

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
 Data File : VX033004.D
 Acq On : 23 Nov 2022 01:17
 Operator : JC/MD
 Sample : N5741-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-16R

Quant Time: Nov 23 05:52:48 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)

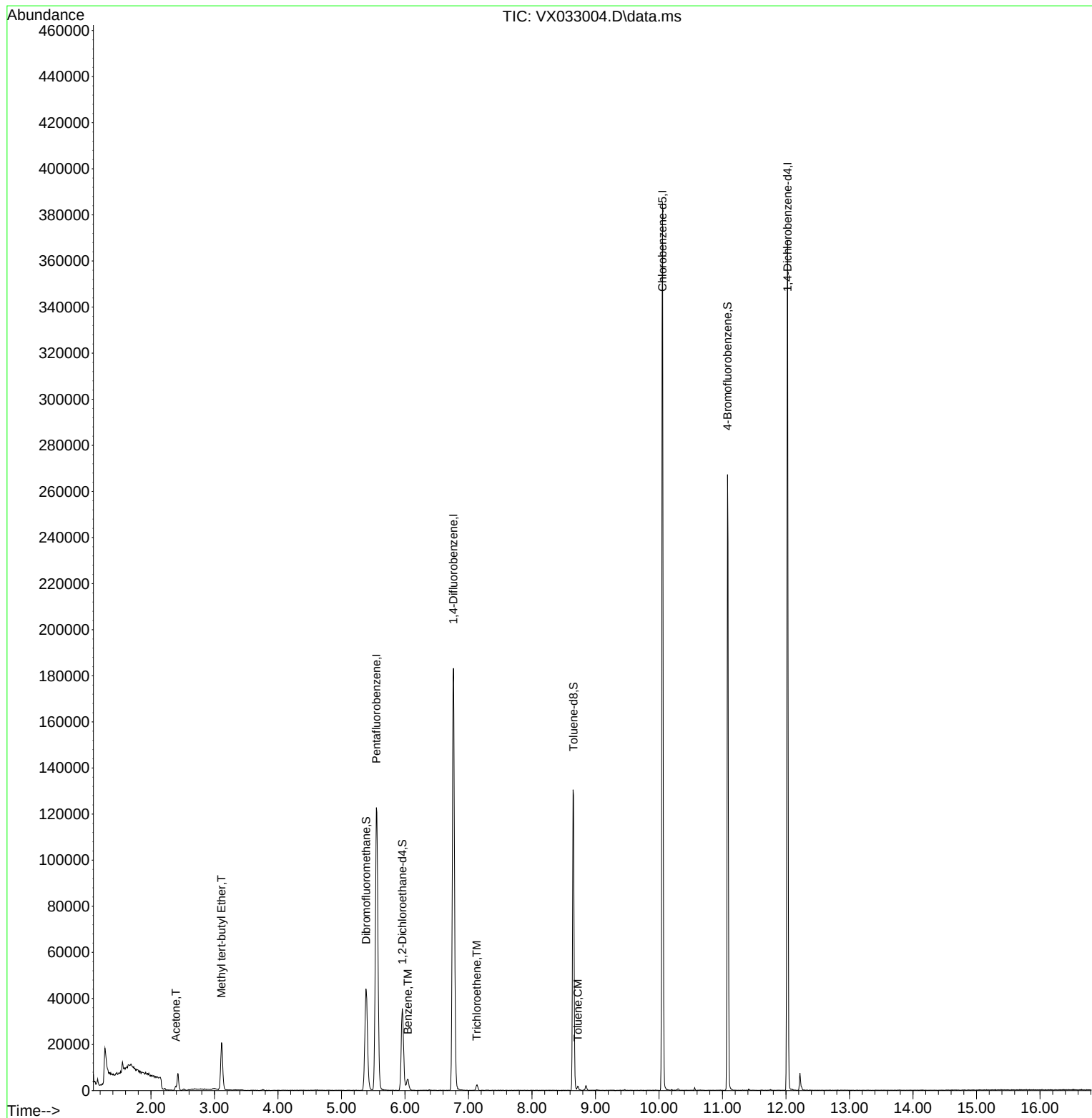
Internal Standards						
1) Pentafluorobenzene	5.550	168	116353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	187305	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	167955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	35456	29.928	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	59.860%#
35) Dibromofluoromethane	5.385	113	38370	36.337	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	72.680%#
50) Toluene-d8	8.653	98	79965	24.049	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	48.100%#
62) 4-Bromofluorobenzene	11.079	95	67983	49.011	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.020%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	2354	4.448	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	21801	6.191	ug/l	97
40) Benzene	6.044	78	5849	1.236	ug/l	96
44) Trichloroethene	7.129	130	1014	0.763	ug/l	91
52) Toluene	8.720	92	740	0.238	ug/l	90

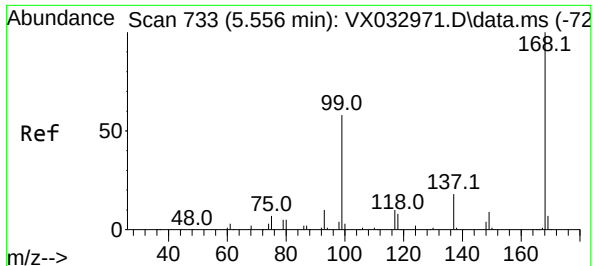
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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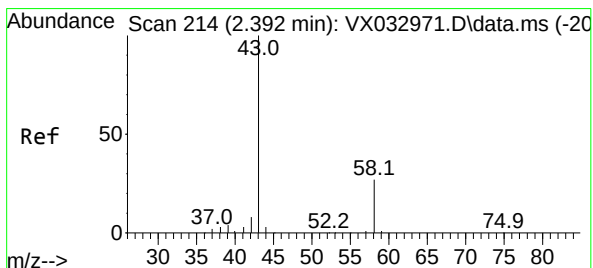
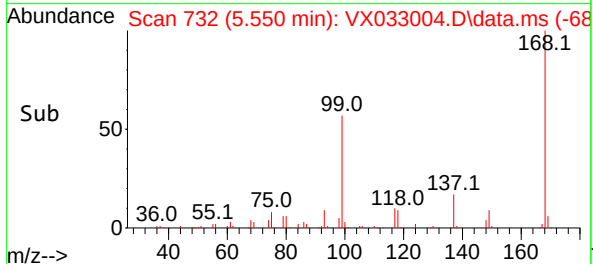
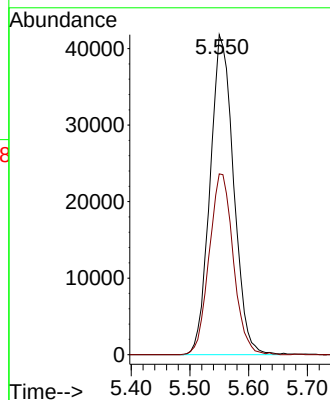
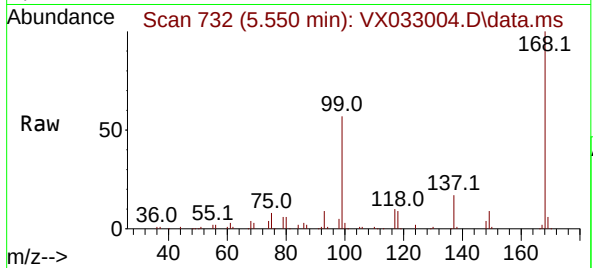




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX033004.D
Acq: 23 Nov 2022 01:17

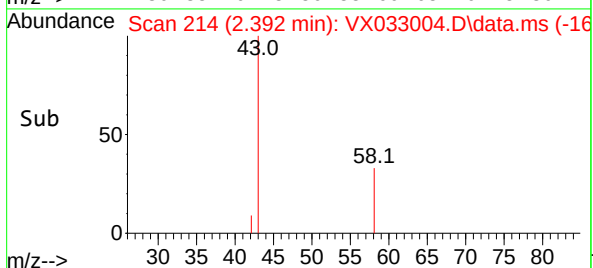
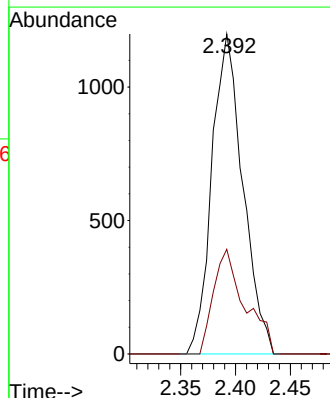
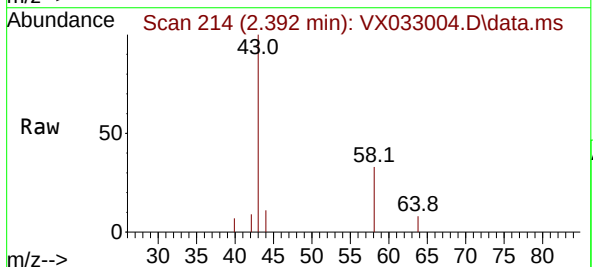
Instrument :
MSVOA_X
ClientSampleId :
MW-16R

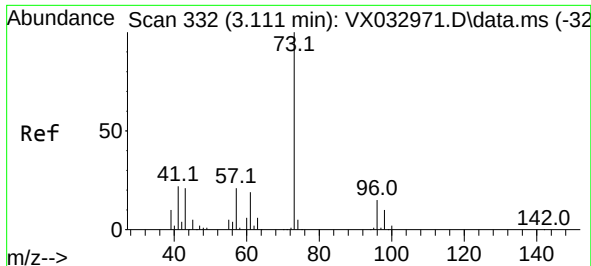
Tgt Ion:168 Resp: 116353
Ion Ratio Lower Upper
168 100
99 56.5 46.1 69.1



#16
Acetone
Concen: 4.448 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX033004.D
Acq: 23 Nov 2022 01:17

Tgt Ion: 43 Resp: 2354
Ion Ratio Lower Upper
43 100
58 32.7 23.8 35.8





#19

Methyl tert-butyl Ether

Concen: 6.191 ug/l

RT: 3.111 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX033004.D

Acq: 23 Nov 2022 01:17

Instrument :

MSVOA_X

ClientSampleId :

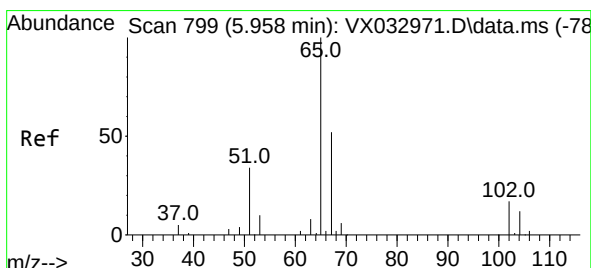
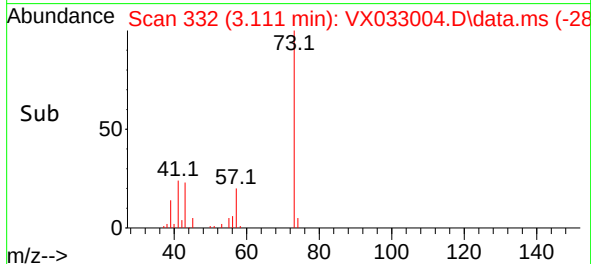
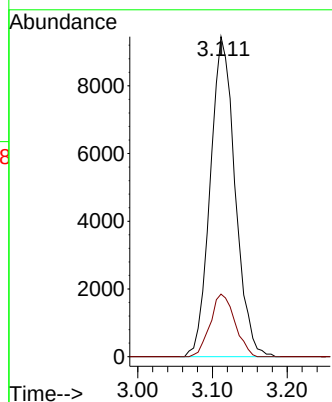
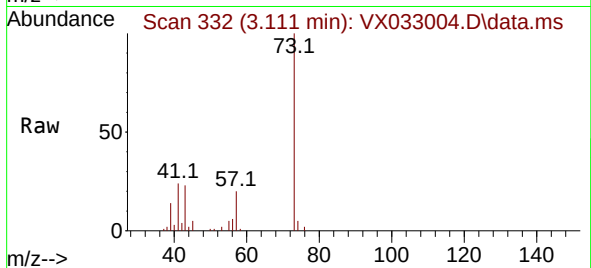
MW-16R

Tgt Ion: 73 Resp: 21801

Ion Ratio Lower Upper

73 100

57 19.5 16.6 25.0



#33

1,2-Dichloroethane-d4

Concen: 29.928 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033004.D

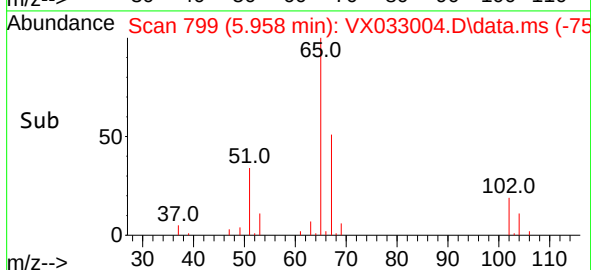
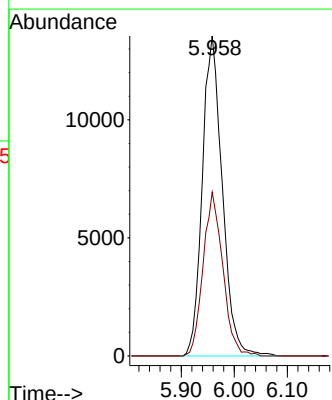
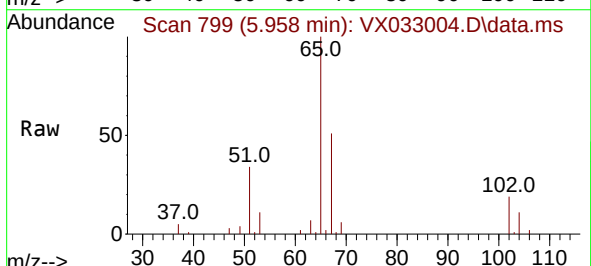
Acq: 23 Nov 2022 01:17

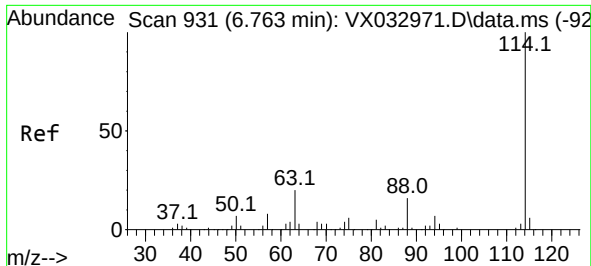
Tgt Ion: 65 Resp: 35456

Ion Ratio Lower Upper

65 100

67 50.4 0.0 101.8

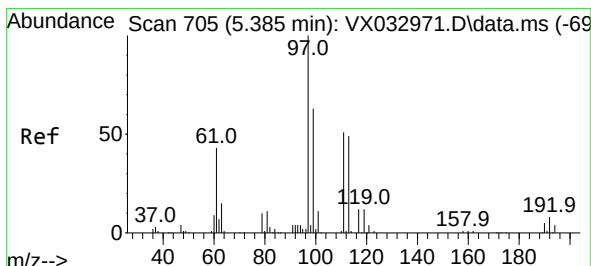
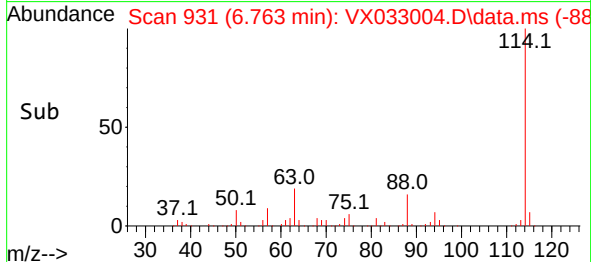
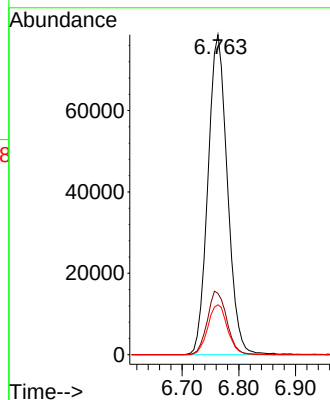
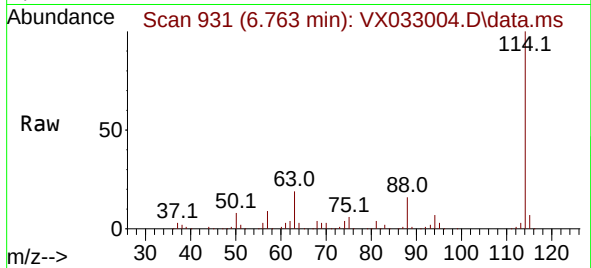




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX033004.D
Acq: 23 Nov 2022 01:17

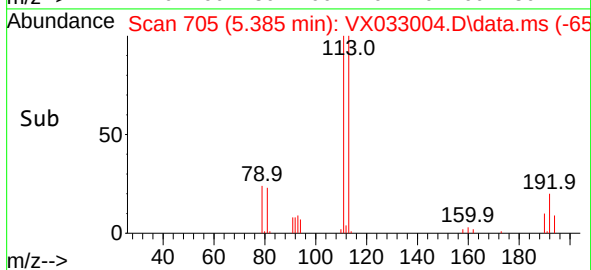
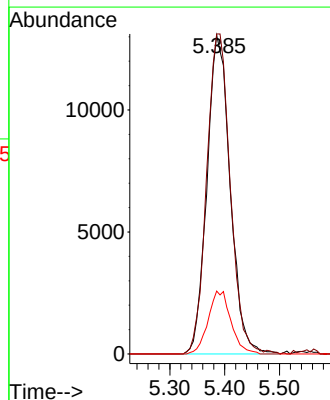
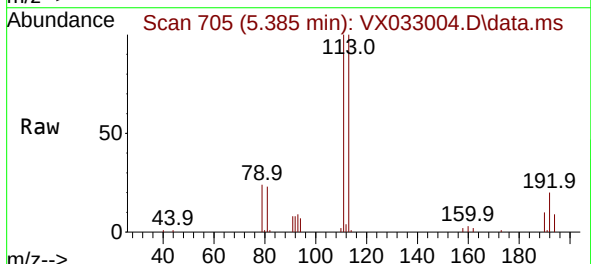
Instrument :
MSVOA_X
ClientSampleId :
MW-16R

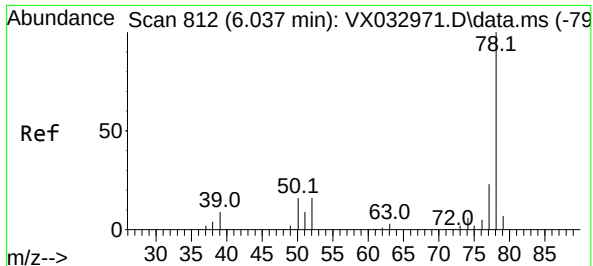
Tgt Ion:114 Resp: 187305
Ion Ratio Lower Upper
114 100
63 19.2 0.0 41.6
88 15.6 0.0 33.4



#35
Dibromofluoromethane
Concen: 36.337 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033004.D
Acq: 23 Nov 2022 01:17

Tgt Ion:113 Resp: 38370
Ion Ratio Lower Upper
113 100
111 102.0 82.4 123.6
192 19.4 15.4 23.2





#40

Benzene

Concen: 1.236 ug/l

RT: 6.044 min Scan# 812

Delta R.T. 0.007 min

Lab File: VX033004.D

Acq: 23 Nov 2022 01:17

Instrument :

MSVOA_X

ClientSampleId :

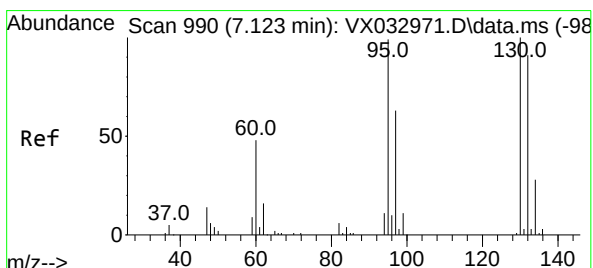
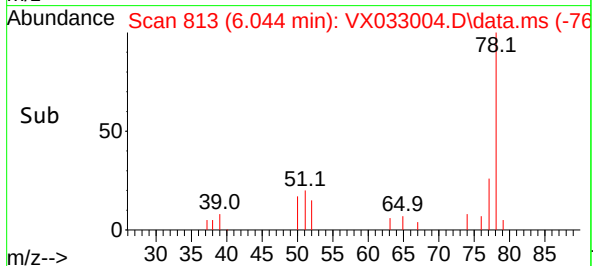
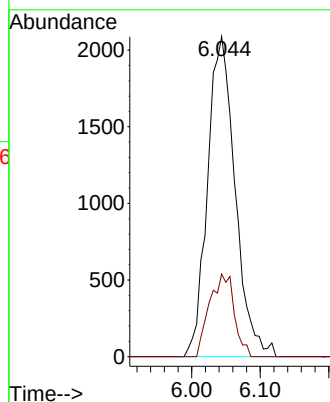
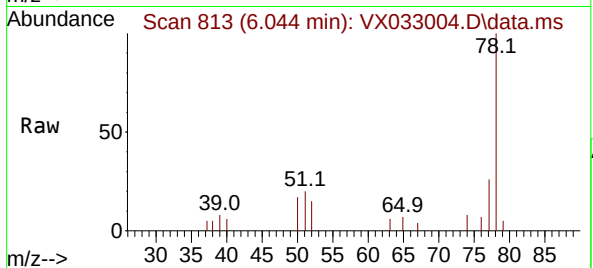
MW-16R

Tgt Ion: 78 Resp: 5849

Ion Ratio Lower Upper

78 100

77 25.8 19.0 28.4



#44

Trichloroethene

Concen: 0.763 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX033004.D

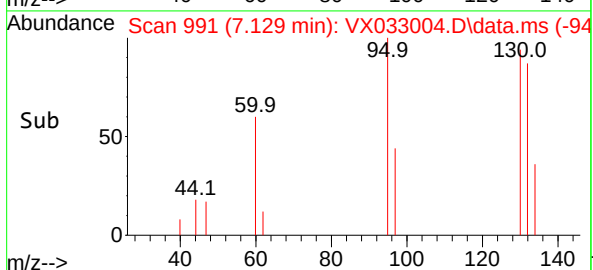
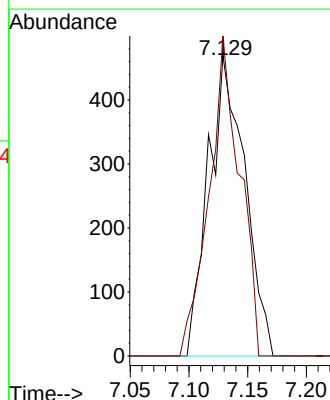
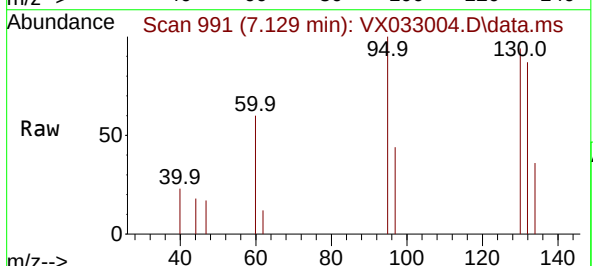
Acq: 23 Nov 2022 01:17

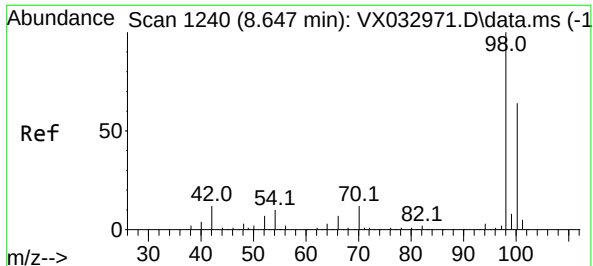
Tgt Ion:130 Resp: 1014

Ion Ratio Lower Upper

130 100

95 106.4 0.0 195.2





#50

Toluene-d8

Concen: 24.049 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX033004.D

Acq: 23 Nov 2022 01:17

Instrument :

MSVOA_X

ClientSampleId :

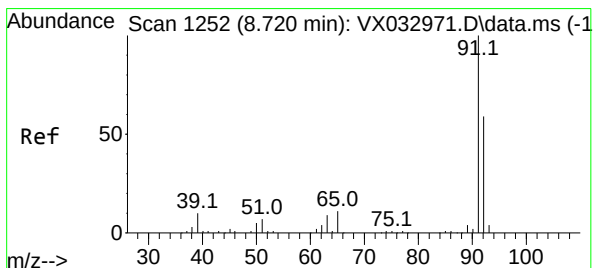
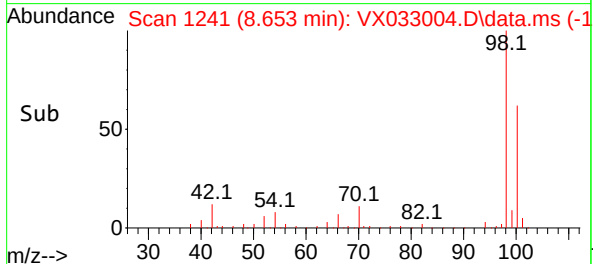
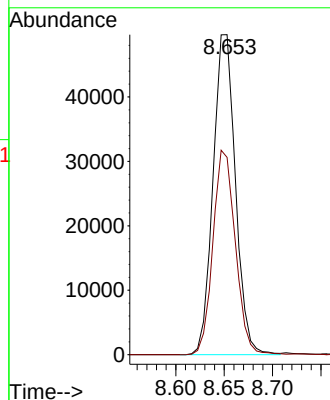
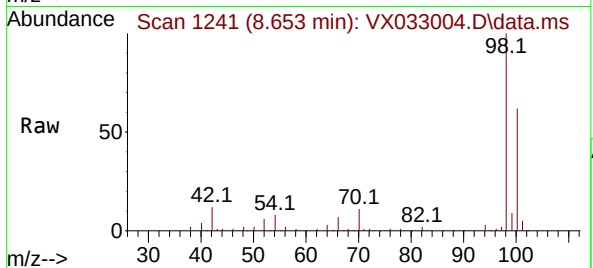
MW-16R

Tgt Ion: 98 Resp: 79965

Ion Ratio Lower Upper

98 100

100 63.9 50.9 76.3



#52

Toluene

Concen: 0.238 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX033004.D

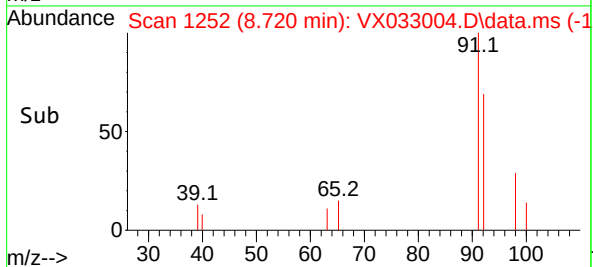
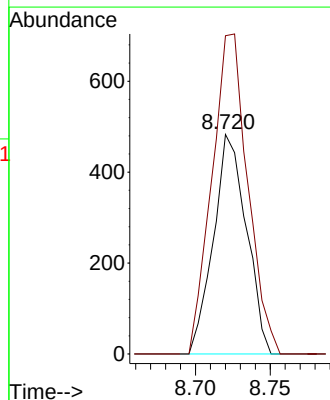
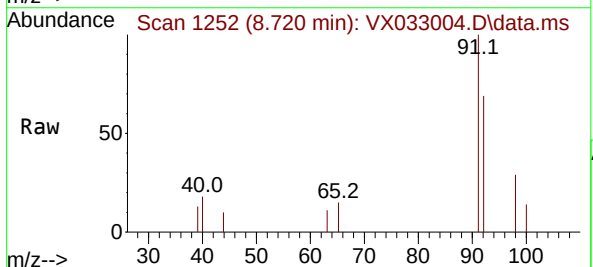
Acq: 23 Nov 2022 01:17

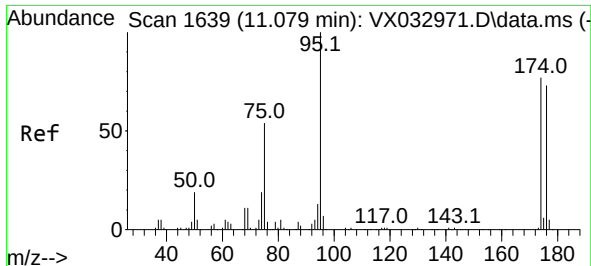
Tgt Ion: 92 Resp: 740

Ion Ratio Lower Upper

92 100

91 158.6 138.3 207.5





#62

4-Bromofluorobenzene

Concen: 49.011 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033004.D

Acq: 23 Nov 2022 01:17

Instrument :

MSVOA_X

ClientSampleId :

MW-16R

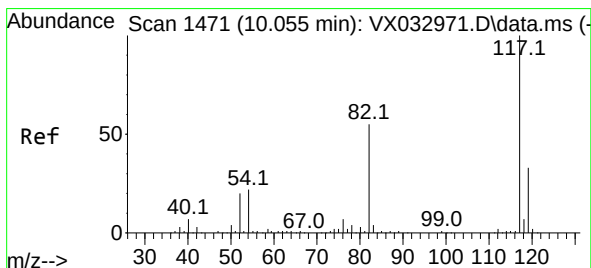
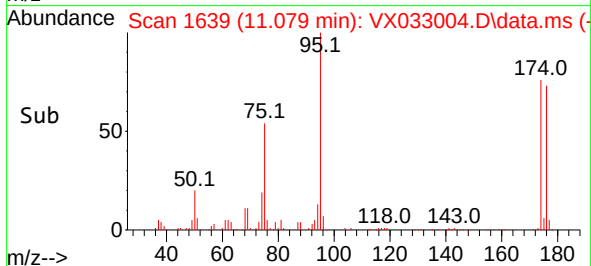
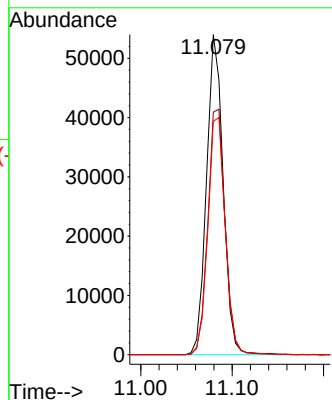
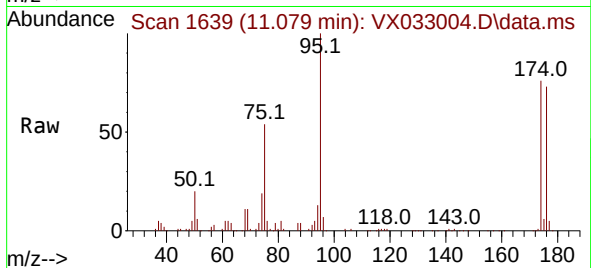
Tgt Ion: 95 Resp: 67983

Ion Ratio Lower Upper

95 100

174 80.3 0.0 164.0

176 77.6 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: VX033004.D

Acq: 23 Nov 2022 01:17

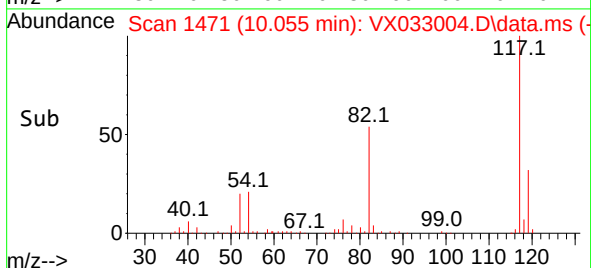
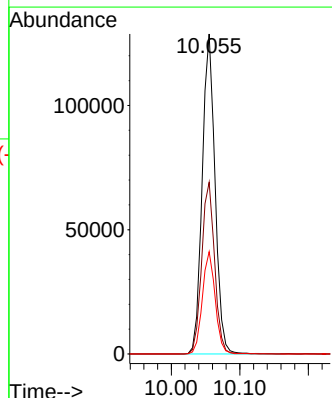
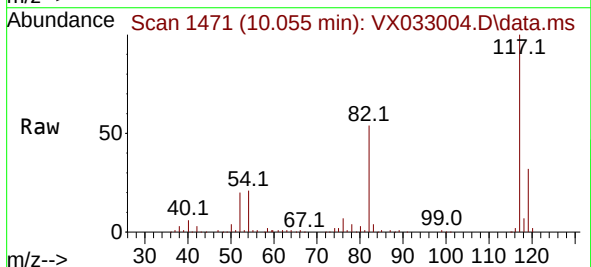
Tgt Ion: 117 Resp: 167955

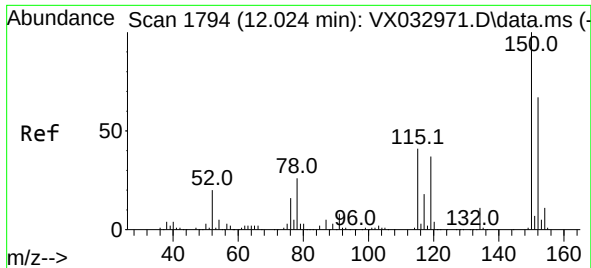
Ion Ratio Lower Upper

117 100

82 53.6 44.3 66.5

119 32.0 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: VX033004.D

Acq: 23 Nov 2022 01:17

Instrument :

MSVOA_X

ClientSampleId :

MW-16R

Tgt Ion:152 Resp: 76470

Ion Ratio Lower Upper

152 100

115 60.4 44.0 132.0

150 154.8 0.0 351.8

