

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010919\
 Data File : VX006957.D
 Acq On : 09 Jan 2019 10:58
 Operator : JC/MD
 Sample : VX0109WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0109WBL01

Quant Time: Jan 10 00:51:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	665092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1019045	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	922822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	445928	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	344887	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
35) Dibromofluoromethane	5.50	113	313274	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
50) Toluene-d8	8.71	98	1181463	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
62) 4-Bromofluorobenzene	11.13	95	420698	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	

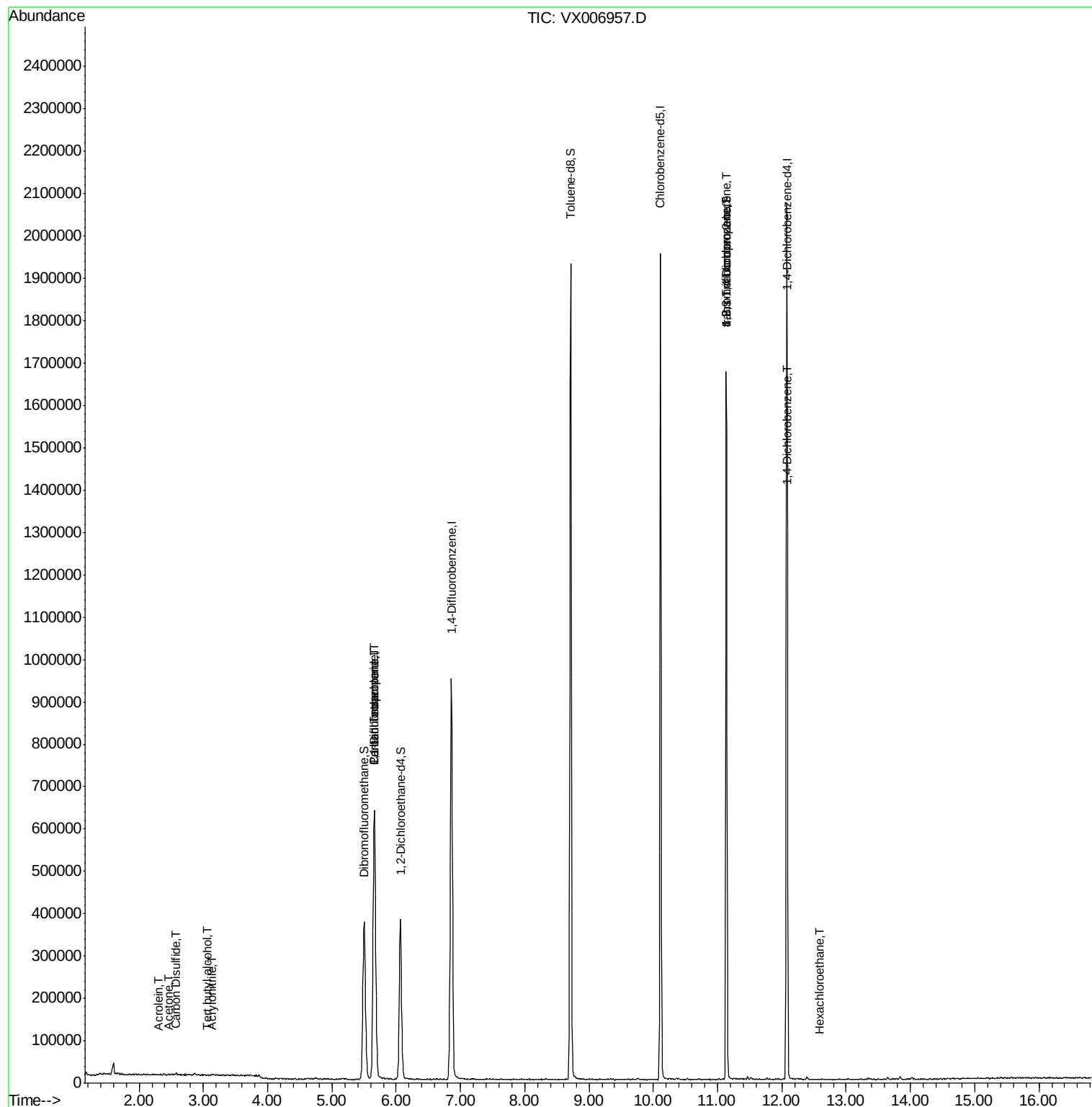
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.07	59	443	0.270	ug/l #	56
13) Acrolein	2.30	56	375	3.608	ug/l #	73
15) Acrylonitrile	3.14	53	1462	0.388	ug/l #	92
16) Acetone	2.45	43	1704	0.496	ug/l #	74
17) Carbon Disulfide	2.57	76	3409	0.217	ug/l #	66
20) Methylene Chloride	2.86	84	1839	Below Cal	#	86
36) 1,1-Dichloropropene	5.66	75	41685	4.705	ug/l #	48
38) Carbon Tetrachloride	5.66	117	60428	6.779	ug/l #	14
49) 1,4-Dioxane	7.75	88	289	Below Cal	#	84
76) 1,2,3-Trichloropropane	11.13	75	197266	21.830	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	197266	64.678	ug/l #	10
88) 1,4-Dichlorobenzene	12.09	146	1937	0.275	ug/l #	1
90) Hexachloroethane	12.59	117	107	2.931	ug/l #	38

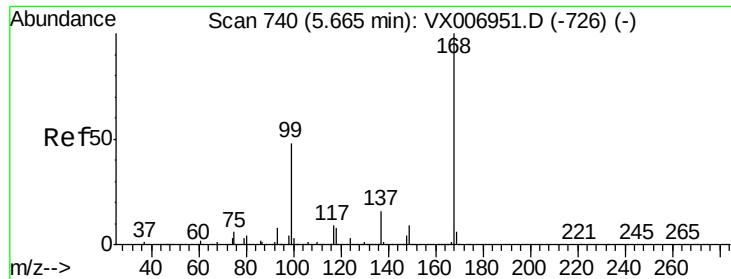
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 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: VX006957.D

Acq: 09 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

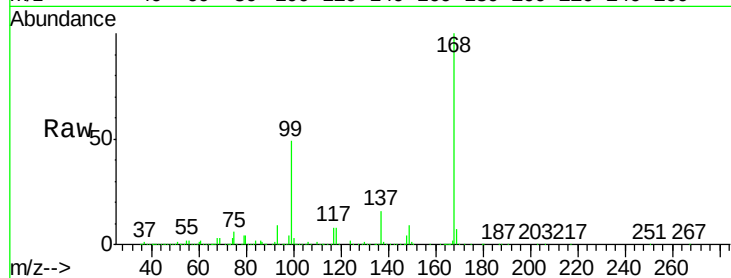
VX0109WBL01

Tot Ion:168 Resp: 665092

Ion Ratio Lower Upper

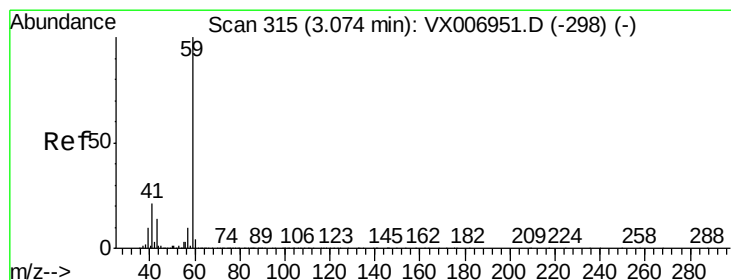
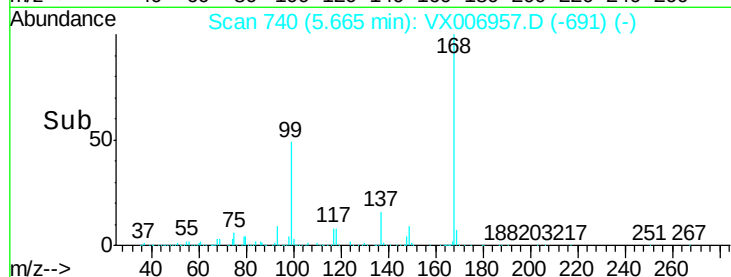
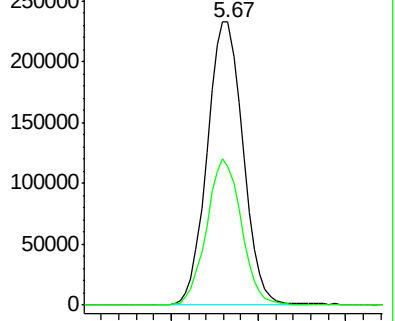
168 100

99 49.0 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 0.270 ug/l

RT: 3.07 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX006957.D

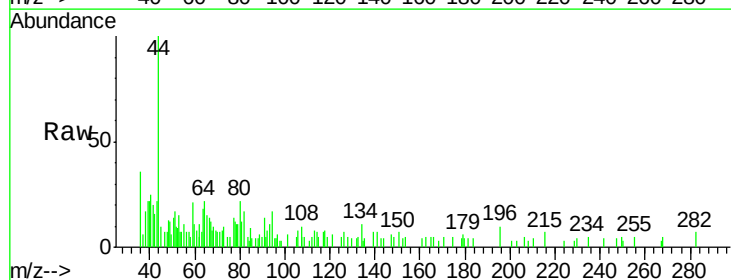
Acq: 09 Jan 2019 10:58

Tgt Ion: 59 Resp: 443

Ion Ratio Lower Upper

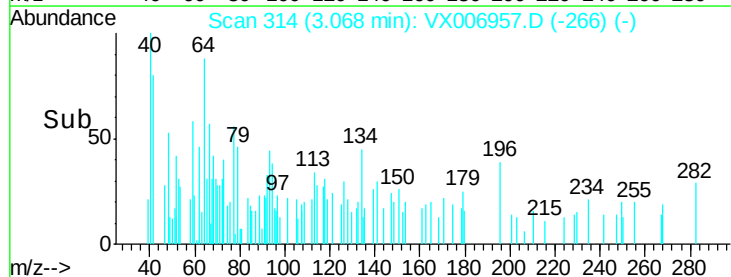
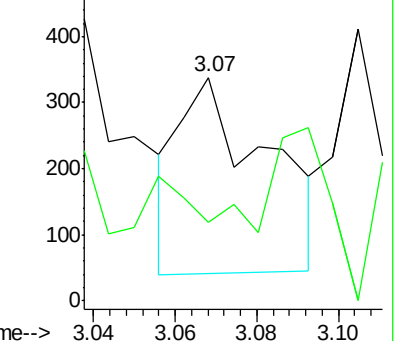
59 100

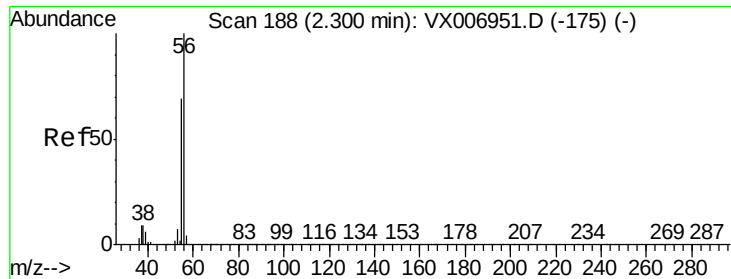
57 27.1 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 3.608 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX006957.D

Acq: 09 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

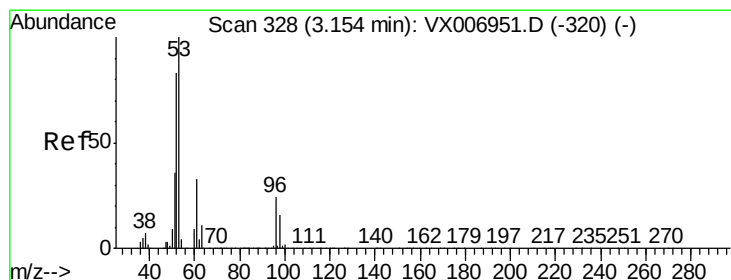
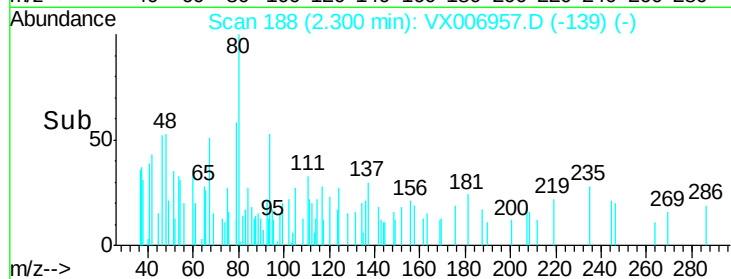
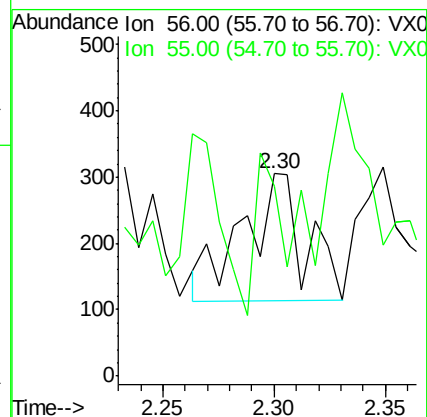
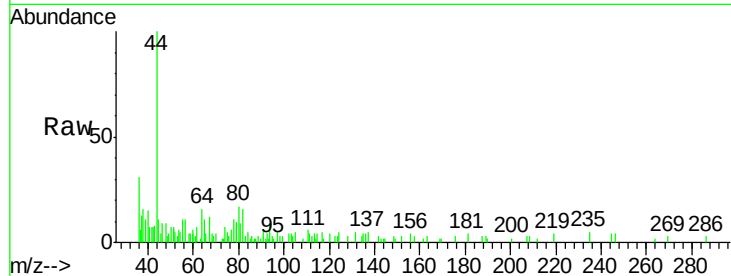
VX0109WBL01

Tot Ion: 56 Resp: 375

Ion Ratio Lower Upper

56 100

55 49.9 58.2 87.4#



#15

Acrylonitrile

Concen: 0.388 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX006957.D

Acq: 09 Jan 2019 10:58

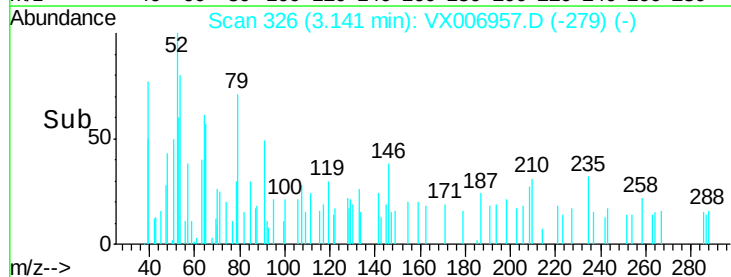
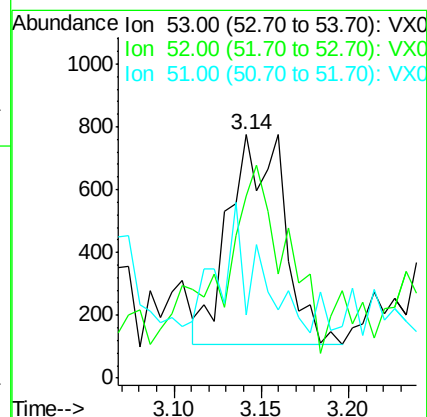
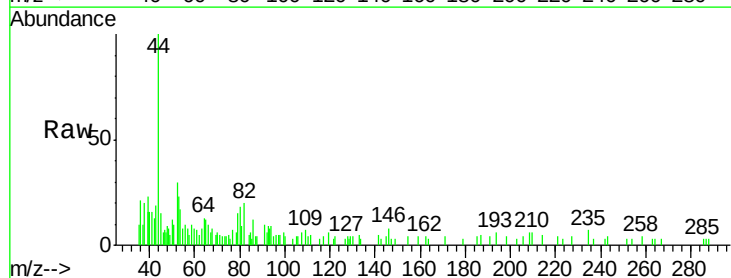
Tgt Ion: 53 Resp: 1462

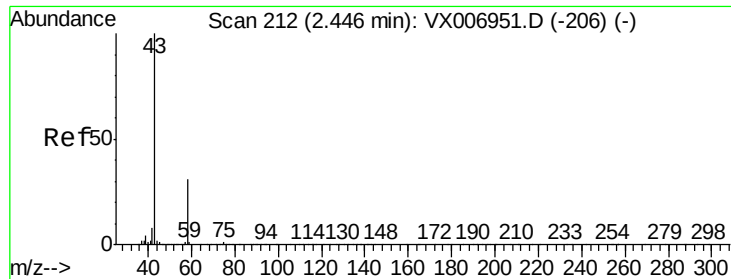
Ion Ratio Lower Upper

53 100

52 86.9 66.0 99.0

51 43.6 28.6 42.8#





#16

Acetone

Concen: 0.496 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006957.D

Acq: 09 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampled :

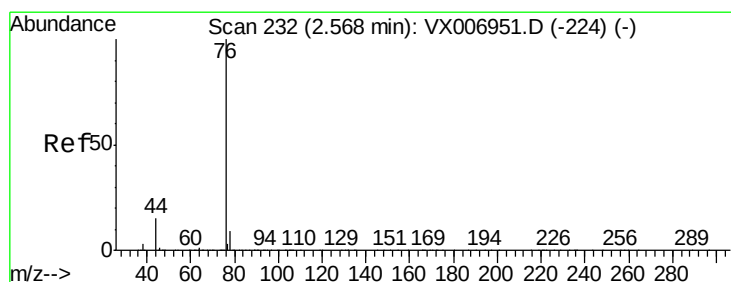
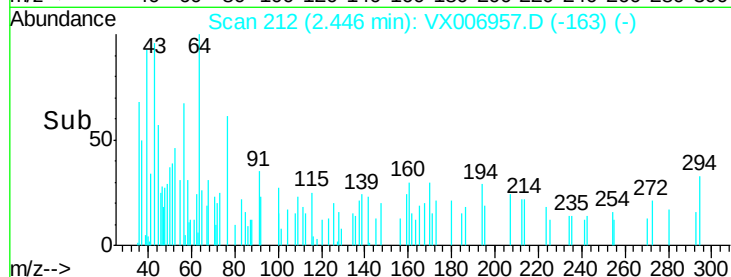
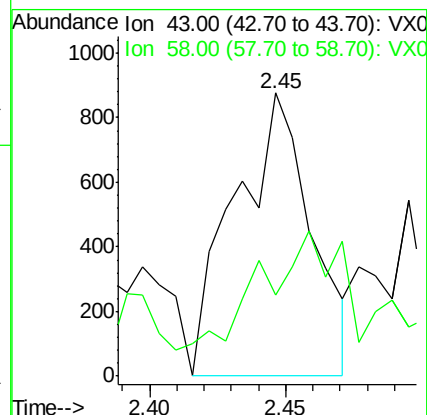
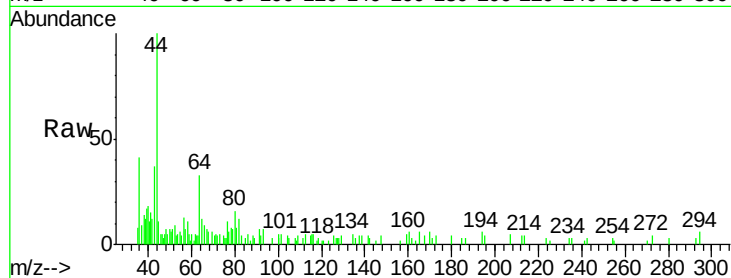
VX0109WBL01

Tot Ion: 43 Resp: 1704

Ion Ratio Lower Upper

43 100

58 17.1 25.0 37.6#



#17

Carbon Disulfide

Concen: 0.217 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006957.D

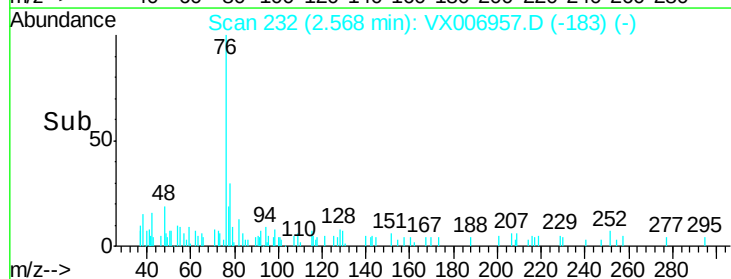
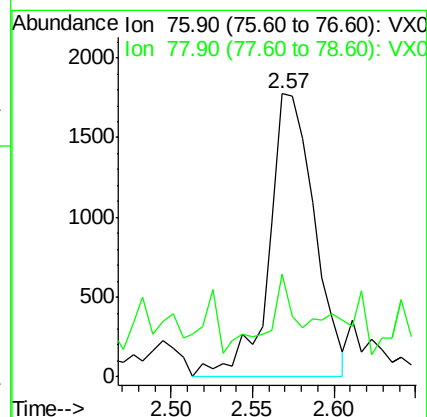
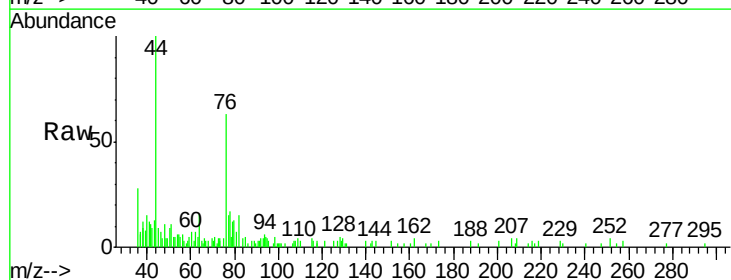
Acq: 09 Jan 2019 10:58

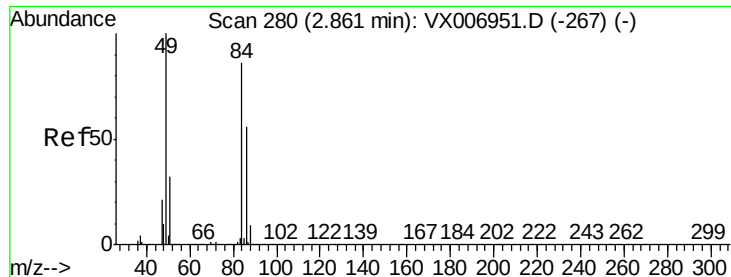
Tgt Ion: 76 Resp: 3409

Ion Ratio Lower Upper

76 100

78 21.0 7.0 10.6#



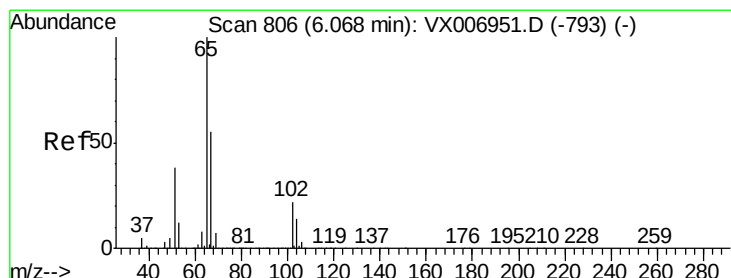
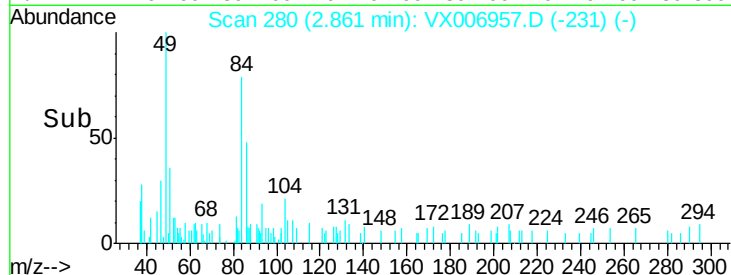
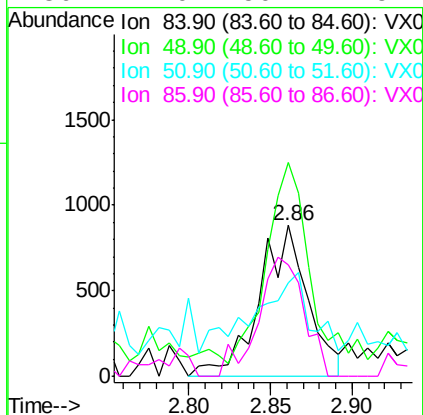
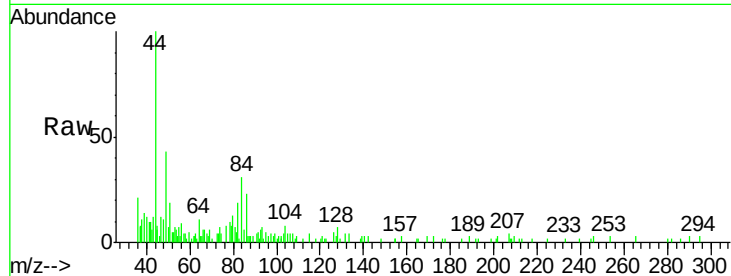


#20

Methylene Chloride
 Concen: Below Cal
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX006957.D
 Acq: 09 Jan 2019 10:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0109WBL01

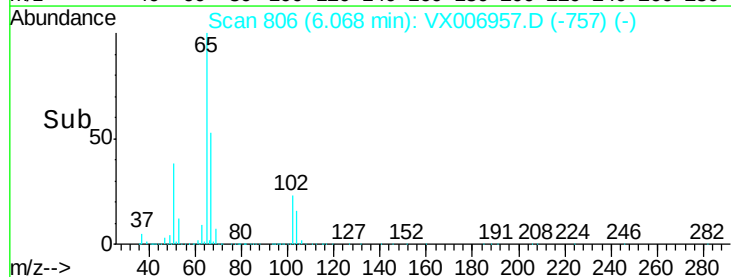
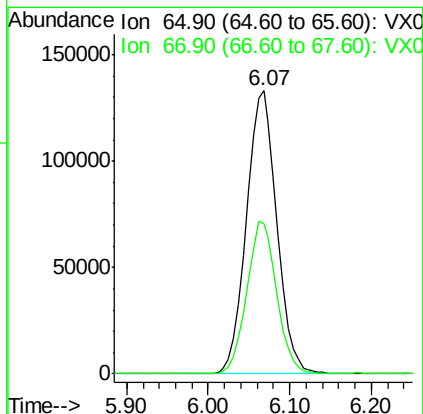
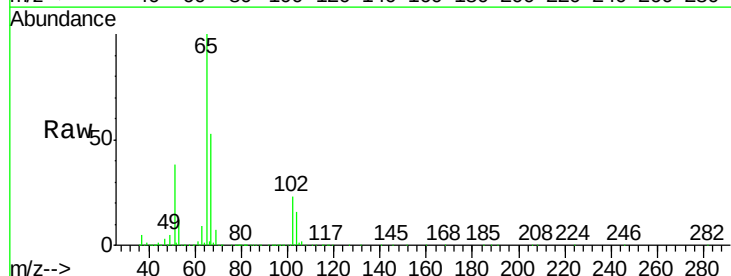
Tot Ion: 84 Resp: 1839
 Ion Ratio Lower Upper
 84 100
 49 129.0 91.8 137.6
 51 44.6 28.5 42.7#
 86 74.0 50.2 75.2

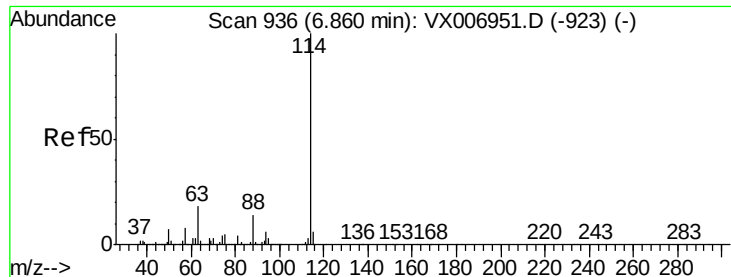


#33

1,2-Dichloroethane-d4
 Concen: 49.618 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX006957.D
 Acq: 09 Jan 2019 10:58

Tgt Ion: 65 Resp: 344887
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006957.D

Acq: 09 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0109WBL01

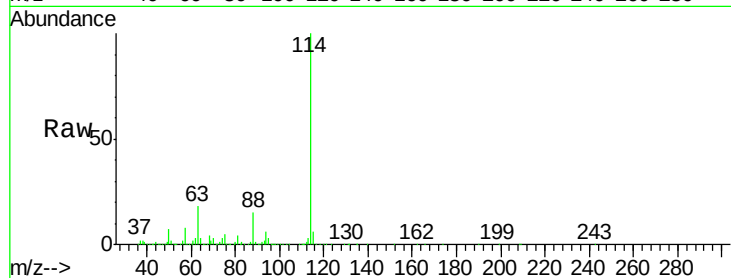
Tot Ion:114 Resp: 1019045

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.8

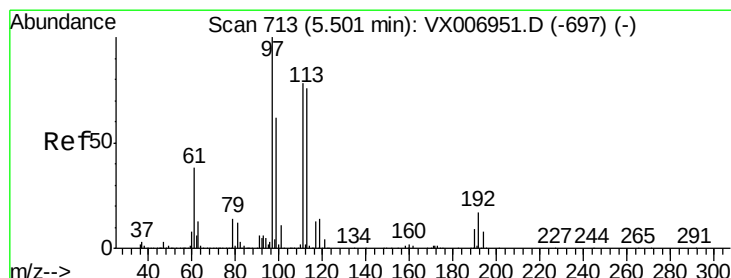
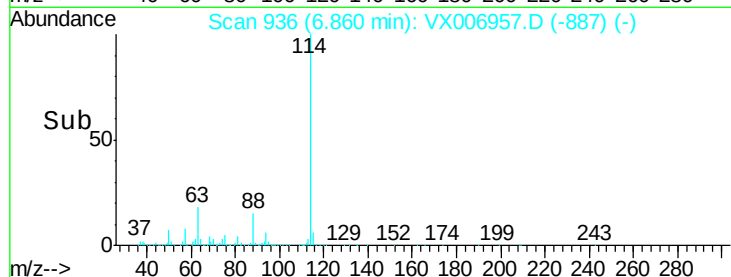
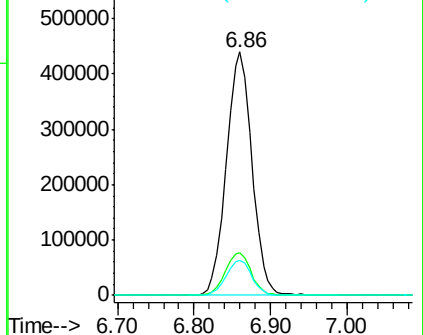
88 14.5 0.0 28.8



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: 48.005 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006957.D

Acq: 09 Jan 2019 10:58

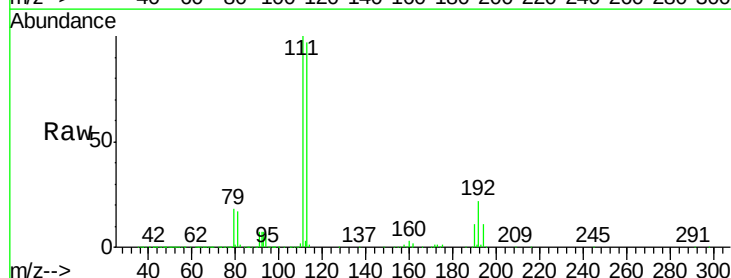
Tgt Ion:113 Resp: 313274

Ion Ratio Lower Upper

113 100

111 102.3 81.6 122.4

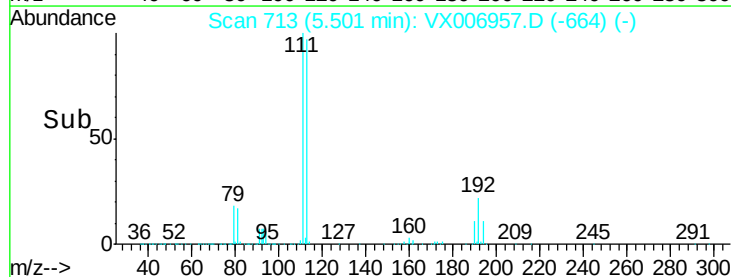
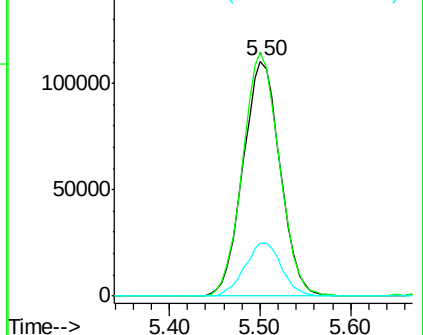
192 22.5 16.7 25.1

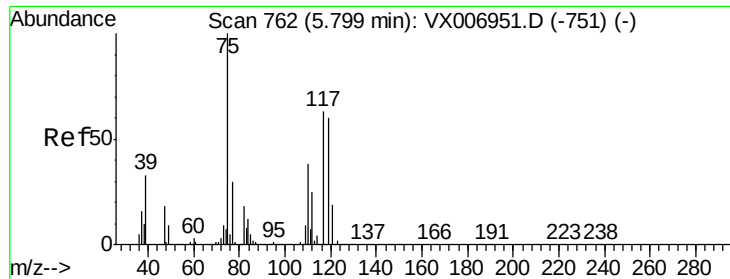


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.705 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006957.D

Acq: 09 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0109WBL01

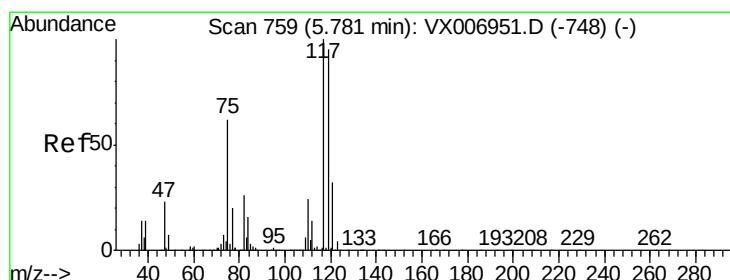
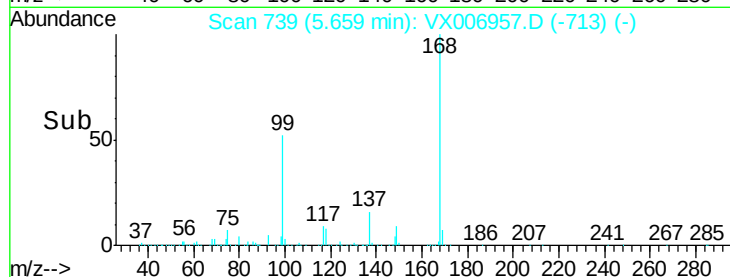
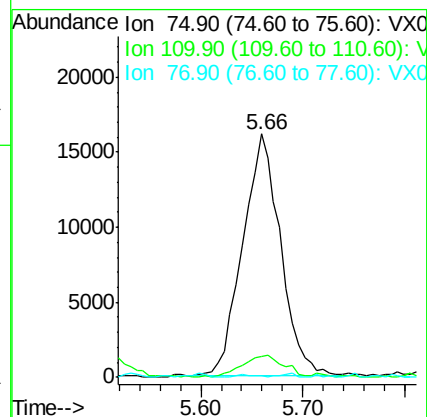
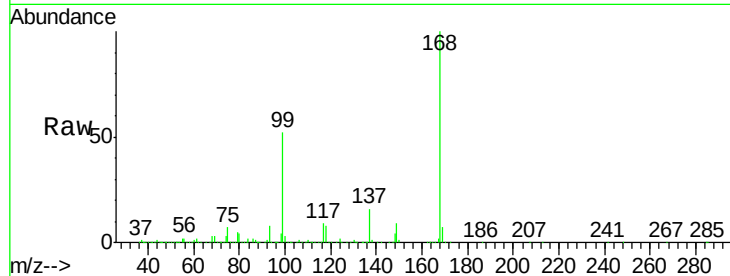
Tot Ion: 75 Resp: 41685

Ion Ratio Lower Upper

75 100

110 10.0 20.2 60.5#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.779 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006957.D

Acq: 09 Jan 2019 10:58

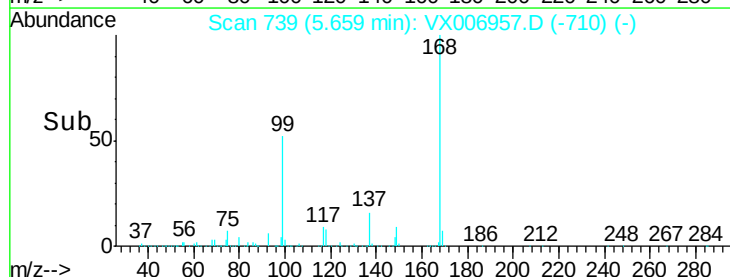
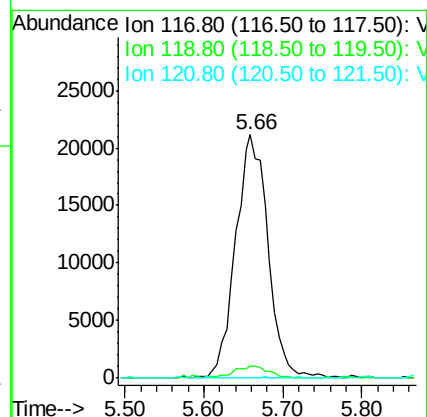
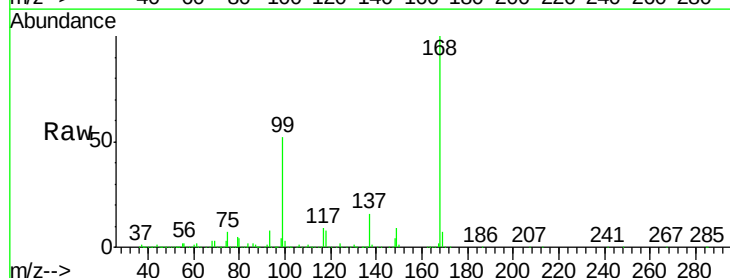
Tgt Ion: 117 Resp: 60428

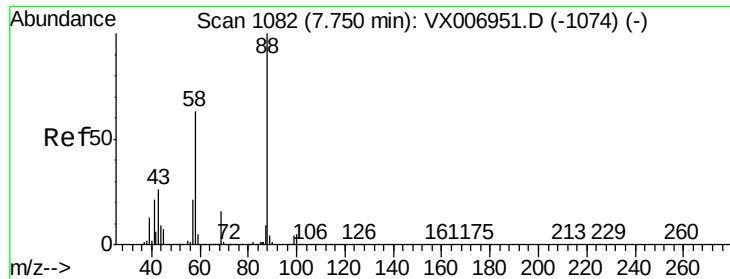
Ion Ratio Lower Upper

117 100

119 4.3 79.4 119.2#

121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: Below Cal

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006957.D

Acq: 09 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0109WBL01

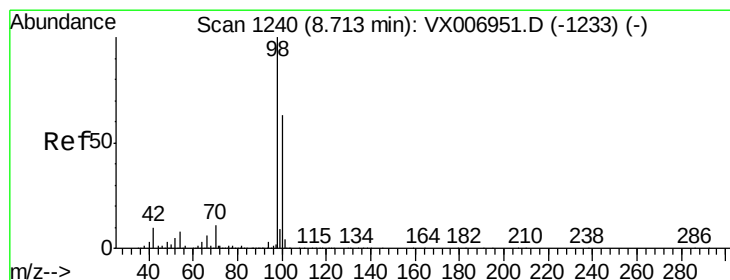
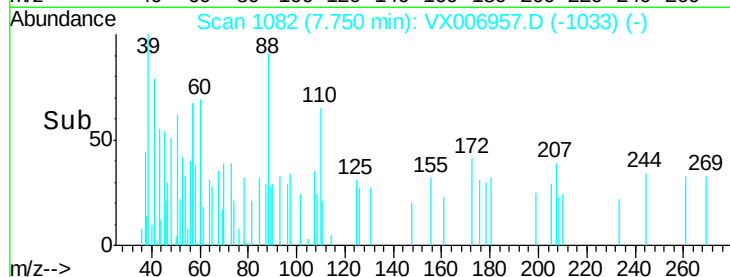
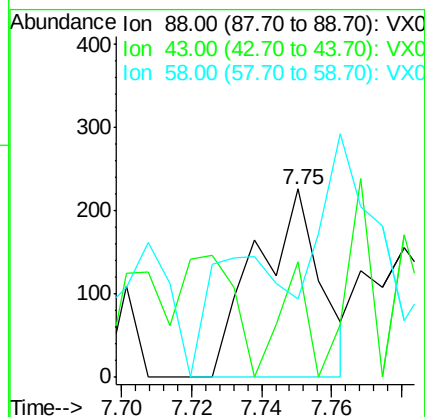
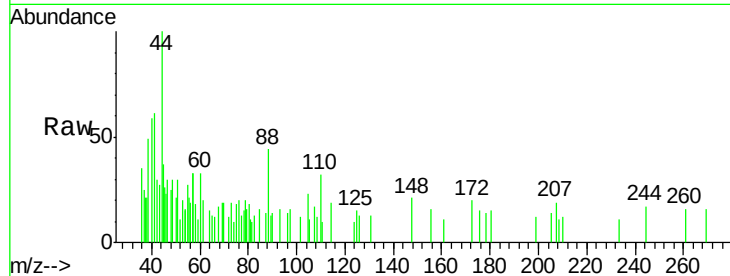
Tot Ion: 88 Resp: 289

Ion Ratio Lower Upper

88 100

43 25.3 22.2 33.4

58 79.6 51.0 76.4#



#50

Toluene-d8

Concen: 49.461 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006957.D

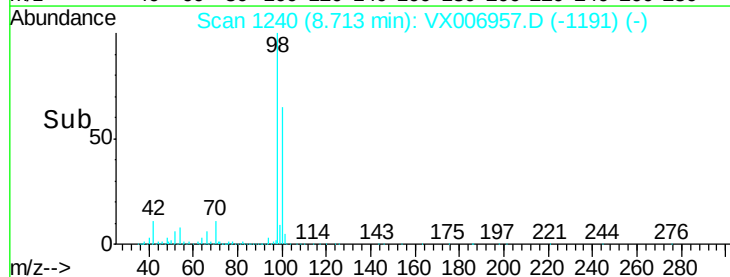
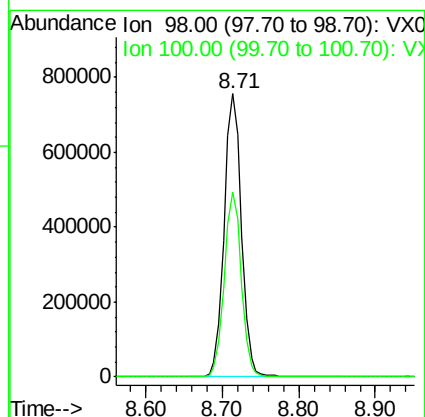
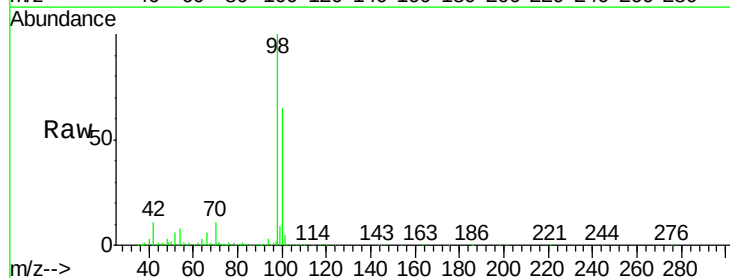
Acq: 09 Jan 2019 10:58

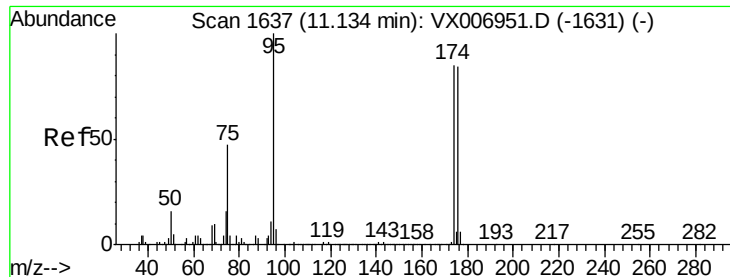
Tgt Ion: 98 Resp: 1181463

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0

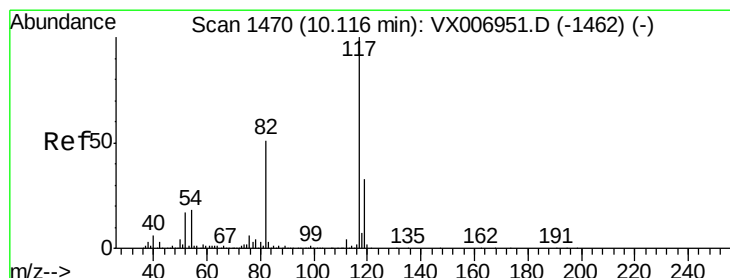
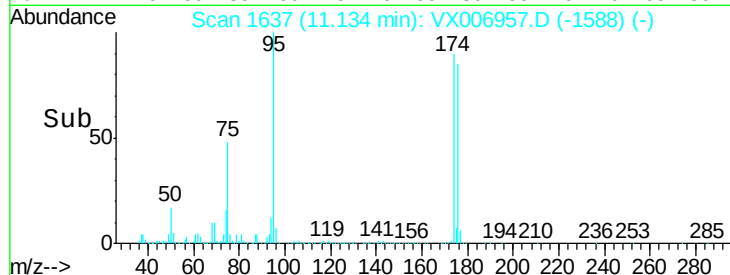
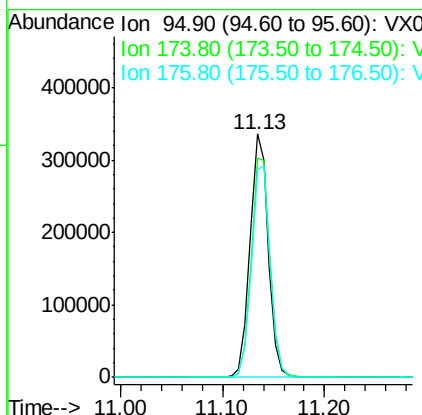
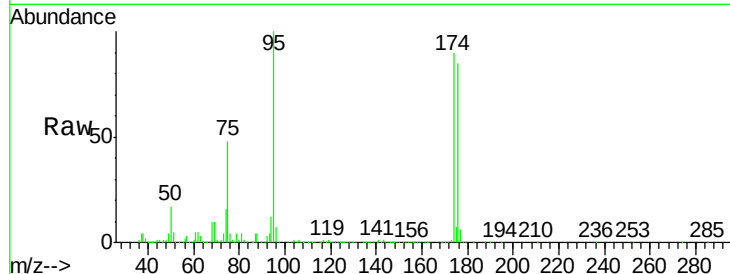




#62
4-Bromofluorobenzene
Concen: 50.519 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX006957.D
Acq: 09 Jan 2019 10:58

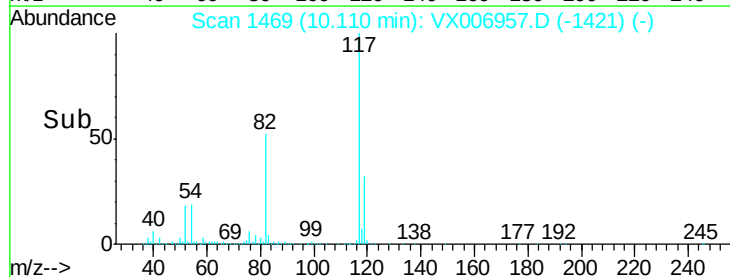
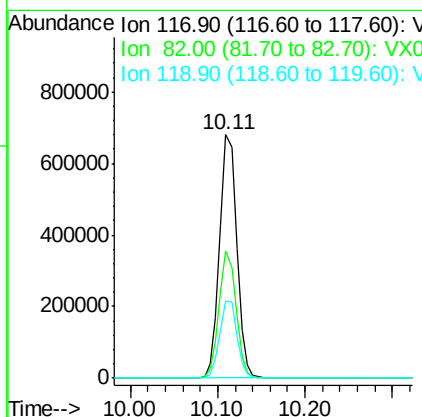
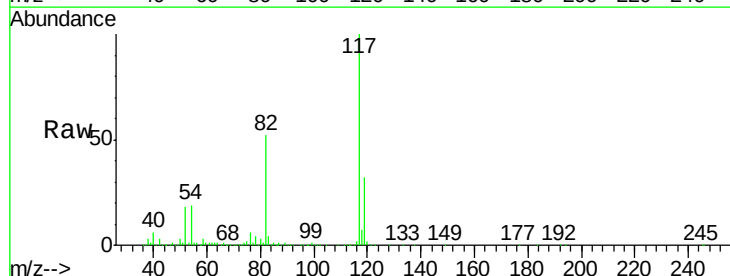
Instrument :
MSVOA_X
ClientSampleId :
VX0109WBL01

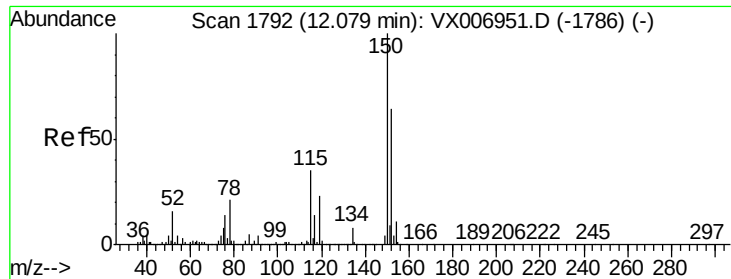
Tot Ion	Ratio	Lower	Upper
95	100		
174	93.7	0.0	182.2
176	90.1	0.0	178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX006957.D
Acq: 09 Jan 2019 10:58

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.2	41.0	61.6
119	31.7	25.4	38.0

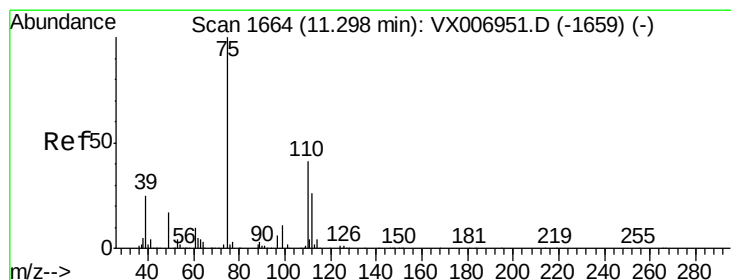
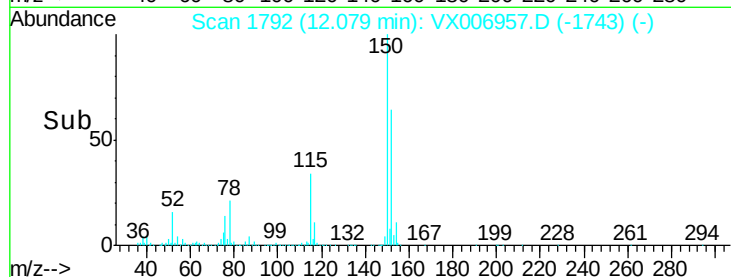
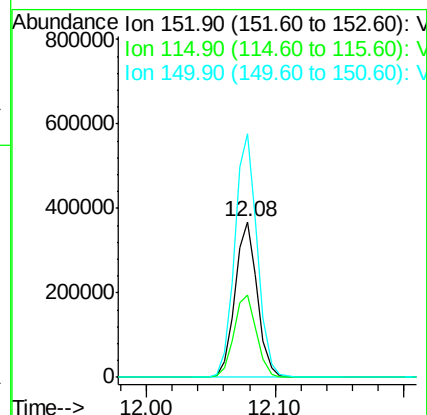
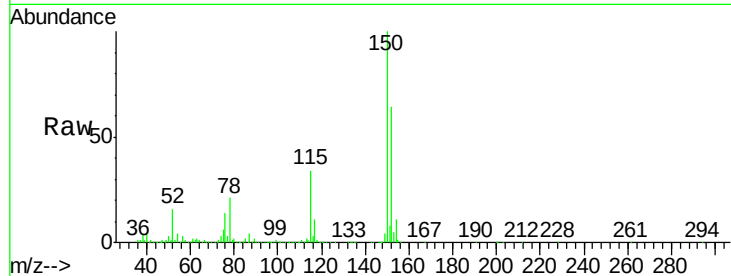




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX006957.D
 Acq: 09 Jan 2019 10:58

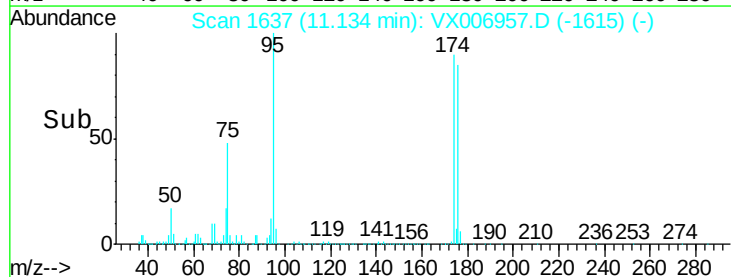
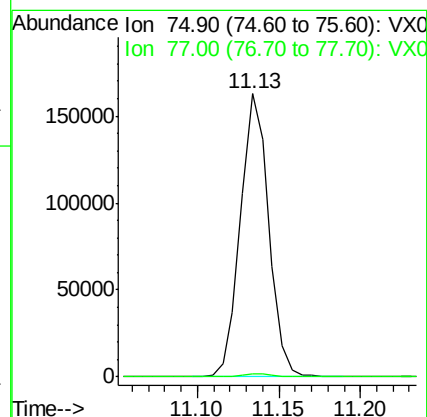
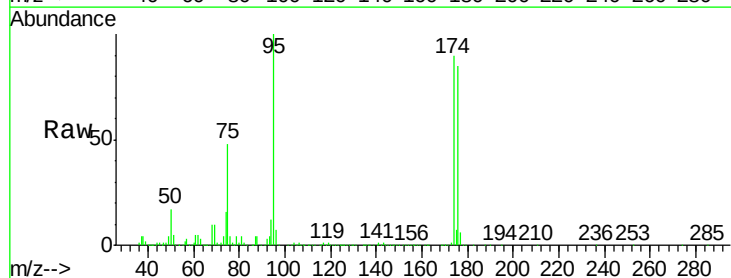
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0109WBL01

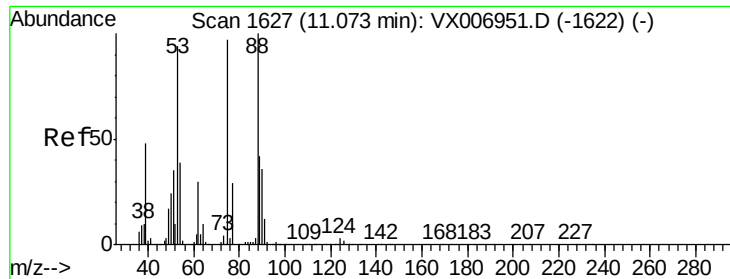
Tot Ion	Ratio	Lower	Upper
152	100		
115	54.2	39.1	117.2
150	158.2	0.0	344.8



#76
 1,2,3-Trichloropropane
 Concen: 21.830 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX006957.D
 Acq: 09 Jan 2019 10:58

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.4	18.5	55.5#

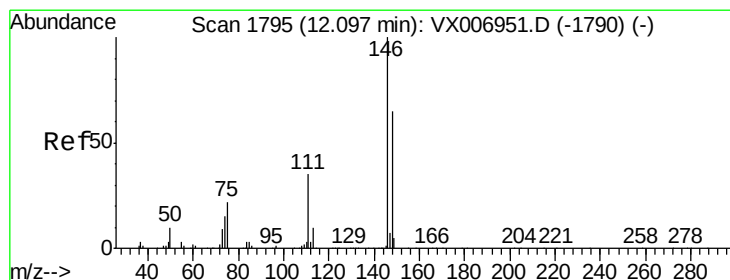
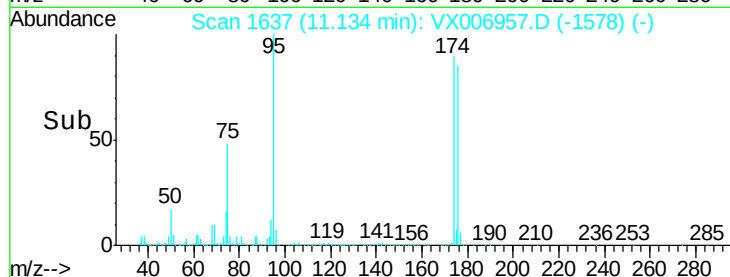
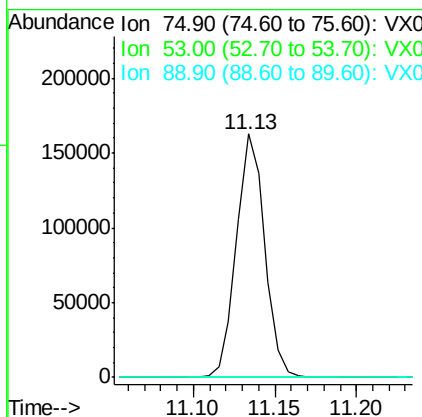
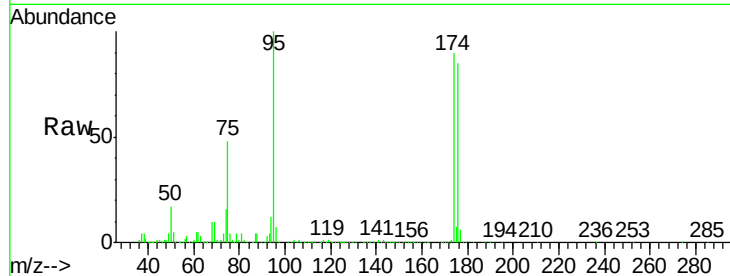




#81
trans-1,4-Dichloro-2-butene
Concen: 64.678 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX006957.D
Acq: 09 Jan 2019 10:58

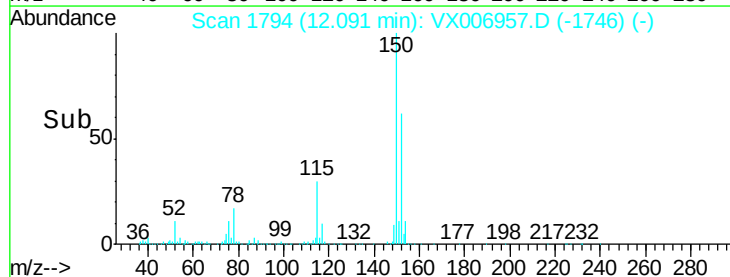
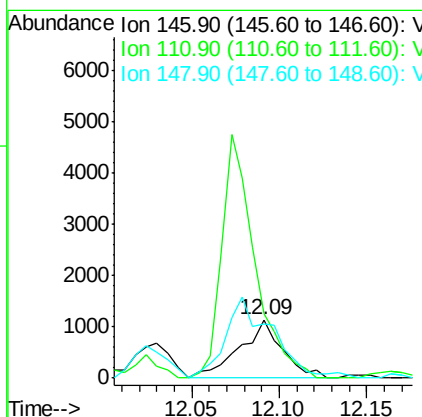
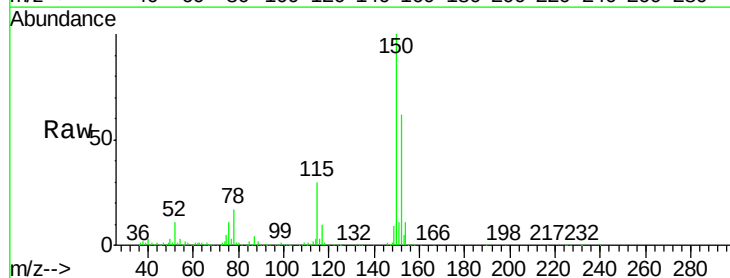
Instrument :
MSVOA_X
ClientSampleId :
VX0109WBL01

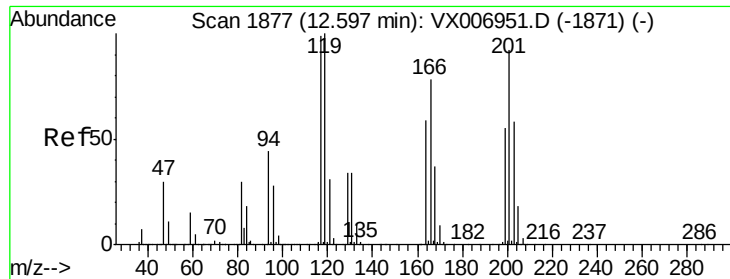
Tot Ion: 75 Resp: 197266
Ion Ratio Lower Upper
75 100
53 0.2 79.7 119.5#
89 0.1 38.0 57.0#



#88
1,4-Dichlorobenzene
Concen: 0.275 ug/l
RT: 12.09 min Scan# 1794
Delta R.T. -0.01 min
Lab File: VX006957.D
Acq: 09 Jan 2019 10:58

Tgt Ion:146 Resp: 1937
Ion Ratio Lower Upper
146 100
111 324.5 18.1 54.1#
148 152.5 31.9 95.9#





#90

Hexachloroethane

Concen: 2.931 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX006957.D

Acq: 09 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

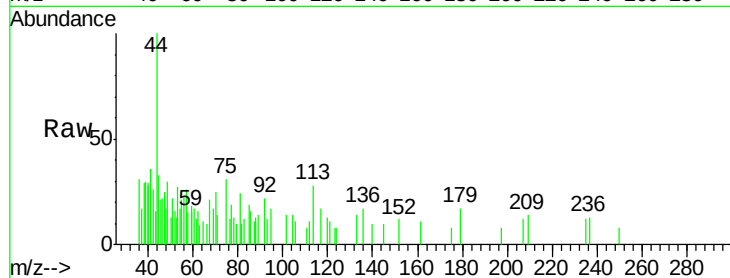
VX0109WBL01

Tot Ion:117 Resp: 107

Ion Ratio Lower Upper

117 100

201 29.0 42.9 128.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

