

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050219\
 Data File : VX009286.D
 Acq On : 02 May 2019 20:22
 Operator : JC/SP
 Sample : K2659-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW638-190429

Quant Time: May 03 12:15:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

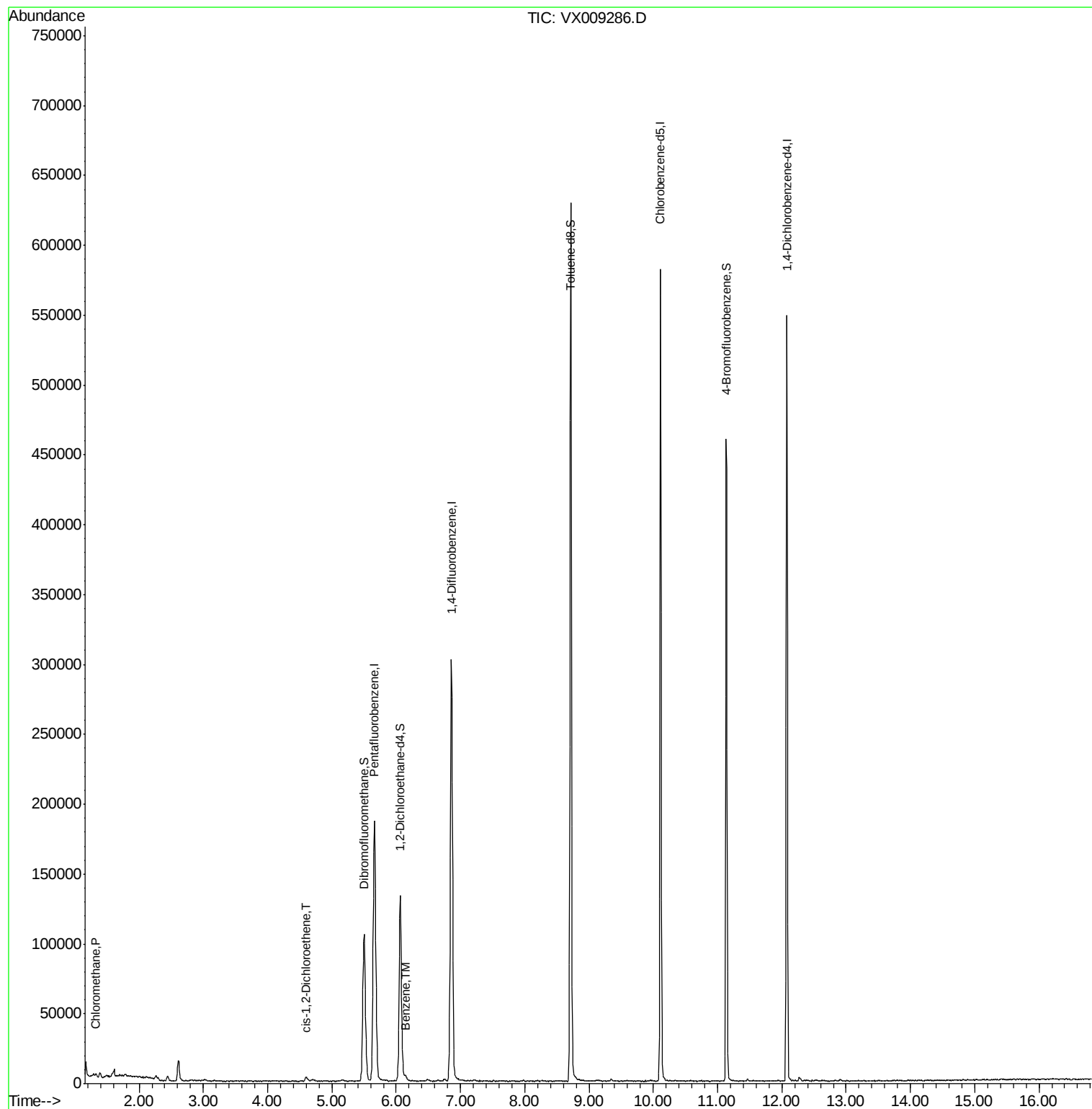
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	185768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	299060	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	258877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	108753	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	124427	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
35) Dibromofluoromethane	5.50	113	91169	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.98%	
50) Toluene-d8	8.71	98	372363	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
62) 4-Bromofluorobenzene	11.13	95	122555	44.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.88%	
Target Compounds						
3) Chloromethane	1.32	50	1464	0.626	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	1737	0.770	ug/l	92
40) Benzene	6.14	78	3534	0.411	ug/l	100

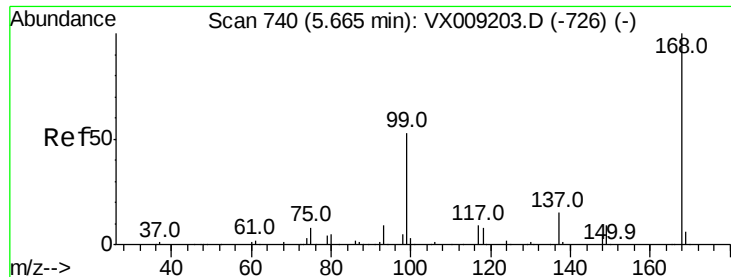
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009286.D

Acq: 02 May 2019 20:22

Instrument :

MSVOA_X

ClientSampleId :

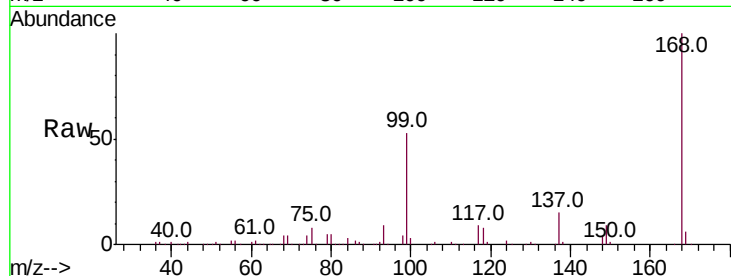
SS050MW638-190429

Tot Ion:168 Resp: 185768

Ion Ratio Lower Upper

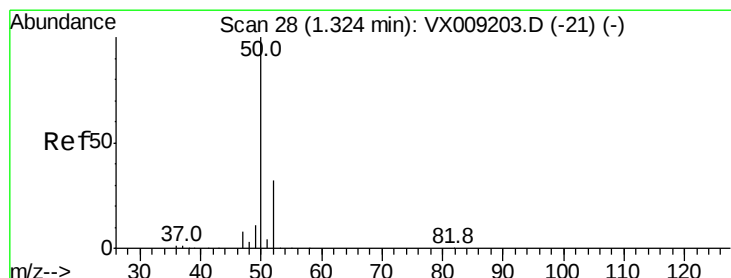
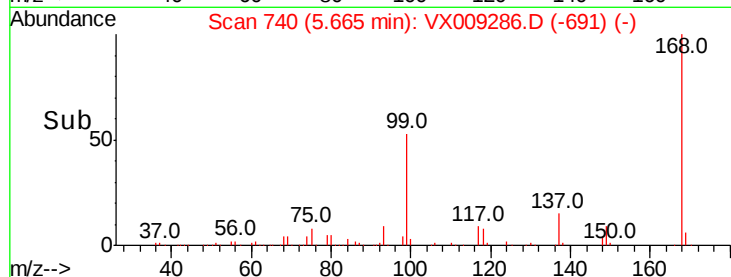
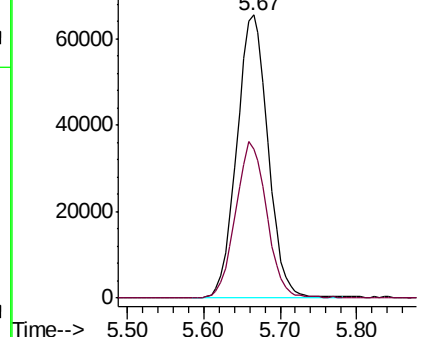
168 100

99 52.5 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.626 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009286.D

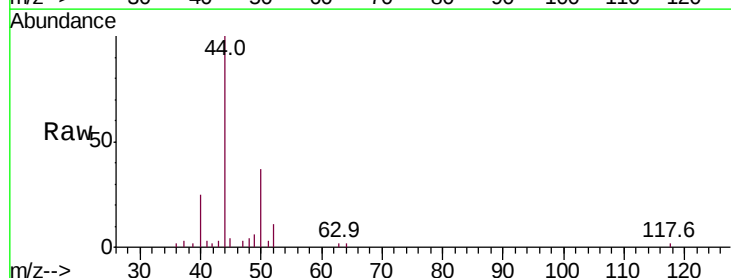
Acq: 02 May 2019 20:22

Tgt Ion: 50 Resp: 1464

Ion Ratio Lower Upper

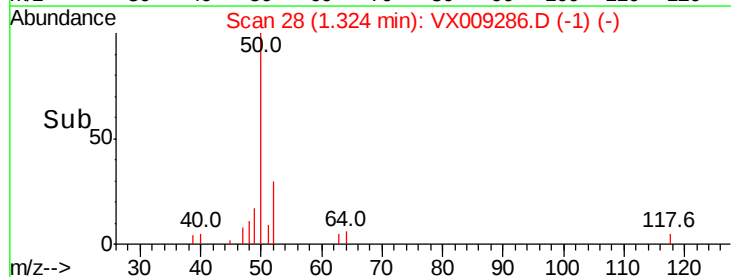
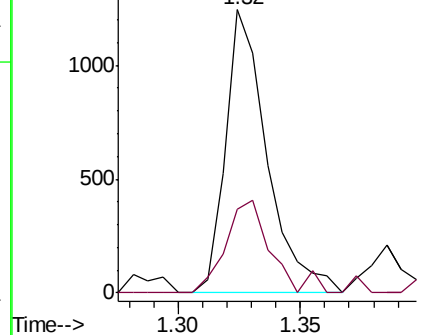
50 100

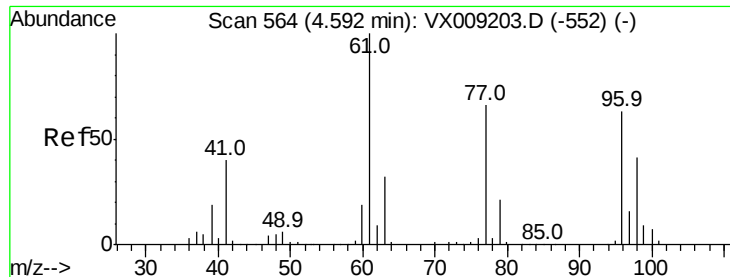
52 29.8 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



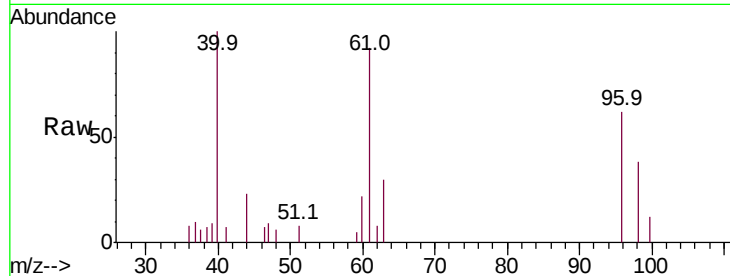


#27

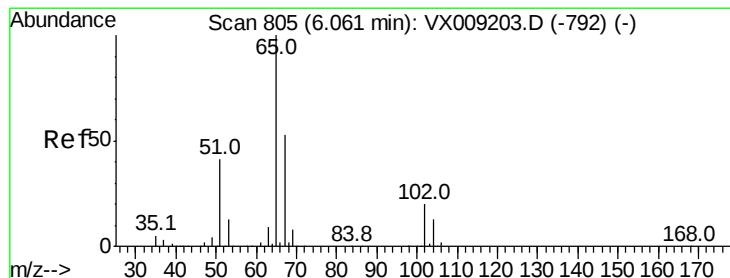
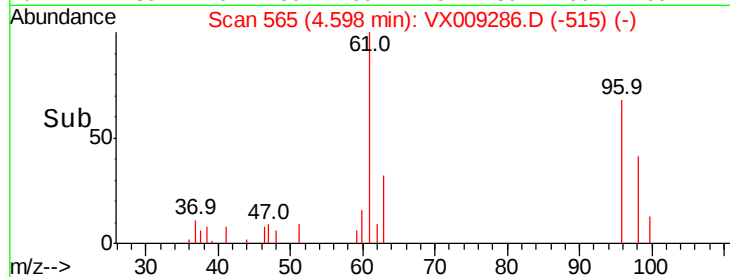
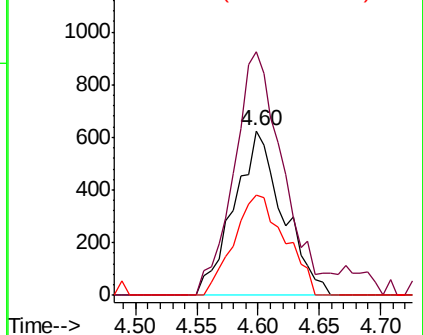
cis-1,2-Dichloroethene
 Concen: 0.770 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX009286.D
 Acq: 02 May 2019 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW638-190429

Tot Ion: 96 Resp: 1737
 Ion Ratio Lower Upper
 96 100
 61 148.9 0.0 324.0
 98 63.8 0.0 130.4



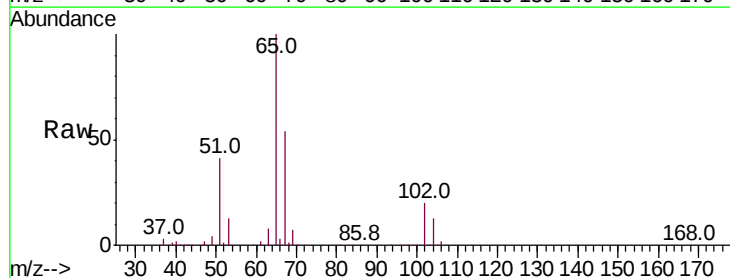
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



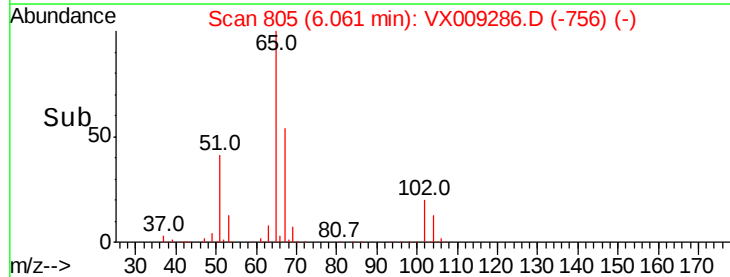
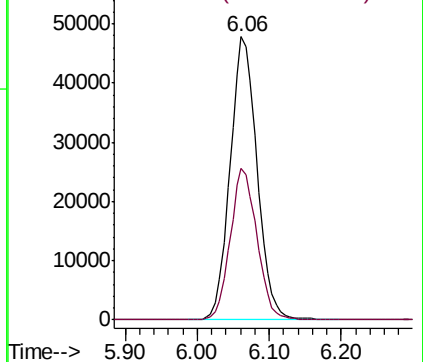
#33

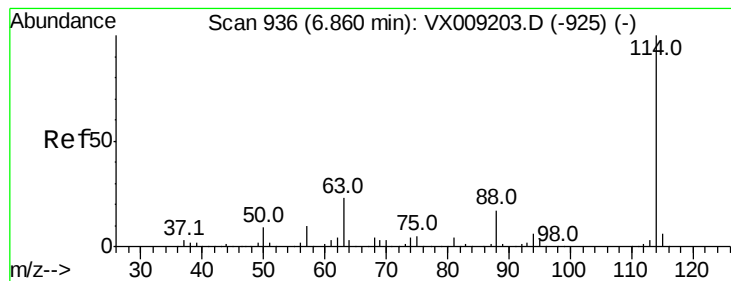
1,2-Dichloroethane-d4
 Concen: 49.065 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009286.D
 Acq: 02 May 2019 20:22

Tgt Ion: 65 Resp: 124427
 Ion Ratio Lower Upper
 65 100
 67 53.1 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: VX009286.D

Acq: 02 May 2019 20:22

Instrument :

MSVOA_X

ClientSampleId :

SS050MW638-190429

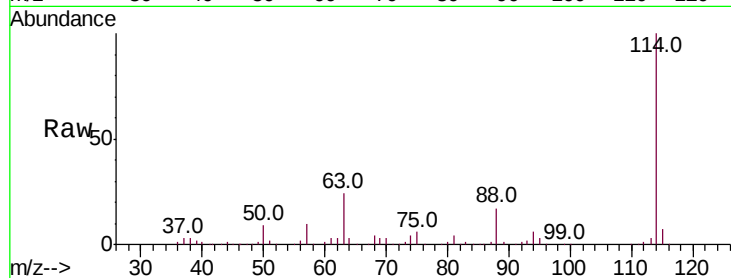
Tot Ion:114 Resp: 299060

Ion Ratio Lower Upper

114 100

63 23.7 0.0 45.6

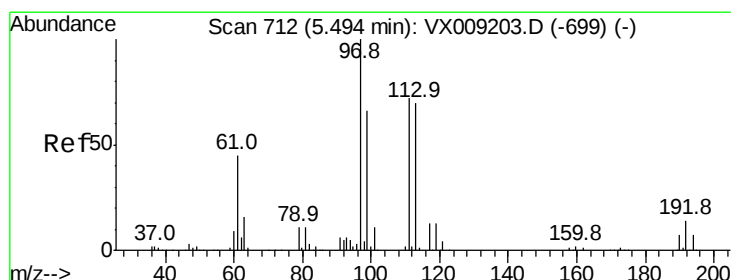
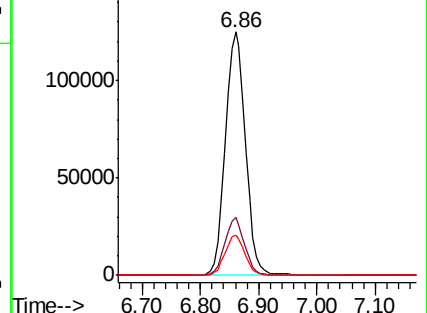
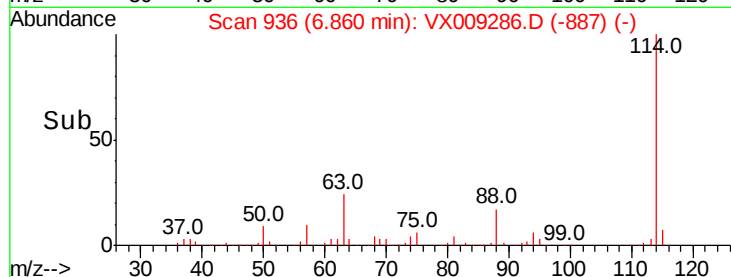
88 16.5 0.0 33.2



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: 48.494 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009286.D

Acq: 02 May 2019 20:22

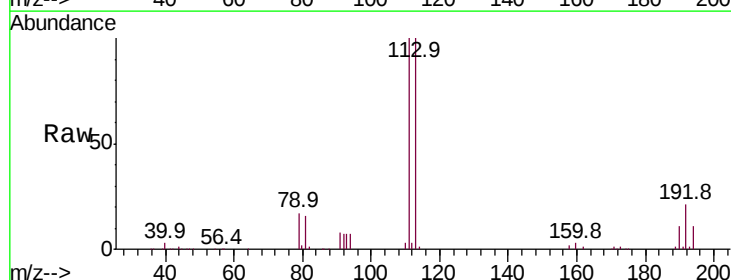
Tgt Ion:113 Resp: 91169

Ion Ratio Lower Upper

113 100

111 102.3 82.8 124.2

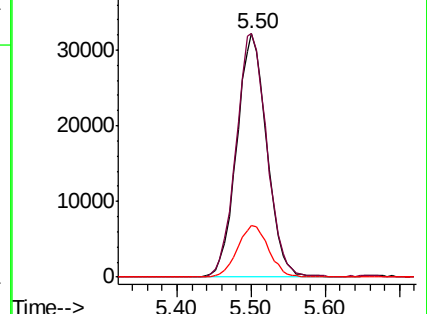
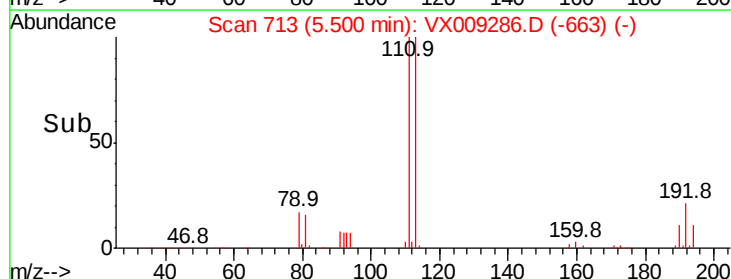
192 21.8 17.0 25.6

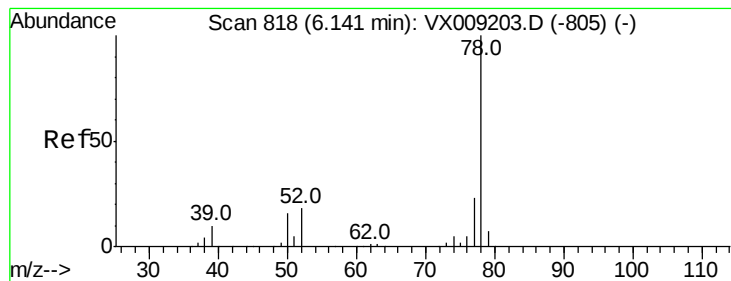


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.411 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX009286.D

Acq: 02 May 2019 20:22

Instrument :

MSVOA_X

ClientSampleId :

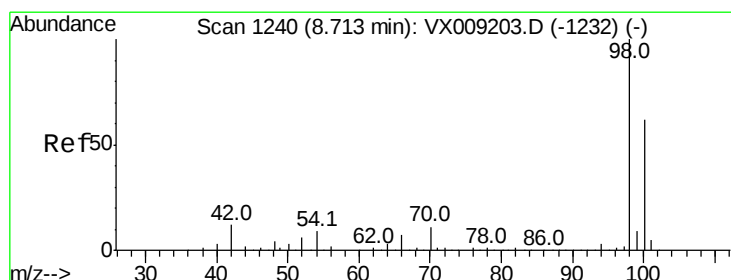
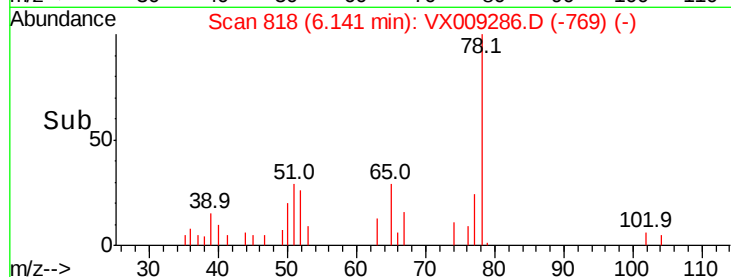
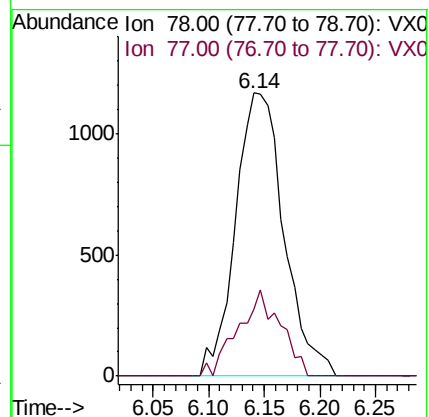
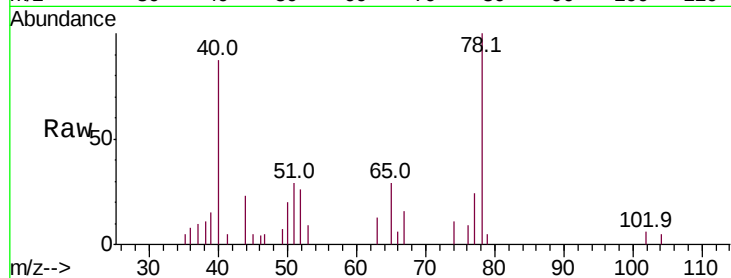
SS050MW638-190429

Tot Ion: 78 Resp: 3534

Ion Ratio Lower Upper

78 100

77 23.5 18.8 28.2



#50

Toluene-d8

Concen: 49.059 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009286.D

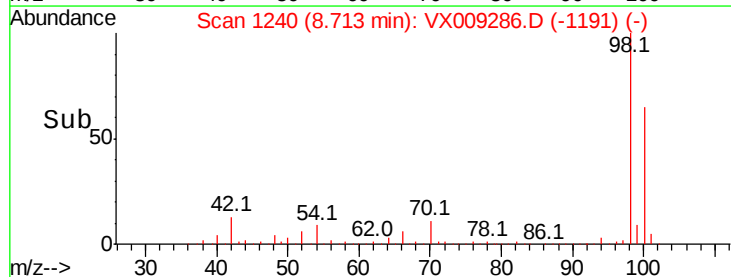
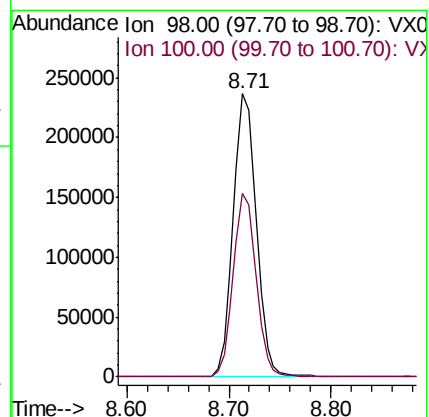
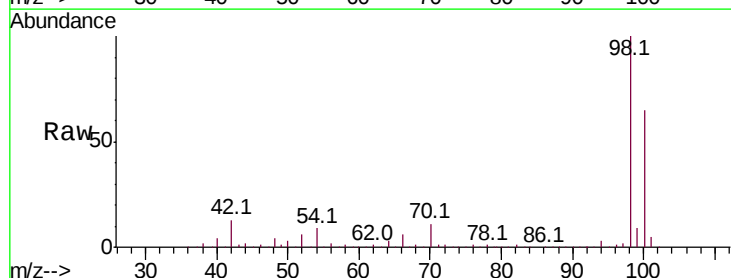
Acq: 02 May 2019 20:22

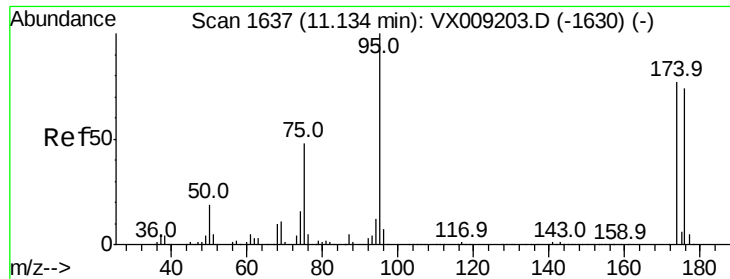
Tgt Ion: 98 Resp: 372363

Ion Ratio Lower Upper

98 100

100 64.2 51.2 76.8

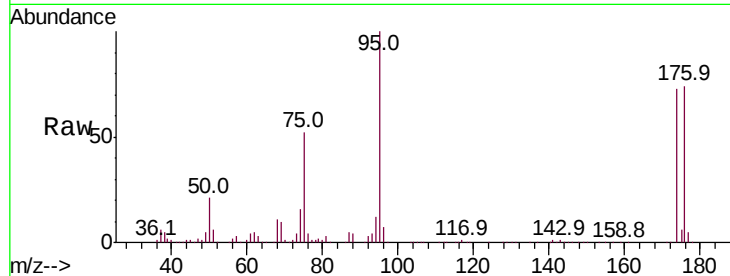




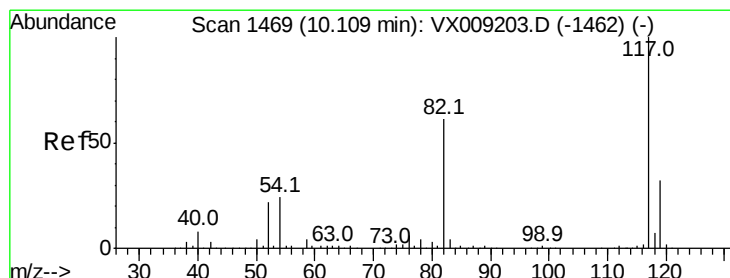
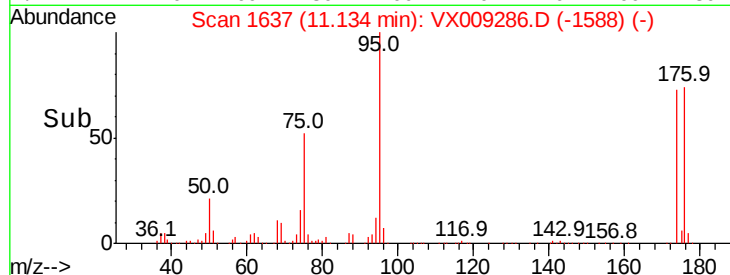
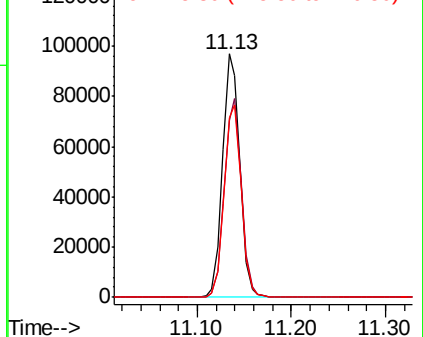
#62
4-Bromofluorobenzene
Concen: 44.437 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009286.D
Acq: 02 May 2019 20:22

Instrument :
MSVOA_X
ClientSampleId :
SS050MW638-190429

Tot Ion	Ratio	Lower	Upper
95	100		
174	80.7	0.0	161.6
176	79.2	0.0	159.2

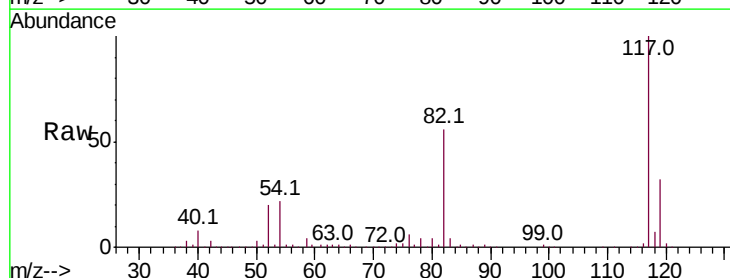


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

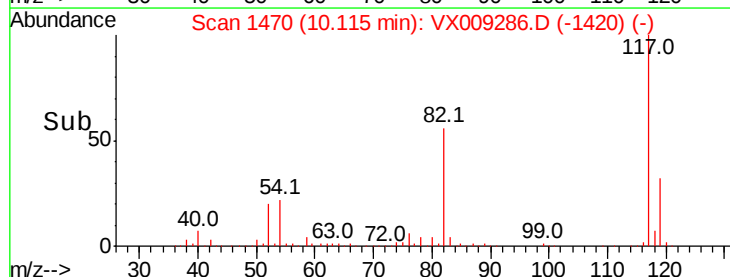
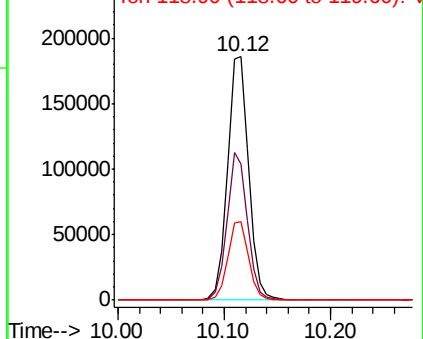


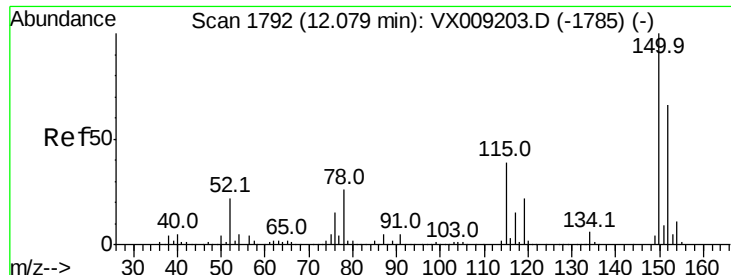
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009286.D
Acq: 02 May 2019 20:22

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.0	48.8	73.2
119	32.1	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

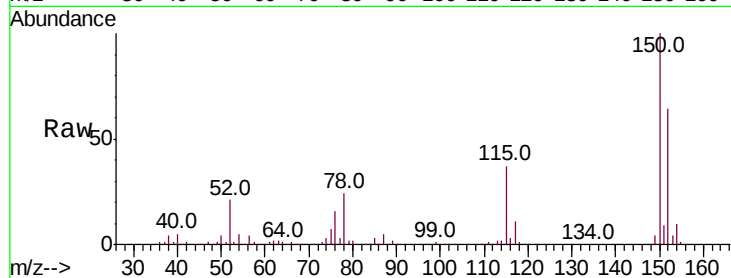




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX009286.D
 Acq: 02 May 2019 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW638-190429

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.2	41.2	123.6
150	158.4	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

