

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052819\
 Data File : VX009918.D
 Acq On : 28 May 2019 16:33
 Operator : JC/SP
 Sample : K3038-02DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012MW028-190522DL

Quant Time: May 29 04:47:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

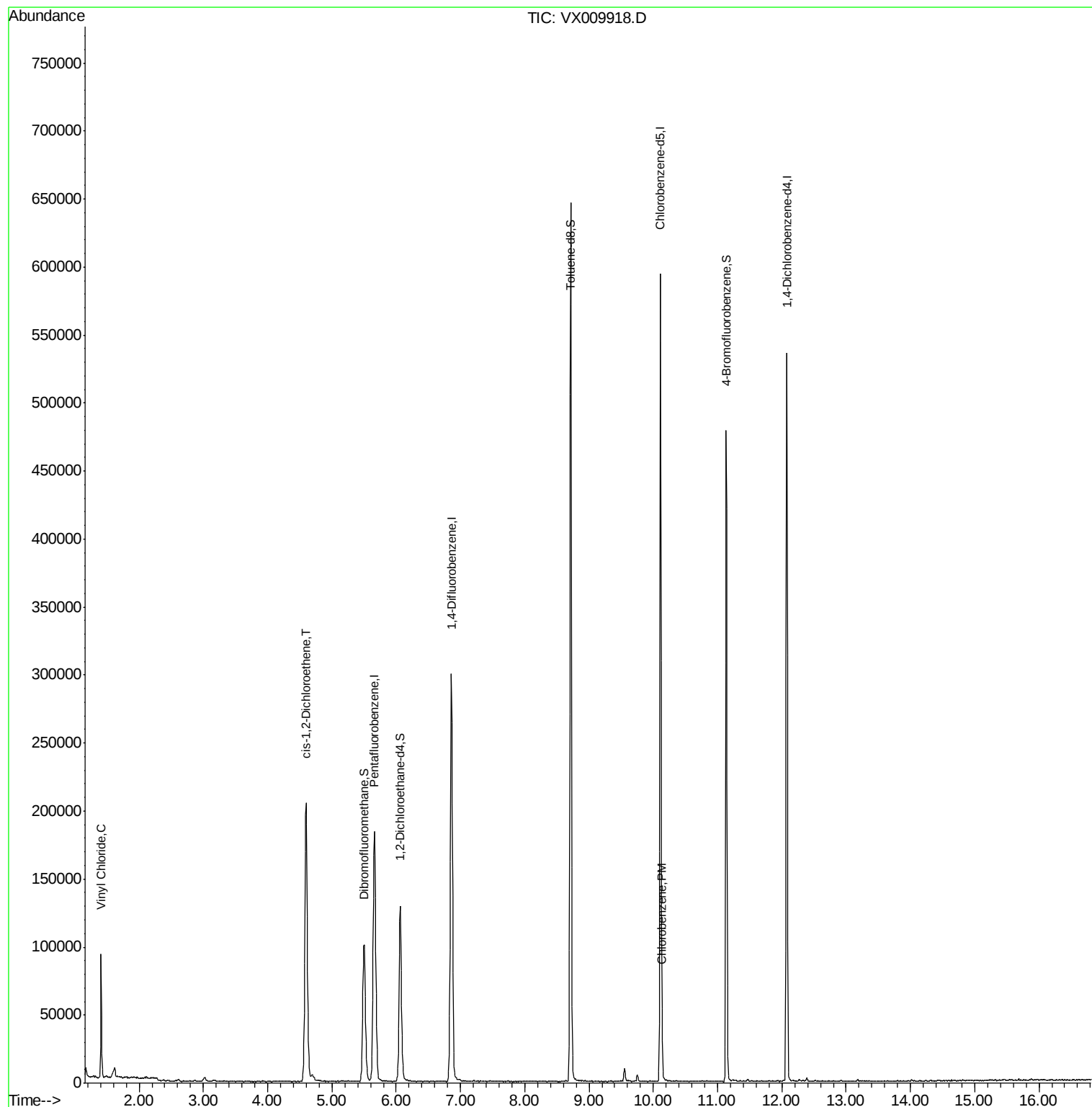
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	179476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	287853	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	259307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111672	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	121945	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.20%	
35) Dibromofluoromethane	5.49	113	88483	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
50) Toluene-d8	8.71	98	367778	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.08%	
62) 4-Bromofluorobenzene	11.13	95	123977	46.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.94%	
Target Compounds						
4) Vinyl Chloride	1.41	62	58565	22.034	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	125341	53.690	ug/l	88
65) Chlorobenzene	10.14	112	8806	1.622	ug/l	99

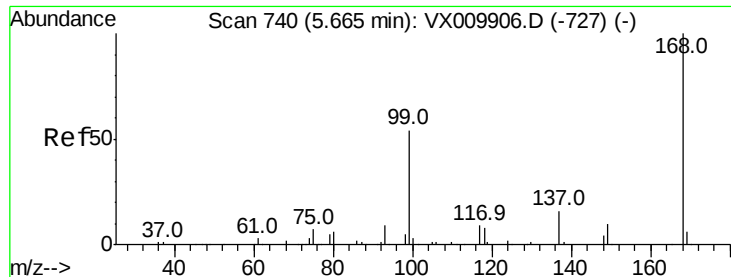
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 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: VX009918.D

Acq: 28 May 2019 16:33

Instrument :

MSVOA_X

ClientSampleId :

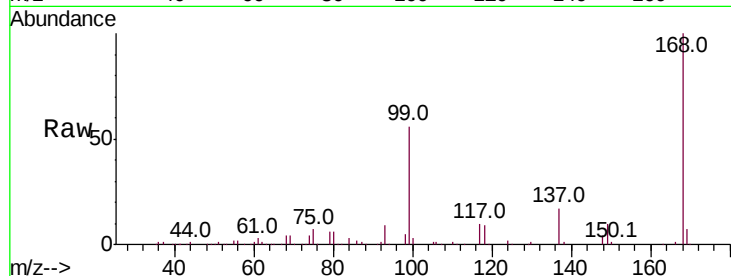
LF012MW028-190522DL

Tot Ion:168 Resp: 179476

Ion Ratio Lower Upper

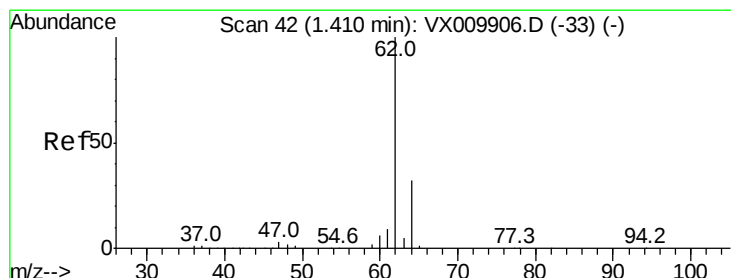
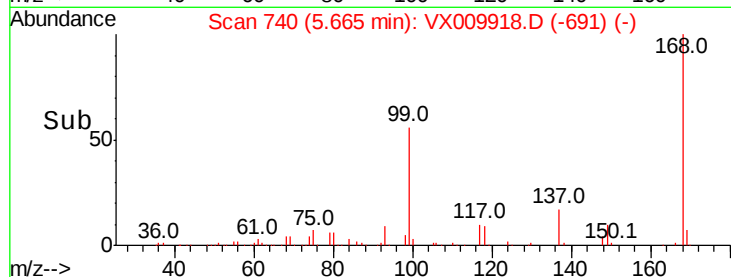
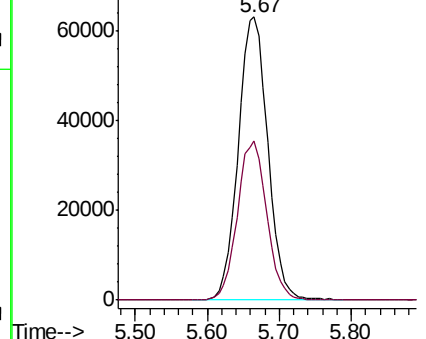
168 100

99 56.1 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 22.034 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009918.D

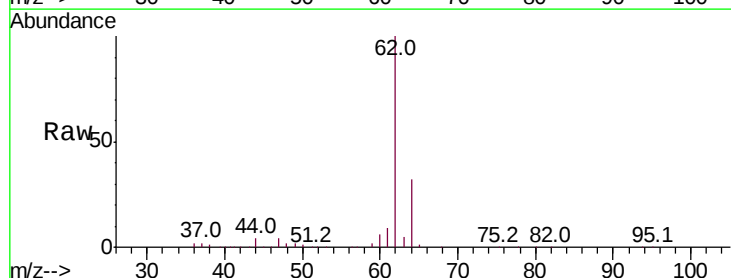
Acq: 28 May 2019 16:33

Tgt Ion: 62 Resp: 58565

Ion Ratio Lower Upper

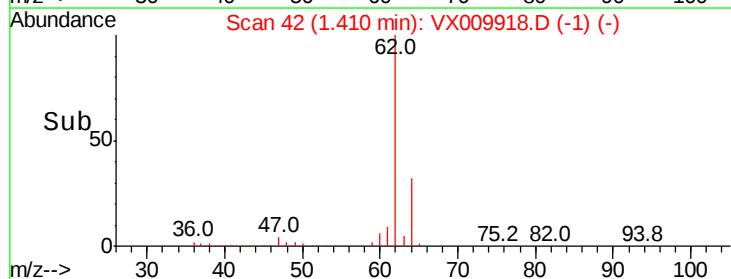
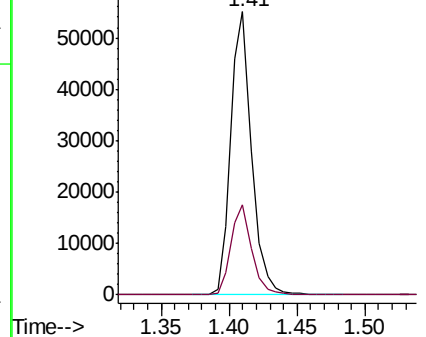
62 100

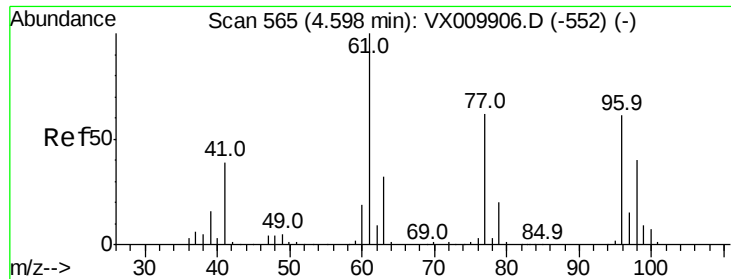
64 31.9 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



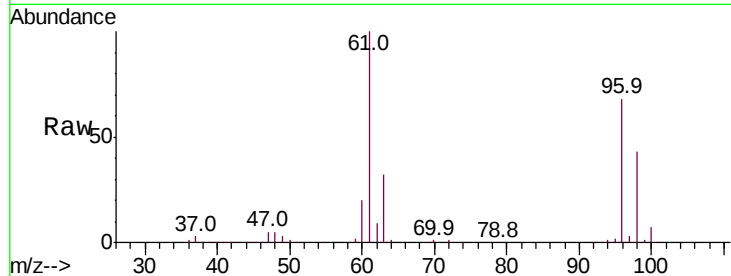


#27

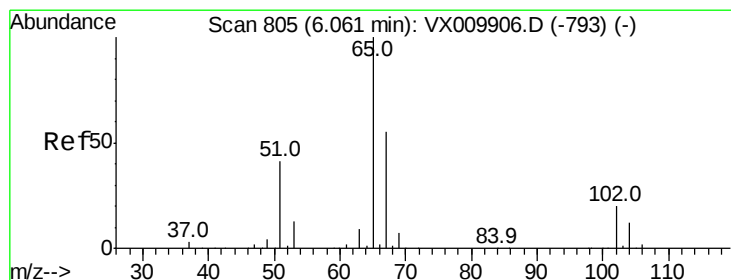
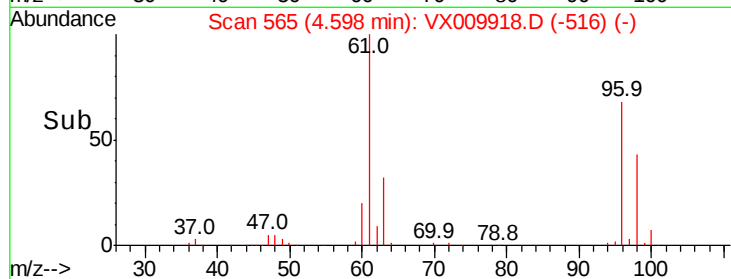
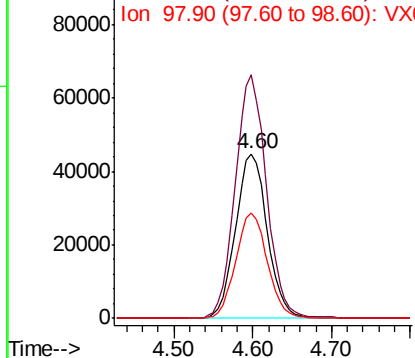
cis-1,2-Dichloroethene
Concen: 53.690 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX009918.D
Acq: 28 May 2019 16:33

Instrument :
MSVOA_X
ClientSampleId :
LF012MW028-190522DL

Tot Ion: 96 Resp: 125341
Ion Ratio Lower Upper
96 100
61 146.2 0.0 334.0
98 64.0 0.0 131.6



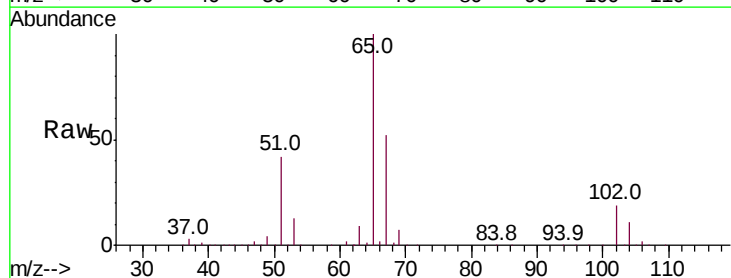
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



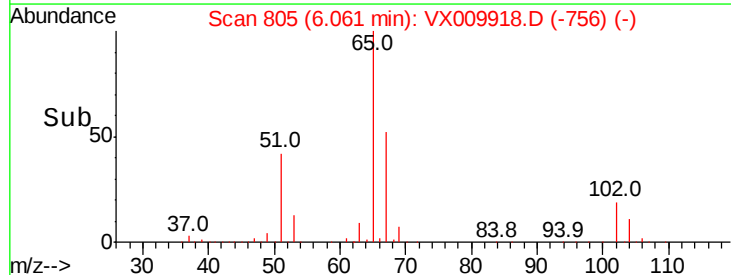
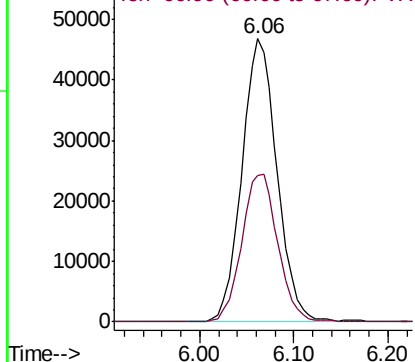
#33

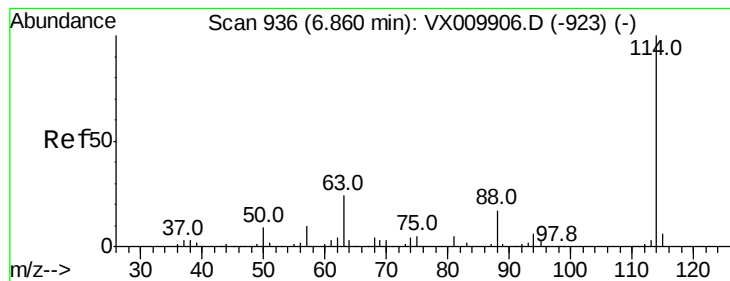
1,2-Dichloroethane-d4
Concen: 48.100 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009918.D
Acq: 28 May 2019 16:33

Tgt Ion: 65 Resp: 121945
Ion Ratio Lower Upper
65 100
67 53.8 0.0 108.4



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: VX009918.D

Acq: 28 May 2019 16:33

Instrument :

MSVOA_X

ClientSampleId :

LF012MW028-190522DL

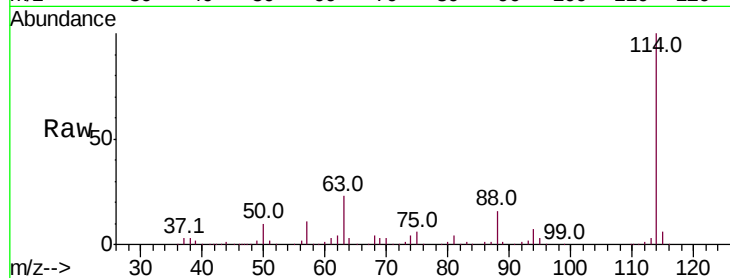
Tot Ion:114 Resp: 287853

Ion Ratio Lower Upper

114 100

63 22.8 0.0 47.4

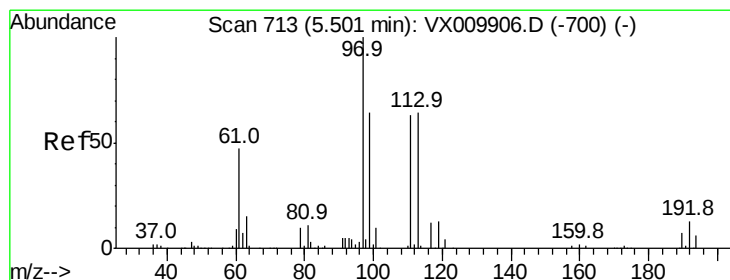
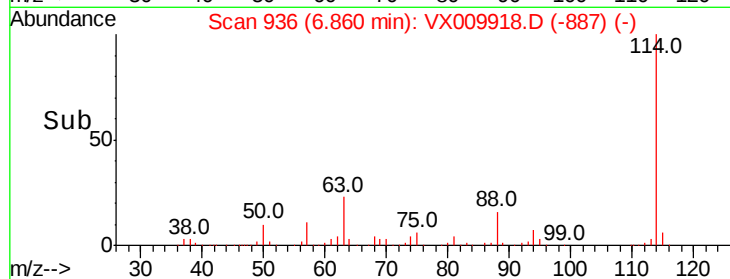
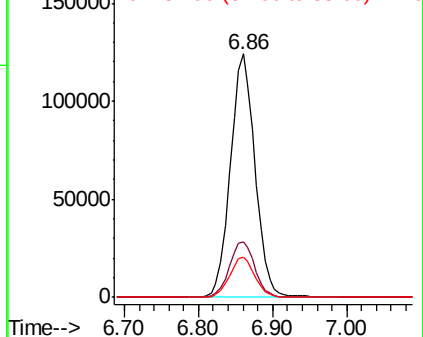
88 16.3 0.0 33.0



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: 48.893 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX009918.D

Acq: 28 May 2019 16:33

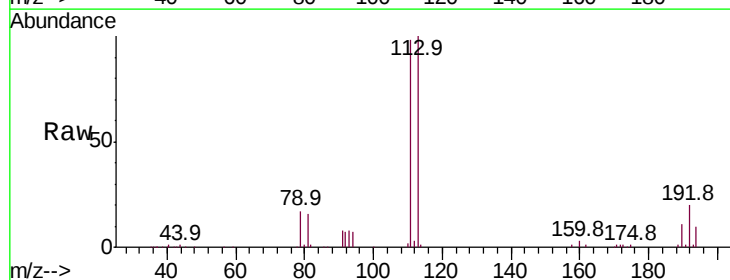
Tgt Ion:113 Resp: 88483

Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.2

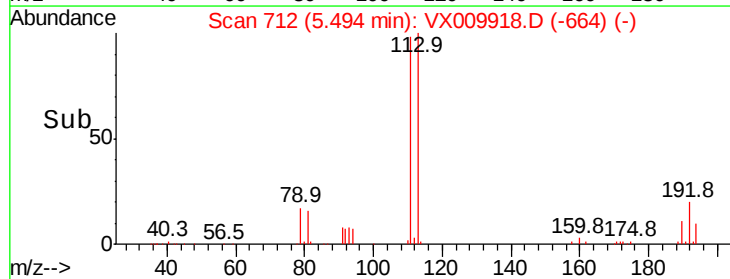
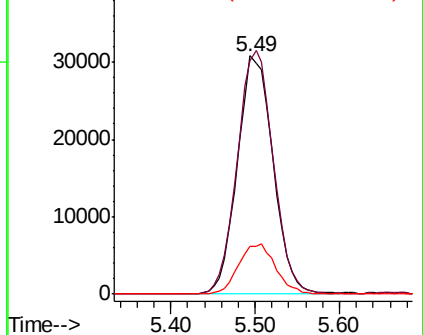
192 21.7 17.1 25.7

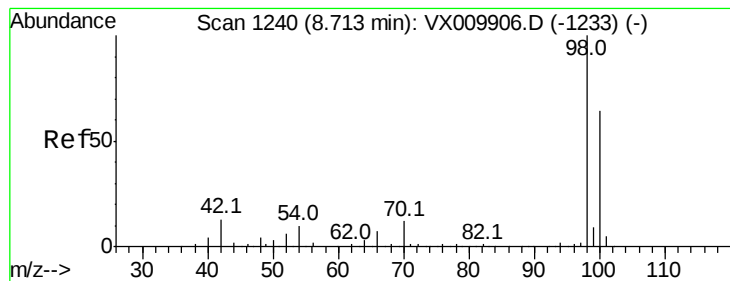


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.045 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009918.D

Acq: 28 May 2019 16:33

Instrument :

MSVOA_X

ClientSampleId :

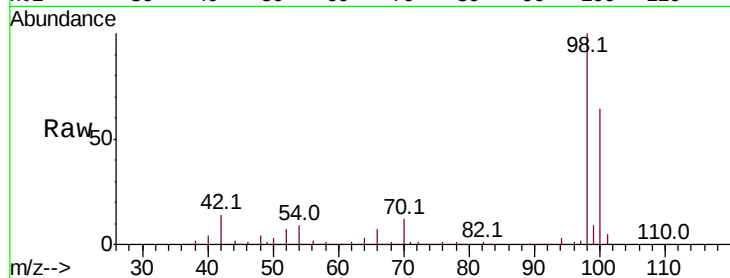
LF012MW028-190522DL

Tot Ion: 98 Resp: 367778

Ion Ratio Lower Upper

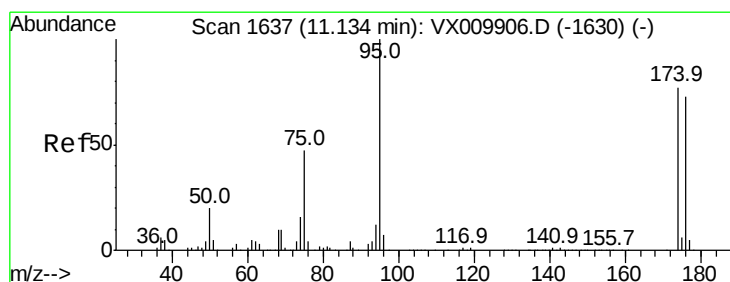
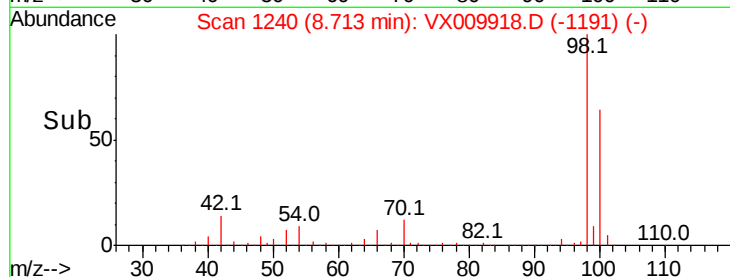
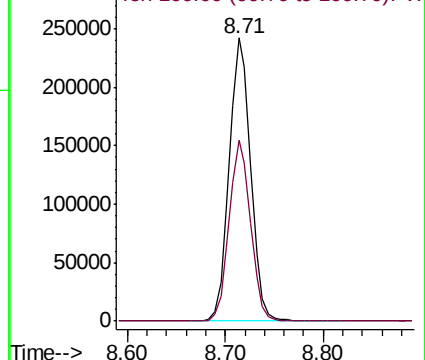
98 100

100 63.6 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 46.968 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009918.D

Acq: 28 May 2019 16:33

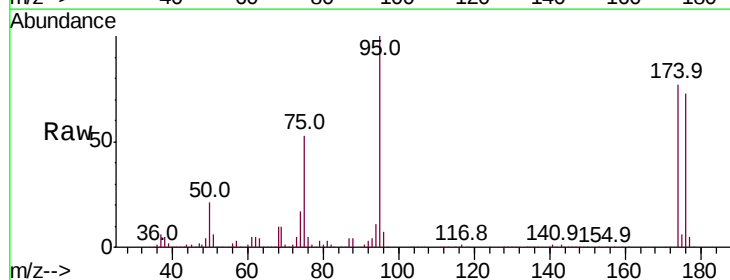
Tgt Ion: 95 Resp: 123977

Ion Ratio Lower Upper

95 100

174 80.3 0.0 160.4

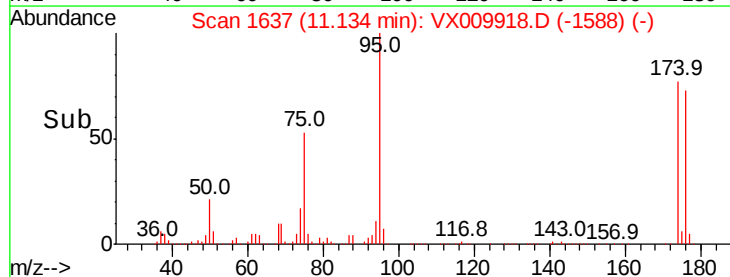
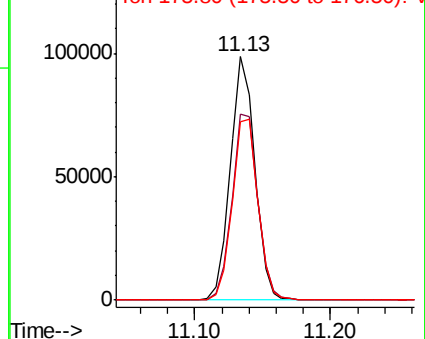
176 77.8 0.0 154.6

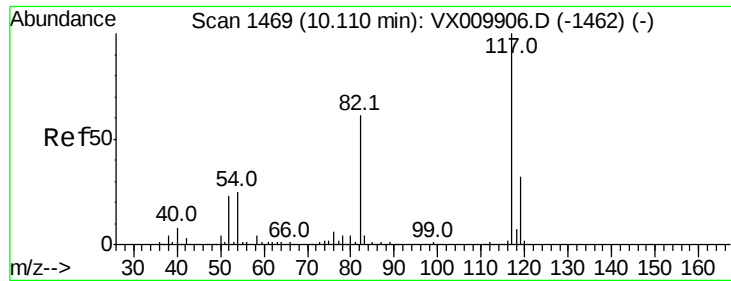


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

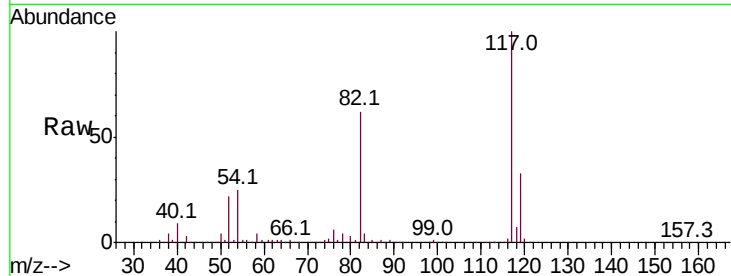




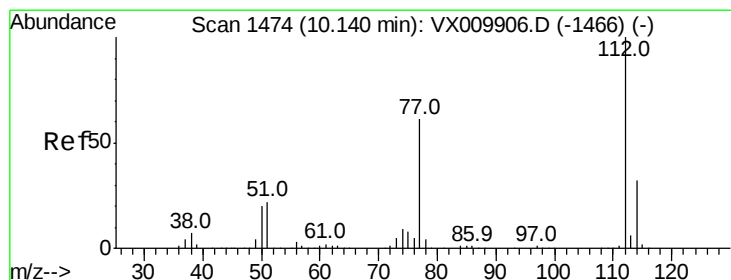
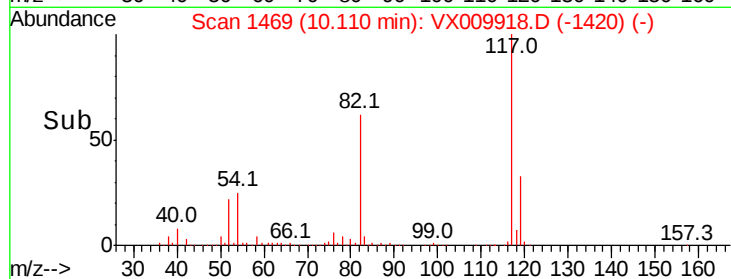
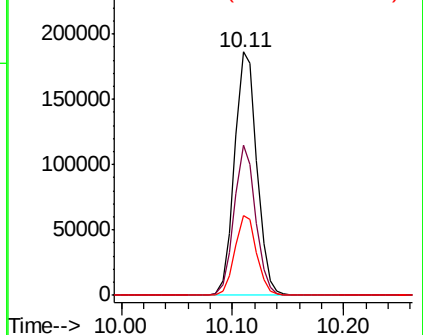
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009918.D
Acq: 28 May 2019 16:33

Instrument :
MSVOA_X
ClientSampleId :
LF012MW028-190522DL

Tot Ion:117 Resp: 259307
Ion Ratio Lower Upper
117 100
82 61.8 49.2 73.8
119 32.5 25.2 37.8

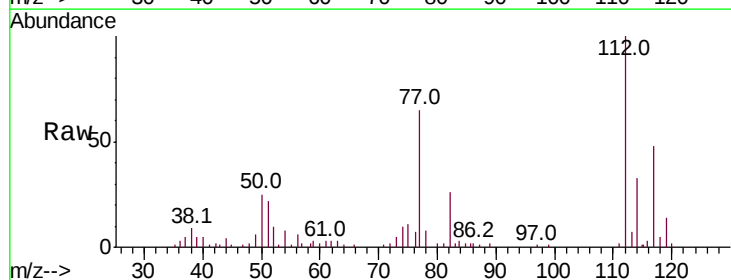


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

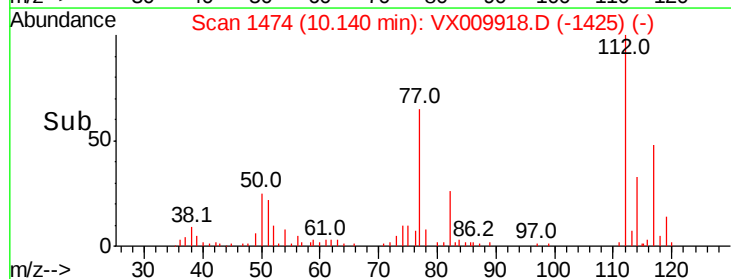
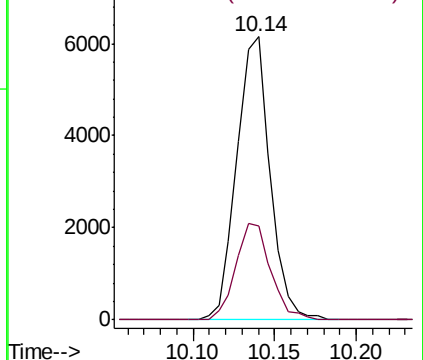


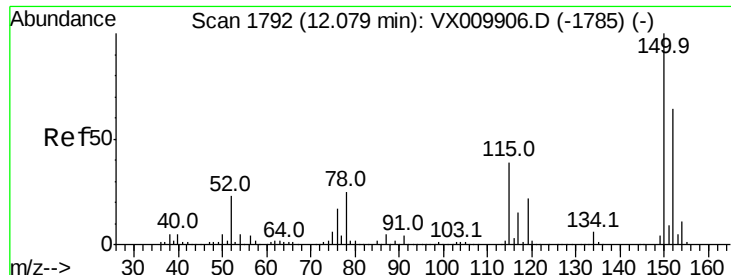
#65
Chlorobenzene
Concen: 1.622 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX009918.D
Acq: 28 May 2019 16:33

Tgt Ion:112 Resp: 8806
Ion Ratio Lower Upper
112 100
114 33.1 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

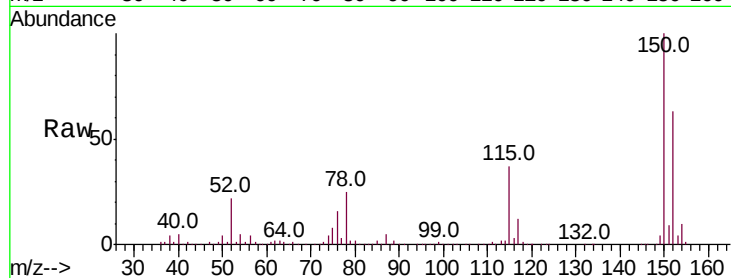




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX009918.D
 Acq: 28 May 2019 16:33

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012MW028-190522DL

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.6	41.4	124.2
150	156.4	0.0	345.2



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

