

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112922\
 Data File : VX033108.D
 Acq On : 29 Nov 2022 11:30
 Operator : JC/MD
 Sample : N5742-04RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-44RE

Quant Time: Nov 30 01:00:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

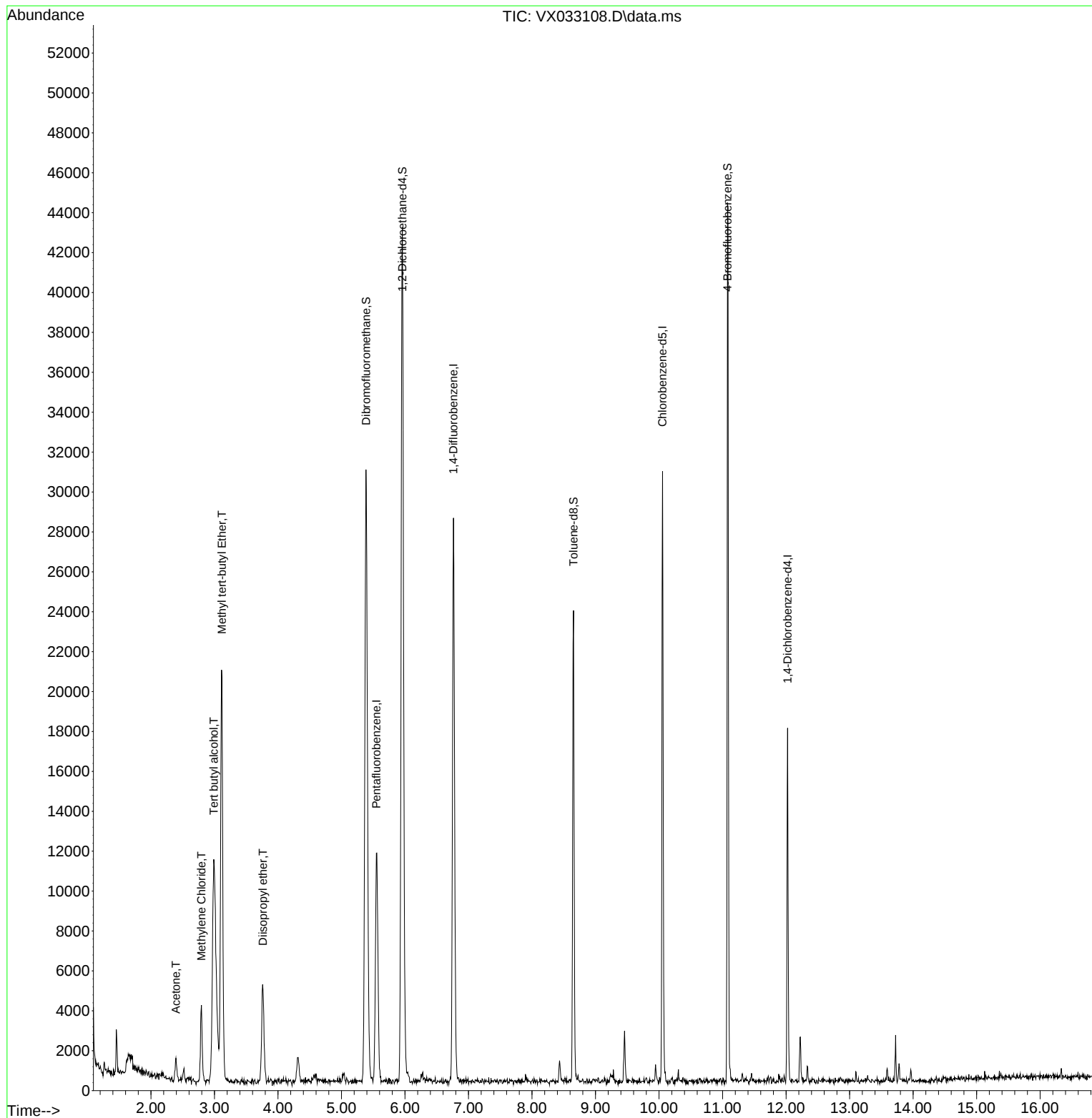
Internal Standards						
1) Pentafluorobenzene	5.549	168	11405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	28427	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	14245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	3492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	44069	418.529	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	837.060%#	
35) Dibromofluoromethane	5.385	113	26128	163.034	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	326.060%#	
50) Toluene-d8	8.652	98	14698	29.601	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	59.200%#	
62) 4-Bromofluorobenzene	11.079	95	12127	57.605	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	115.220%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.989	59	23225	1319.123	ug/l	98
16) Acetone	2.391	43	1506	29.034	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	22457	65.061	ug/l	100
20) Methylene Chloride	2.794	84	1811	15.894	ug/l	96
22) Diisopropyl ether	3.763	45	5029	14.373	ug/l #	79

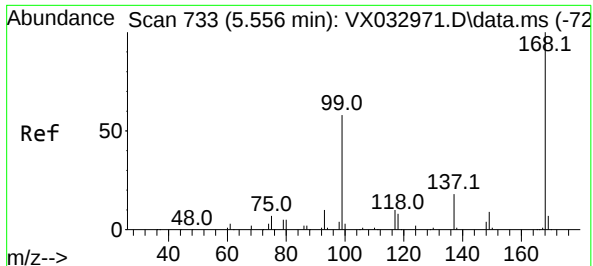
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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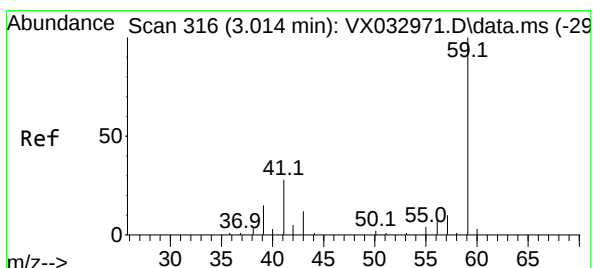
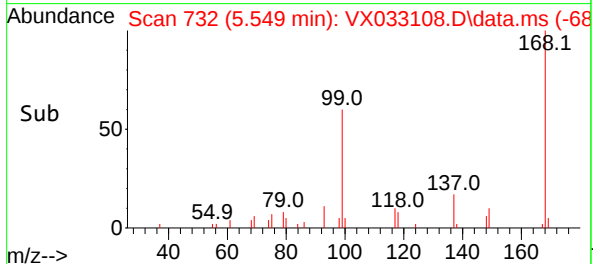
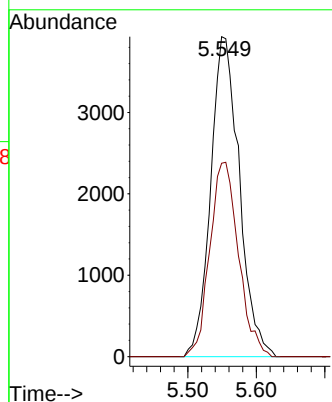
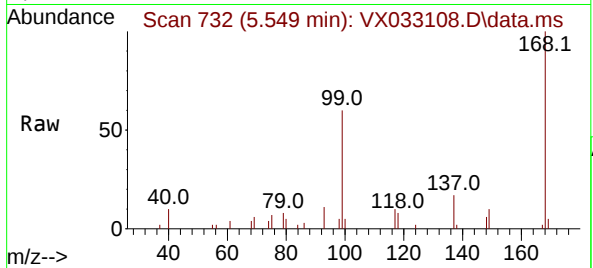




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX033108.D
Acq: 29 Nov 2022 11:30

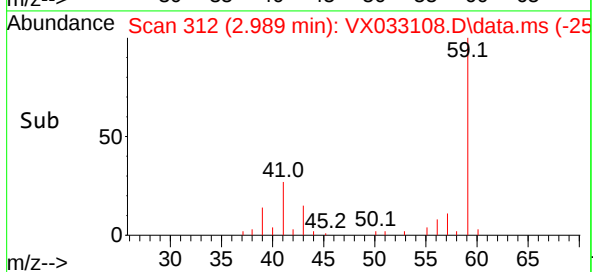
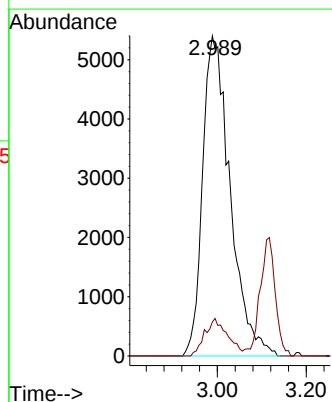
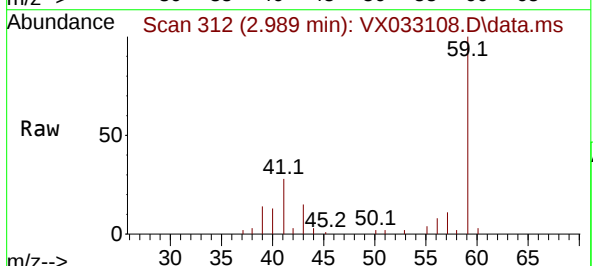
Instrument :
MSVOA_X
ClientSampleId :
MW-44RE

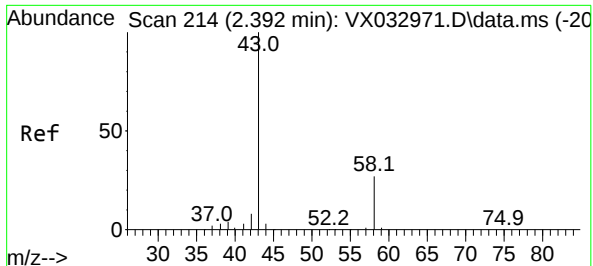
Tgt Ion:168 Resp: 11405
Ion Ratio Lower Upper
168 100
99 60.4 46.1 69.1



#11
Tert butyl alcohol
Concen: 1319.123 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.024 min
Lab File: VX033108.D
Acq: 29 Nov 2022 11:30

Tgt Ion: 59 Resp: 23225
Ion Ratio Lower Upper
59 100
57 9.7 8.2 12.4

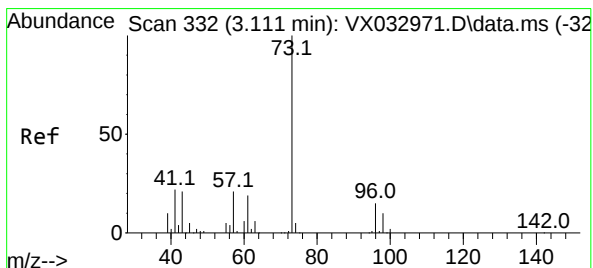
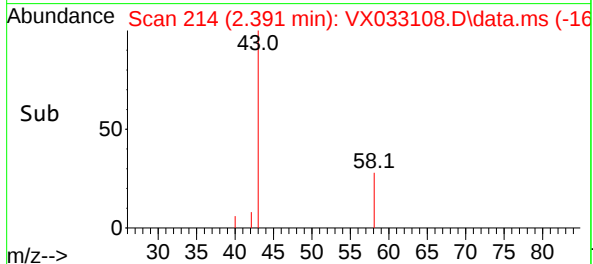
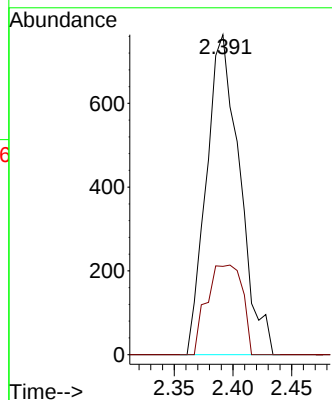
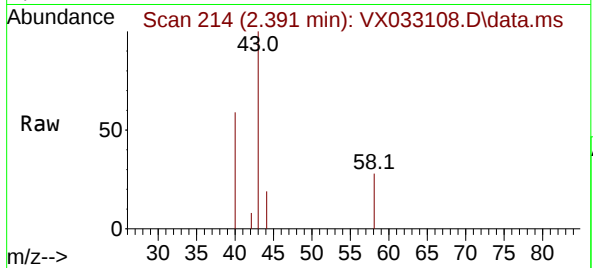




#16
Acetone
Concen: 29.034 ug/l
RT: 2.391 min Scan# 214
Delta R.T. 0.011 min
Lab File: VX033108.D
Acq: 29 Nov 2022 11:30

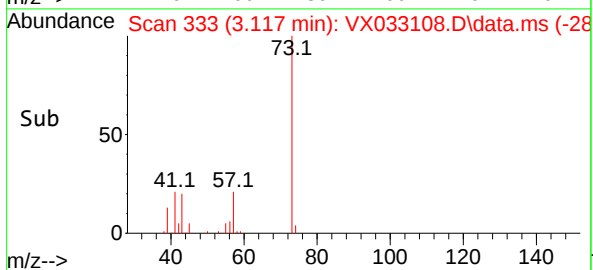
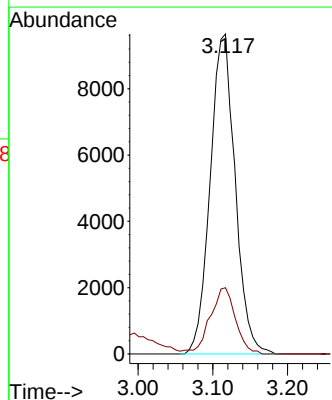
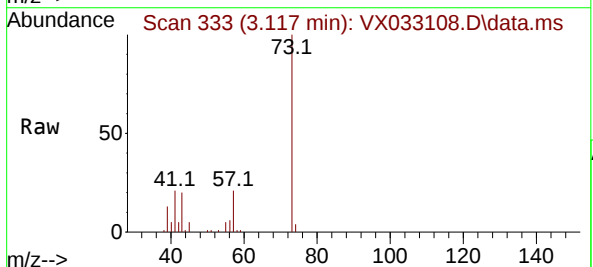
Instrument :
MSVOA_X
ClientSampleId :
MW-44RE

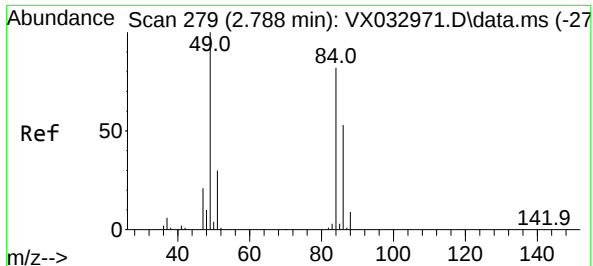
Tgt Ion: 43 Resp: 1506
Ion Ratio Lower Upper
43 100
58 27.6 23.8 35.8



#19
Methyl tert-butyl Ether
Concen: 65.061 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX033108.D
Acq: 29 Nov 2022 11:30

Tgt Ion: 73 Resp: 22457
Ion Ratio Lower Upper
73 100
57 20.7 16.6 25.0





#20

Methylene Chloride

Concen: 15.894 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX033108.D

Acq: 29 Nov 2022 11:30

Instrument :

MSVOA_X

ClientSampleId :

MW-44RE

Tgt Ion: 84 Resp: 1811

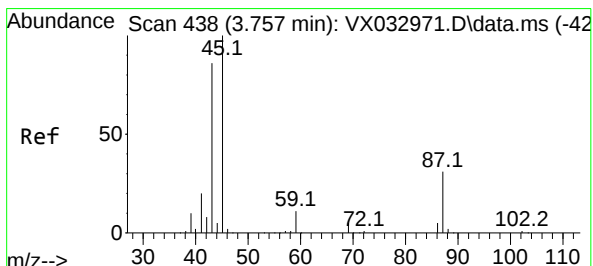
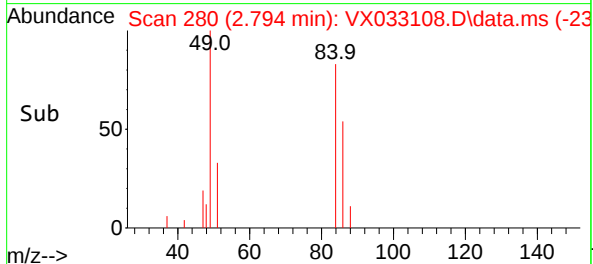
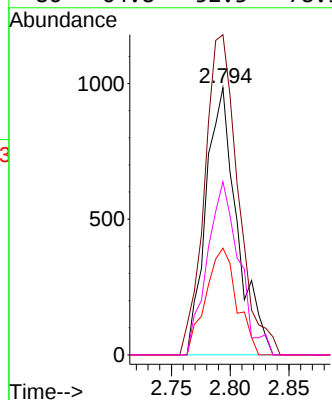
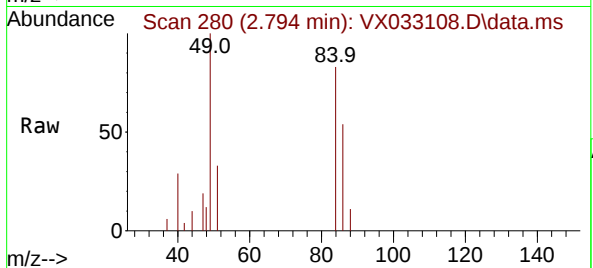
Ion Ratio Lower Upper

84 100

49 119.8 101.0 151.6

51 39.9 31.1 46.7

86 64.8 52.3 78.5



#22

Diisopropyl ether

Concen: 14.373 ug/l

RT: 3.763 min Scan# 439

Delta R.T. 0.000 min

Lab File: VX033108.D

Acq: 29 Nov 2022 11:30

Tgt Ion: 45 Resp: 5029

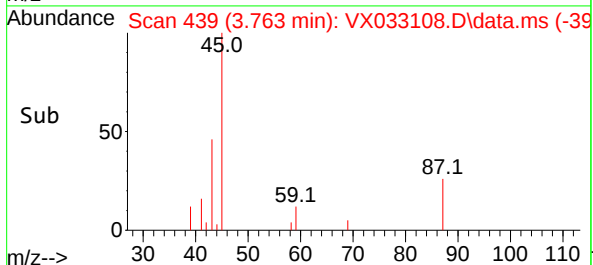
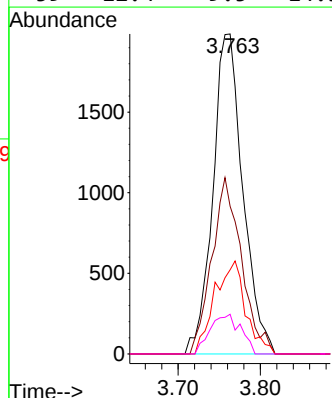
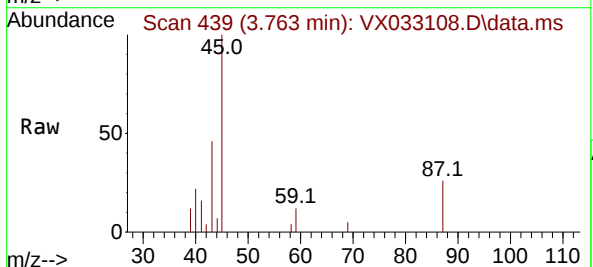
Ion Ratio Lower Upper

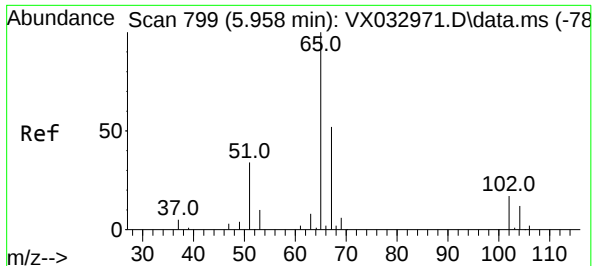
45 100

43 46.1 56.4 84.6#

87 26.3 24.4 36.6

59 12.4 9.5 14.3

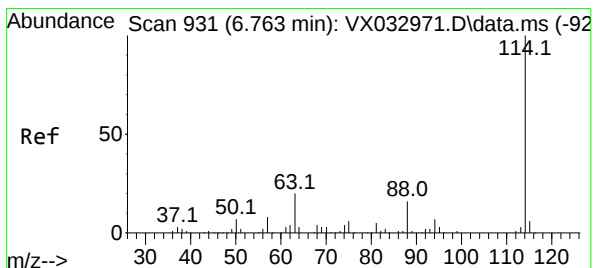
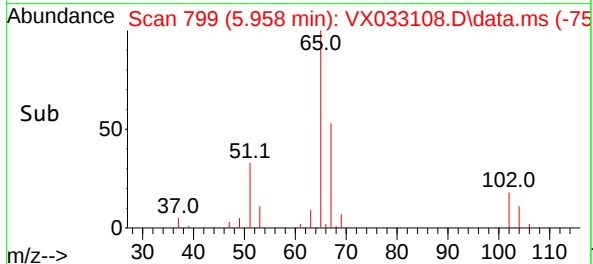
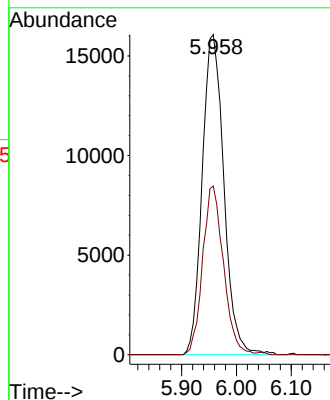
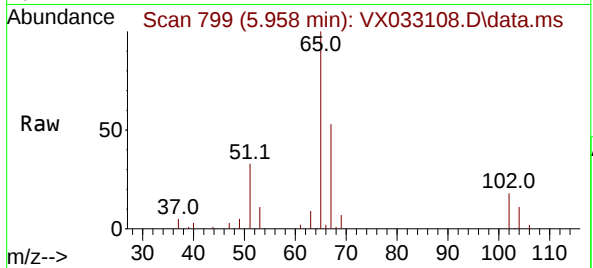




#33
 1,2-Dichloroethane-d4
 Concen: 418.529 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX033108.D
 Acq: 29 Nov 2022 11:30

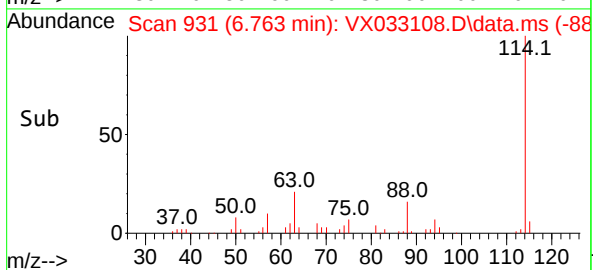
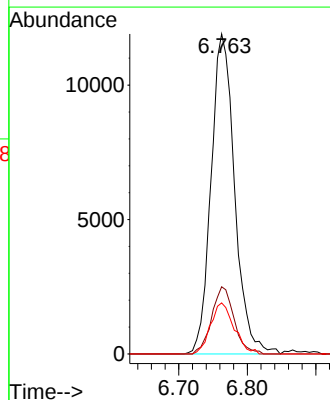
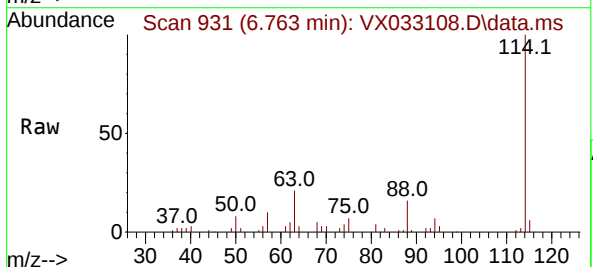
Instrument :
 MSVOA_X
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 MW-44RE

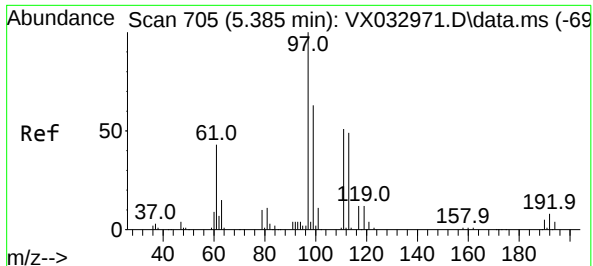
Tgt Ion: 65 Resp: 44069
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX033108.D
 Acq: 29 Nov 2022 11:30

Tgt Ion: 114 Resp: 28427
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 41.6
 88 15.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 163.034 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX033108.D

Acq: 29 Nov 2022 11:30

Instrument :

MSVOA_X

ClientSampleId :

MW-44RE

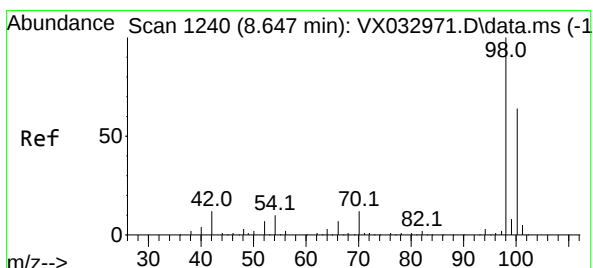
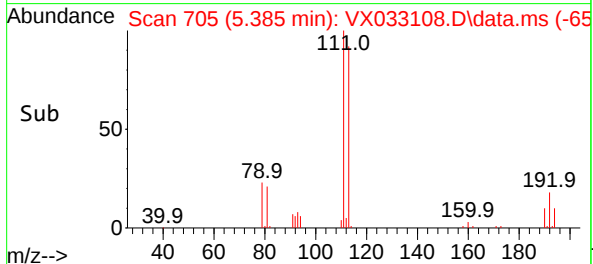
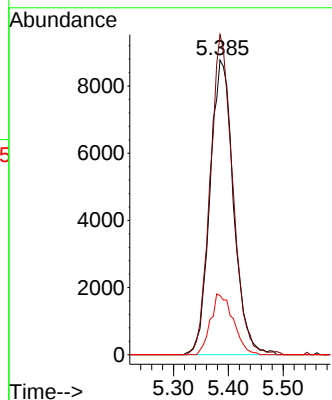
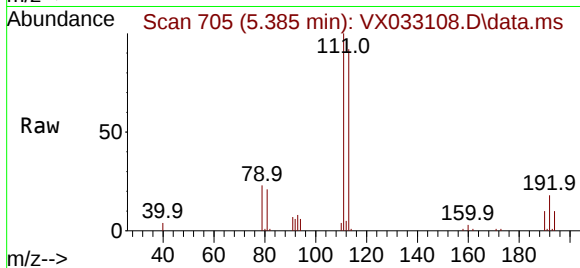
Tgt Ion:113 Resp: 26128

Ion Ratio Lower Upper

113 100

111 103.8 82.4 123.6

192 19.8 15.4 23.2



#50

Toluene-d8

Concen: 29.601 ug/l

RT: 8.652 min Scan# 1241

Delta R.T. -0.001 min

Lab File: VX033108.D

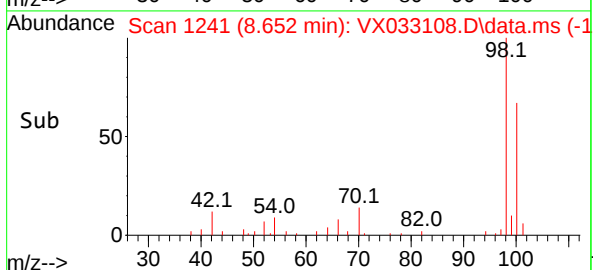
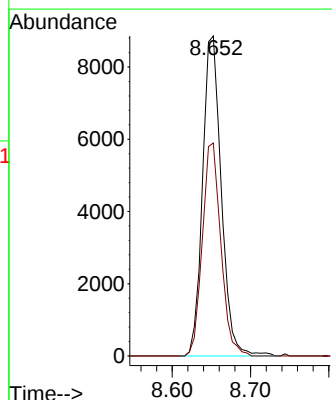
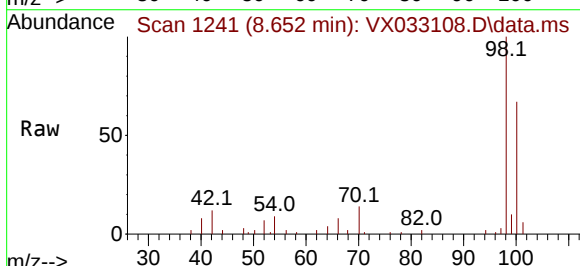
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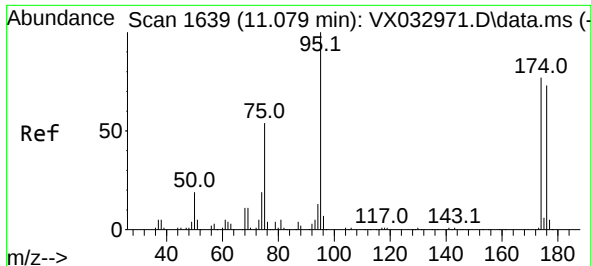
Tgt Ion: 98 Resp: 14698

Ion Ratio Lower Upper

98 100

100 65.7 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 57.605 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX033108.D

Acq: 29 Nov 2022 11:30

Instrument :

MSVOA_X

ClientSampleId :

MW-44RE

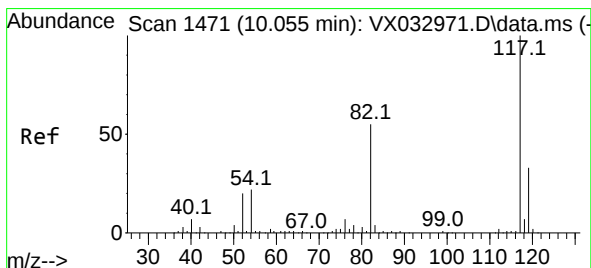
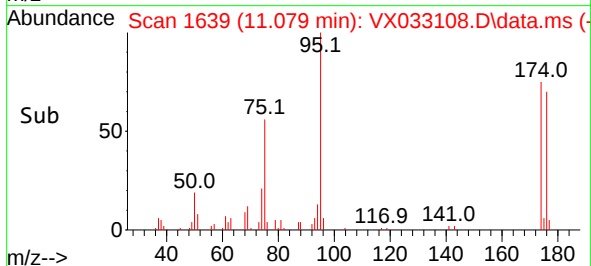
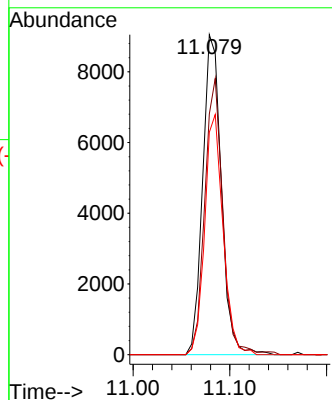
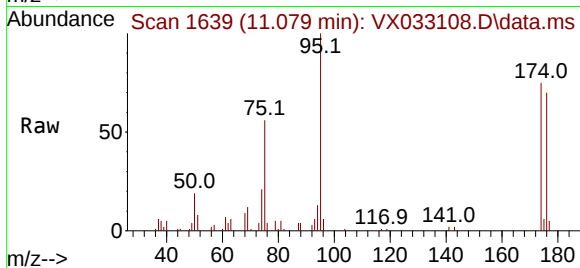
Tgt Ion: 95 Resp: 12127

Ion Ratio Lower Upper

95 100

174 83.8 0.0 164.0

176 74.1 0.0 154.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX033108.D

Acq: 29 Nov 2022 11:30

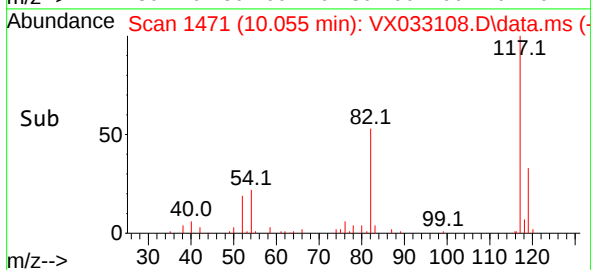
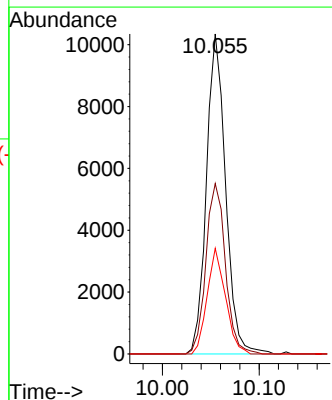
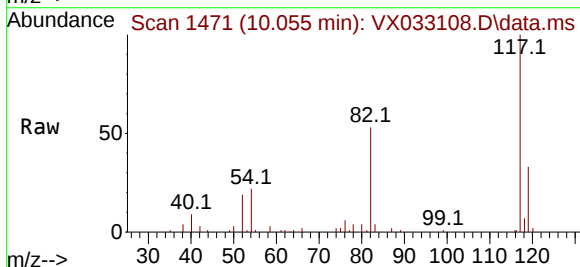
Tgt Ion: 117 Resp: 14245

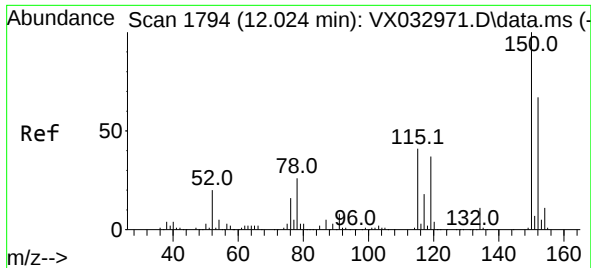
Ion Ratio Lower Upper

117 100

82 53.2 44.3 66.5

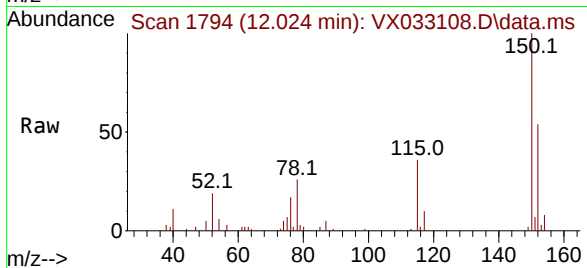
119 33.0 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX033108.D
 Acq: 29 Nov 2022 11:30

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-44RE



Tgt Ion:152 Resp: 3492
 Ion Ratio Lower Upper
 152 100
 115 64.4 44.0 132.0
 150 172.3 0.0 351.8

