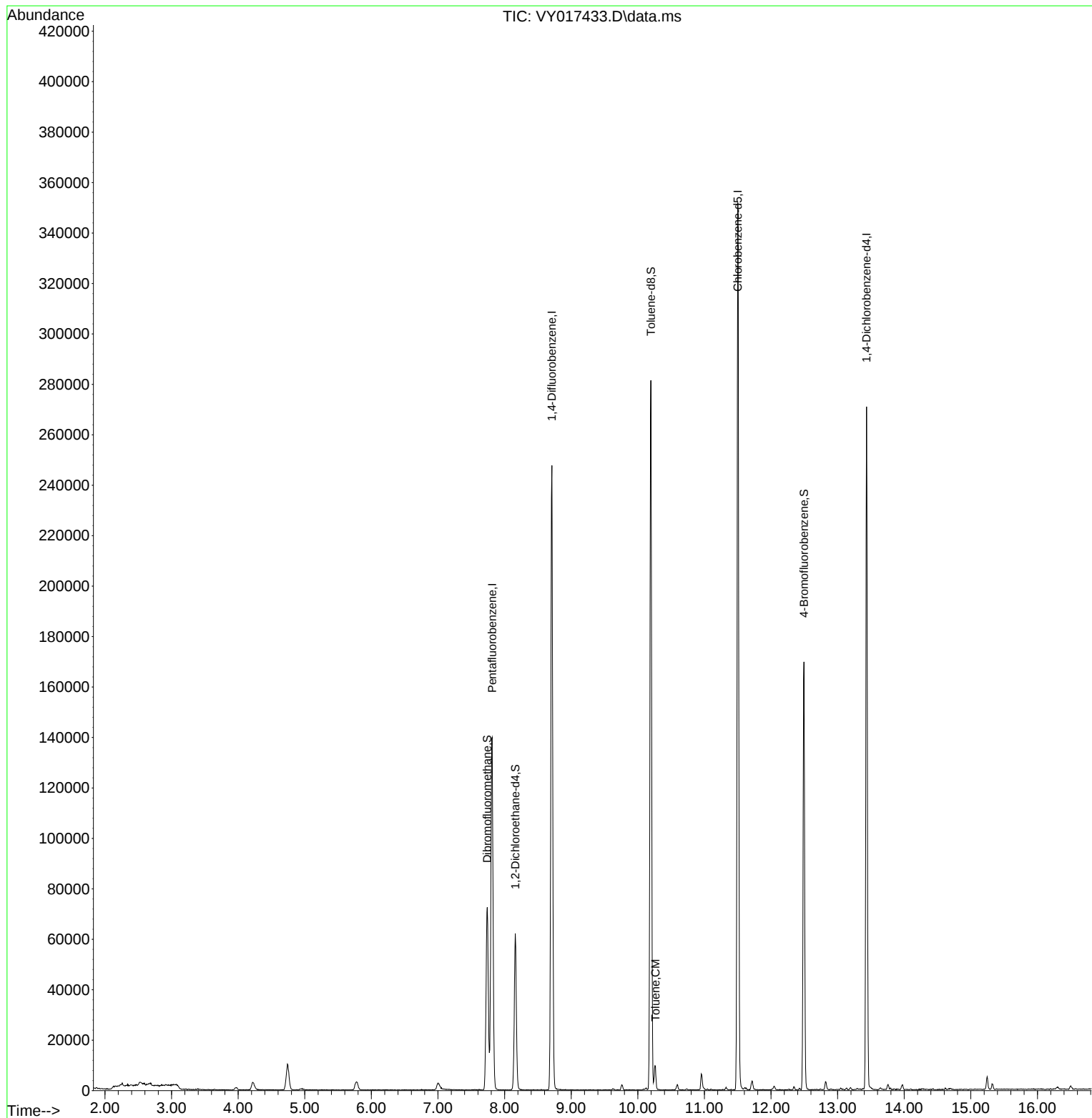
Internal Standards						
1) Pentafluorobenzene	7.813	168	113560	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	217880	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	195189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	70172	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	45049	46.436	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.880%
35) Dibromofluoromethane	7.740	113	52787	41.389	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.780%
50) Toluene-d8	10.197	98	191496	38.714	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	77.420%
62) 4-Bromofluorobenzene	12.495	95	50253	31.137	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	62.280%
Target Compounds						
52) Toluene	10.264	92	4101	1.056	ug/l	Qvalue 93

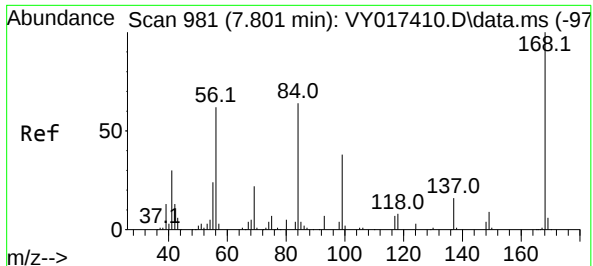
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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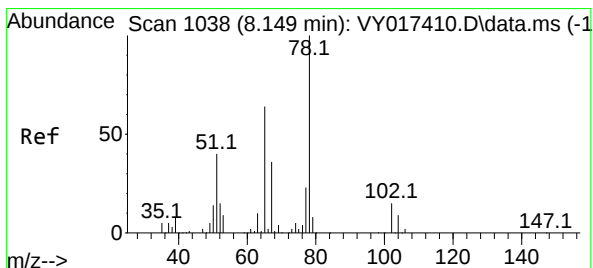
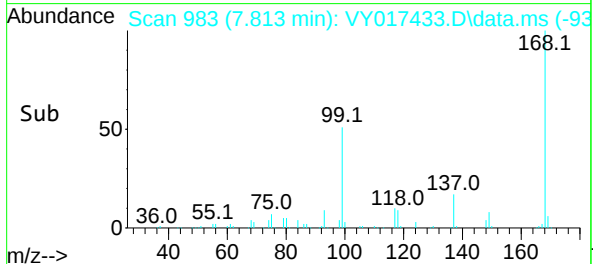
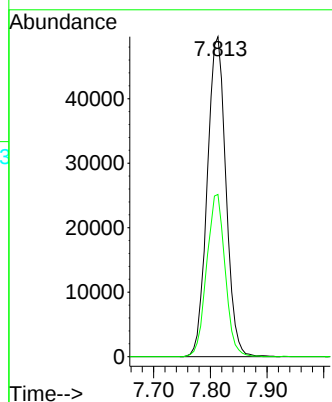
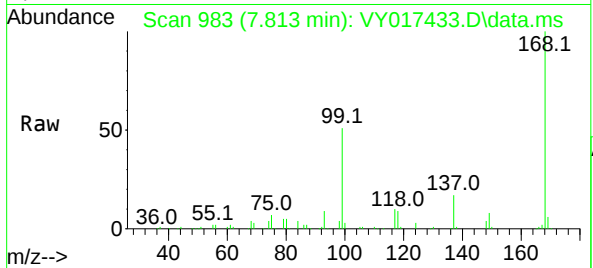




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017433.D
Acq: 21 Feb 2024 13:21

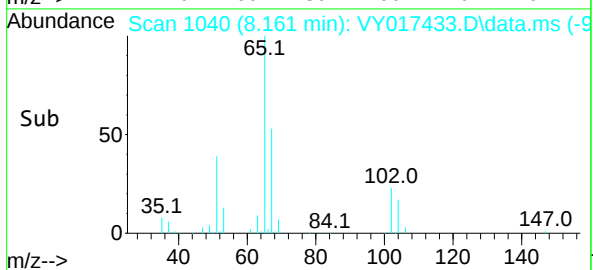
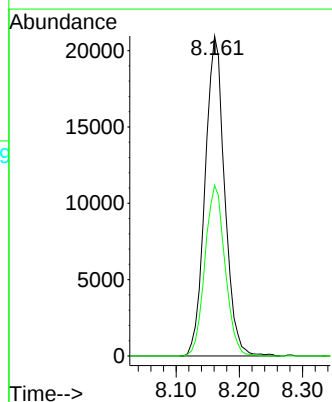
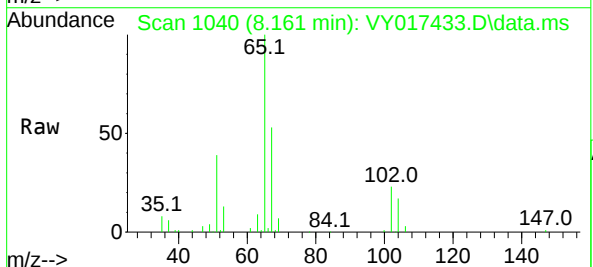
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-022024

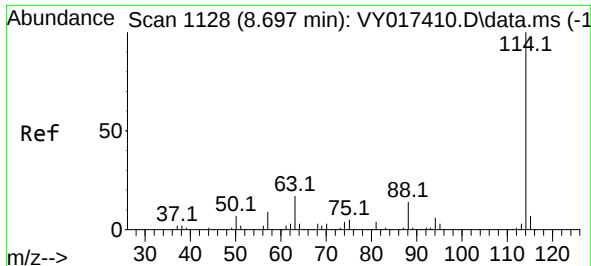
Tgt Ion:168 Resp: 113560
Ion Ratio Lower Upper
168 100
99 50.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 46.436 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.012 min
Lab File: VY017433.D
Acq: 21 Feb 2024 13:21

Tgt Ion: 65 Resp: 45049
Ion Ratio Lower Upper
65 100
67 54.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY017433.D

Acq: 21 Feb 2024 13:21

Instrument :

MSVOA_Y

ClientSampleId :

OR-03-022024

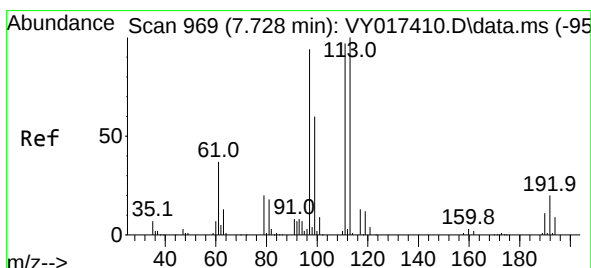
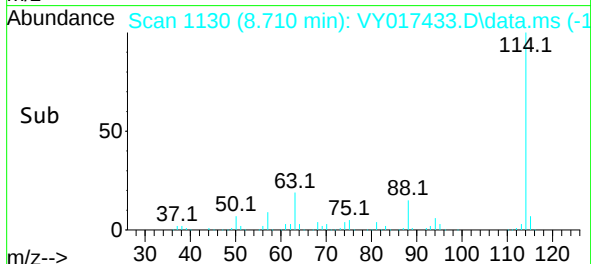
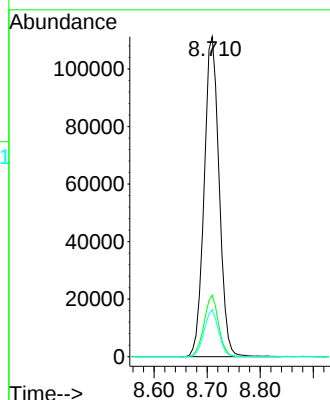
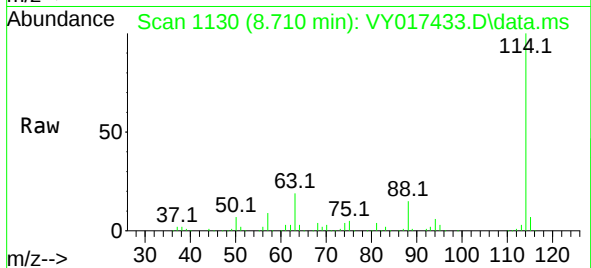
Tgt Ion:114 Resp: 217880

Ion Ratio Lower Upper

114 100

63 19.2 0.0 35.0

88 14.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 41.389 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY017433.D

Acq: 21 Feb 2024 13:21

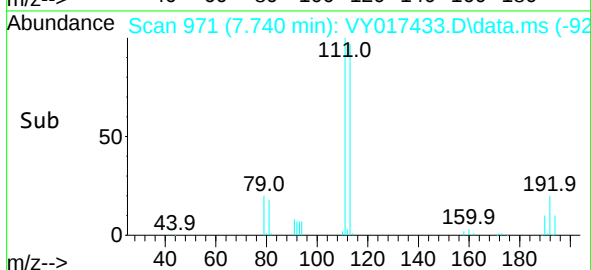
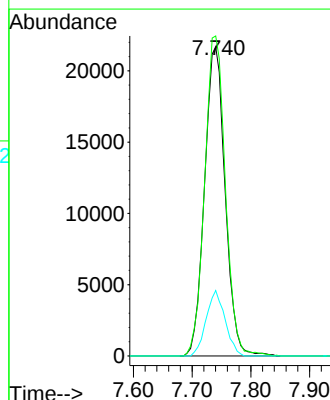
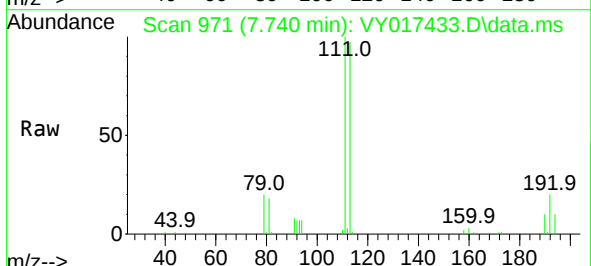
Tgt Ion:113 Resp: 52787

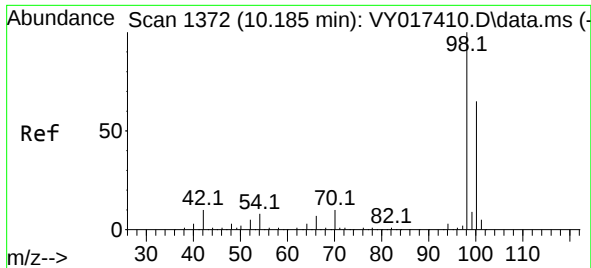
Ion Ratio Lower Upper

113 100

111 104.1 82.2 123.4

192 19.5 15.9 23.9

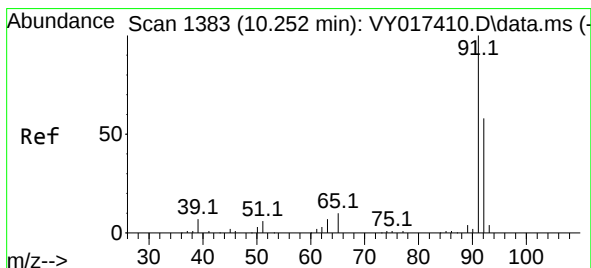
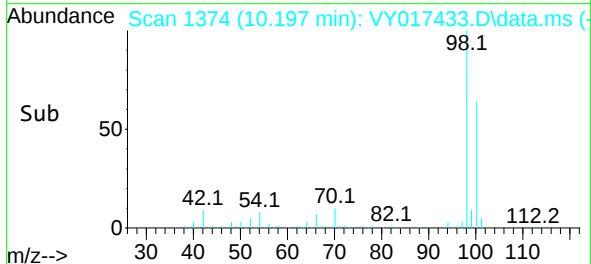
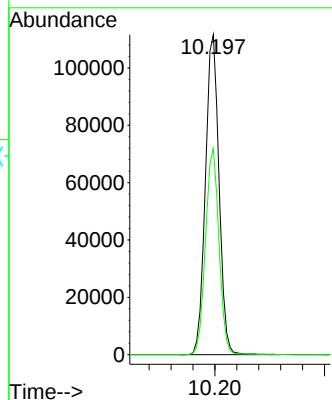
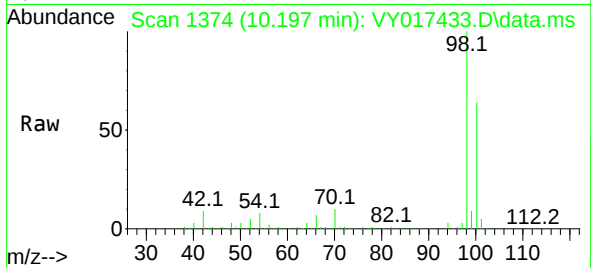




#50
Toluene-d8
Concen: 38.714 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017433.D
Acq: 21 Feb 2024 13:21

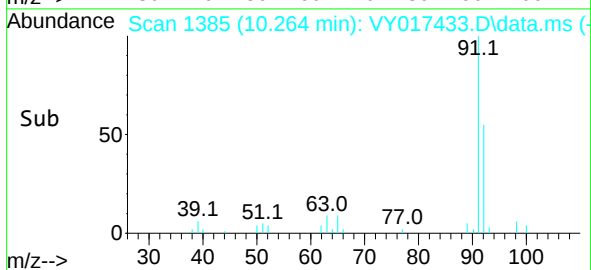
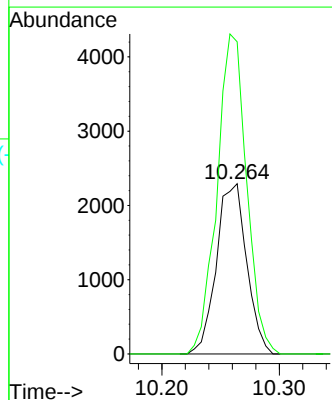
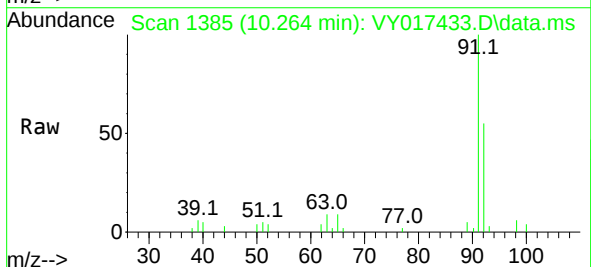
Instrument :
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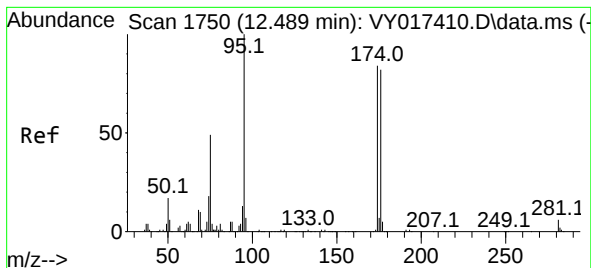
Tgt Ion: 98 Resp: 191496
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#52
Toluene
Concen: 1.056 ug/l
RT: 10.264 min Scan# 1385
Delta R.T. 0.012 min
Lab File: VY017433.D
Acq: 21 Feb 2024 13:21

Tgt Ion: 92 Resp: 4101
Ion Ratio Lower Upper
92 100
91 184.1 139.0 208.6

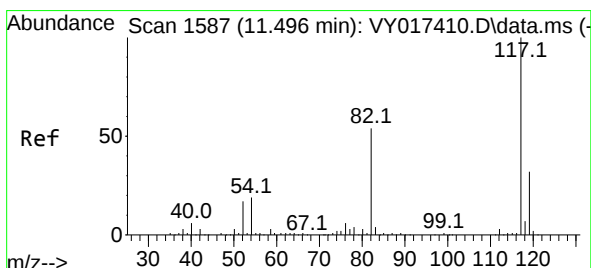
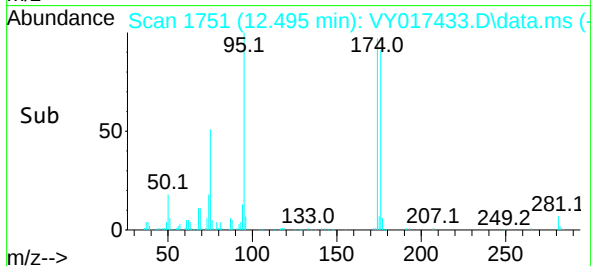
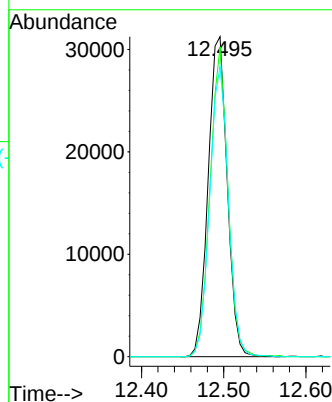
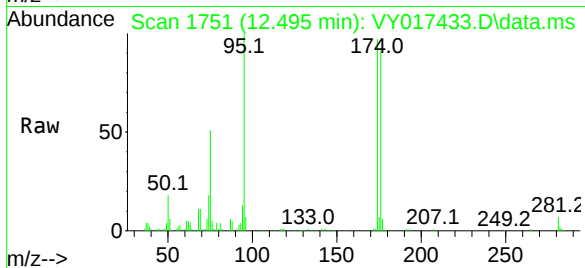




#62
4-Bromofluorobenzene
Concen: 31.137 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017433.D
Acq: 21 Feb 2024 13:21

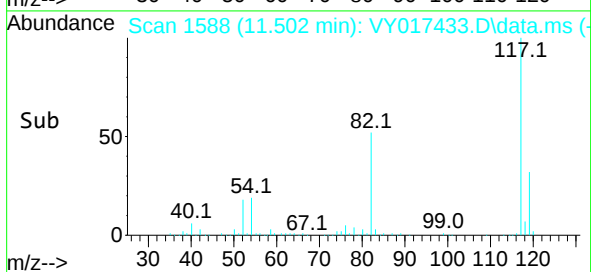
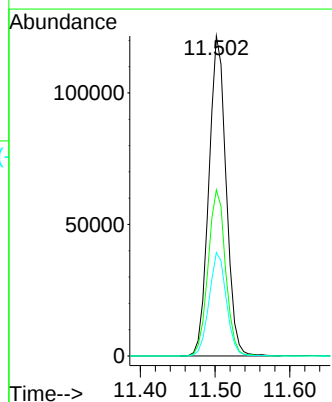
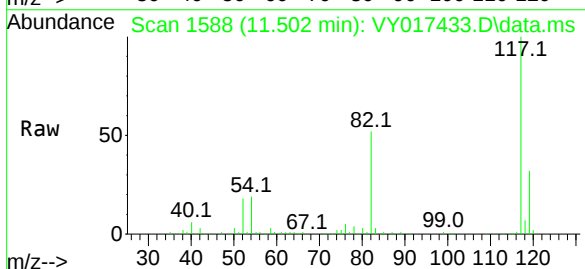
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-022024

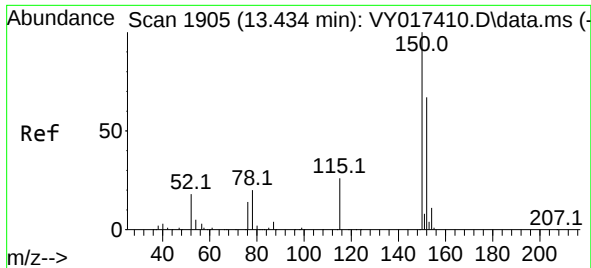
Tgt Ion: 95	Resp: 50253
Ion Ratio	Lower Upper
95 100	
174 91.3	0.0 175.6
176 88.6	0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY017433.D
Acq: 21 Feb 2024 13:21

Tgt Ion: 117	Resp: 195189
Ion Ratio	Lower Upper
117 100	
82 51.9	42.4 63.6
119 32.3	25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.000 min
 Lab File: VY017433.D
 Acq: 21 Feb 2024 13:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-022024

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.3	28.2	84.7
150	157.6	0.0	345.6

