

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX053119\
 Data File : VX010019.D
 Acq On : 01 Jun 2019 05:39
 Operator : JC/SP
 Sample : K3129-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012RW164-190529

Quant Time: Jun 01 07:04:37 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

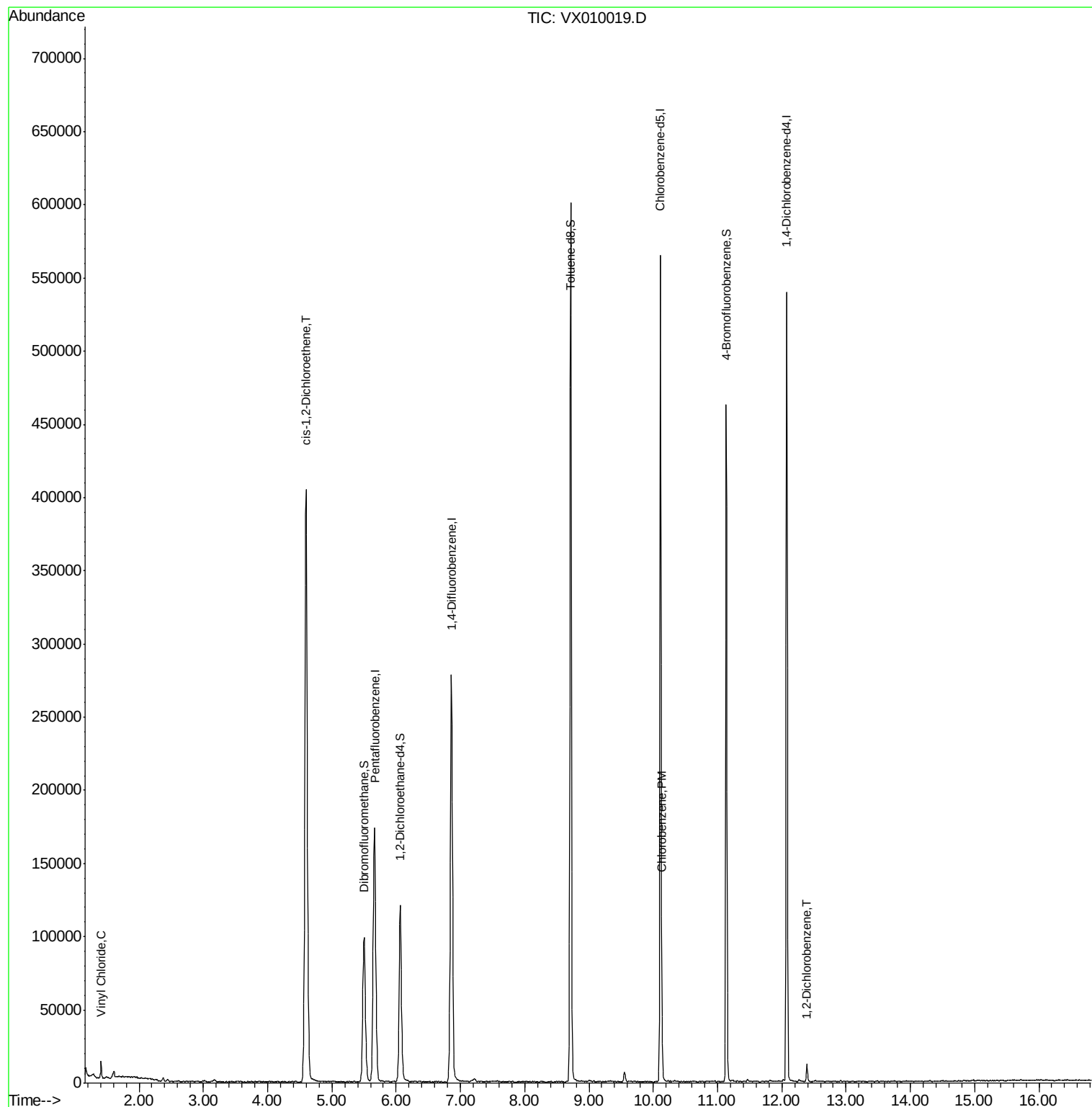
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	170949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	269277	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	246084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	109349	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	113490	47.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.00%	
35) Dibromofluoromethane	5.50	113	84395	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
50) Toluene-d8	8.71	98	342672	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
62) 4-Bromofluorobenzene	11.13	95	117219	47.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.94%	
Target Compounds						
4) Vinyl Chloride	1.41	62	8060	3.184	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	249763	112.324	ug/l	87
65) Chlorobenzene	10.13	112	7989	1.551	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	3456	0.958	ug/l	99

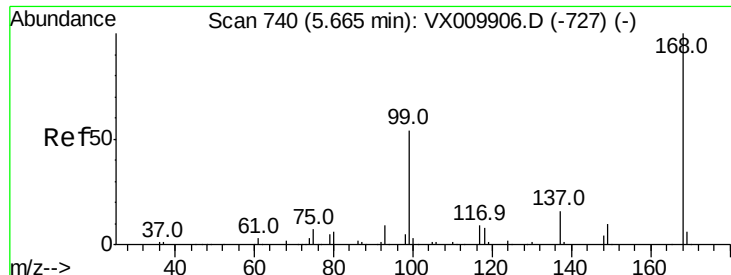
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010019.D

Acq: 01 Jun 2019 05:39

Instrument :

MSVOA_X

ClientSampleId :

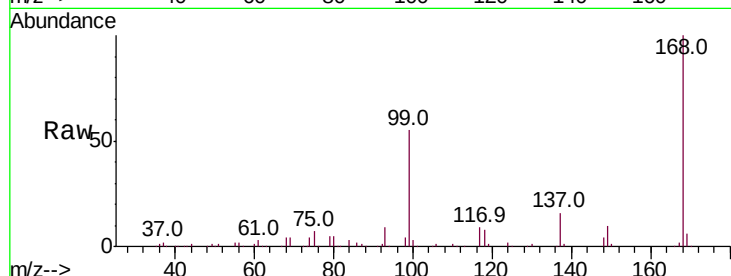
LF012RW164-190529

Tot Ion:168 Resp: 170949

Ion Ratio Lower Upper

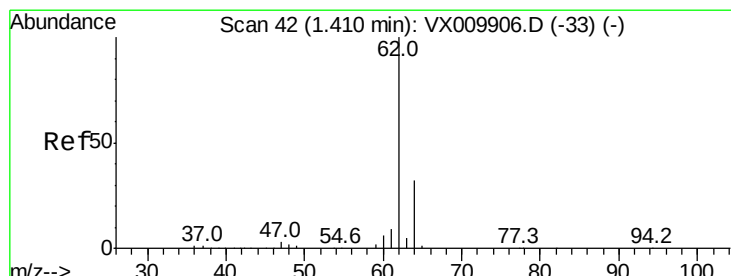
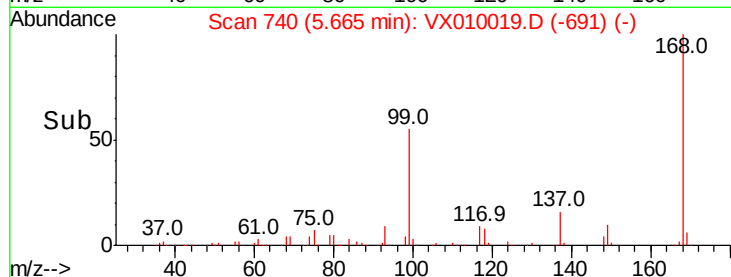
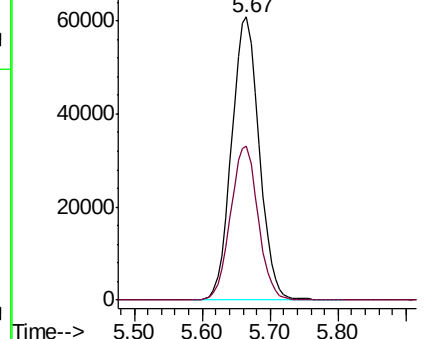
168 100

99 54.5 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: 3.184 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010019.D

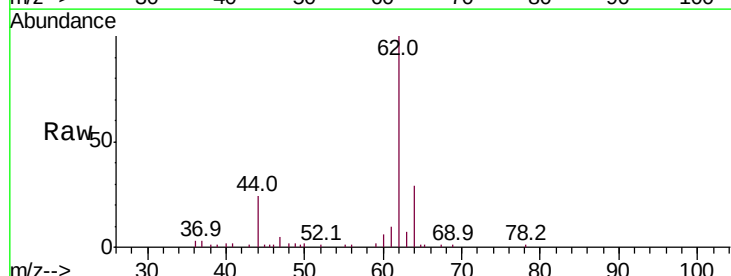
Acq: 01 Jun 2019 05:39

Tgt Ion: 62 Resp: 8060

Ion Ratio Lower Upper

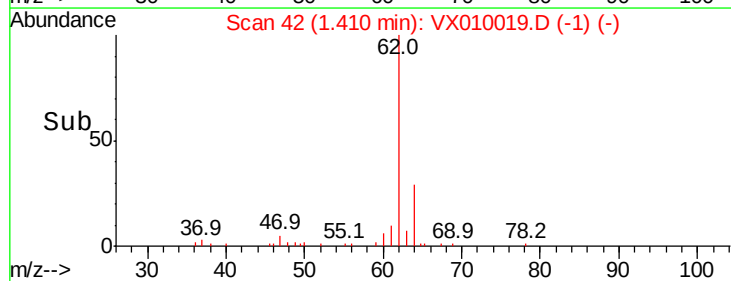
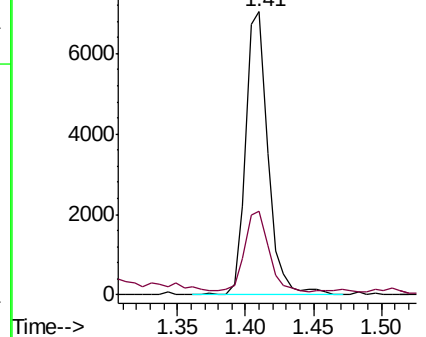
62 100

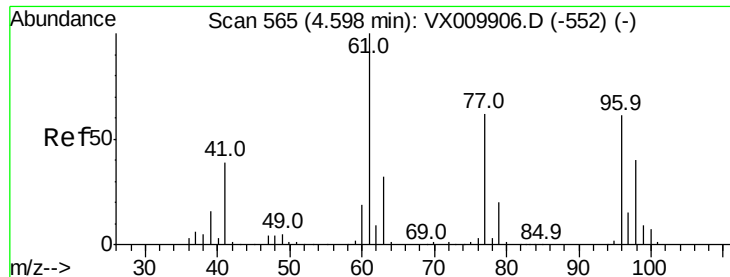
64 27.1 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



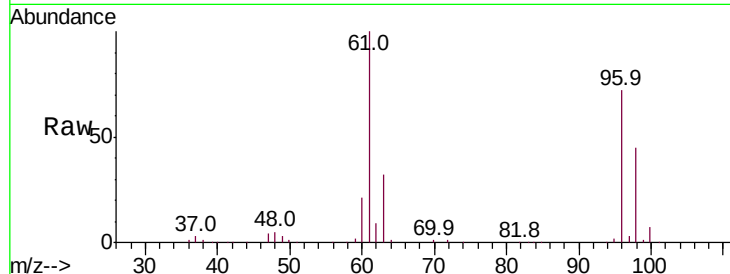


#27

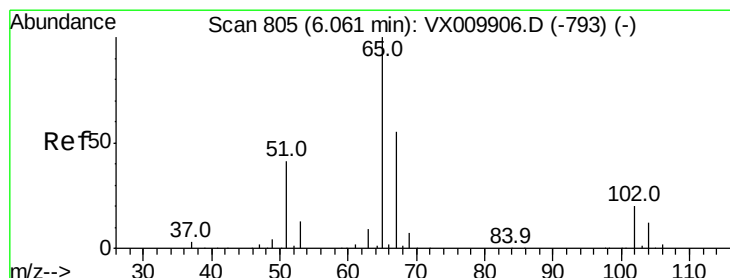
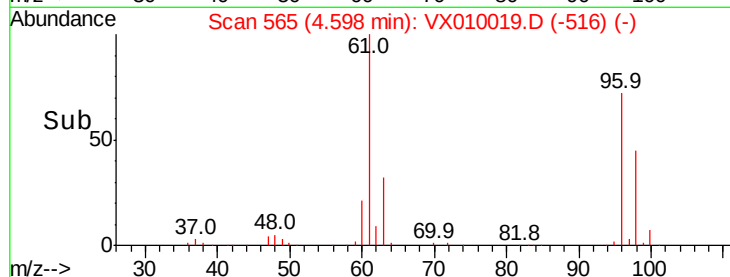
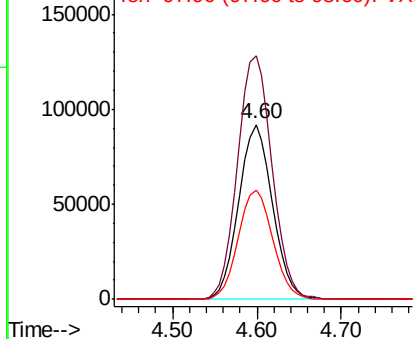
cis-1,2-Dichloroethene
Concen: 112.324 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010019.D
Acq: 01 Jun 2019 05:39

Instrument :
MSVOA_X
ClientSampleId :
LF012RW164-190529

Tot Ion: 96 Resp: 249763
Ion Ratio Lower Upper
96 100
61 142.8 0.0 334.0
98 64.0 0.0 131.6



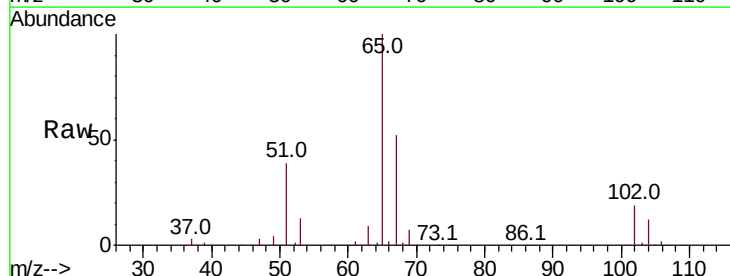
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



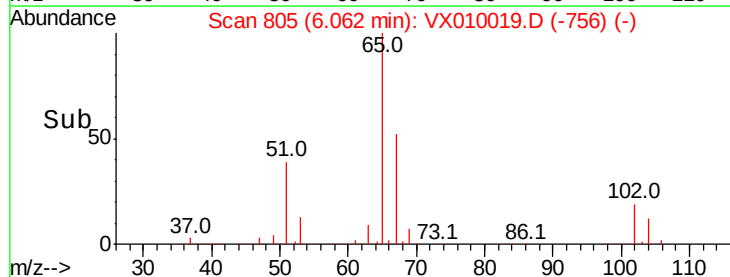
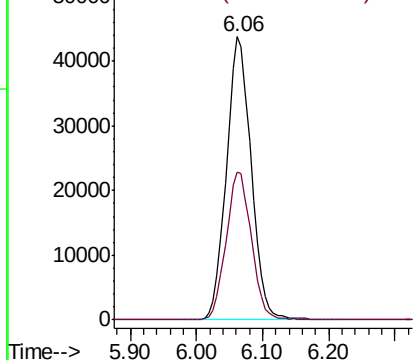
#33

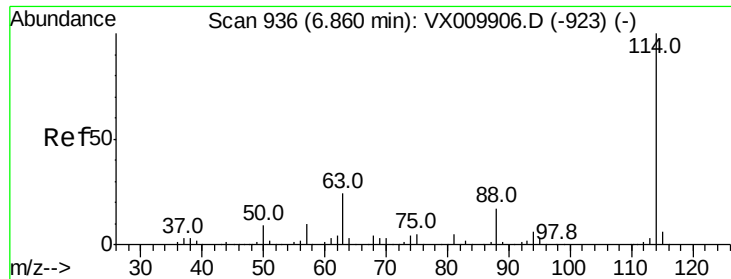
1,2-Dichloroethane-d4
Concen: 46.998 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010019.D
Acq: 01 Jun 2019 05:39

Tgt Ion: 65 Resp: 113490
Ion Ratio Lower Upper
65 100
67 53.3 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

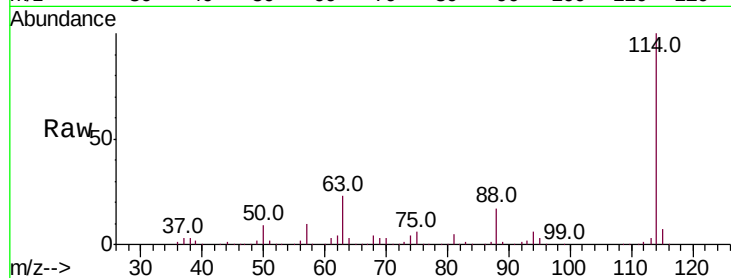




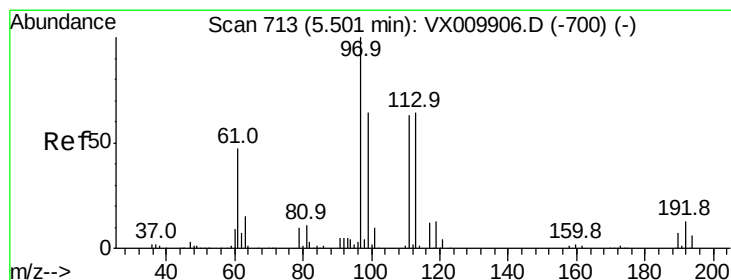
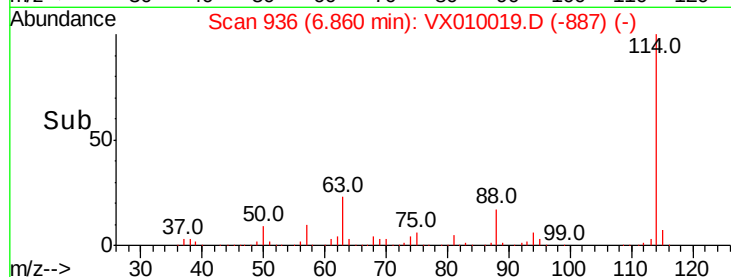
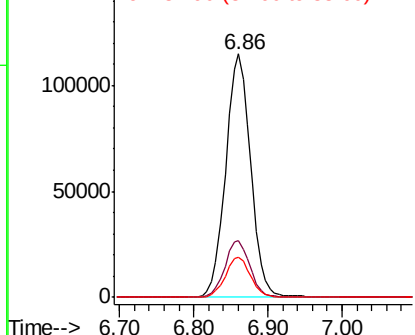
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010019.D
 Acq: 01 Jun 2019 05:39

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012RW164-190529

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	47.4
88	16.6	0.0	33.0

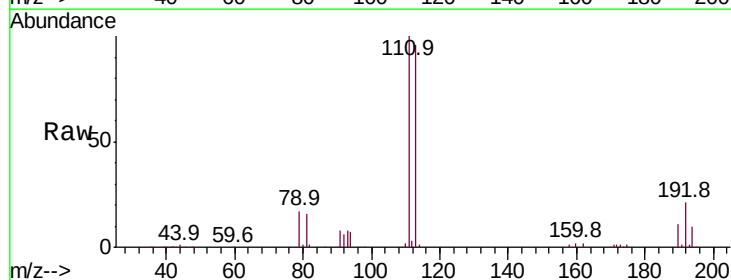


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

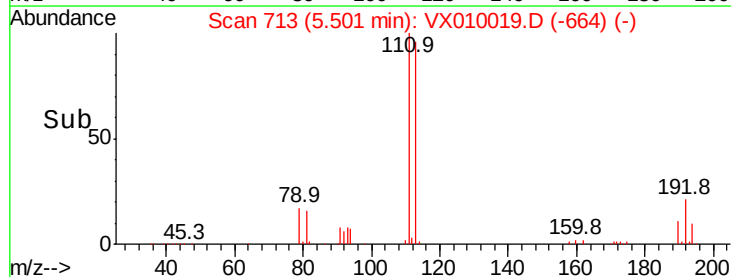
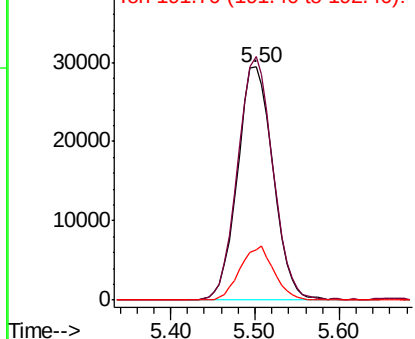


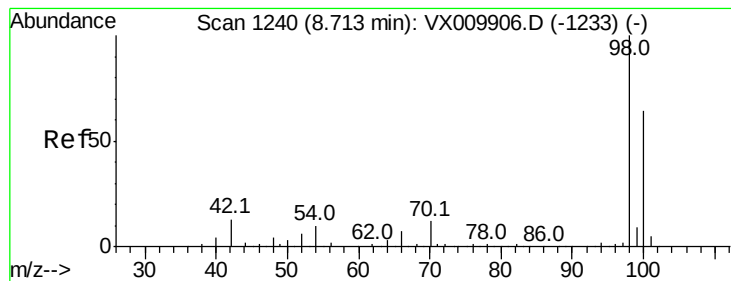
#35
 Dibromofluoromethane
 Concen: 49.851 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010019.D
 Acq: 01 Jun 2019 05:39

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.2	123.2
192	22.0	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: 49.845 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010019.D

Acq: 01 Jun 2019 05:39

Instrument :

MSVOA_X

ClientSampleId :

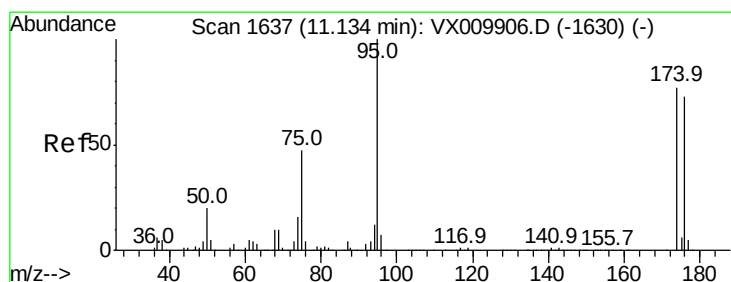
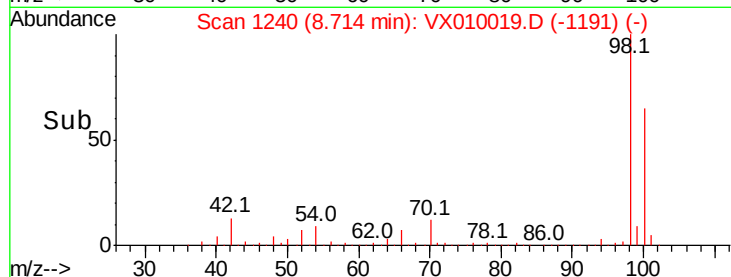
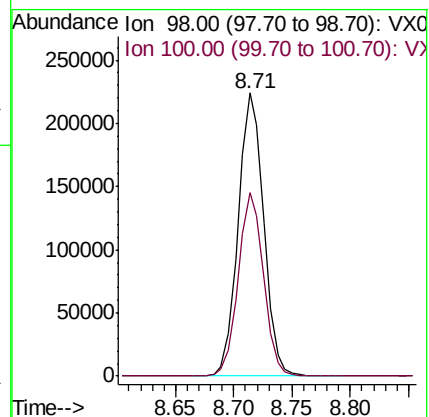
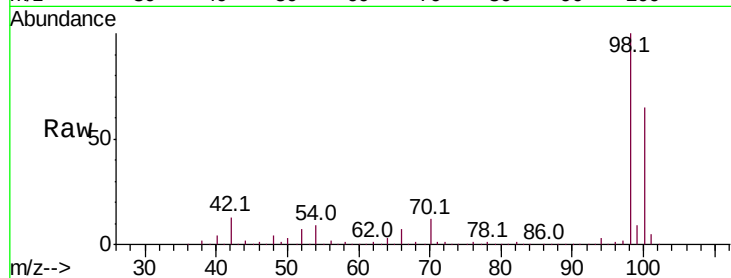
LF012RW164-190529

Tot Ion: 98 Resp: 342672

Ion Ratio Lower Upper

98 100

100 64.1 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 47.471 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010019.D

Acq: 01 Jun 2019 05:39

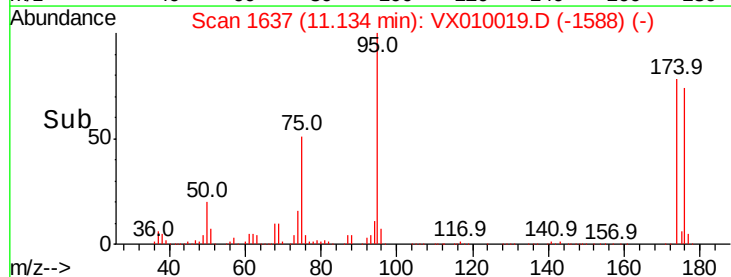
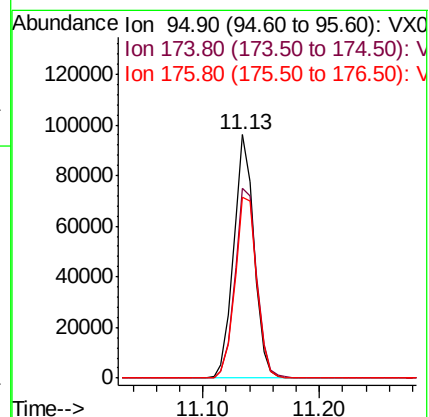
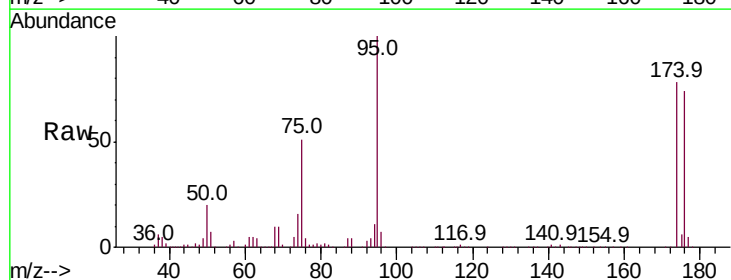
Tgt Ion: 95 Resp: 117219

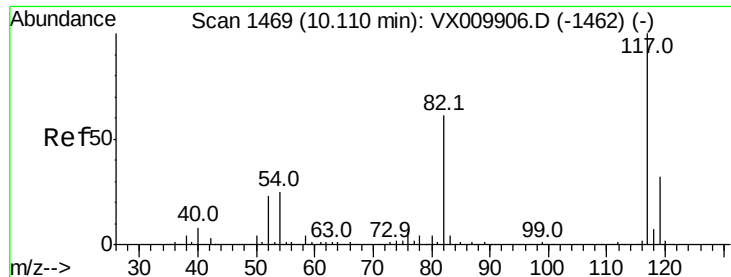
Ion Ratio Lower Upper

95 100

174 83.3 0.0 160.4

176 79.8 0.0 154.6

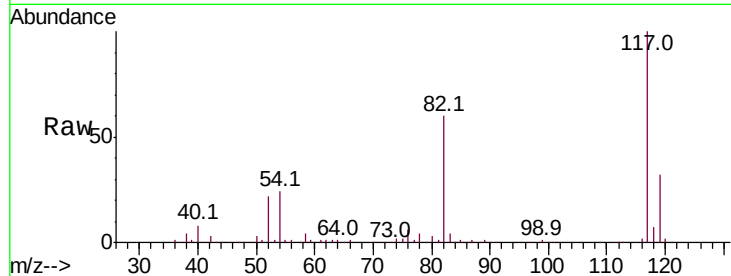




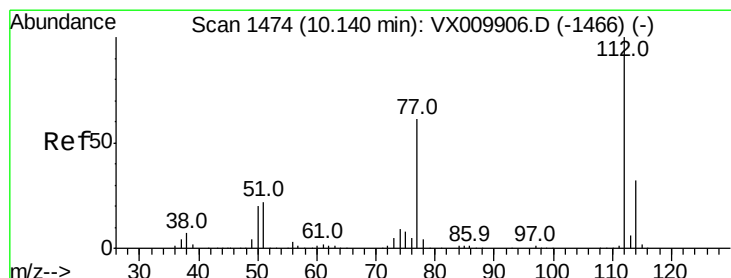
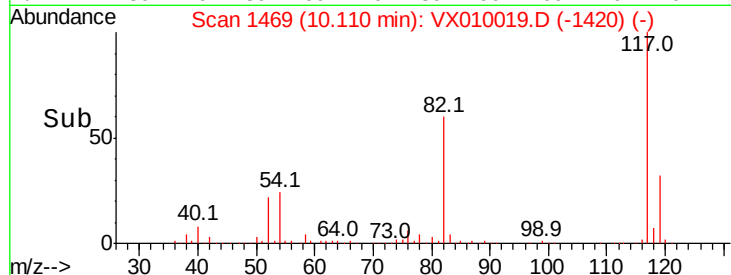
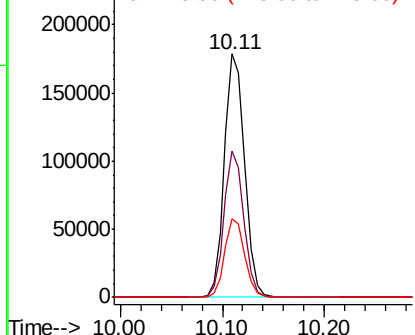
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010019.D
Acq: 01 Jun 2019 05:39

Instrument :
MSVOA_X
ClientSampleId :
LF012RW164-190529

Tot Ion:117 Resp: 246084
Ion Ratio Lower Upper
117 100
82 60.1 49.2 73.8
119 32.3 25.2 37.8

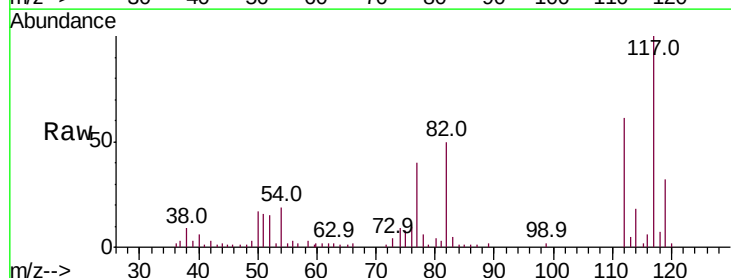


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

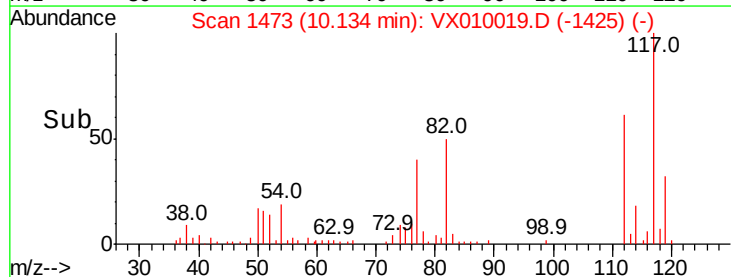
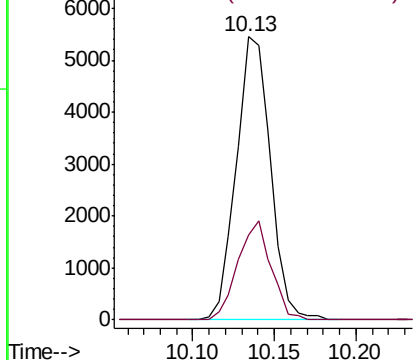


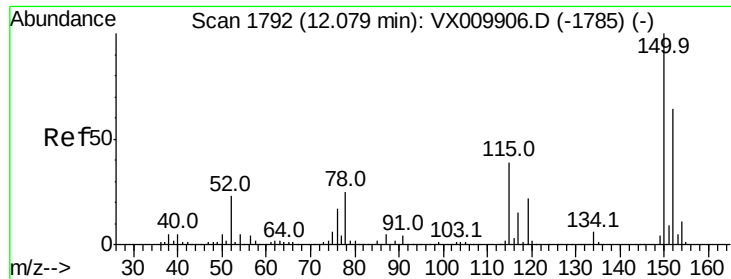
#65
Chlorobenzene
Concen: 1.551 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX010019.D
Acq: 01 Jun 2019 05:39

Tgt Ion:112 Resp: 7989
Ion Ratio Lower Upper
112 100
114 30.1 25.8 38.8



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

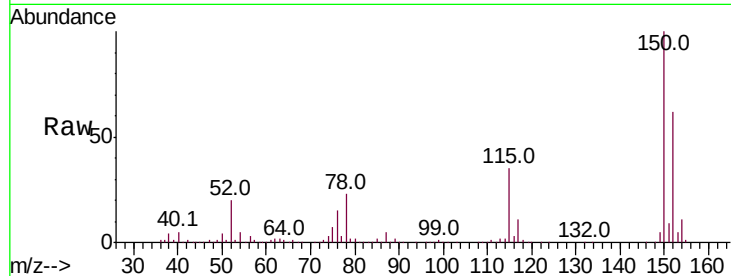




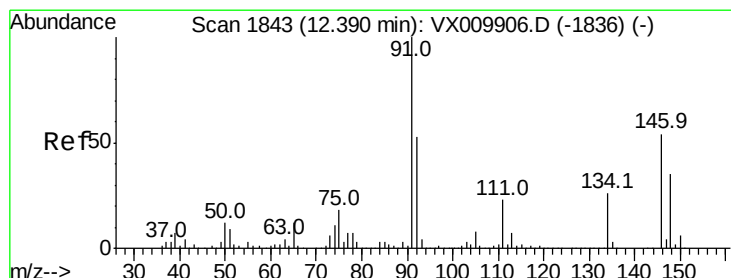
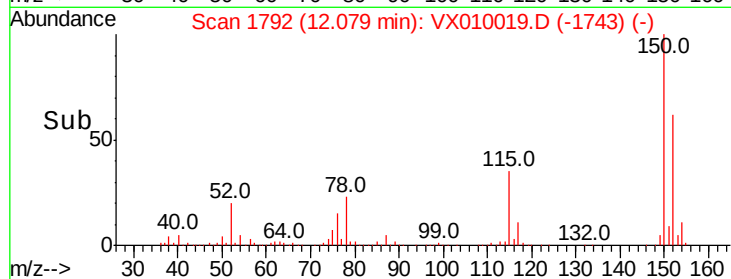
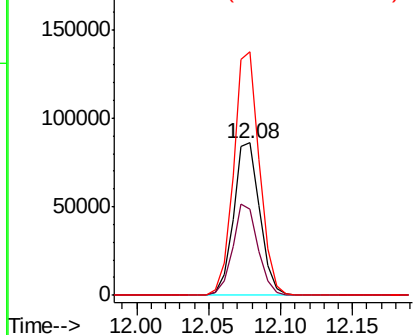
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX010019.D
 Acq: 01 Jun 2019 05:39

Instrument :
 MSVOA_X
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 LF012RW164-190529

Tot Ion:152 Resp: 109349
 Ion Ratio Lower Upper
 152 100
 115 57.9 41.4 124.2
 150 157.3 0.0 345.2

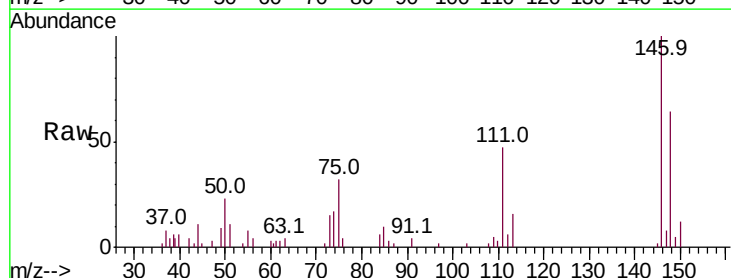


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V



#91
 1,2-Dichlorobenzene
 Concen: 0.958 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010019.D
 Acq: 01 Jun 2019 05:39

Tgt Ion:146 Resp: 3456
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.1 63.1
 148 62.6 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

