

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051119\
 Data File : VX009530.D
 Acq On : 11 May 2019 17:04
 Operator : JC/SP
 Sample : K2799-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3D

Quant Time: May 12 02:37:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

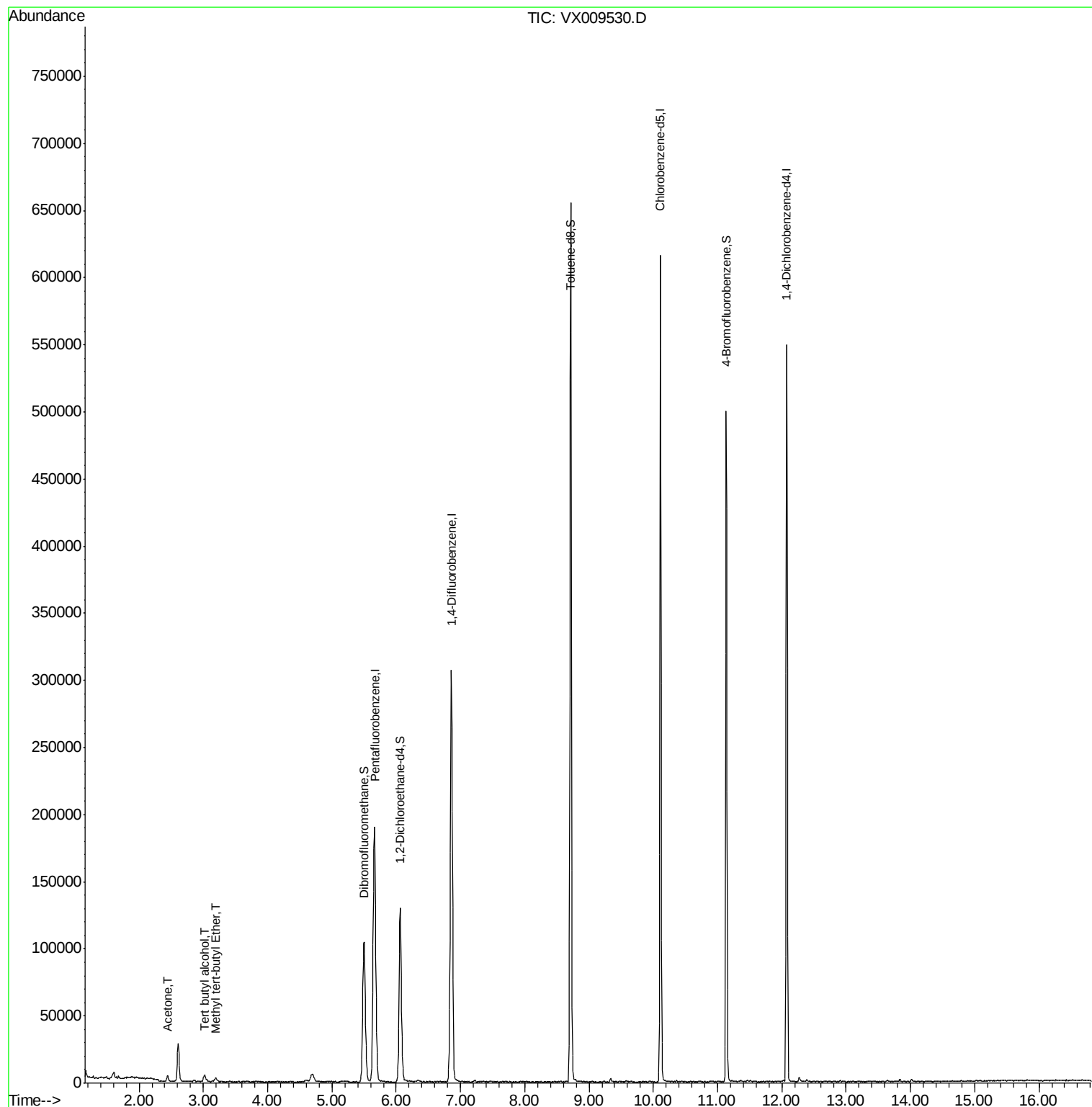
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	187466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	298131	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	266307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114899	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	120721	47.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.34%	
35) Dibromofluoromethane	5.50	113	89663	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.68%	
50) Toluene-d8	8.71	98	375437	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.24%	
62) 4-Bromofluorobenzene	11.13	95	127170	46.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.50%	
Target Compounds						
11) Tert butyl alcohol	3.01	59	4107	6.933	ug/l #	85
16) Acetone	2.44	43	5023	3.655	ug/l	92
19) Methyl tert-butyl Ether	3.20	73	2537	0.371	ug/l #	58

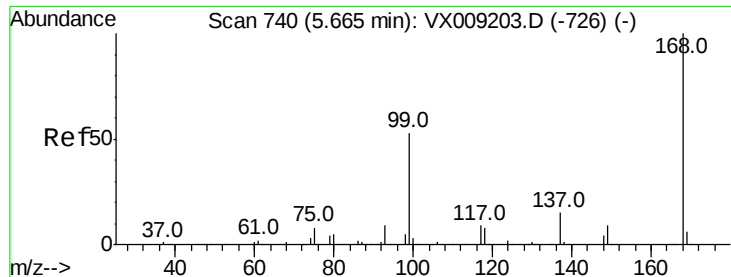
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 12 02:37:54 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009530.D

Acq: 11 May 2019 17:04

Instrument :

MSVOA_X

ClientSampleId :

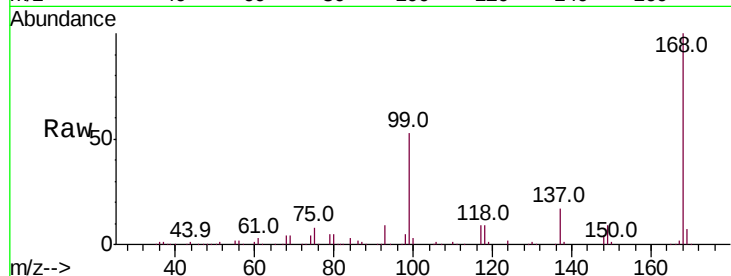
MW-3D

Tot Ion:168 Resp: 187466

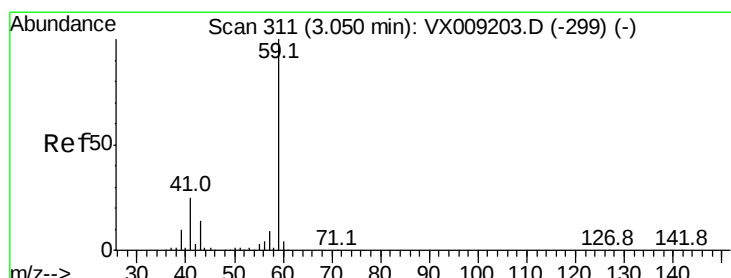
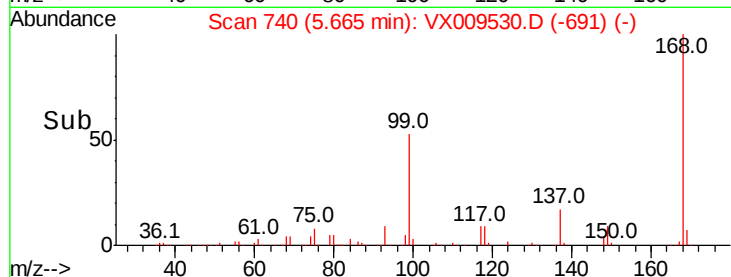
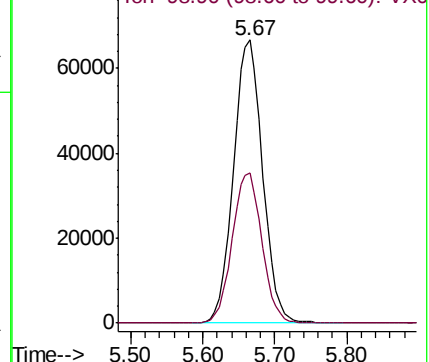
Ion Ratio Lower Upper

168 100

99 53.1 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VX009203.D (-726) (-)



#11

Tert butyl alcohol

Concen: 6.933 ug/l

RT: 3.01 min Scan# 305

Delta R.T. -0.04 min

Lab File: VX009530.D

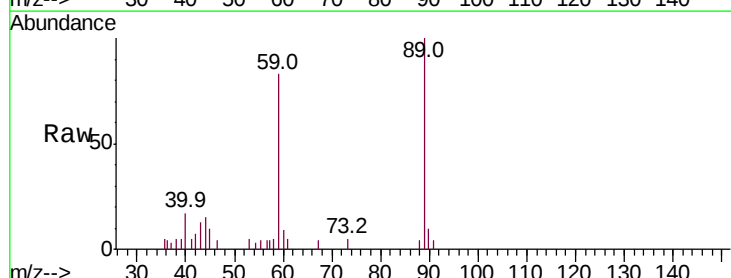
Acq: 11 May 2019 17:04

Tgt Ion: 59 Resp: 4107

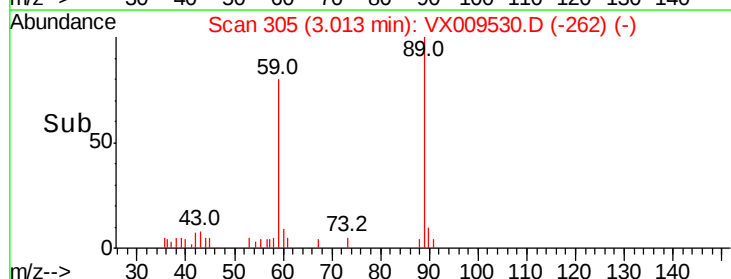
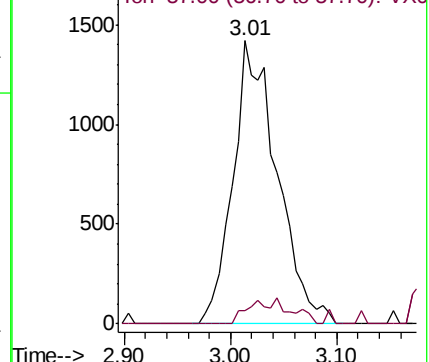
Ion Ratio Lower Upper

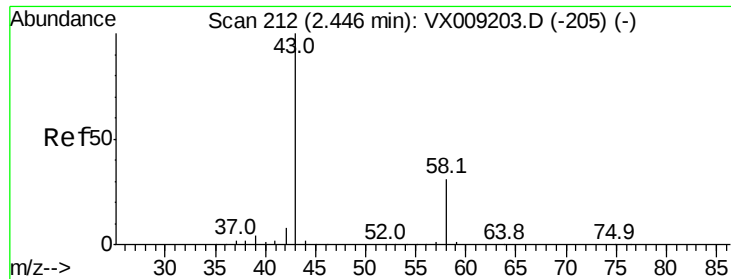
59 100

57 4.4 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX009203.D (-299) (-)





#16

Acetone

Concen: 3.655 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009530.D

Acq: 11 May 2019 17:04

Instrument :

MSVOA_X

ClientSampled :

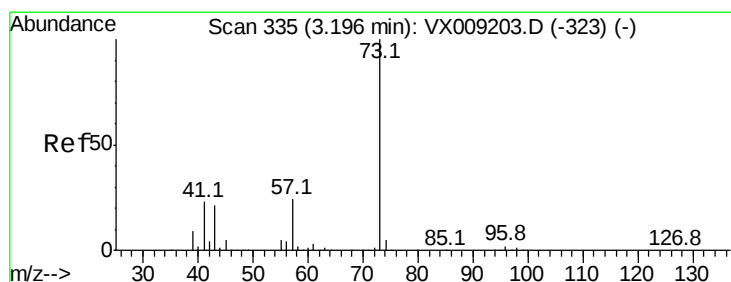
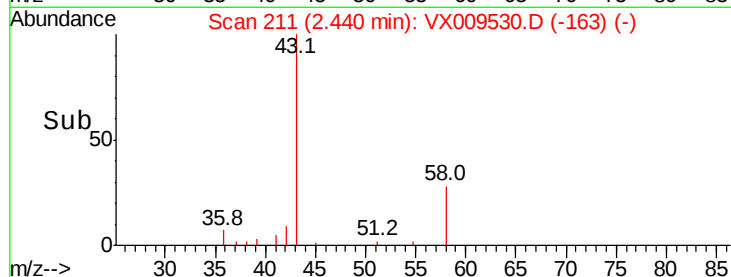
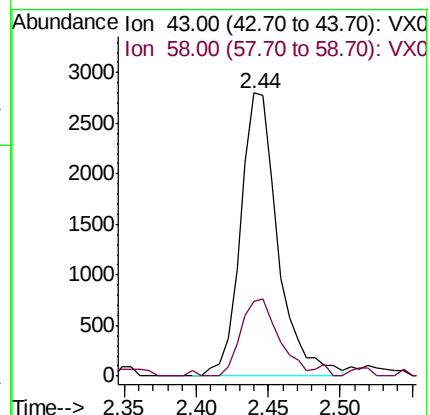
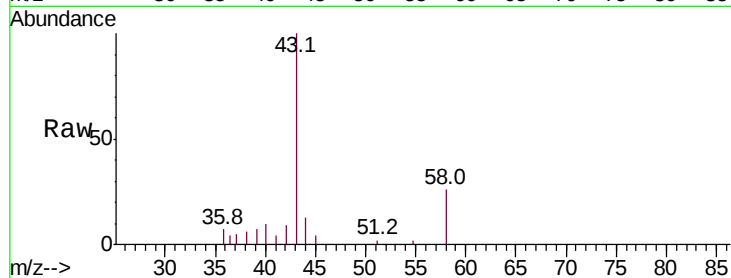
MW-3D

Tot Ion: 43 Resp: 5023

Ion Ratio Lower Upper

43 100

58 26.4 24.9 37.3



#19

Methyl tert-butyl Ether

Concen: 0.371 ug/l

RT: 3.20 min Scan# 335

Delta R.T. 0.00 min

Lab File: VX009530.D

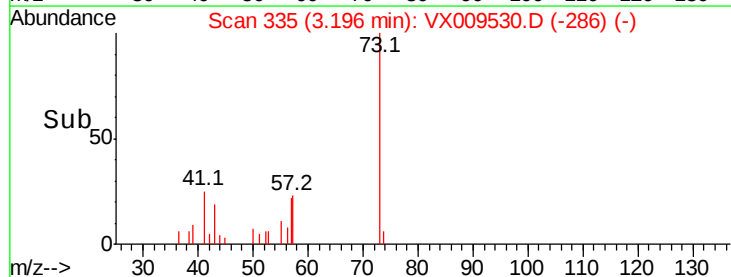
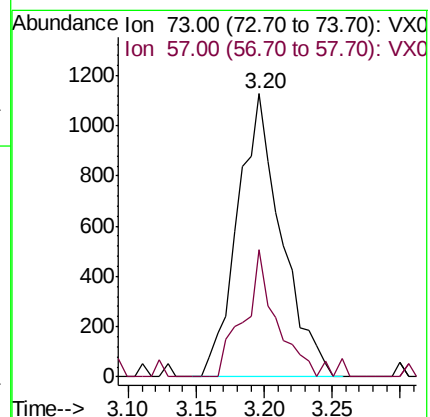
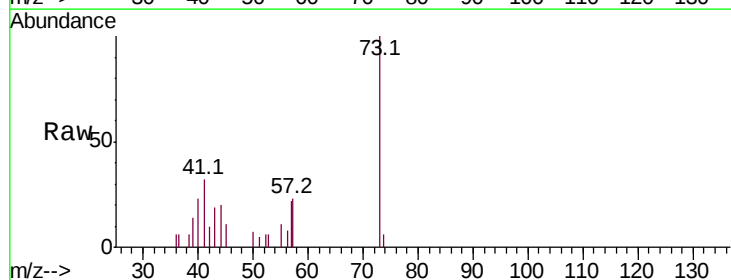
Acq: 11 May 2019 17:04

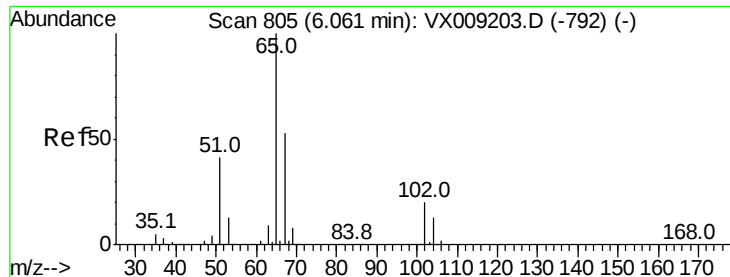
Tgt Ion: 73 Resp: 2537

Ion Ratio Lower Upper

73 100

57 44.7 19.3 28.9#





#33

1,2-Dichloroethane-d4

Concen: 47.173 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009530.D

Acq: 11 May 2019 17:04

Instrument :

MSVOA_X

ClientSampleId :

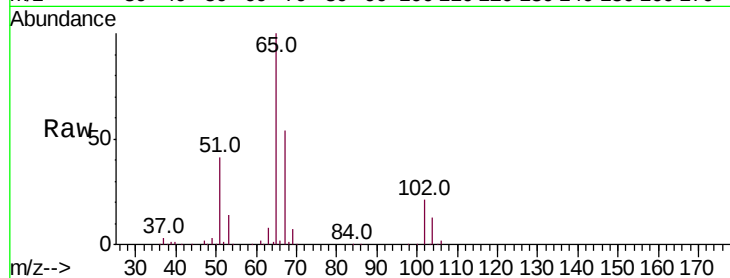
MW-3D

Tot Ion: 65 Resp: 120721

Ion Ratio Lower Upper

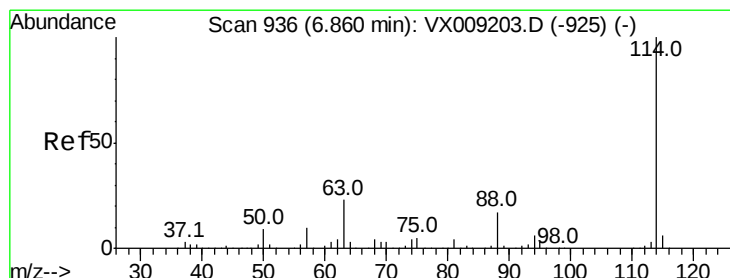
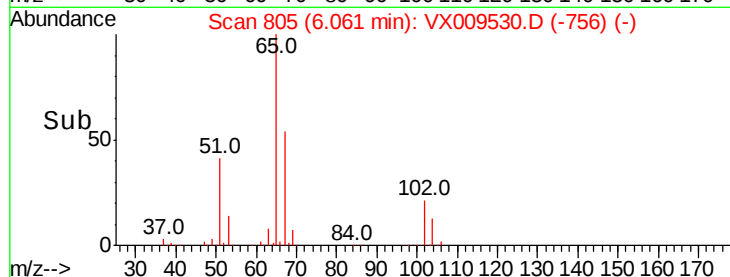
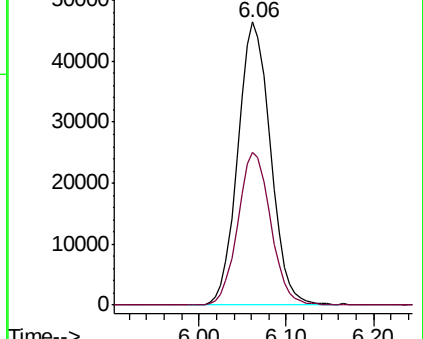
65 100

67 54.4 0.0 106.6



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: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009530.D

Acq: 11 May 2019 17:04

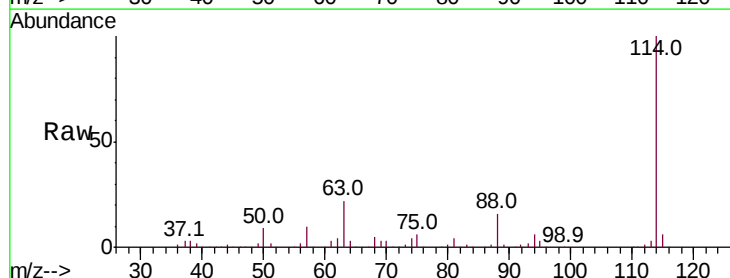
Tgt Ion:114 Resp: 298131

Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.6

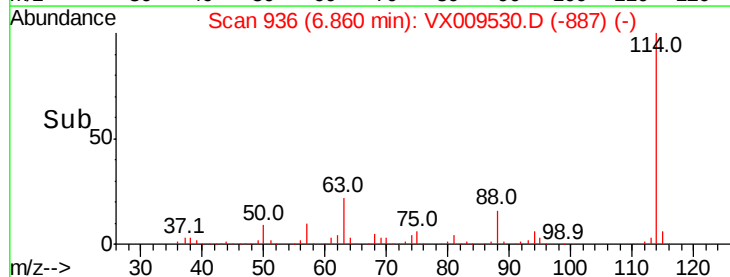
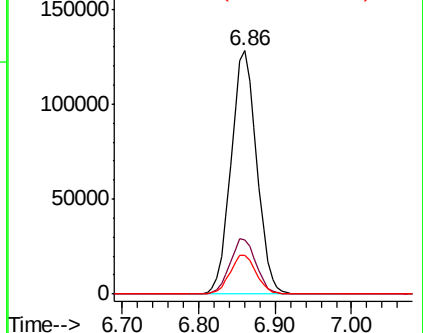
88 16.0 0.0 33.2

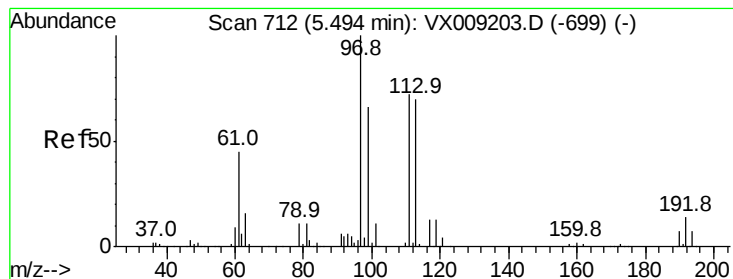


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.841 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009530.D

Acq: 11 May 2019 17:04

Instrument :

MSVOA_X

ClientSampleId :

MW-3D

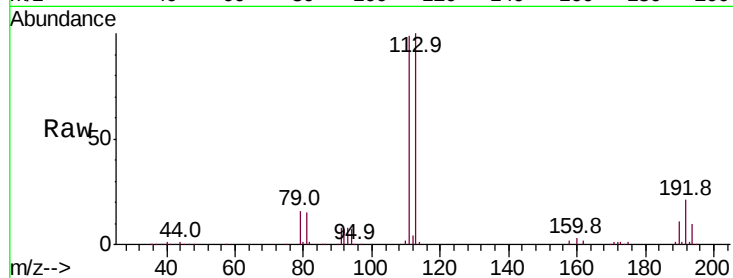
Tot Ion:113 Resp: 89663

Ion Ratio Lower Upper

113 100

111 103.7 82.8 124.2

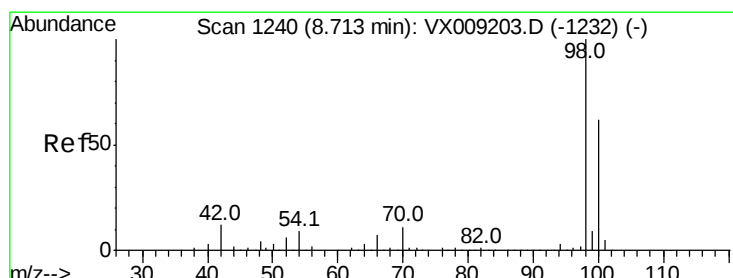
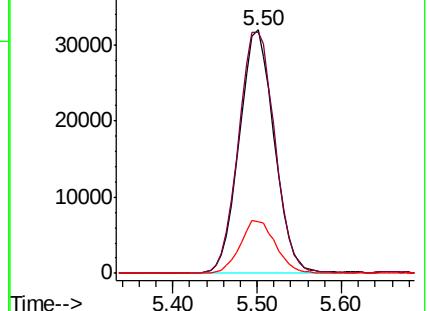
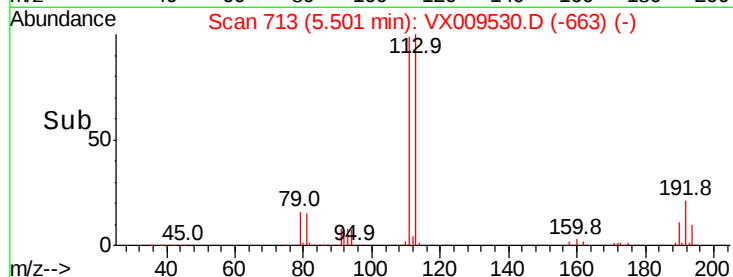
192 21.8 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 49.618 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009530.D

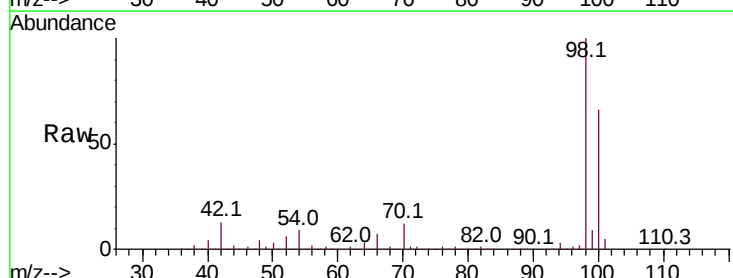
Acq: 11 May 2019 17:04

Tgt Ion: 98 Resp: 375437

Ion Ratio Lower Upper

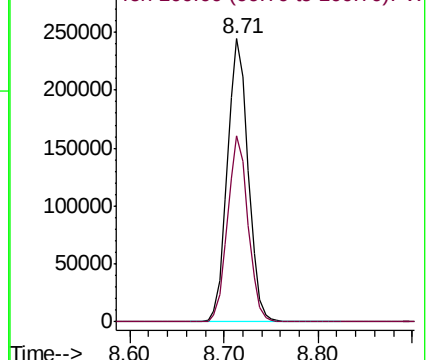
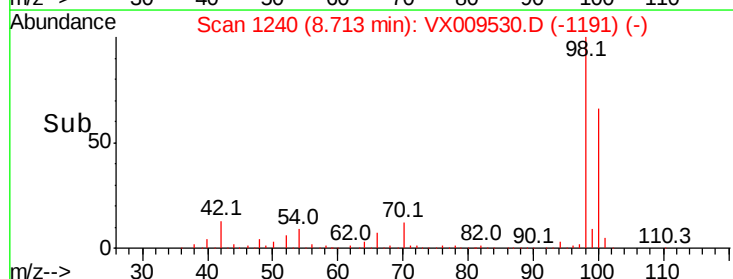
98 100

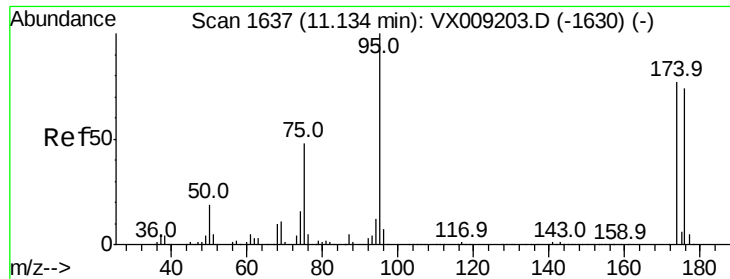
100 64.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.254 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009530.D

Acq: 11 May 2019 17:04

Instrument :

MSVOA_X

ClientSampled :

MW-3D

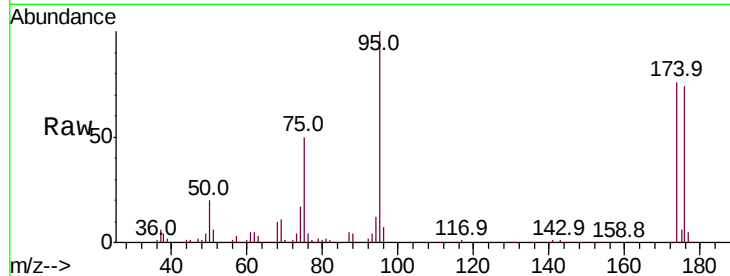
Tot Ion: 95 Resp: 127170

Ion Ratio Lower Upper

95 100

174 82.0 0.0 161.6

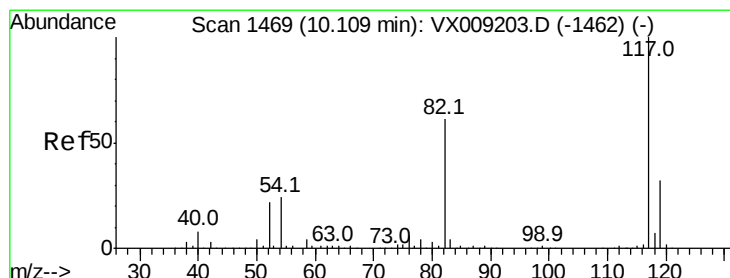
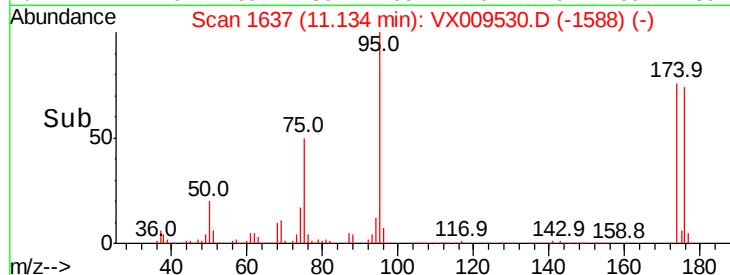
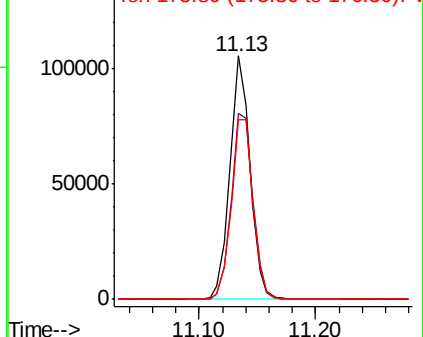
176 79.7 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009530.D

Acq: 11 May 2019 17:04

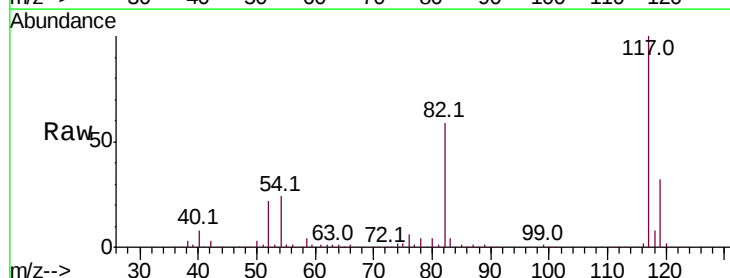
Tgt Ion: 117 Resp: 266307

Ion Ratio Lower Upper

117 100

82 59.2 48.8 73.2

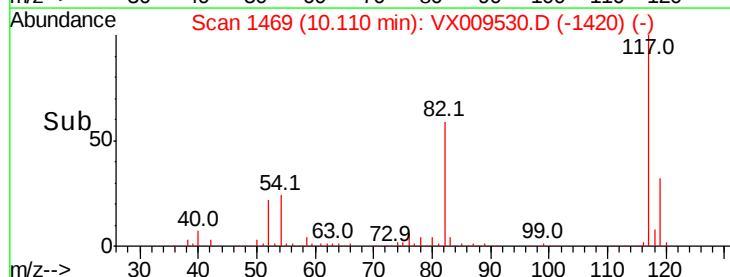
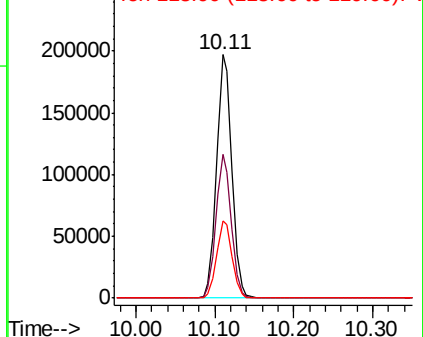
119 31.6 25.8 38.6

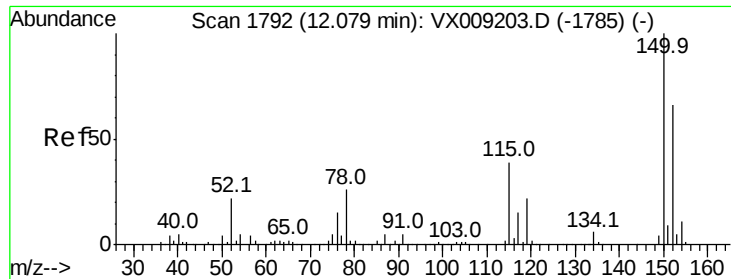


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

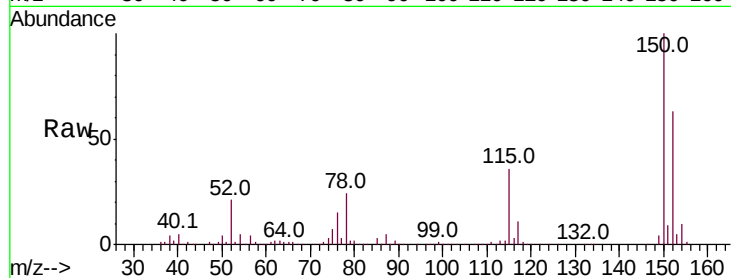




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX009530.D
 Acq: 11 May 2019 17:04

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3D

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.8	41.2	123.6
150	156.4	0.0	346.4



Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

