

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050919\
 Data File : VX009430.D
 Acq On : 09 May 2019 16:11
 Operator : JC/SP
 Sample : K2748-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9

Quant Time: May 10 07:51:39 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

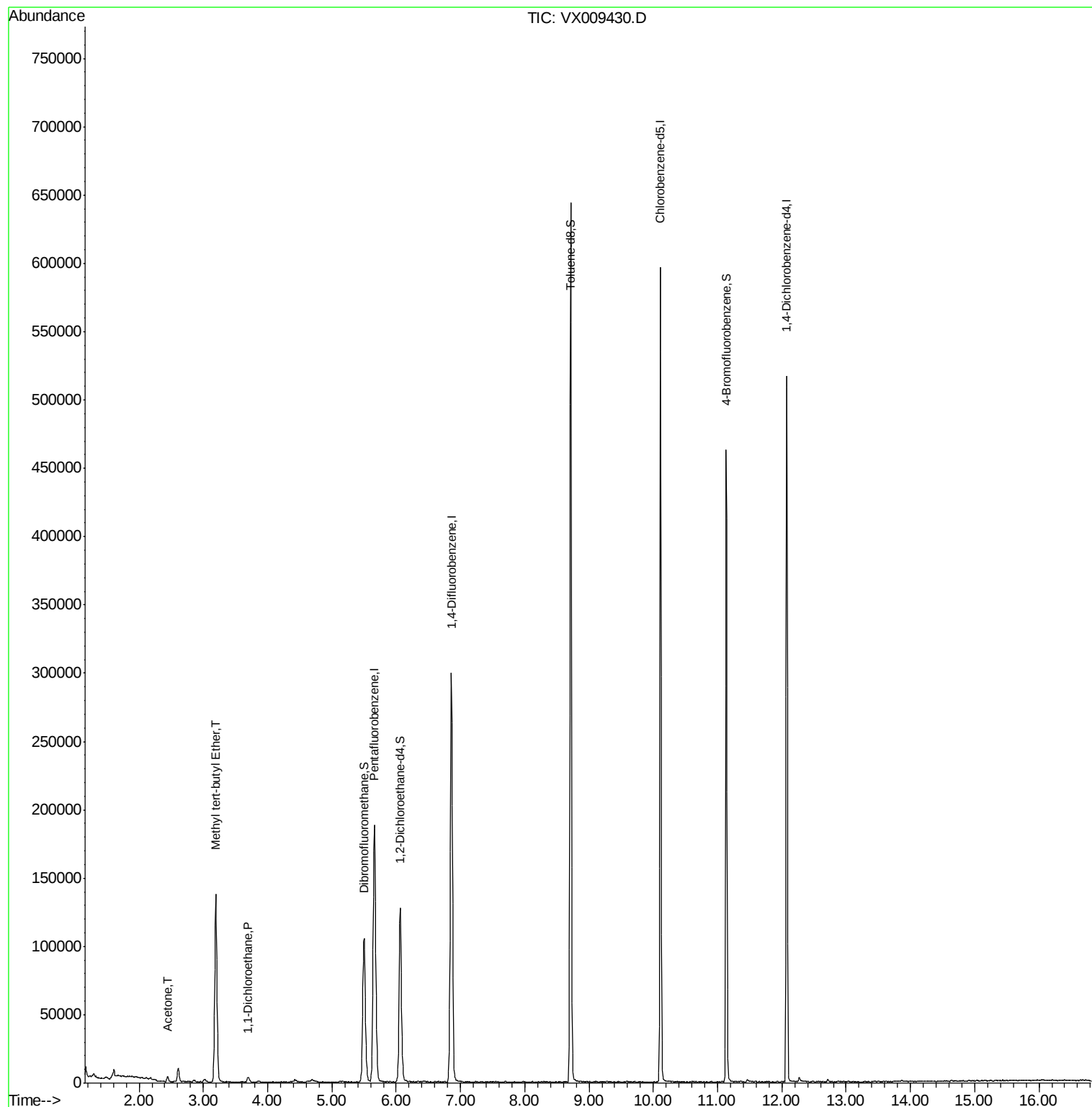
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	184959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	296520	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	256704	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	108624	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	120583	47.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.52%	
35) Dibromofluoromethane	5.50	113	90452	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
50) Toluene-d8	8.71	98	366807	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.48%	
62) 4-Bromofluorobenzene	11.13	95	120304	43.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.98%	
Target Compounds						
16) Acetone	2.44	43	4693	3.461	ug/l	96
19) Methyl tert-butyl Ether	3.19	73	149728	22.218	ug/l	100
24) 1,1-Dichloroethane	3.70	63	3730	0.930	ug/l	99

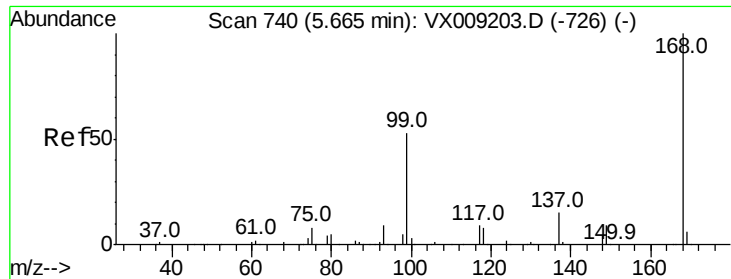
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009430.D

Acq: 09 May 2019 16:11

Instrument :

MSVOA_X

ClientSampled :

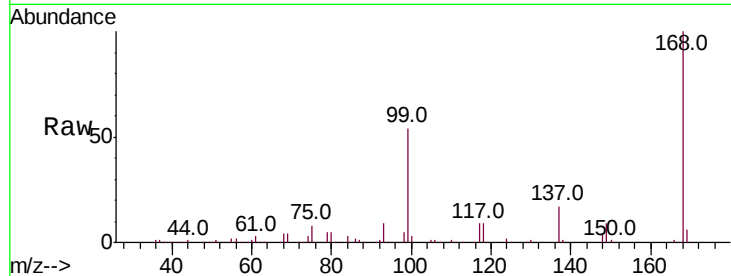
MW-9

Tot Ion:168 Resp: 184959

Ion Ratio Lower Upper

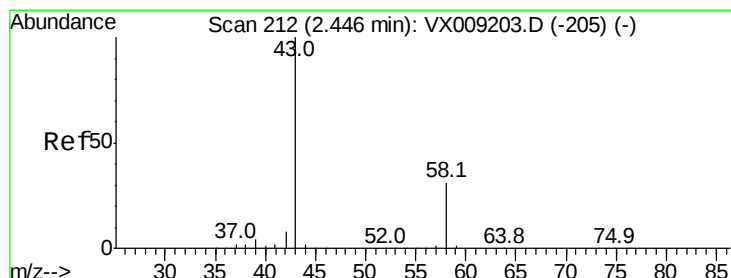
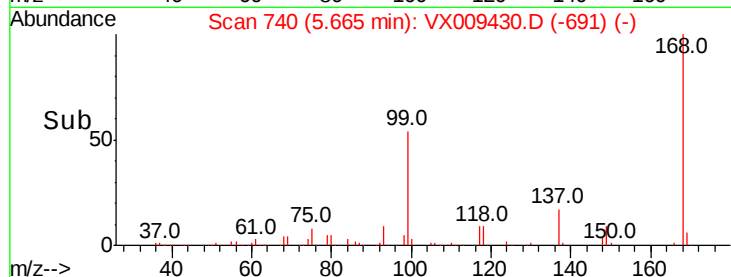
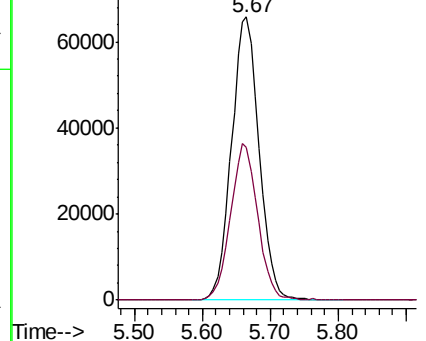
168 100

99 53.9 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 3.461 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009430.D

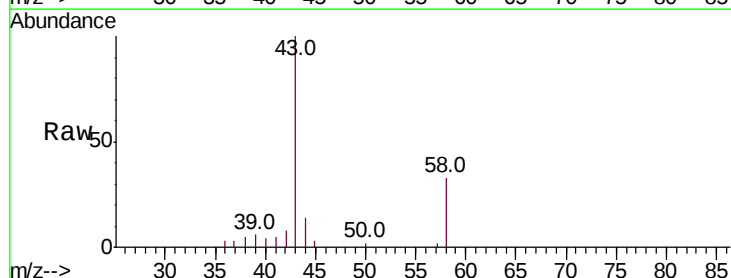
Acq: 09 May 2019 16:11

Tgt Ion: 43 Resp: 4693

Ion Ratio Lower Upper

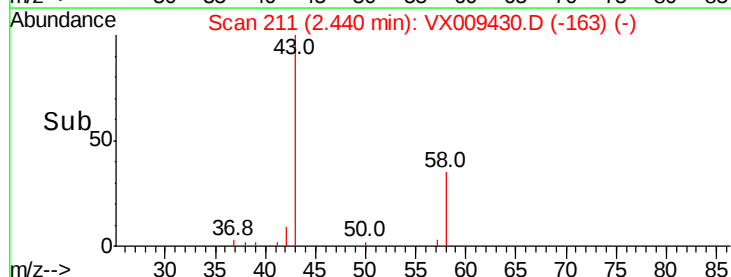
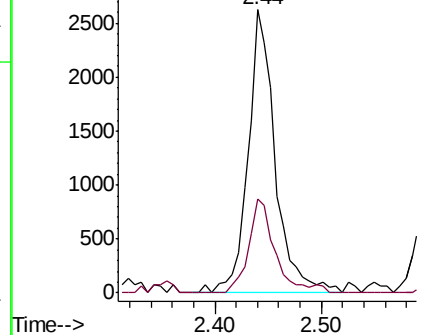
43 100

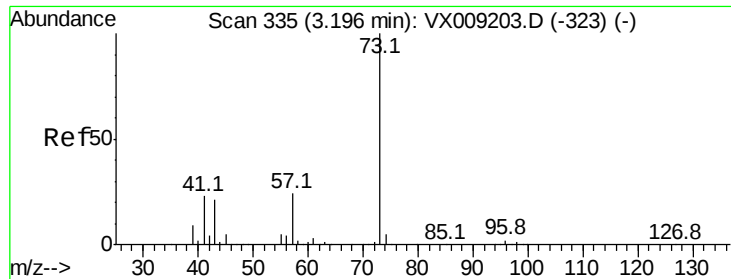
58 33.2 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

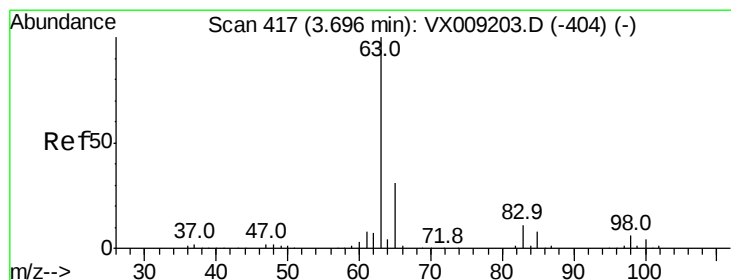
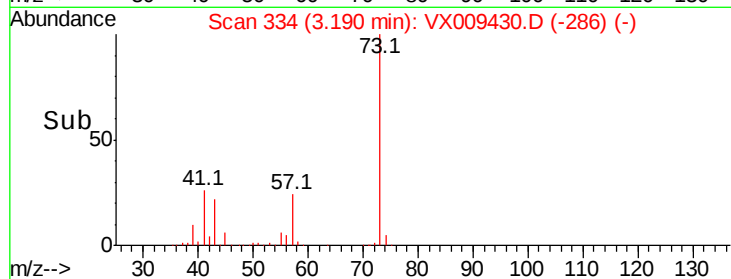
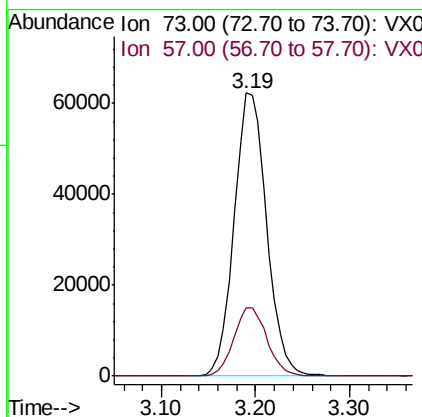
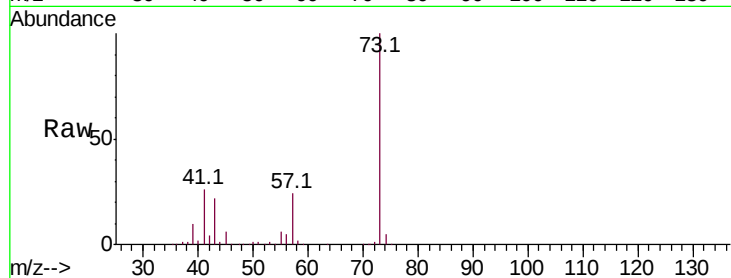




#19
Methvl tert-butvl Ether
Concen: 22.218 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX009430.D
Acq: 09 May 2019 16:11

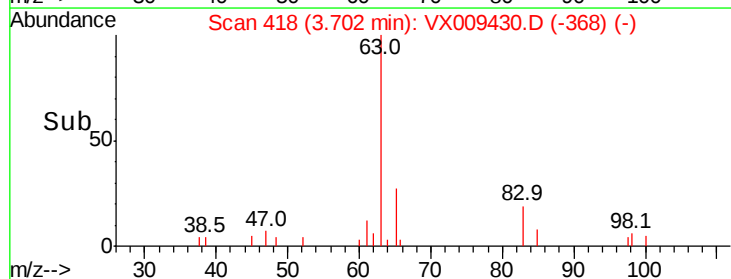
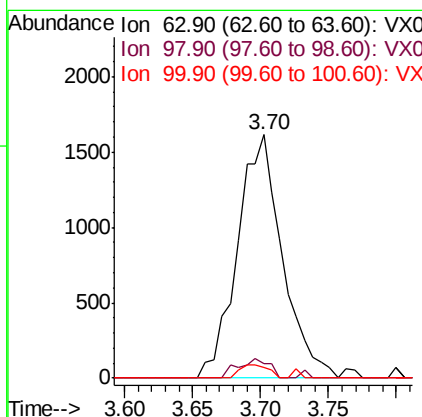
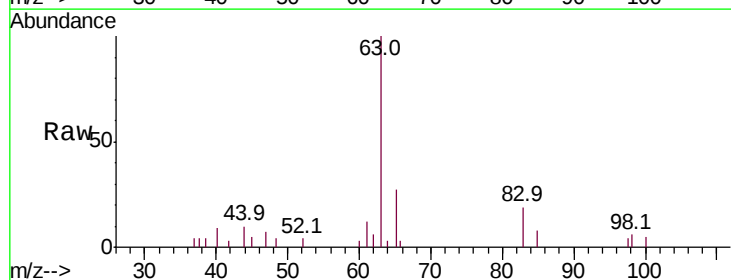
Instrument :
MSVOA_X
ClientSampleId :
MW-9

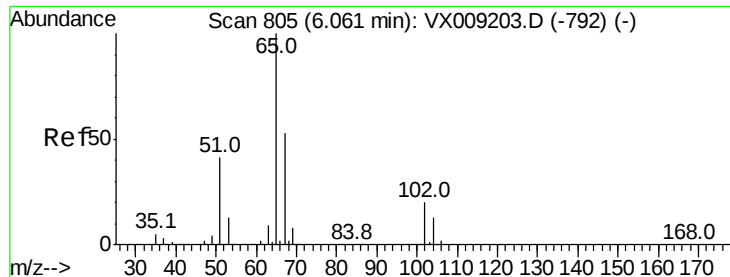
Tot Ion: 73 Resp: 149728
Ion Ratio Lower Upper
73 100
57 24.2 19.3 28.9



#24
1,1-Dichloroethane
Concen: 0.930 ug/l
RT: 3.70 min Scan# 418
Delta R.T. 0.01 min
Lab File: VX009430.D
Acq: 09 May 2019 16:11

Tgt Ion: 63 Resp: 3730
Ion Ratio Lower Upper
63 100
98 5.9 3.0 9.2
100 4.6 2.0 6.0





#33

1,2-Dichloroethane-d4

Concen: 47.757 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009430.D

Acq: 09 May 2019 16:11

Instrument :

MSVOA_X

ClientSampleId :

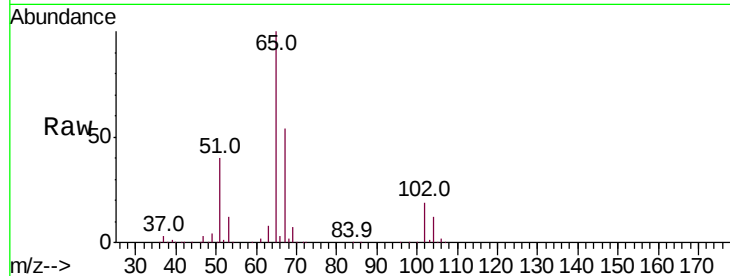
MW-9

Tot Ion: 65 Resp: 120583

Ion Ratio Lower Upper

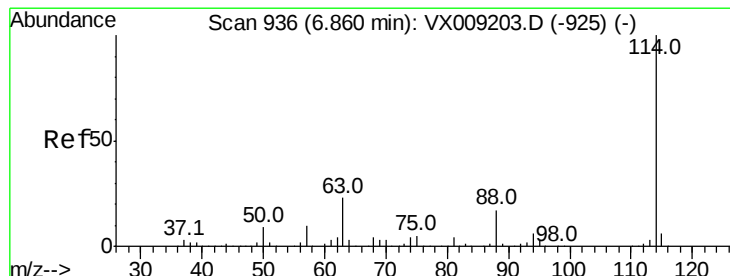
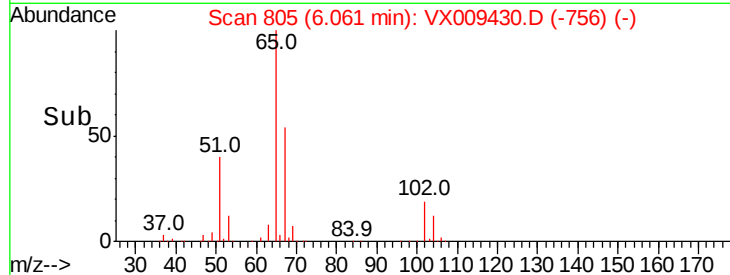
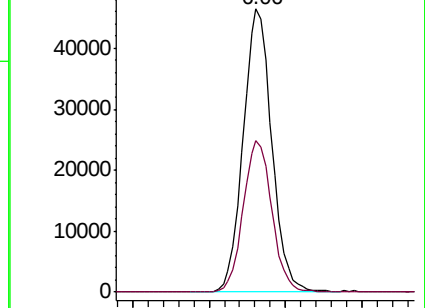
65 100

67 54.0 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: VX009430.D

Acq: 09 May 2019 16:11

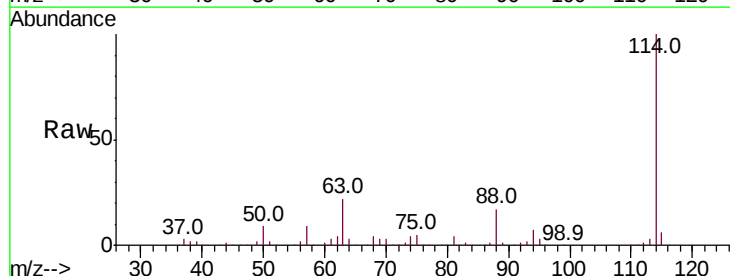
Tgt Ion:114 Resp: 296520

Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.6

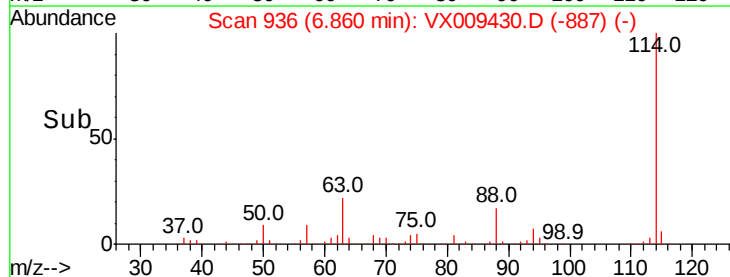
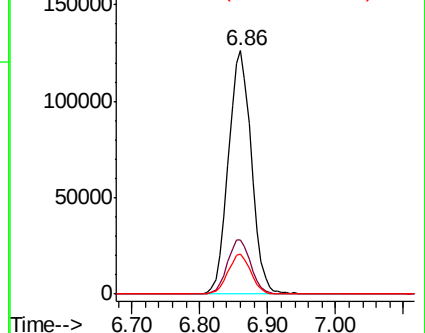
88 16.6 0.0 33.2

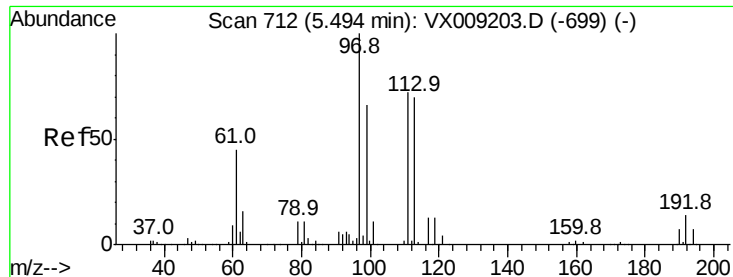


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

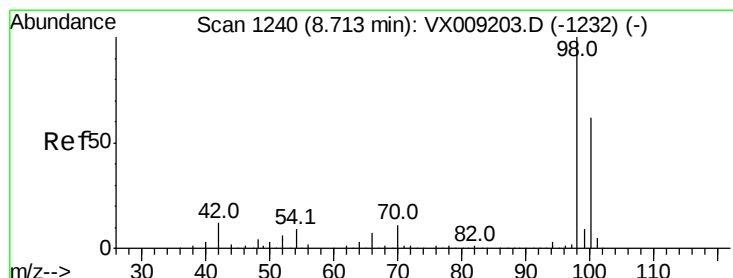
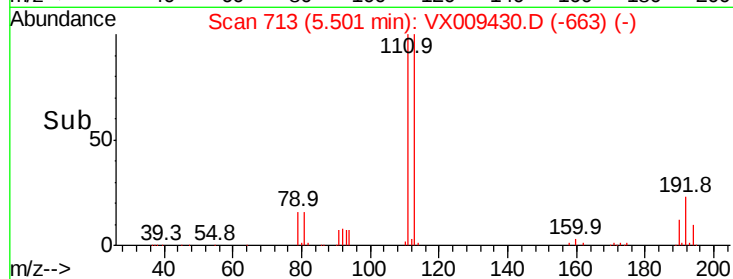
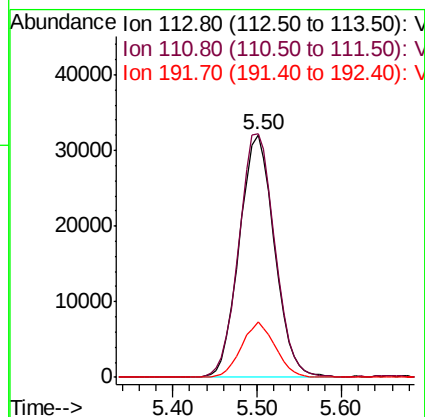
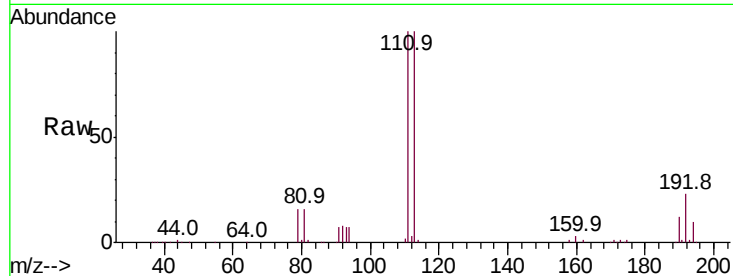




#35
 Dibromofluoromethane
 Concen: 48.525 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009430.D
 Acq: 09 May 2019 16:11

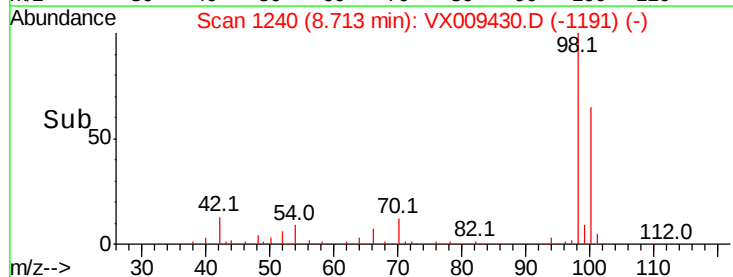
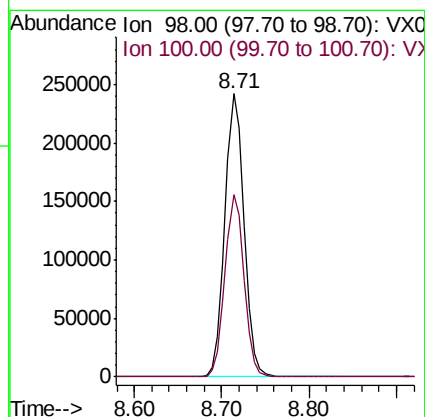
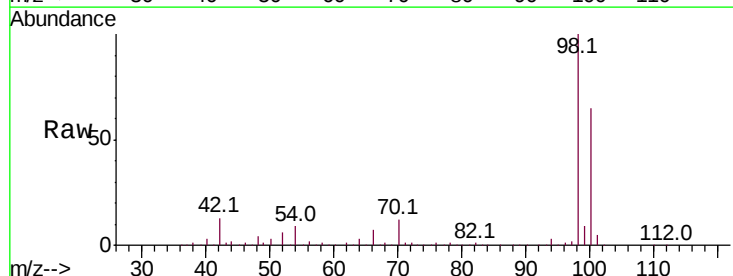
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9

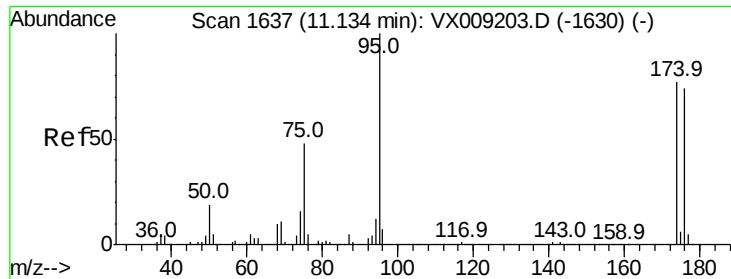
Tot Ion:113 Resp: 90452
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.8 124.2
 192 21.9 17.0 25.6



#50
 Toluene-d8
 Concen: 48.741 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX009430.D
 Acq: 09 May 2019 16:11

Tgt Ion: 98 Resp: 366807
 Ion Ratio Lower Upper
 98 100
 100 64.4 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 43.995 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009430.D

Acq: 09 May 2019 16:11

Instrument :

MSVOA_X

ClientSampleId :

MW-9

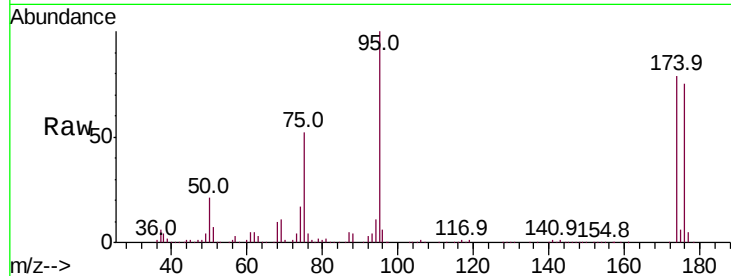
Tot Ion: 95 Resp: 120304

Ion Ratio Lower Upper

95 100

174 83.4 0.0 161.6

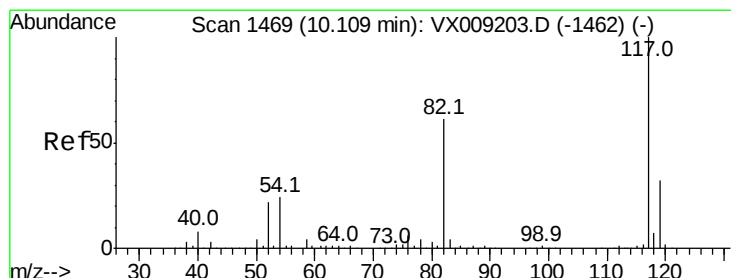
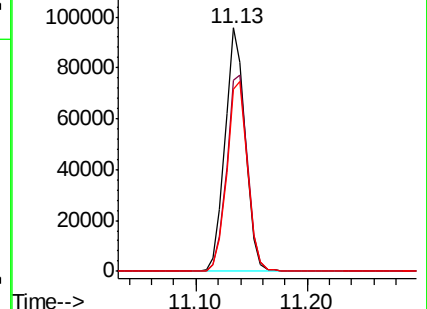
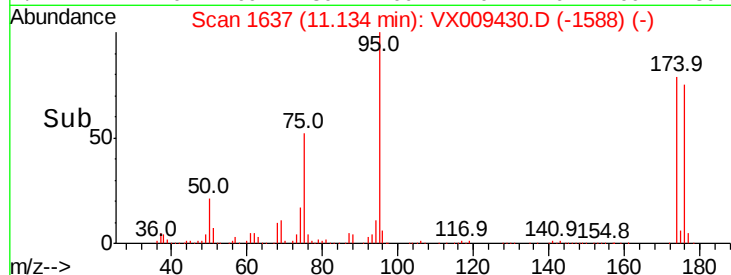
176 79.7 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009430.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009430.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009430.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009430.D

Acq: 09 May 2019 16:11

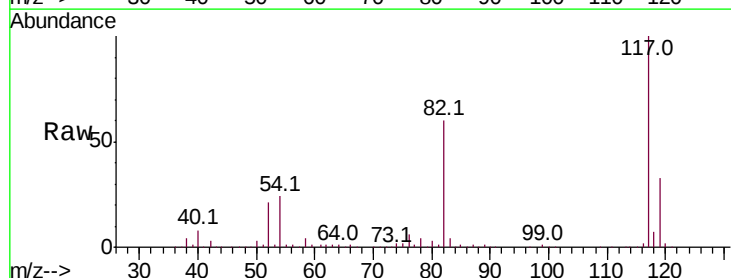
Tgt Ion: 117 Resp: 256704

Ion Ratio Lower Upper

117 100

82 59.8 48.8 73.2

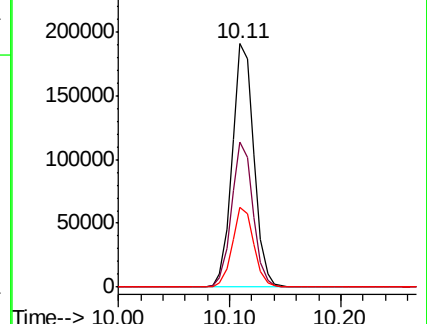
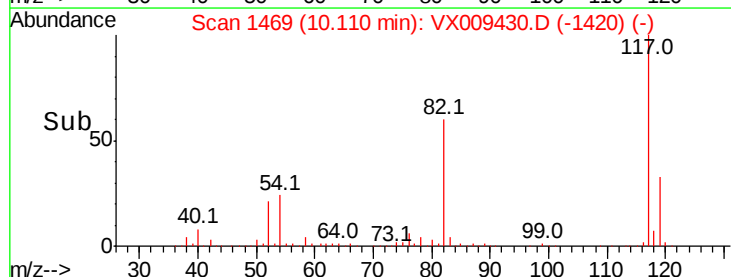
119 32.6 25.8 38.6

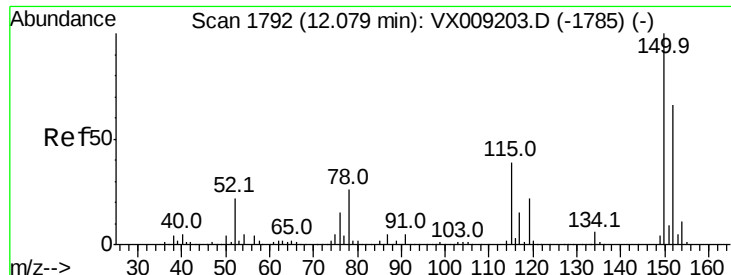


Abundance Ion 116.90 (116.60 to 117.60): VX009430.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009430.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009430.D (-1420) (-)





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX009430.D
 Acq: 09 May 2019 16:11

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.8	41.2	123.6
150	157.0	0.0	346.4

