

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052319\
 Data File : VX009872.D
 Acq On : 23 May 2019 20:35
 Operator : JC/SP
 Sample : K3000-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0156

Quant Time: May 24 05:21:32 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

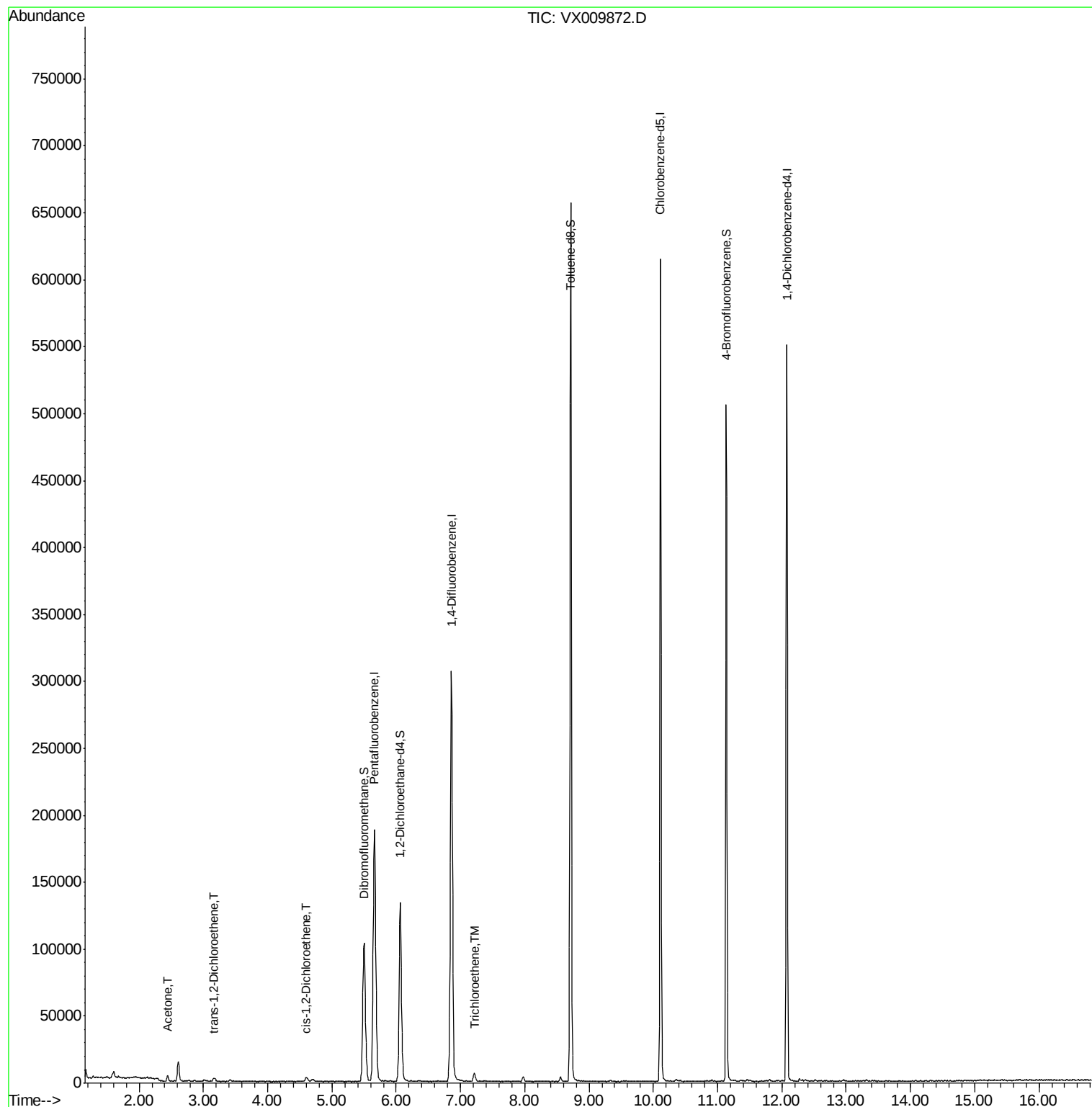
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	181448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	293087	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	261863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	113783	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	125195	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.08%	
35) Dibromofluoromethane	5.50	113	89608	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
50) Toluene-d8	8.71	98	371679	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
62) 4-Bromofluorobenzene	11.13	95	126249	46.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.42%	
Target Compounds						
16) Acetone	2.44	43	4832	3.633	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	1073	0.581	ug/l #	90
27) cis-1,2-Dichloroethene	4.60	96	1574	0.714	ug/l	94
44) Trichloroethene	7.21	130	2297	1.127	ug/l	92

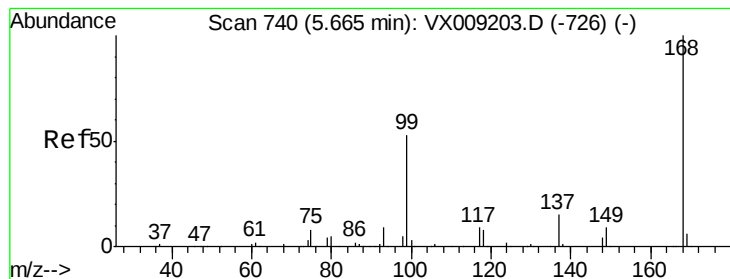
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009872.D

Acq: 23 May 2019 20:35

Instrument :

MSVOA_X

ClientSampled :

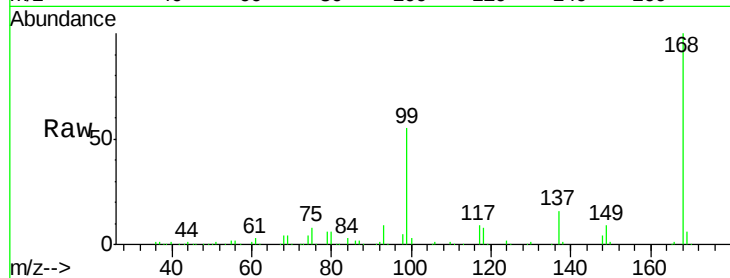
S36-0156

Tot Ion:168 Resp: 181448

Ion Ratio Lower Upper

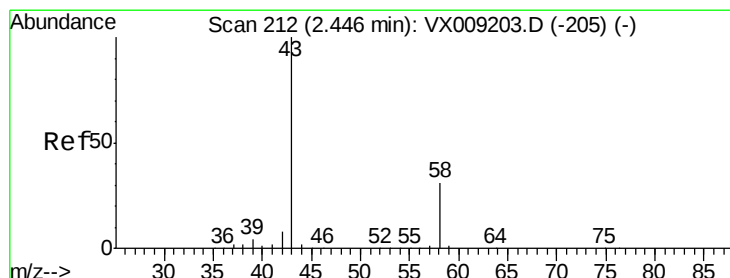
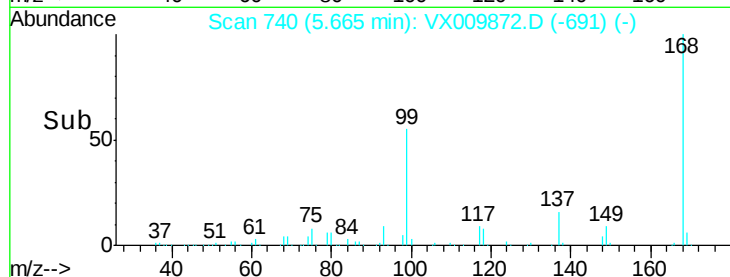
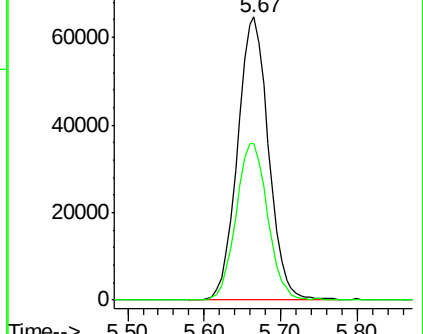
168 100

99 55.2 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: 3.633 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009872.D

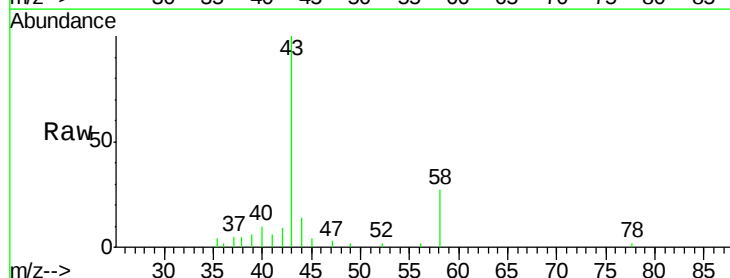
Acq: 23 May 2019 20:35

Tgt Ion: 43 Resp: 4832

Ion Ratio Lower Upper

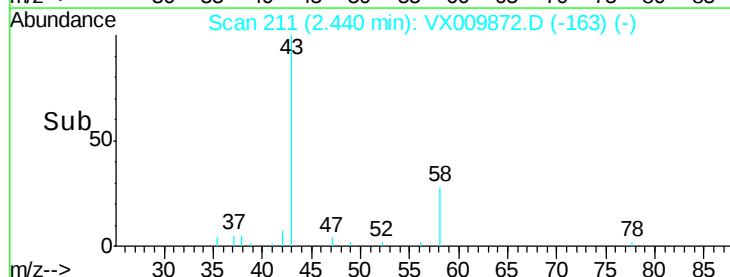
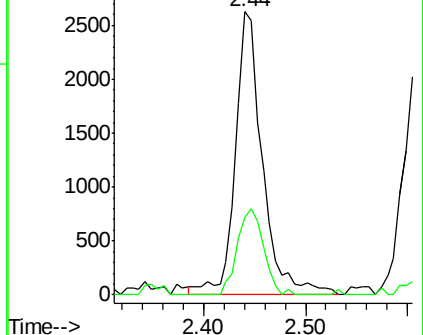
43 100

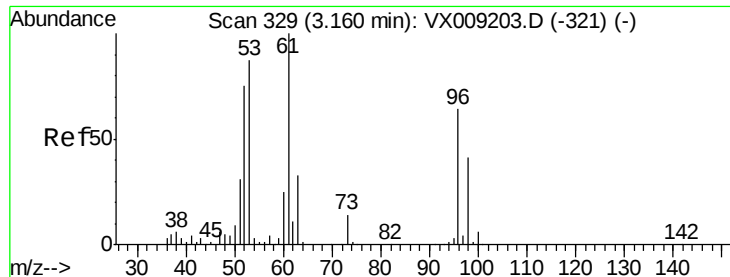
58 27.5 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#21

trans-1,2-Dichloroethene

Concen: 0.581 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX009872.D

Acq: 23 May 2019 20:35

Instrument :

MSVOA_X

ClientSampled :

S36-0156

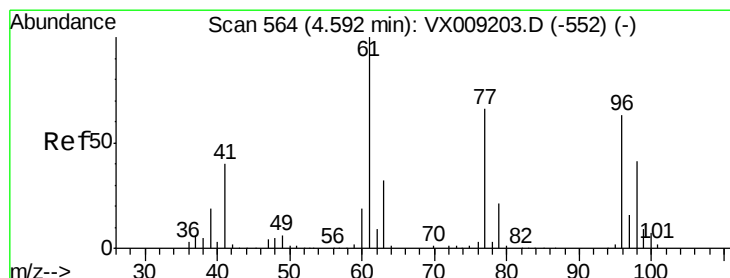
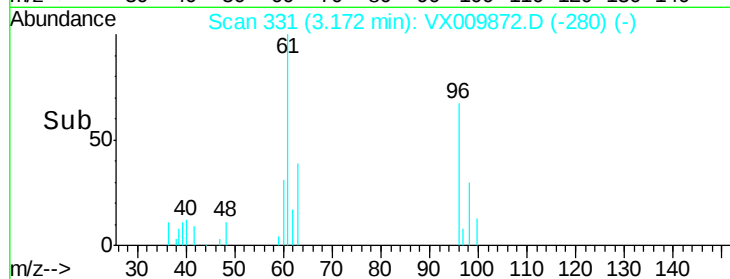
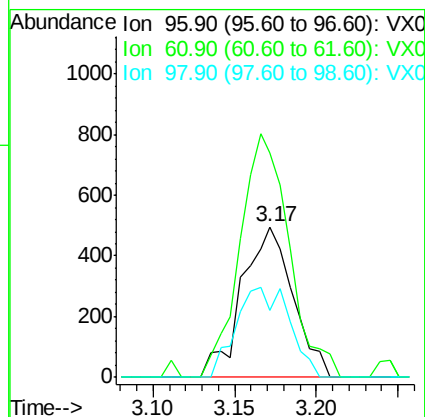
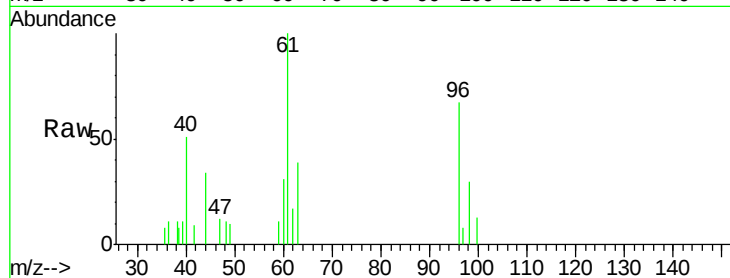
Tot Ion: 96 Resp: 1073

Ion Ratio Lower Upper

96 100

61 149.2 124.5 186.7

98 44.8 50.4 75.6#



#27

cis-1,2-Dichloroethene

Concen: 0.714 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX009872.D

Acq: 23 May 2019 20:35

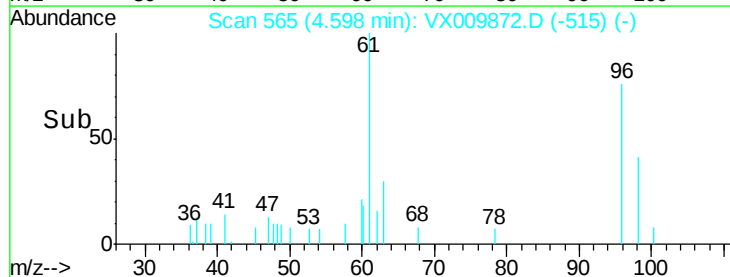
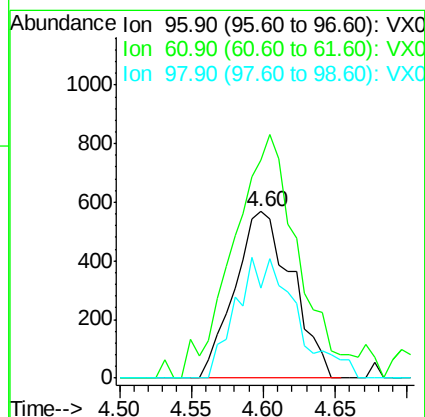
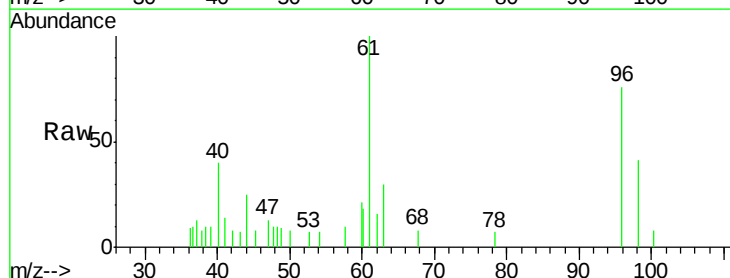
Tgt Ion: 96 Resp: 1574

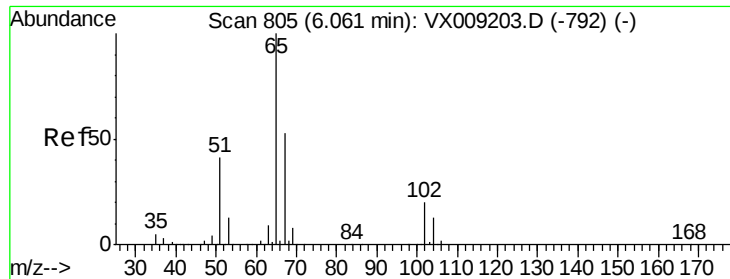
Ion Ratio Lower Upper

96 100

61 165.6 0.0 324.0

98 75.7 0.0 130.4





#33

1,2-Dichloroethane-d4

Concen: 50.543 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009872.D

Acq: 23 May 2019 20:35

Instrument :

MSVOA_X

ClientSampled :

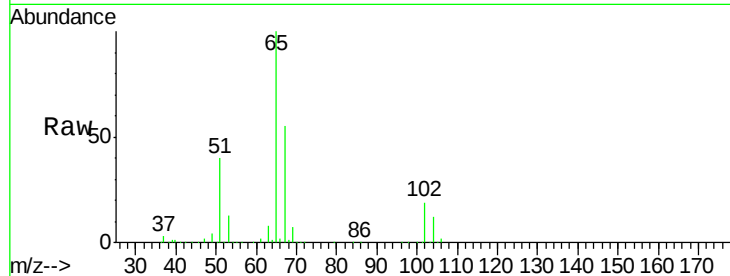
S36-0156

Tot Ion: 65 Resp: 125195

Ion Ratio Lower Upper

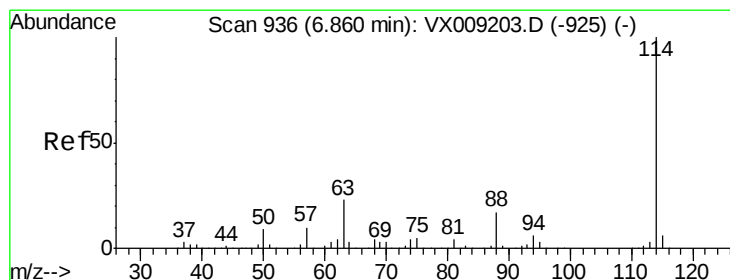
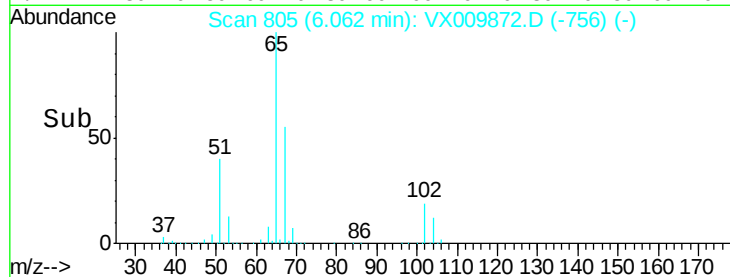
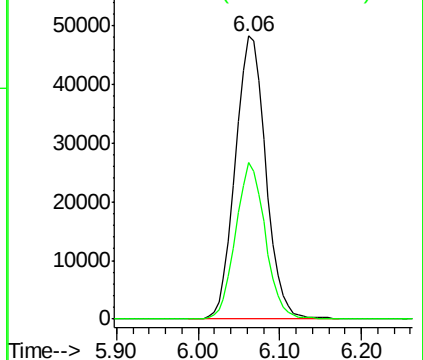
65 100

67 53.7 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: VX009872.D

Acq: 23 May 2019 20:35

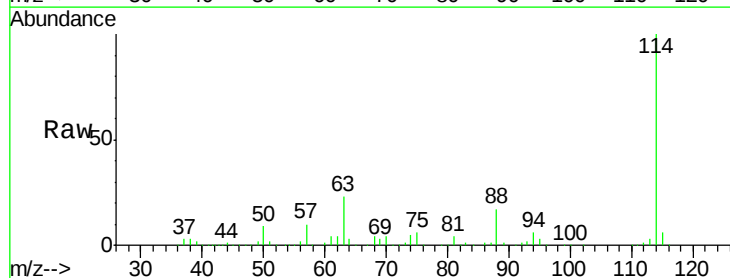
Tgt Ion: 114 Resp: 293087

Ion Ratio Lower Upper

114 100

63 23.5 0.0 45.6

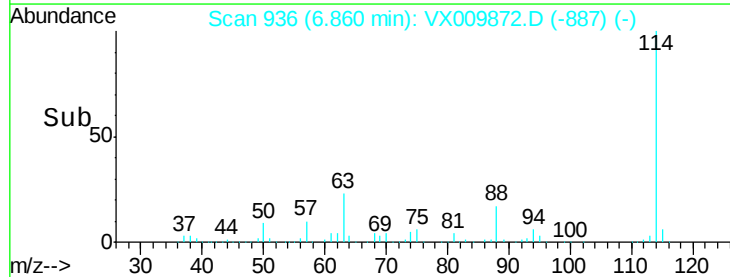
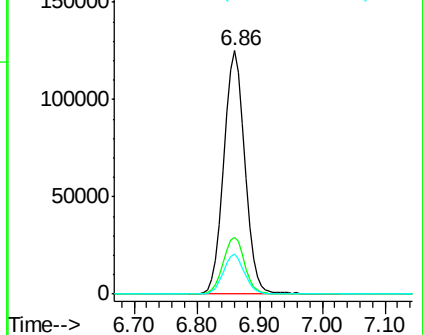
88 16.6 0.0 33.2

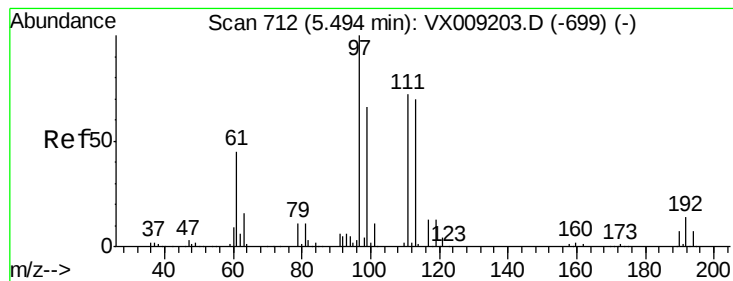


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.635 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009872.D

Acq: 23 May 2019 20:35

Instrument :

MSVOA_X

ClientSampleId :

S36-0156

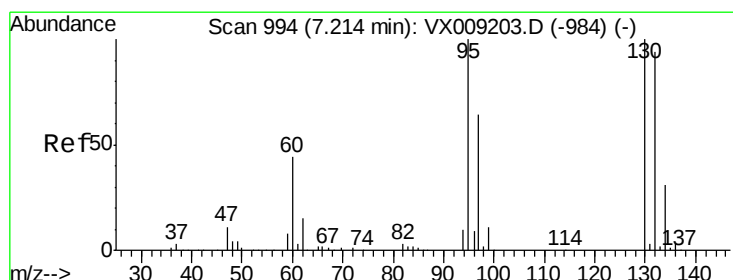
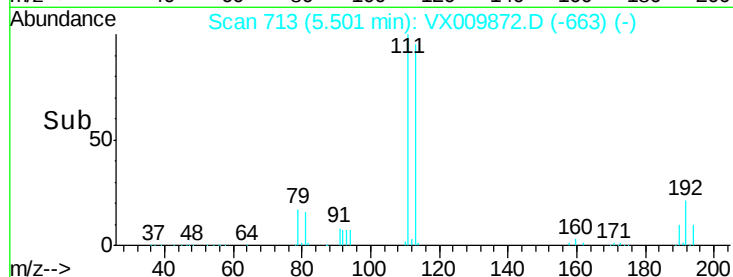
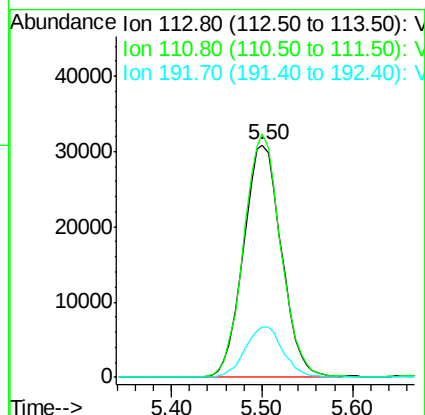
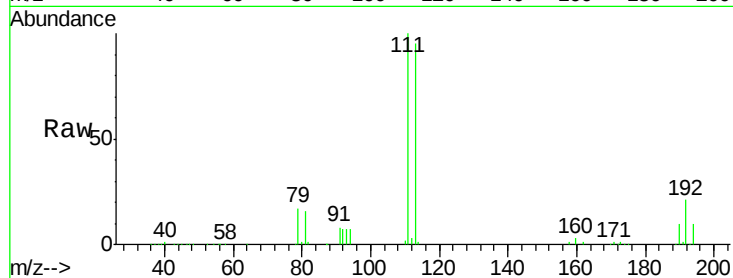
Tot Ion:113 Resp: 89608

Ion Ratio Lower Upper

113 100

111 102.5 82.8 124.2

192 21.7 17.0 25.6



#44

Trichloroethene

Concen: 1.127 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX009872.D

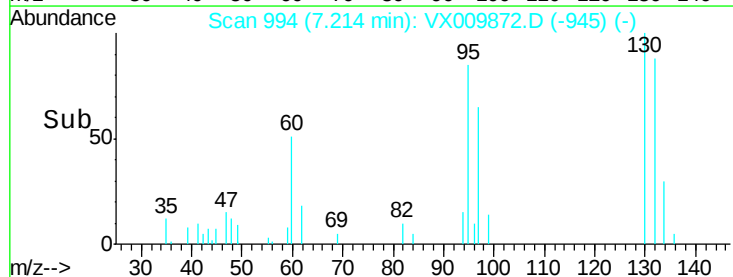
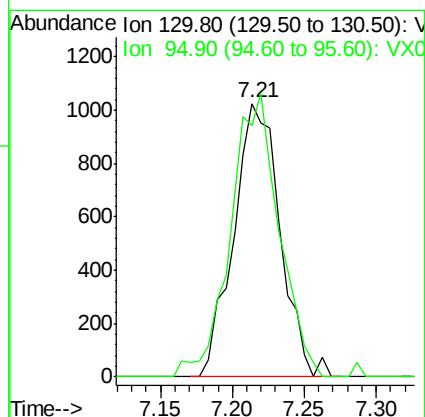
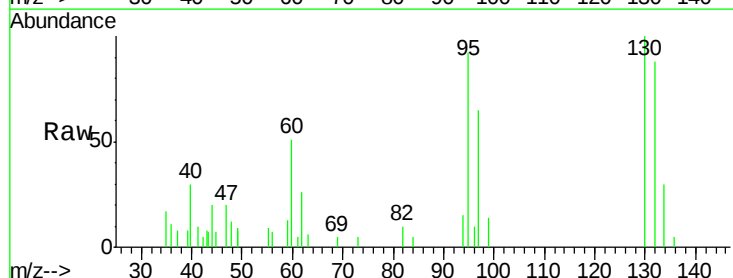
Acq: 23 May 2019 20:35

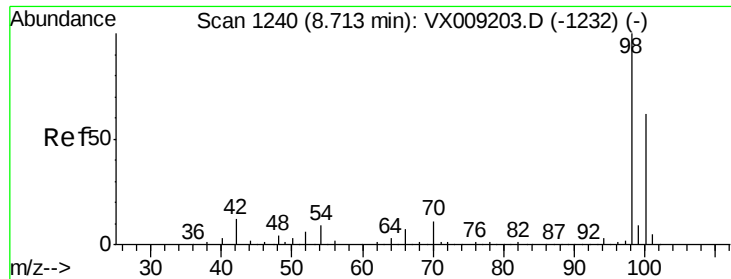
Tgt Ion:130 Resp: 2297

Ion Ratio Lower Upper

130 100

95 92.0 0.0 199.2

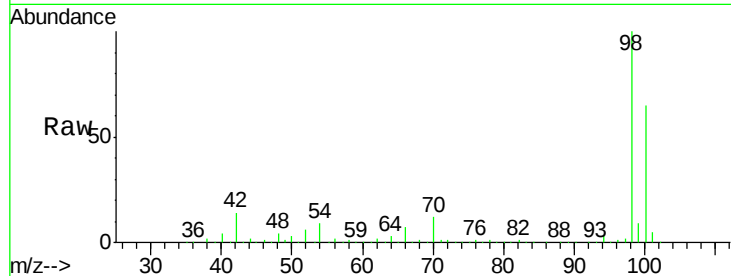




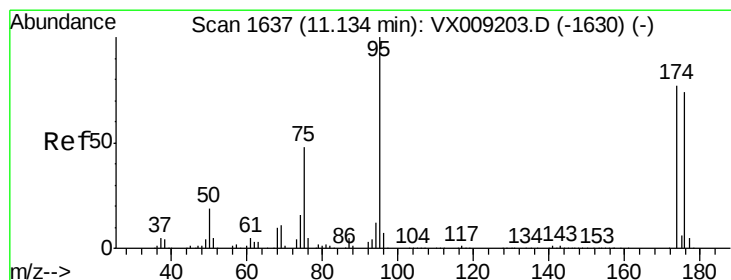
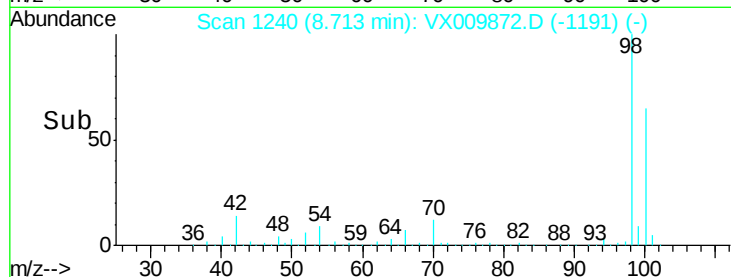
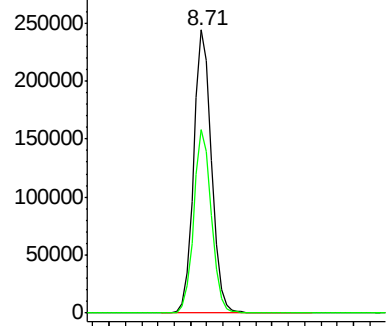
#50
Toluene-d8
Concen: 49.967 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009872.D
Acq: 23 May 2019 20:35

Instrument :
MSVOA_X
ClientSampled :
S36-0156

Tot Ion: 98 Resp: 371679
Ion Ratio Lower Upper
98 100
100 64.3 51.2 76.8

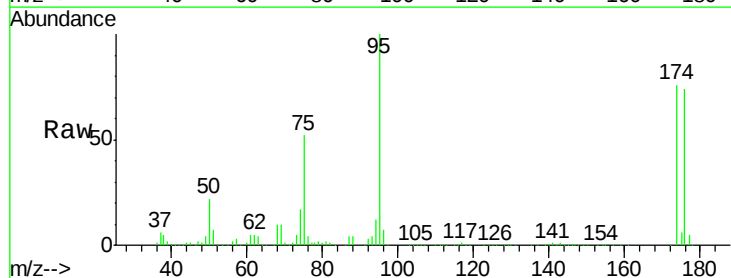


Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

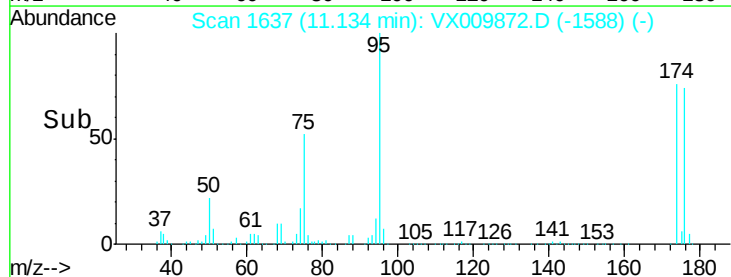
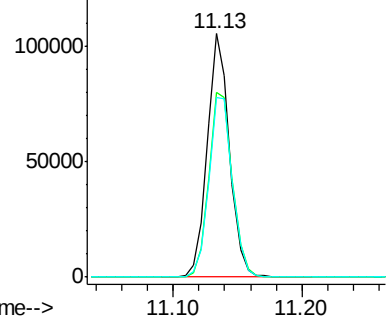


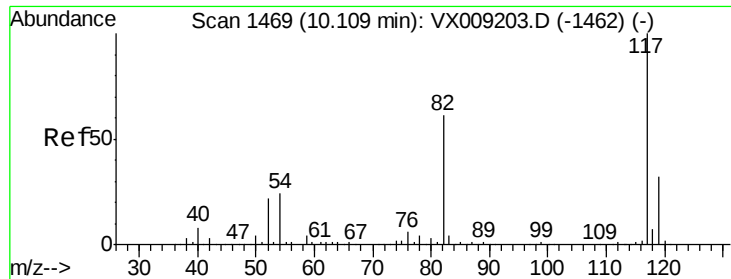
#62
4-Bromofluorobenzene
Concen: 46.709 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009872.D
Acq: 23 May 2019 20:35

Tgt Ion: 95 Resp: 126249
Ion Ratio Lower Upper
95 100
174 80.2 0.0 161.6
176 79.0 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

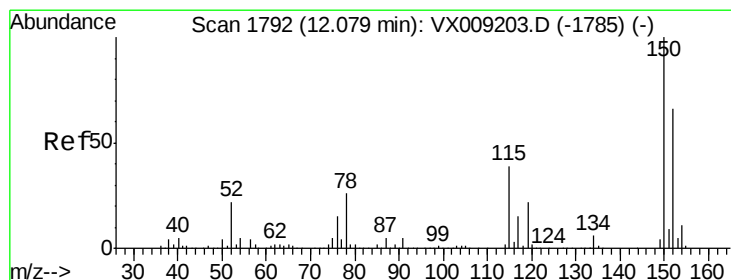
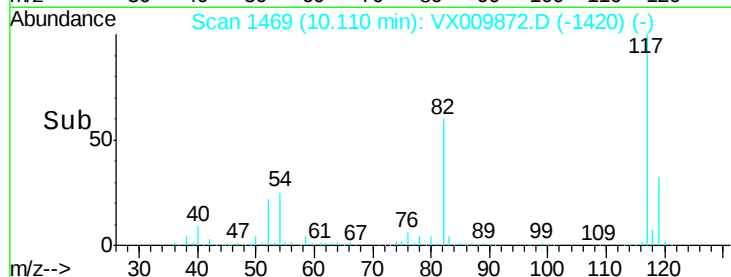
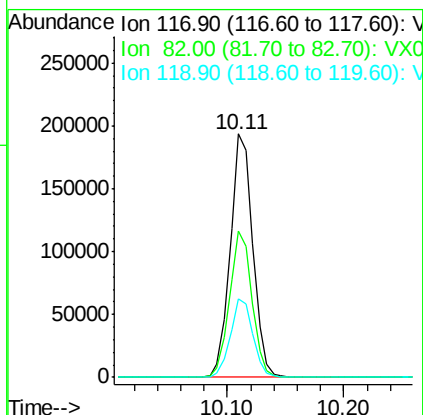
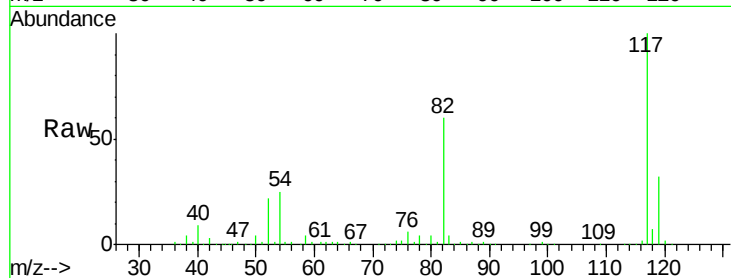




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009872.D
Acq: 23 May 2019 20:35

Instrument :
MSVOA_X
ClientSampled :
S36-0156

Tot Ion:117 Resp: 261863
Ion Ratio Lower Upper
117 100
82 60.3 48.8 73.2
119 32.1 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009872.D
Acq: 23 May 2019 20:35

Tgt Ion:152 Resp: 113783
Ion Ratio Lower Upper
152 100
115 59.3 41.2 123.6
150 156.6 0.0 346.4

