

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX033020\
 Data File : VX015432.D
 Acq On : 30 Mar 2020 16:50
 Operator : JC/SP
 Sample : L2022-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Mar 31 09:15:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

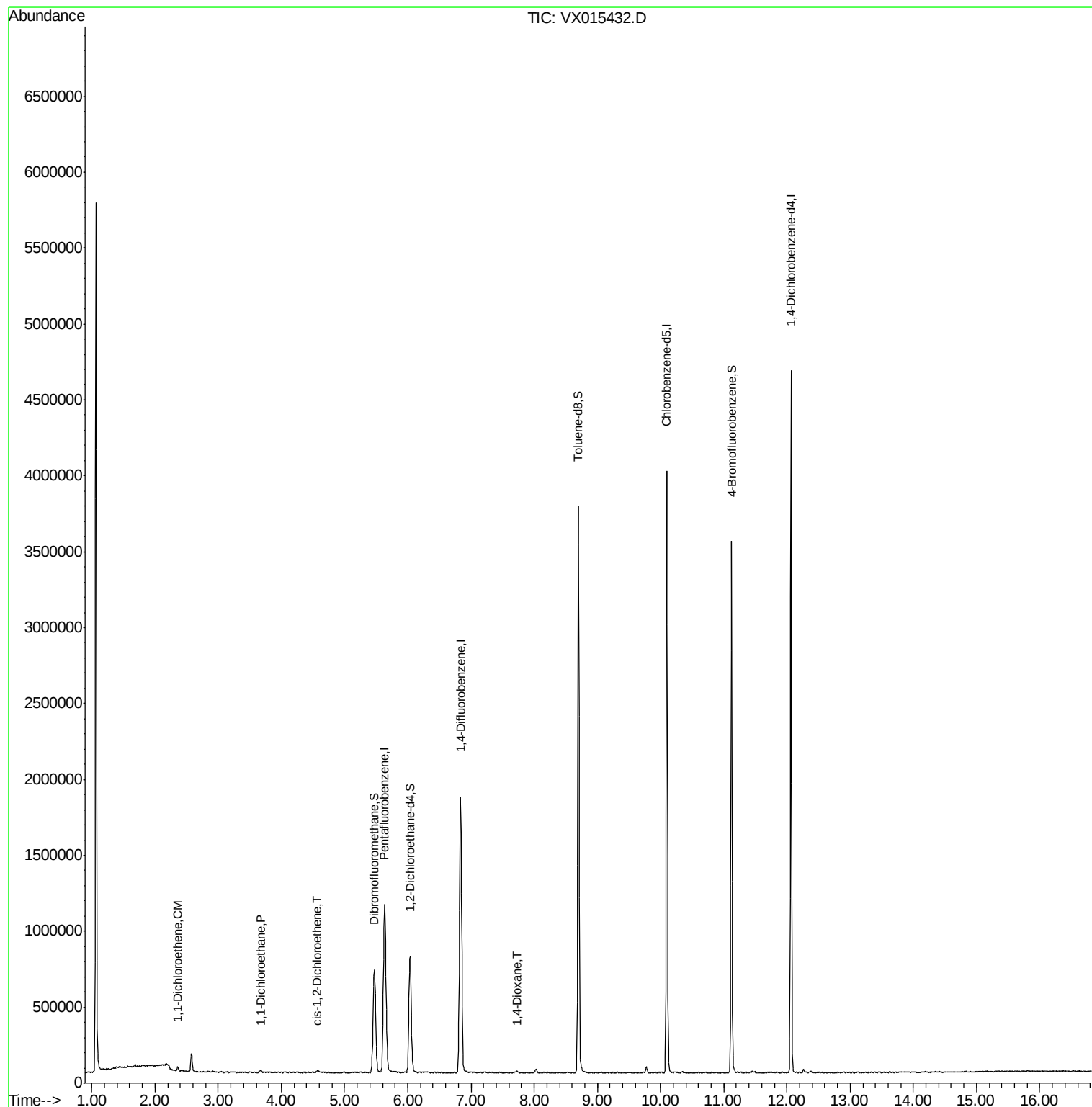
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1097417	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1808363	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1696909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	913237	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	751427	48.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.10%	
35) Dibromofluoromethane	5.47	113	567497	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
50) Toluene-d8	8.70	98	2169608	50.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.96%	
62) 4-Bromofluorobenzene	11.12	95	942686	54.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.00%	
Target Compounds						
12) 1,1-Dichloroethene	2.36	96	7371	0.711	ug/l	96
24) 1,1-Dichloroethane	3.67	63	17170	0.760	ug/l	94
27) cis-1,2-Dichloroethene	4.57	96	9535	0.717	ug/l	87
49) 1,4-Dioxane	7.72	88	9074	26.590	ug/l	93

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.00 min

Lab File: VX015432.D

Acq: 30 Mar 2020 16:50

Instrument :

MSVOA_X

ClientSampled :

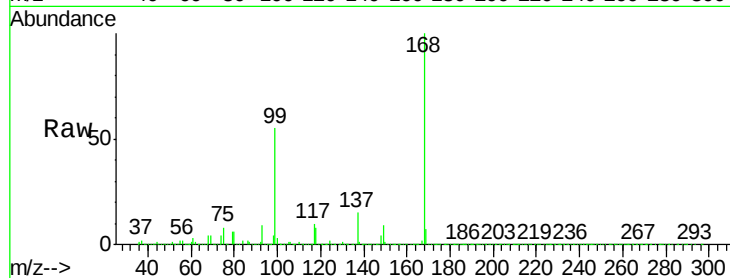
MW-4

Tot Ion:168 Resp: 1097417

Ion Ratio Lower Upper

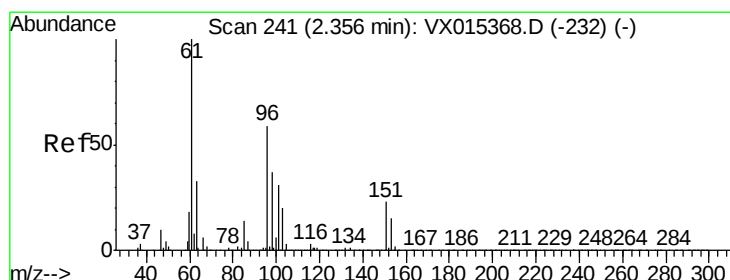
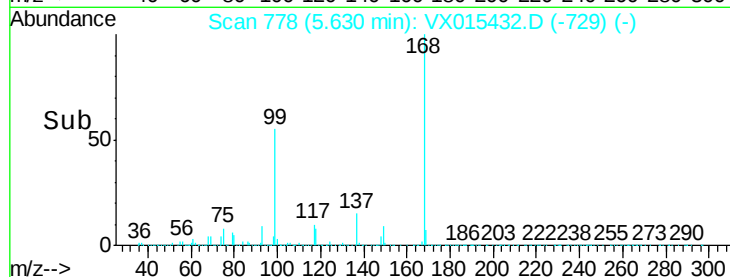
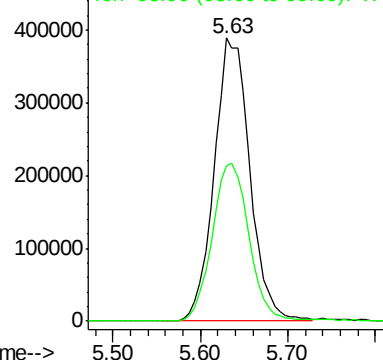
168 100

99 54.7 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#12

1,1-Dichloroethene

Concen: 0.711 ug/l

RT: 2.36 min Scan# 241

Delta R.T. -0.00 min

Lab File: VX015432.D

Acq: 30 Mar 2020 16:50

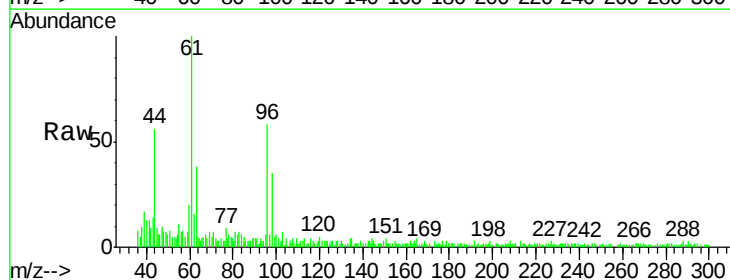
Tgt Ion: 96 Resp: 7371

Ion Ratio Lower Upper

96 100

61 172.0 135.7 203.5

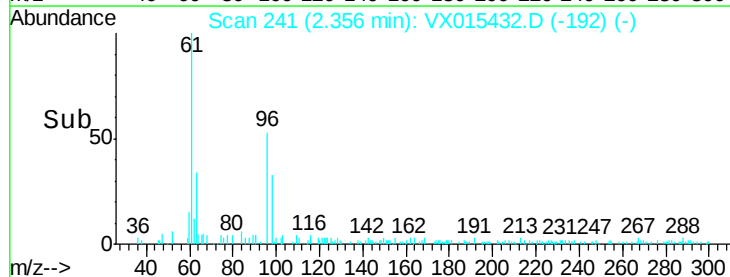
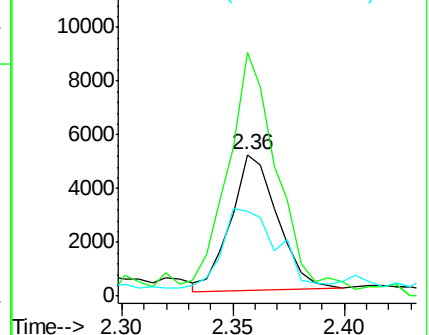
98 55.0 50.6 75.8

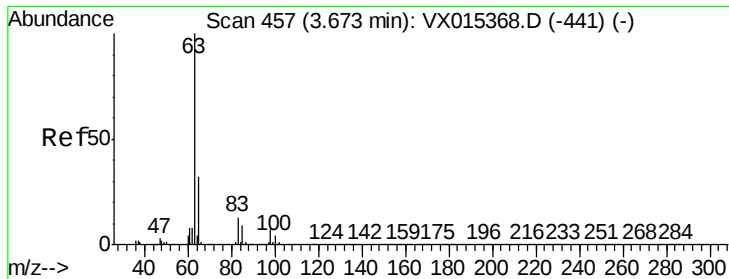


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#24

1,1-Dichloroethane

Concen: 0.760 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.00 min

Lab File: VX015432.D

Acq: 30 Mar 2020 16:50

Instrument :

MSVOA_X

ClientSampled :

MW-4

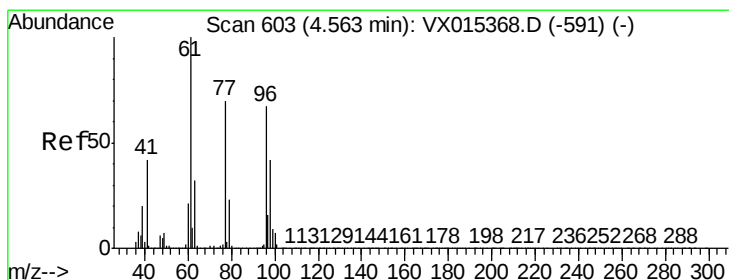
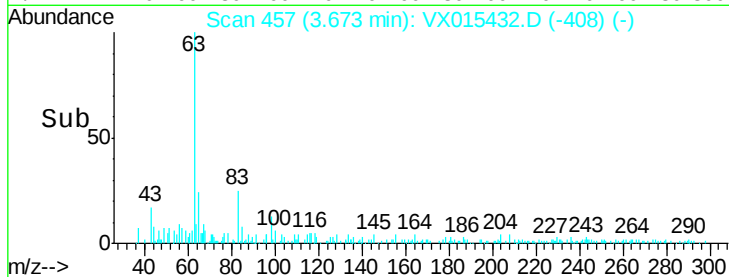
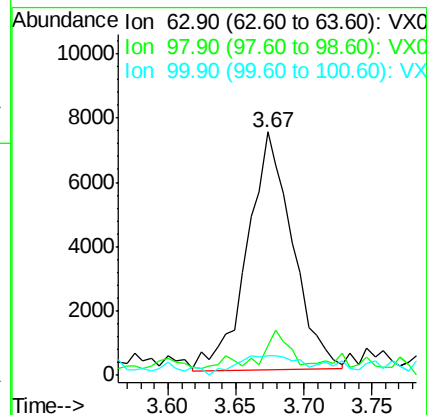
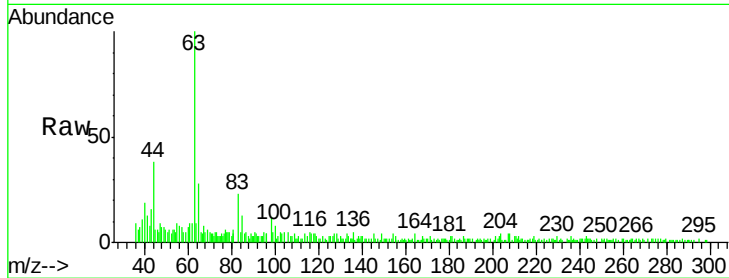
Tot Ion: 63 Resp: 17170

Ion Ratio Lower Upper

63 100

98 9.4 3.3 9.8

100 5.0 2.1 6.5



#27

cis-1,2-Dichloroethene

Concen: 0.717 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX015432.D

Acq: 30 Mar 2020 16:50

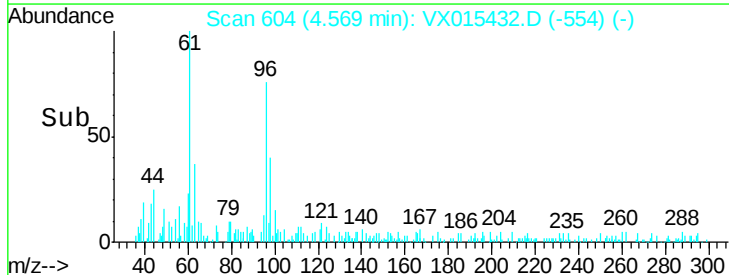
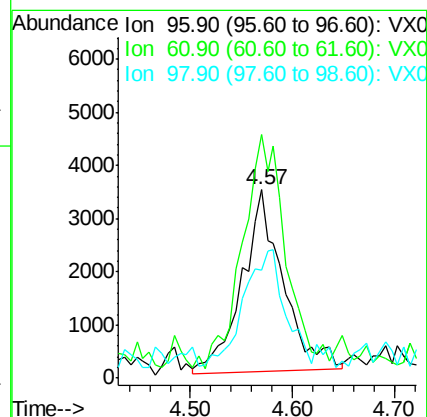
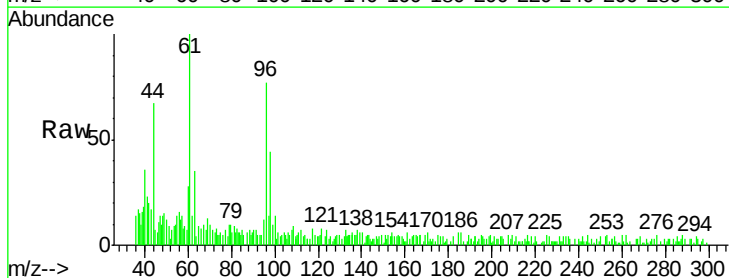
Tgt Ion: 96 Resp: 9535

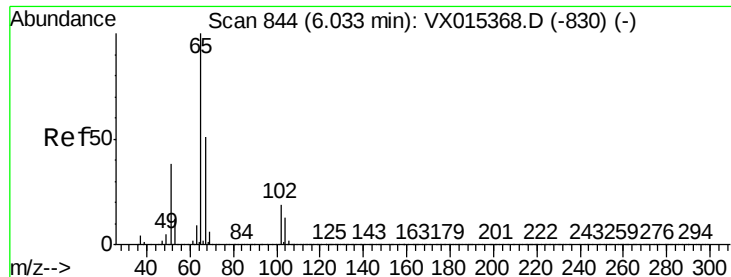
Ion Ratio Lower Upper

96 100

61 132.2 0.0 308.4

98 63.0 0.0 129.2





#33

1,2-Dichloroethane-d4

Concen: 48.549 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.01 min

Lab File: VX015432.D

Acq: 30 Mar 2020 16:50

Instrument :

MSVOA_X

ClientSampleId :

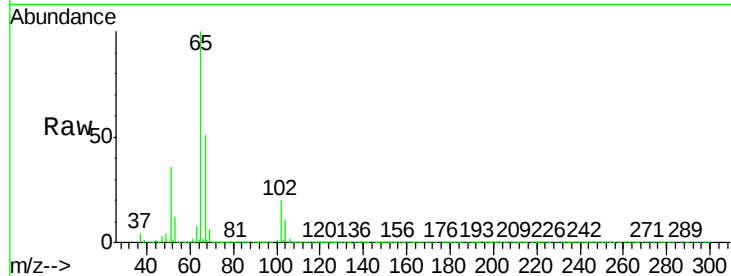
MW-4

Tot Ion: 65 Resp: 751427

Ion Ratio Lower Upper

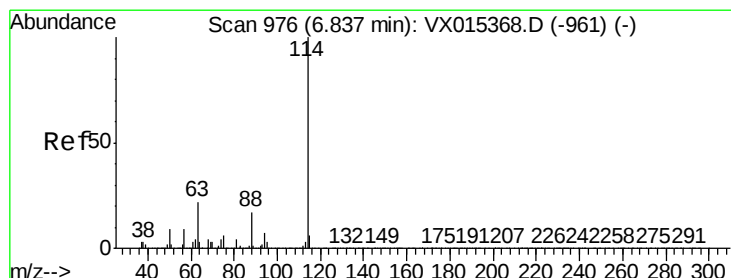
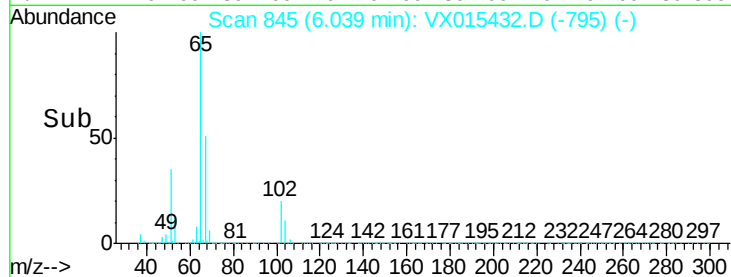
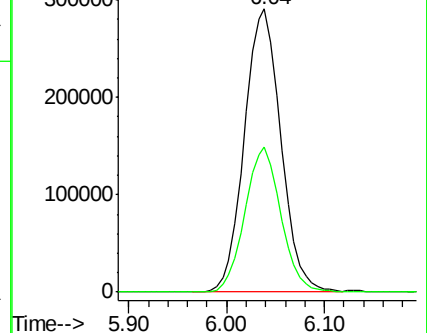
65 100

67 50.7 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. -0.00 min

Lab File: VX015432.D

Acq: 30 Mar 2020 16:50

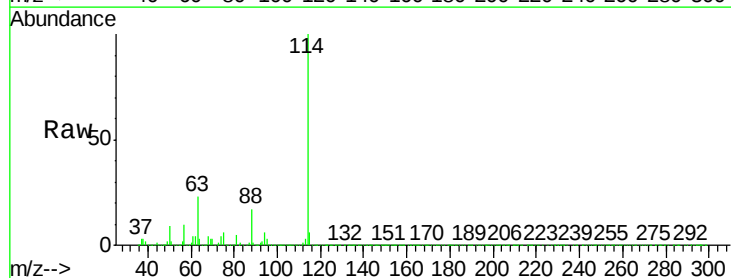
Tgt Ion: 114 Resp: 1808363

Ion Ratio Lower Upper

114 100

63 22.8 0.0 44.2

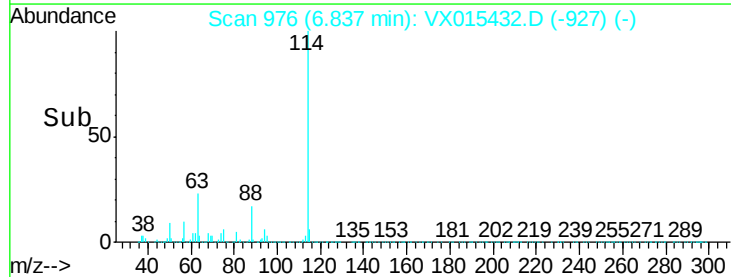
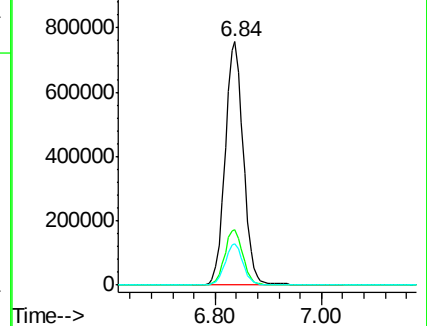
88 16.9 0.0 33.8

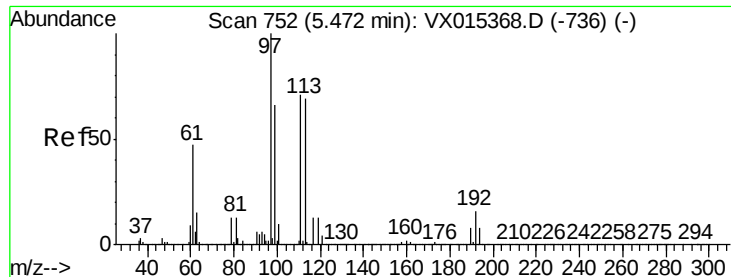


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

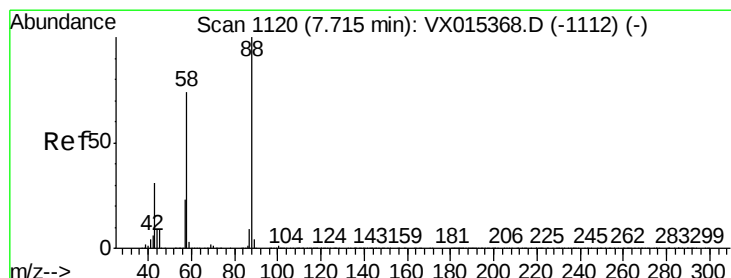
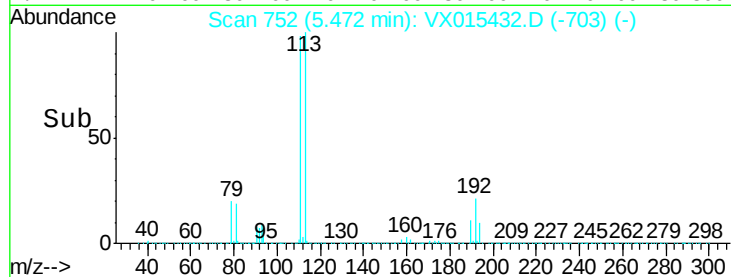
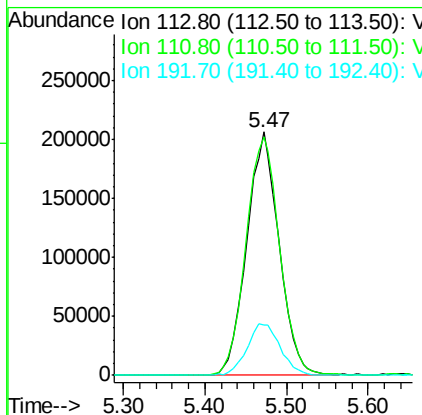
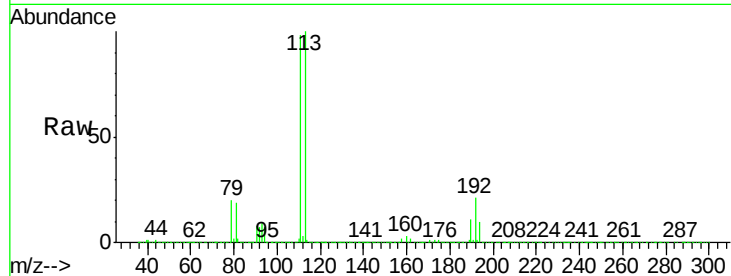




#35
 Dibromofluoromethane
 Concen: 49.093 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: VX015432.D
 Acq: 30 Mar 2020 16:50

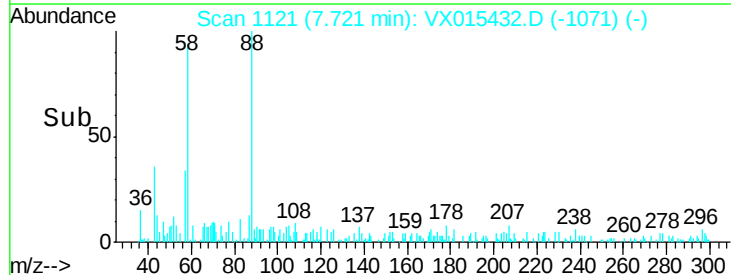
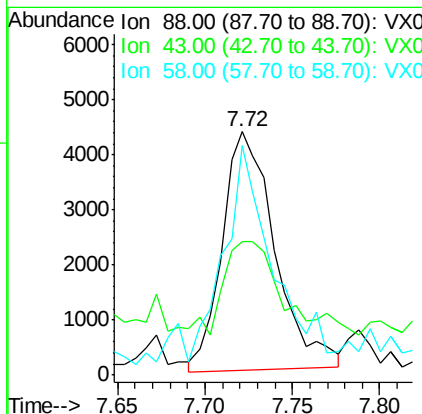
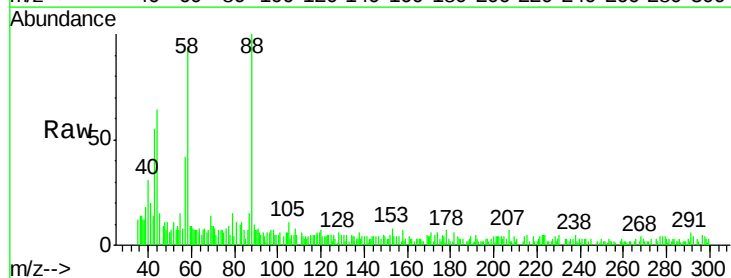
Instrument :
 MSVOA_X
 ClientSampled :
 MW-4

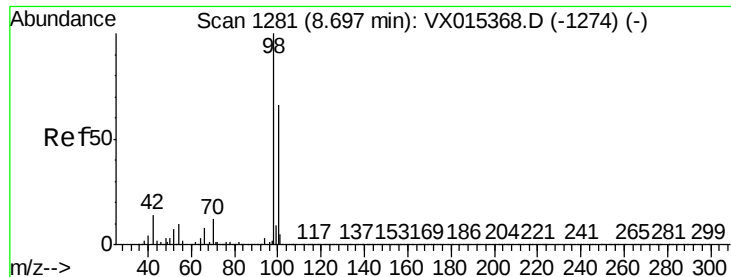
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.5	122.3
192	22.0	17.8	26.6



#49
 1,4-Dioxane
 Concen: 26.590 ug/l
 RT: 7.72 min Scan# 1121
 Delta R.T. 0.01 min
 Lab File: VX015432.D
 Acq: 30 Mar 2020 16:50

Tgt Ion	Ratio	Lower	Upper
88	100		
43	36.3	30.1	45.1
58	83.2	60.6	90.8





#50

Toluene-d8

Concen: 50.979 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015432.D

Acq: 30 Mar 2020 16:50

Instrument :

MSVOA_X

ClientSampleId :

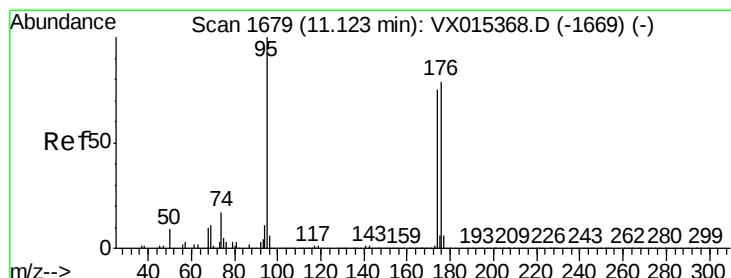
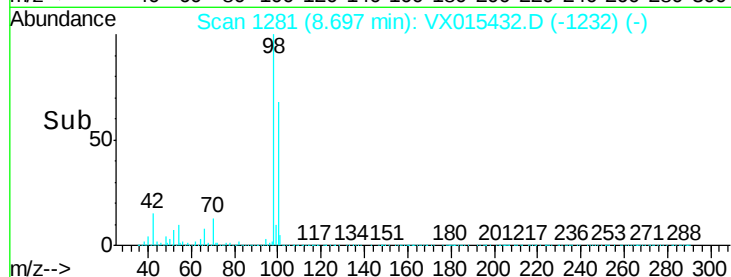
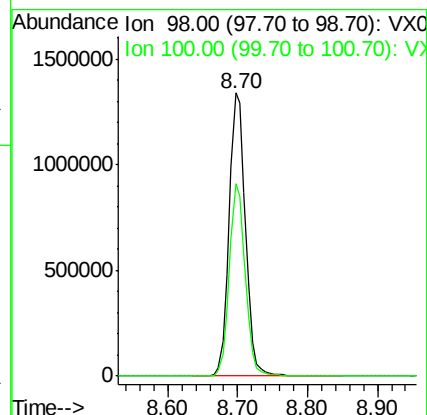
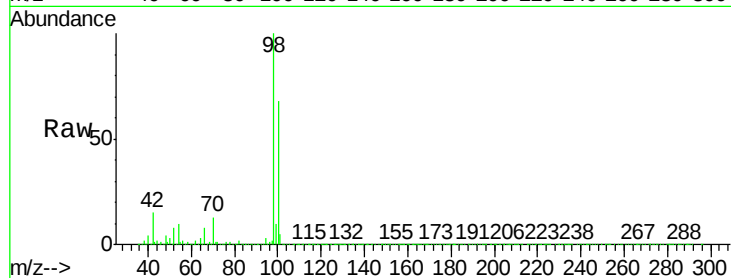
MW-4

Tot Ion: 98 Resp: 2169608

Ion Ratio Lower Upper

98 100

100 66.3 53.5 80.3



#62

4-Bromofluorobenzene

Concen: 54.503 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015432.D

Acq: 30 Mar 2020 16:50

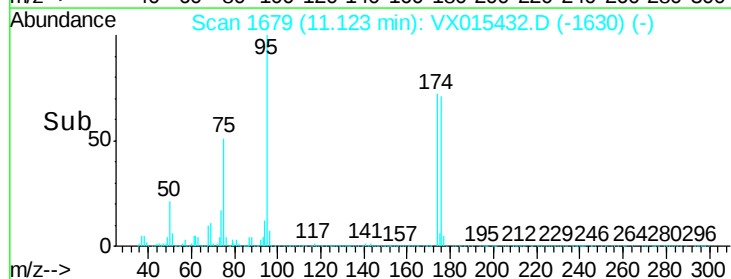
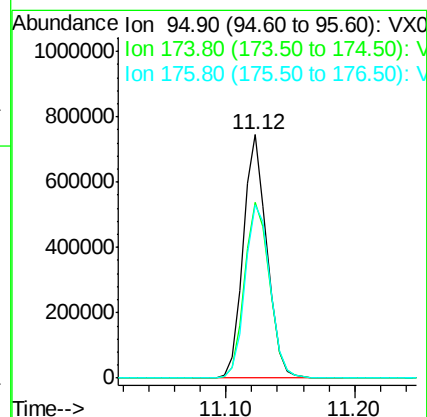
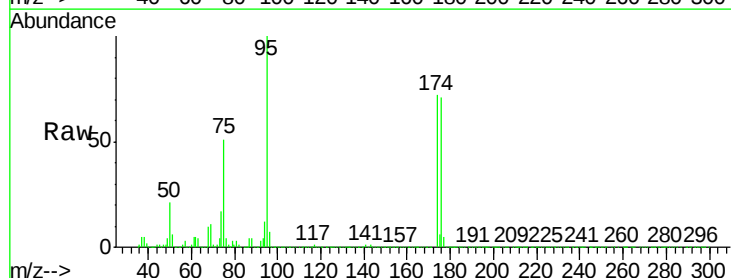
Tgt Ion: 95 Resp: 942686

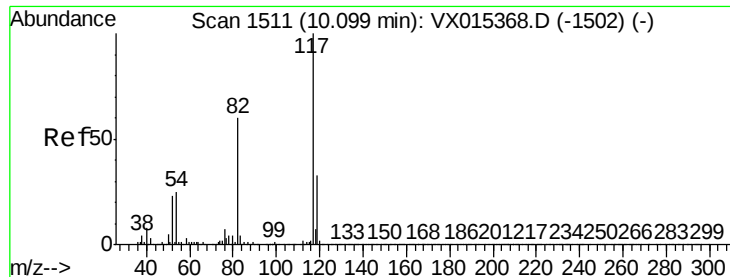
Ion Ratio Lower Upper

95 100

174 76.2 0.0 158.6

176 75.0 0.0 159.0

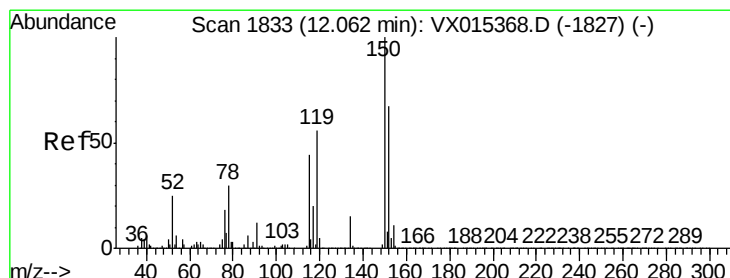
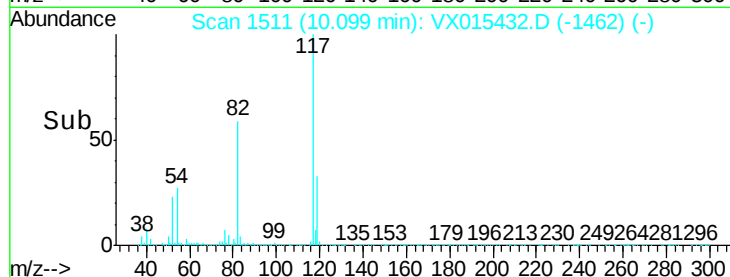
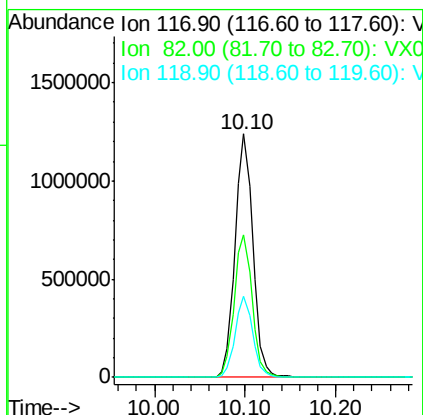
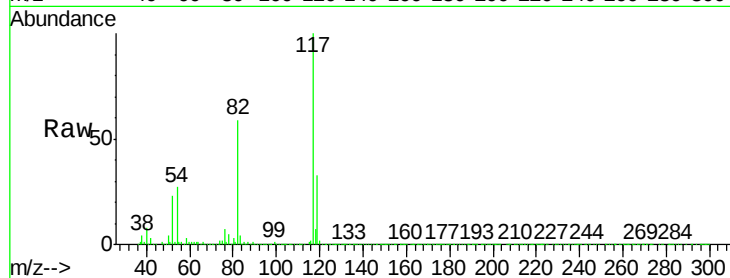




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015432.D
Acq: 30 Mar 2020 16:50

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tot Ion:117 Resp: 1696909
Ion Ratio Lower Upper
117 100
82 58.7 47.8 71.8
119 33.2 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015432.D
Acq: 30 Mar 2020 16:50

Tgt Ion:152 Resp: 913237
Ion Ratio Lower Upper
152 100
115 57.9 39.0 116.9
150 156.3 0.0 340.8

