

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111422\
 Data File : VY011438.D
 Acq On : 14 Nov 2022 14:39
 Operator : KP/MD
 Sample : N5508-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AU-06-110722RE

Quant Time: Nov 15 01:49:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

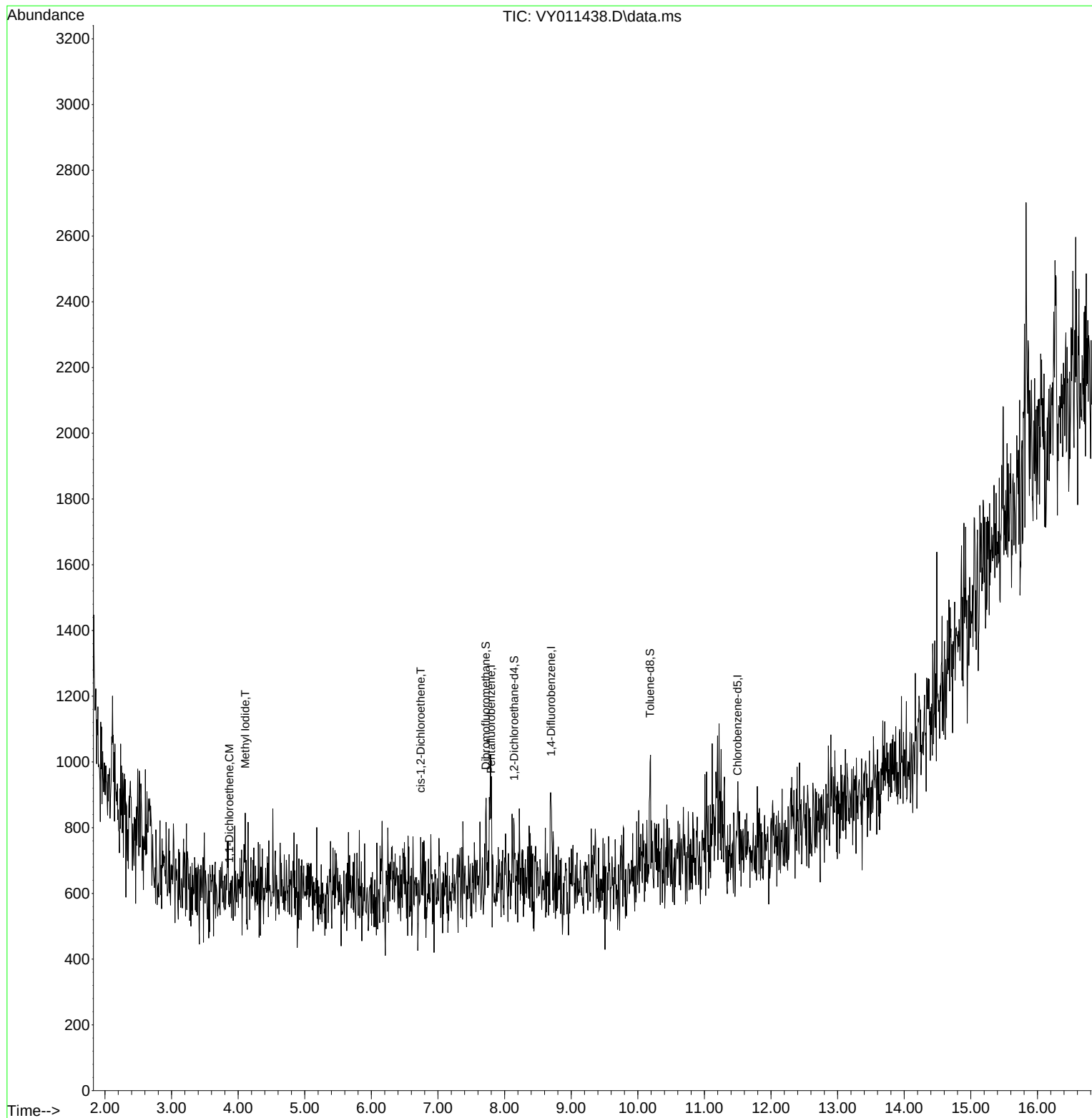
Internal Standards						
1) Pentafluorobenzene	7.795	168	345	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	499	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	169	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.42
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	148	51.193	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.380%
35) Dibromofluoromethane	7.716	113	167	59.717	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.440%
50) Toluene-d8	10.185	98	312	29.204	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	58.400%
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	25 - 144	Recovery	=	0.000%#
Target Compounds						Qvalue
10) Methyl Iodide	4.107	142	137	32.854	ug/l #	35
12) 1,1-Dichloroethene	3.869	96	22	7.107	ug/l #	1
27) cis-1,2-Dichloroethene	6.740	96	19	4.783	ug/l #	1

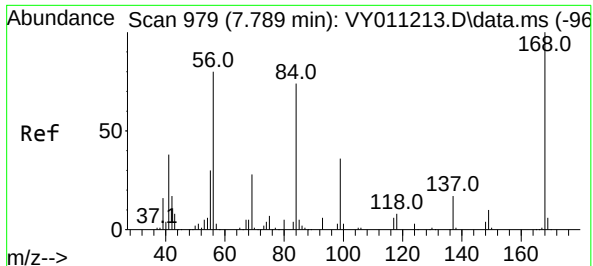
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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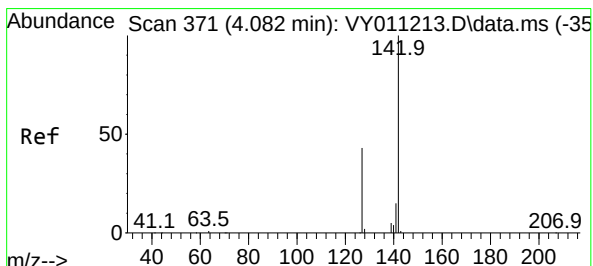
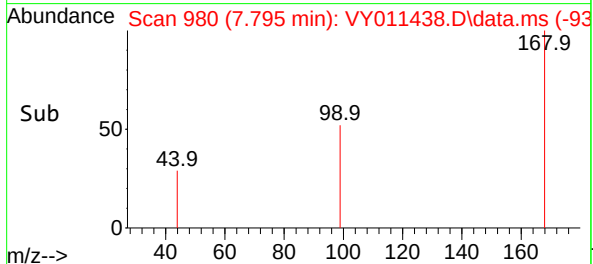
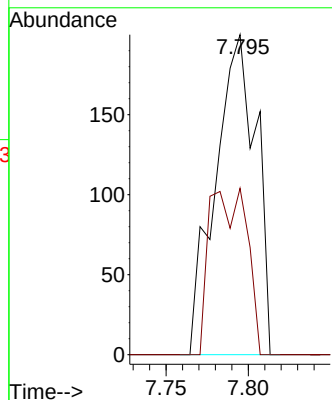
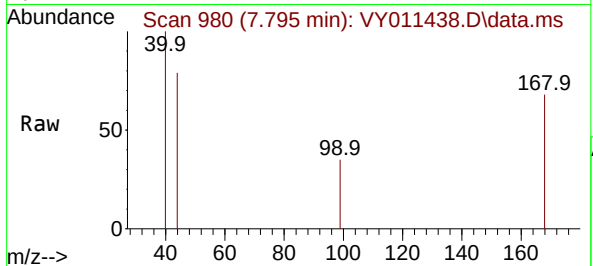




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011438.D
Acq: 14 Nov 2022 14:39

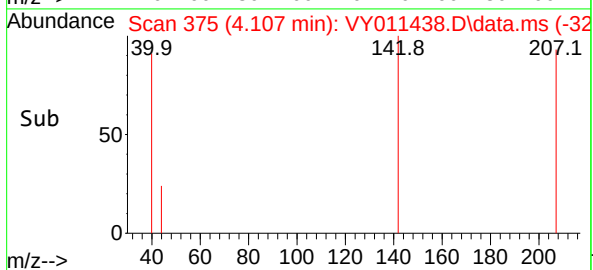
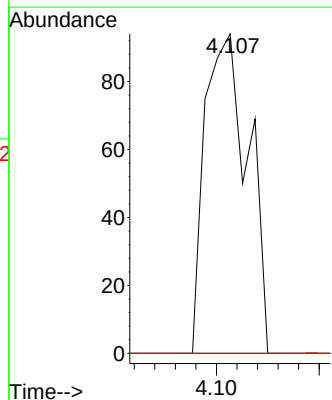
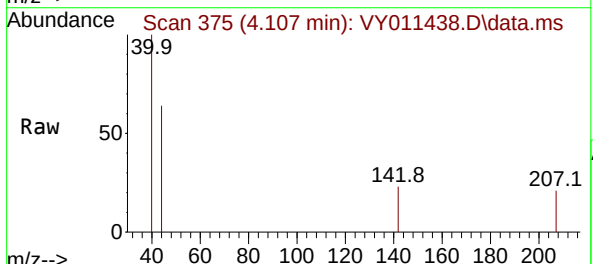
Instrument :
MSVOA_Y
ClientSampleId :
AU-06-110722RE

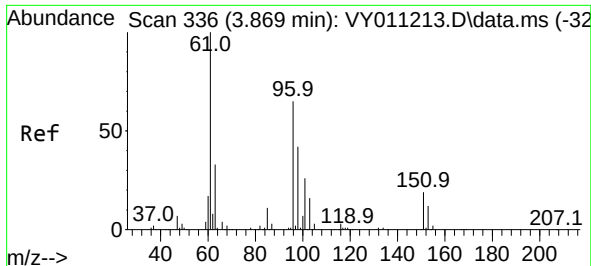
Tgt Ion:168 Resp: 345
Ion Ratio Lower Upper
168 100
99 52.0 46.9 70.3



#10
Methyl Iodide
Concen: 32.854 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.019 min
Lab File: VY011438.D
Acq: 14 Nov 2022 14:39

Tgt Ion:142 Resp: 137
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

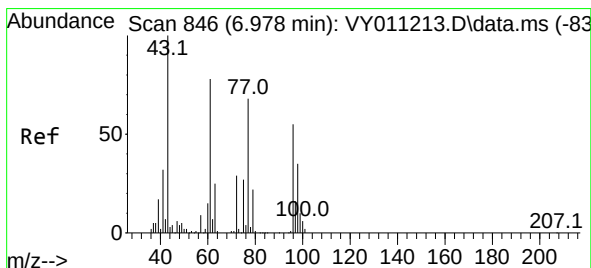
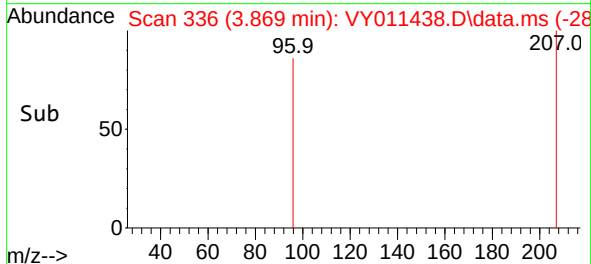
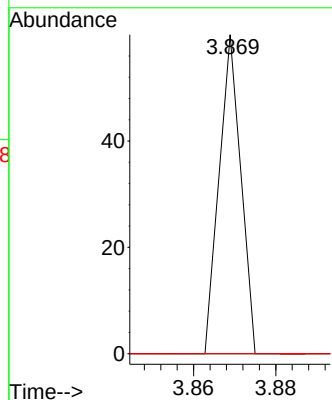
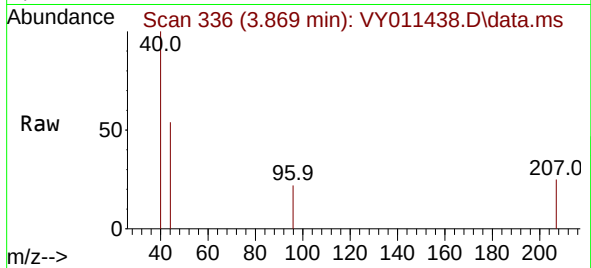




#12
1,1-Dichloroethene
Concen: 7.107 ug/l
RT: 3.869 min Scan# 311
Delta R.T. -0.000 min
Lab File: VY011438.D
Acq: 14 Nov 2022 14:39

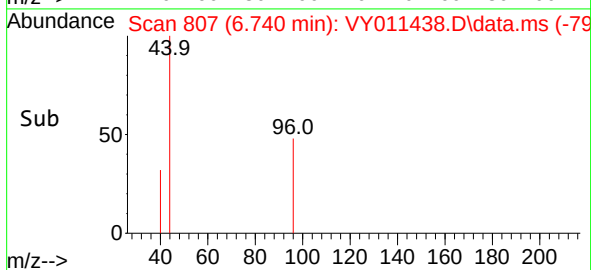
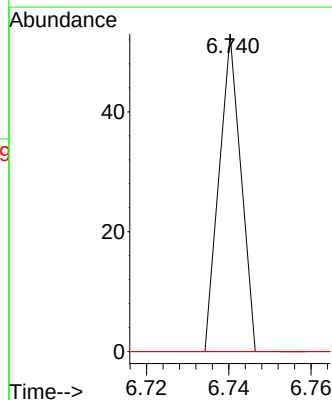
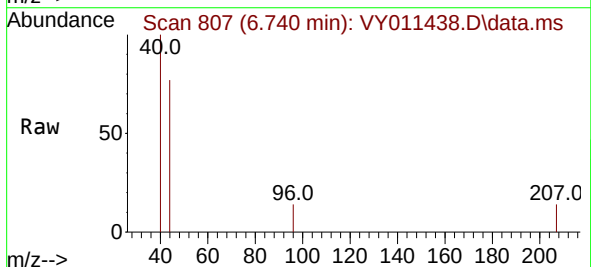
Instrument :
MSVOA_Y
ClientSampleId :
AU-06-110722RE

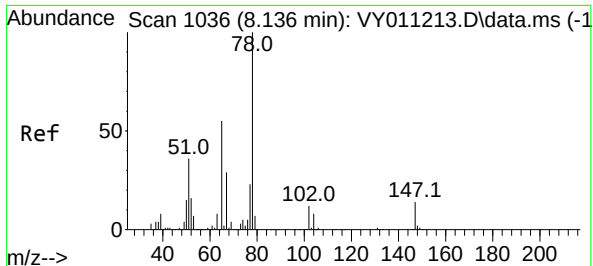
Tgt Ion: 96 Resp: 22
Ion Ratio Lower Upper
96 100
61 0.0 145.8 218.6#
98 0.0 52.5 78.7#



#27
cis-1,2-Dichloroethene
Concen: 4.783 ug/l
RT: 6.740 min Scan# 807
Delta R.T. -0.238 min
Lab File: VY011438.D
Acq: 14 Nov 2022 14:39

Tgt Ion: 96 Resp: 19
Ion Ratio Lower Upper
96 100
61 0.0 0.0 319.8
98 0.0 0.0 127.0





#33

1,2-Dichloroethane-d4

Concen: 51.193 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY011438.D

Acq: 14 Nov 2022 14:39

Instrument :

MSVOA_Y

ClientSampleId :

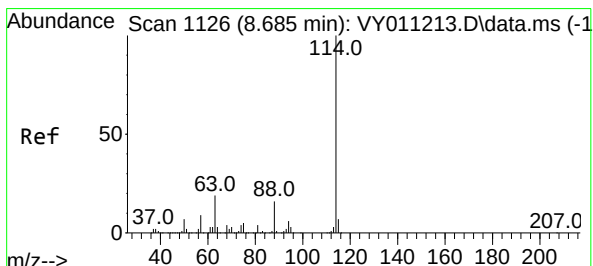
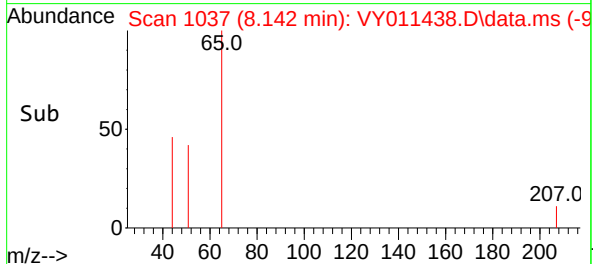
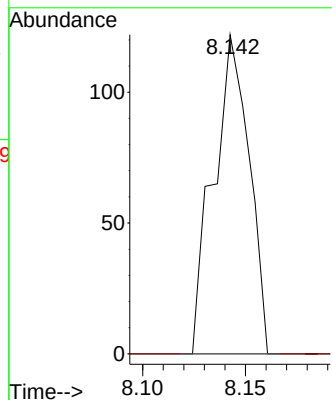
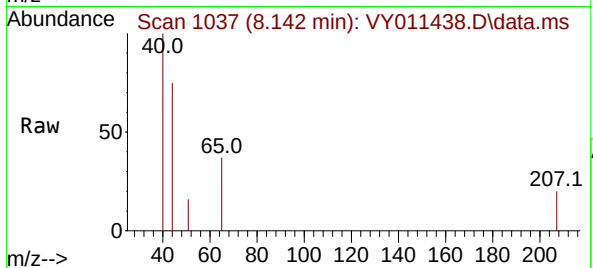
AU-06-110722RE

Tgt Ion: 65 Resp: 148

Ion Ratio Lower Upper

65 100

67 0.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY011438.D

Acq: 14 Nov 2022 14:39

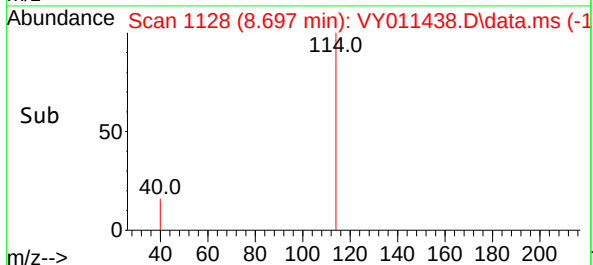
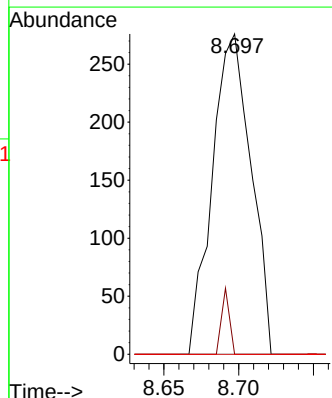
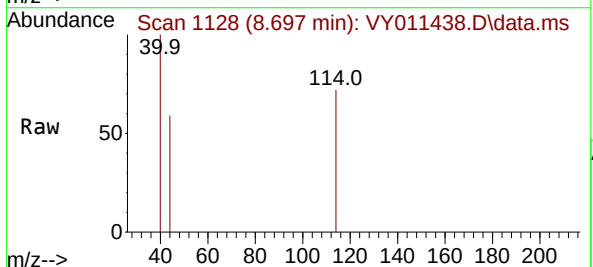
Tgt Ion: 114 Resp: 499

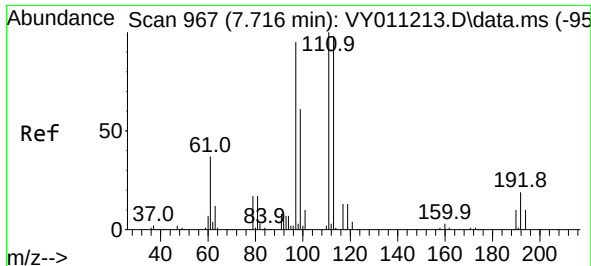
Ion Ratio Lower Upper

114 100

63 0.0 0.0 43.2

88 0.0 0.0 31.8

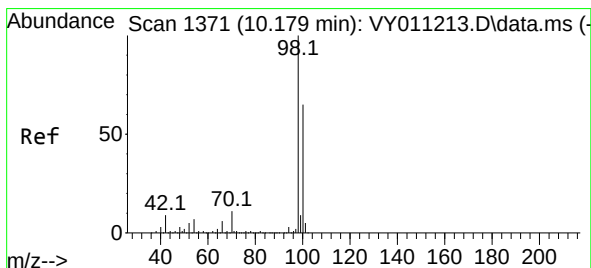
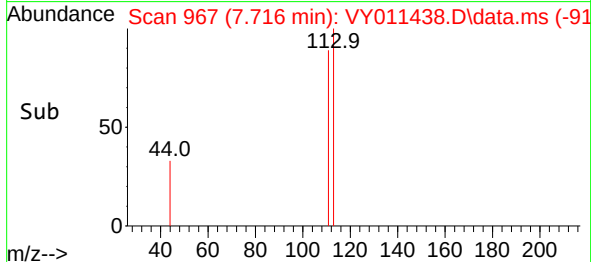
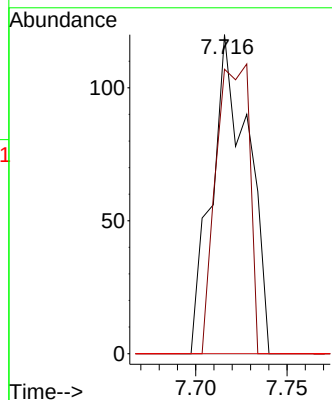
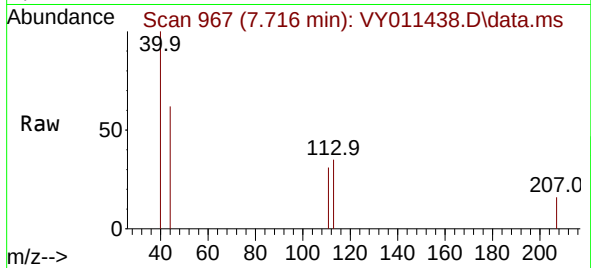




#35
Dibromofluoromethane
Concen: 59.717 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011438.D
Acq: 14 Nov 2022 14:39

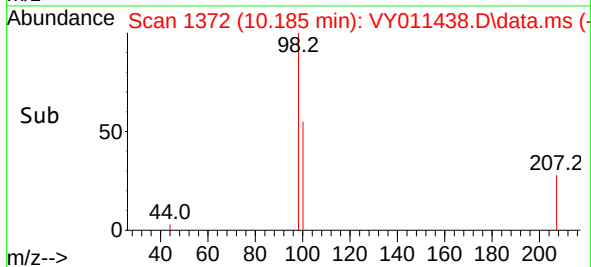
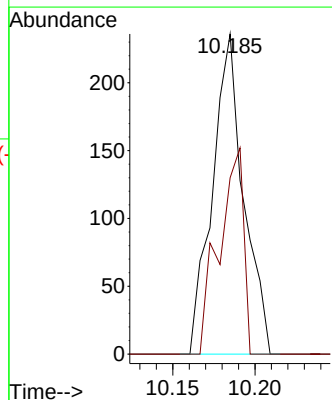
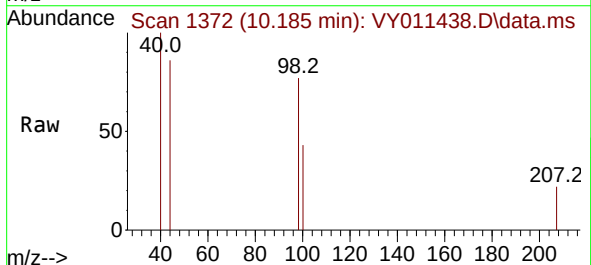
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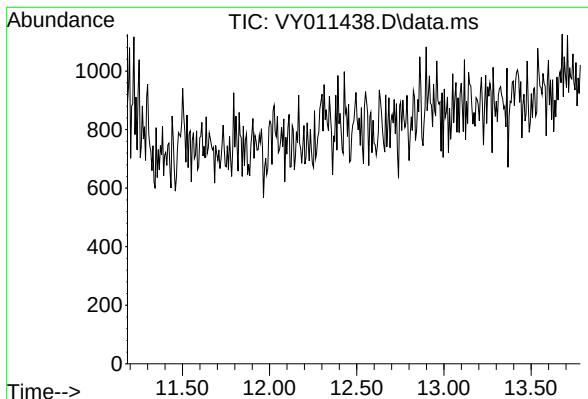
Tgt Ion:113 Resp: 167
Ion Ratio Lower Upper
113 100
111 82.6 82.6 124.0#
192 0.0 17.6 26.4#



#50
Toluene-d8
Concen: 29.204 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY011438.D
Acq: 14 Nov 2022 14:39

Tgt Ion: 98 Resp: 312
Ion Ratio Lower Upper
98 100
100 50.3 50.2 75.2

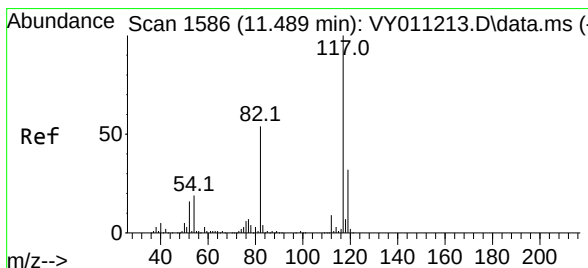
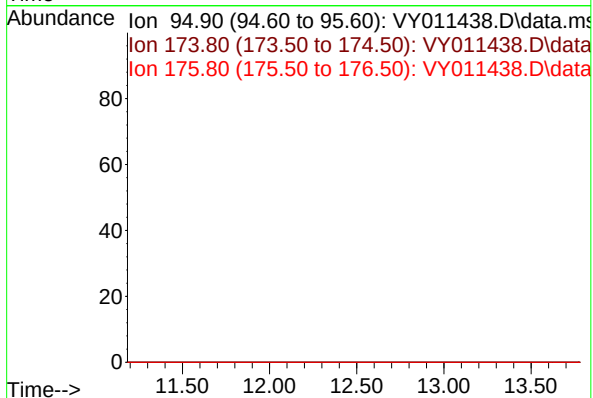




#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.48 min
 Lab File: VY011438.D
 Acq: 14 Nov 2022 14:39

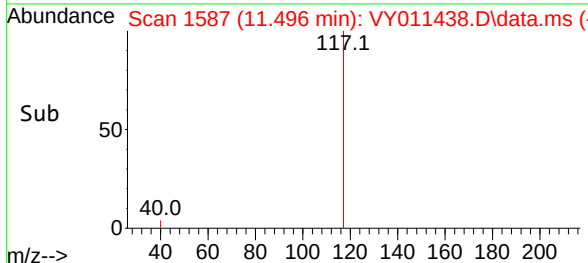
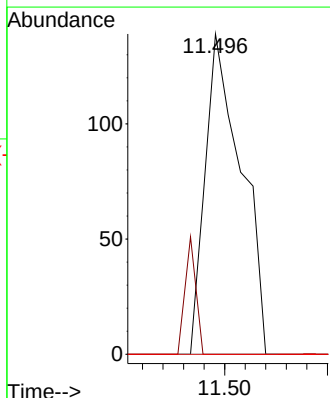
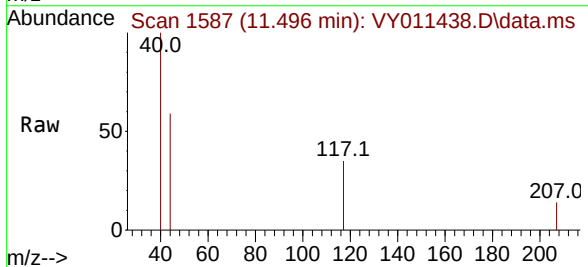
Instrument :
 MSVOA_Y
 ClientSampleId :
 AU-06-110722RE

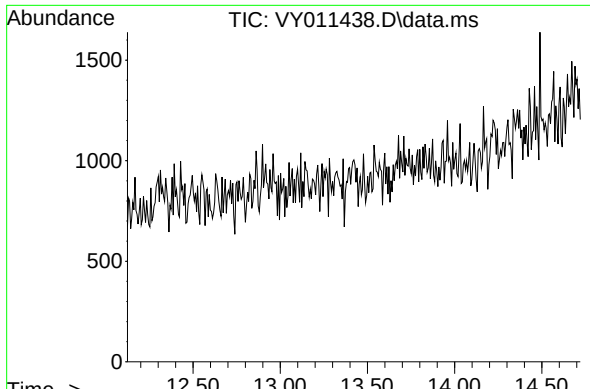
Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 88.5
 176 87.9



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.496 min Scan# 1587
 Delta R.T. 0.006 min
 Lab File: VY011438.D
 Acq: 14 Nov 2022 14:39

Tgt Ion:117 Resp: 169
 Ion Ratio Lower Upper
 117 100
 82 0.0 43.0 64.4#
 119 0.0 25.4 38.0#





#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.42 min

Lab File: VY011438.D
Acq: 14 Nov 2022 14:39

Instrument :
MSVOA_Y
ClientSampleId :
AU-06-110722RE

Tgt Ion: 152
Sig Exp Ratio
152 100
115 56.5
150 173.8

