

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012419\
 Data File : VX007196.D
 Acq On : 24 Jan 2019 11:55
 Operator : JC/SP
 Sample : VX0124WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBL01

Quant Time: Jan 25 00:00:52 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	579717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	875223	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	804547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	381694	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	306519	50.59	ug/l	0.00
Spiked Amount			Recovery	=	101.18%	
35) Dibromofluoromethane	5.50	113	281211	50.17	ug/l	0.00
Spiked Amount			Recovery	=	100.34%	
50) Toluene-d8	8.71	98	1036412	50.52	ug/l	0.00
Spiked Amount			Recovery	=	101.04%	
62) 4-Bromofluorobenzene	11.13	95	355708	49.73	ug/l	0.00
Spiked Amount			Recovery	=	99.46%	

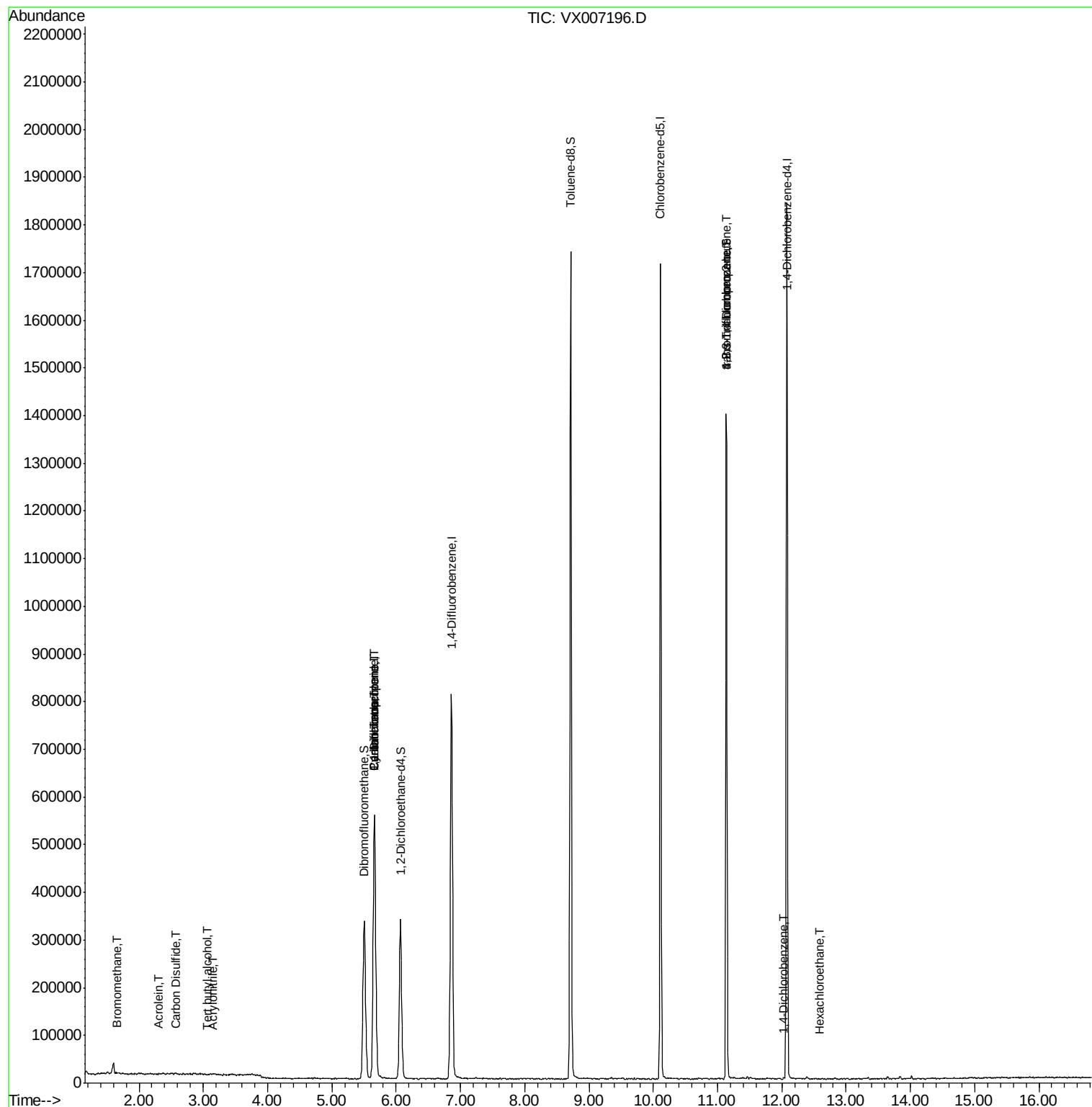
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	1677	0.263	ug/l #	66
11) Tert butyl alcohol	3.06	59	336	0.235	ug/l #	1
13) Acrolein	2.30	56	504	3.892	ug/l #	23
15) Acrylonitrile	3.15	53	1644	0.501	ug/l #	27
17) Carbon Disulfide	2.58	76	2994	0.218	ug/l #	85
20) Methylene Chloride	2.85	84	1658	Below Cal	#	72
31) Cyclohexane	5.65	56	9501	1.112	ug/l #	18
36) 1,1-Dichloropropene	5.67	75	35776	4.702	ug/l #	49
38) Carbon Tetrachloride	5.66	117	52361	6.839	ug/l #	14
49) 1,4-Dioxane	7.76	88	156	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.13	75	170429	22.034	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	170429	65.247	ug/l #	10
88) 1,4-Dichlorobenzene	12.03	146	1025	0.225	ug/l	85
90) Hexachloroethane	12.58	117	28	2.915	ug/l #	14

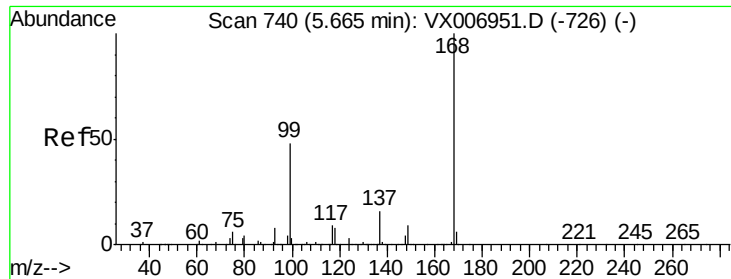
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :
VX0124WBL01

Quant Time: Jan 25 00:00:52 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
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: VX007196.D

Acq: 24 Jan 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

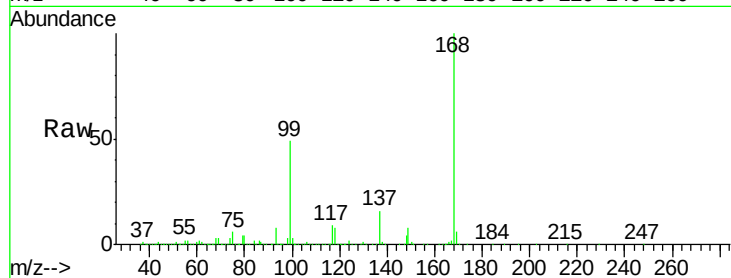
VX0124WBL01

Tot Ion:168 Resp: 579717

Ion Ratio Lower Upper

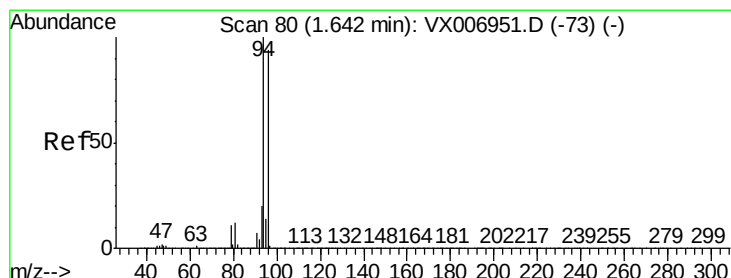
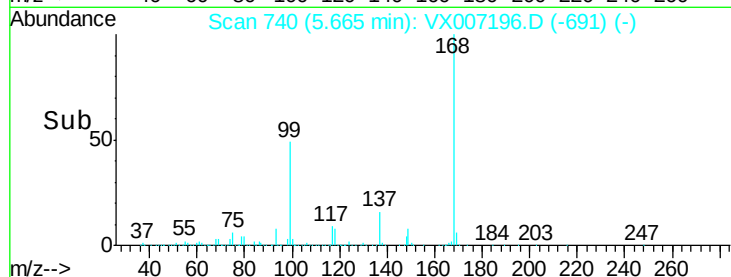
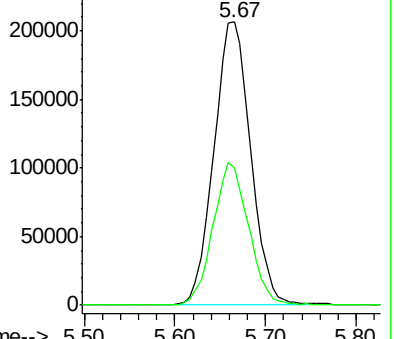
168 100

99 48.5 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.263 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.01 min

Lab File: VX007196.D

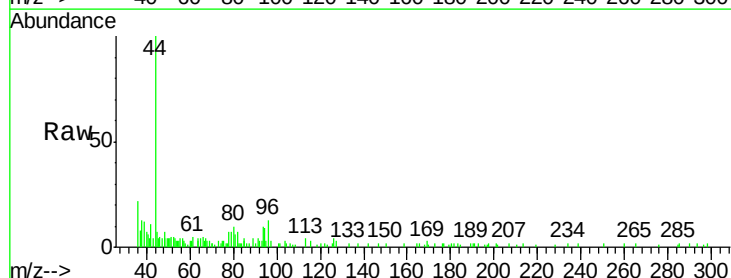
Acq: 24 Jan 2019 11:55

Tgt Ion: 94 Resp: 1677

Ion Ratio Lower Upper

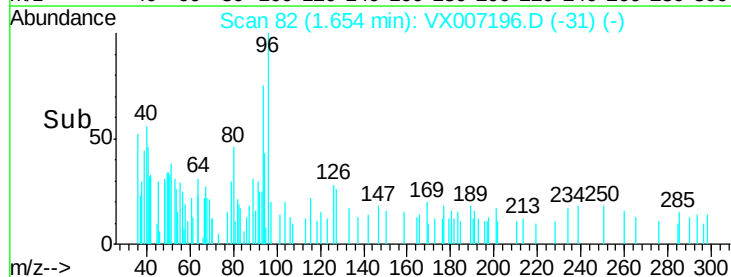
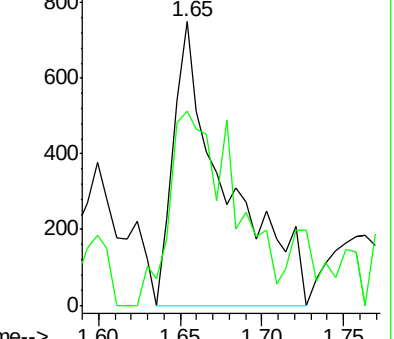
94 100

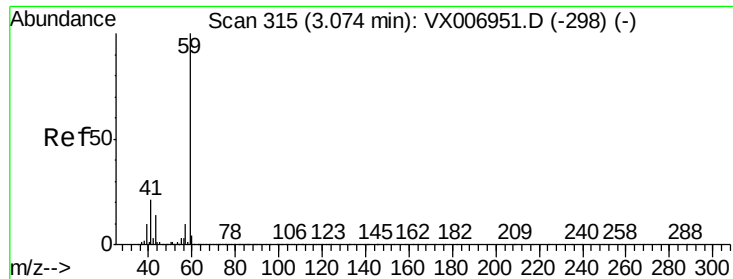
96 59.1 73.4 110.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



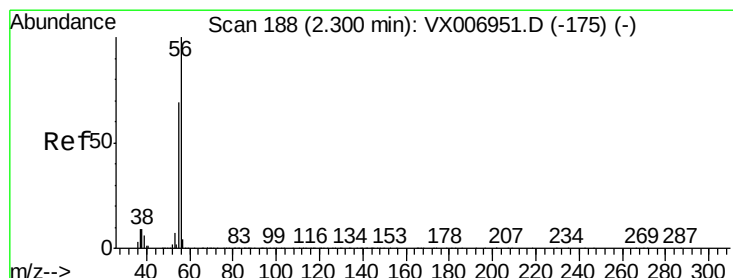
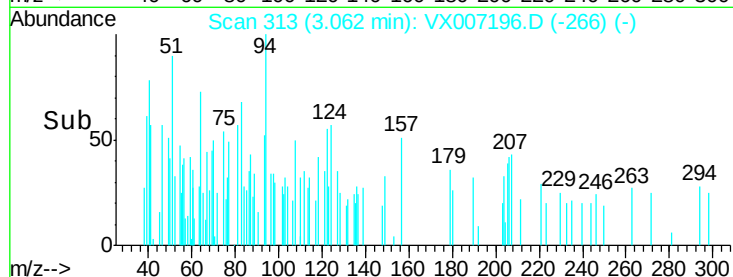
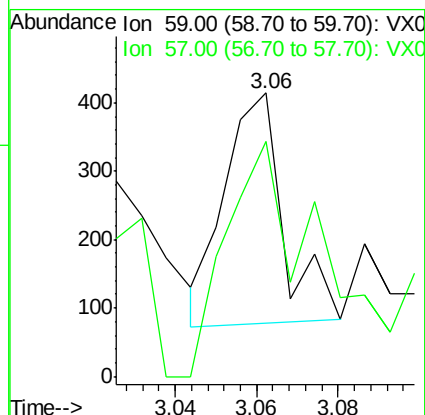
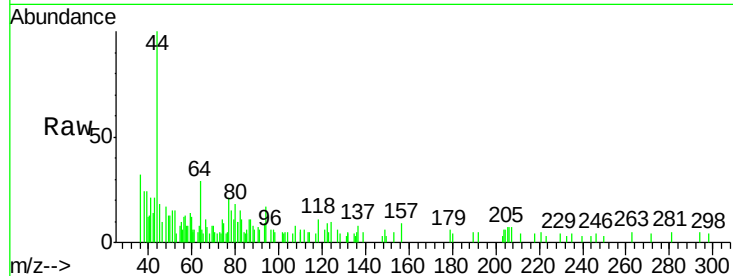


#11

Tert butyl alcohol
Concen: 0.235 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX007196.D
Acq: 24 Jan 2019 11:55

Instrument :
MSVOA_X
ClientSampled :
VX0124WBL01

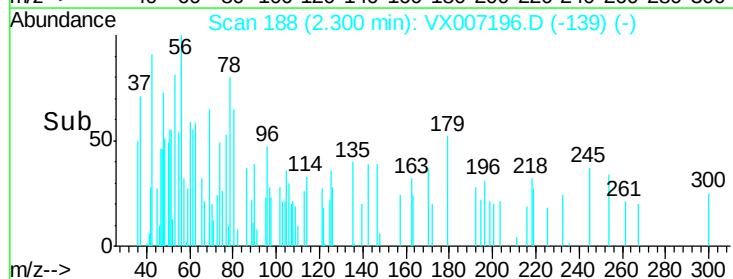
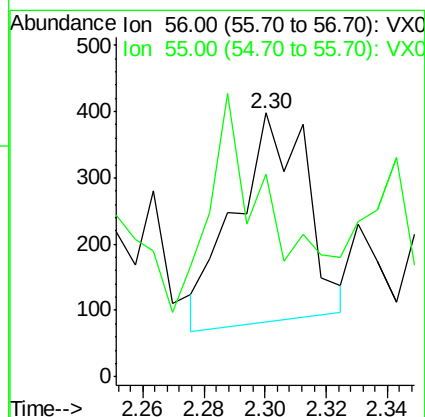
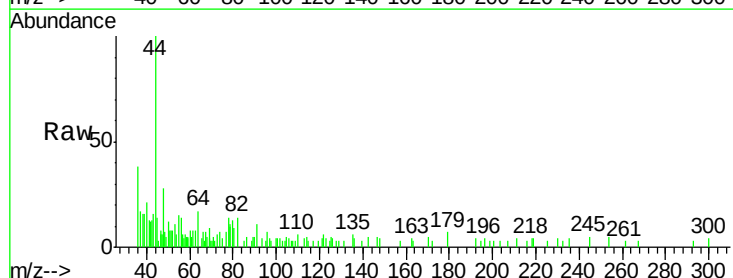
Tot Ion: 59 Resp: 336
Ion Ratio Lower Upper
59 100
57 160.4 8.5 12.7#

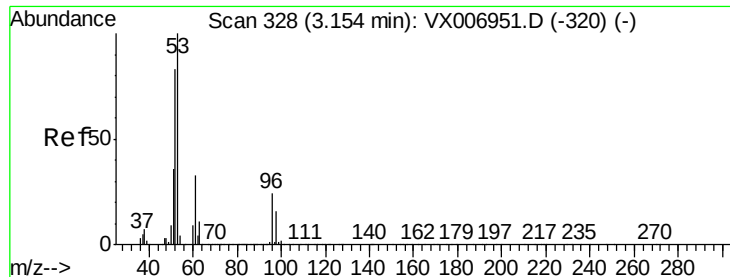


#13

Acrolein
Concen: 3.892 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.00 min
Lab File: VX007196.D
Acq: 24 Jan 2019 11:55

Tgt Ion: 56 Resp: 504
Ion Ratio Lower Upper
56 100
55 137.5 58.2 87.4#





#15

Acrylonitrile

Concen: 0.501 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007196.D

Acq: 24 Jan 2019 11:55

Instrument :

MSVOA_X

ClientSampled :

VX0124WBL01

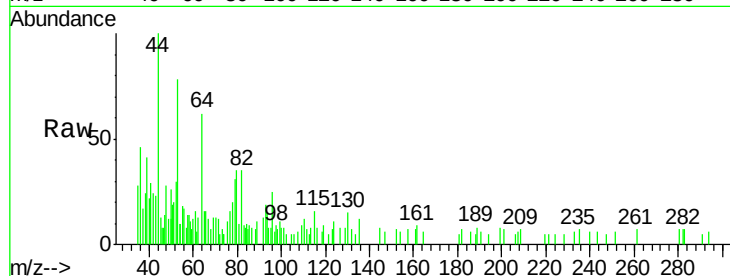
Tot Ion: 53 Resp: 1644

Ion Ratio Lower Upper

53 100

52 0.0 66.0 99.0#

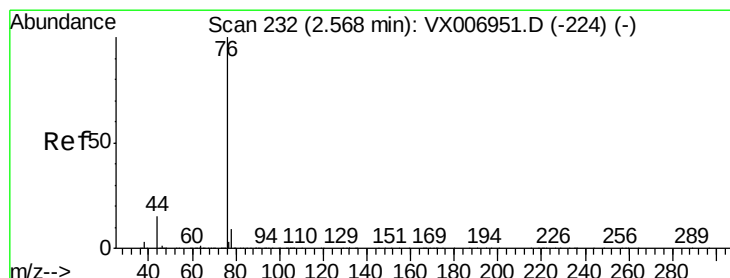
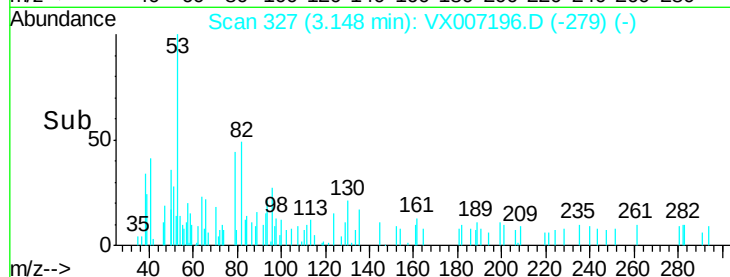
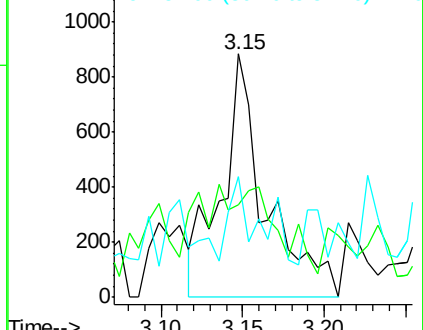
51 17.6 28.6 42.8#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#17

Carbon Disulfide

Concen: 0.218 ug/l

RT: 2.58 min Scan# 234

Delta R.T. 0.01 min

Lab File: VX007196.D

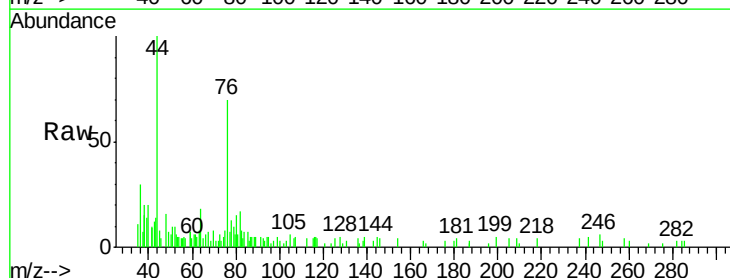
Acq: 24 Jan 2019 11:55

Tgt Ion: 76 Resp: 2994

Ion Ratio Lower Upper

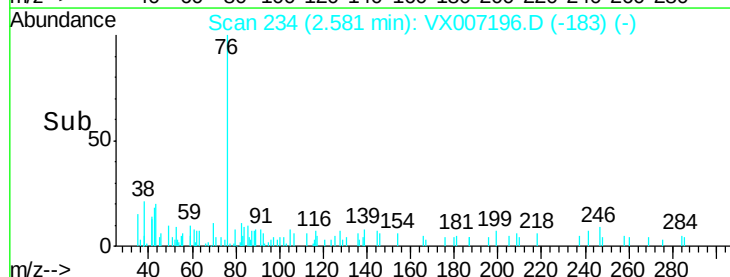
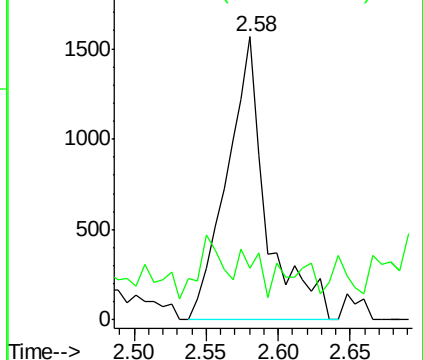
76 100

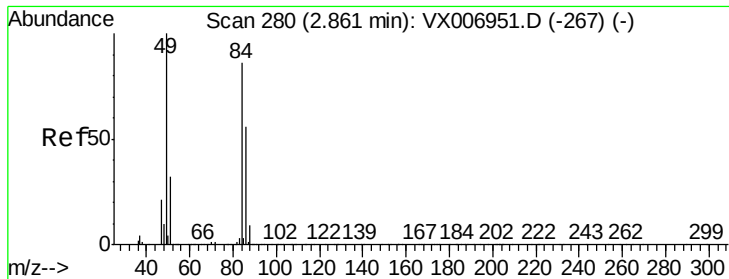
78 3.5 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

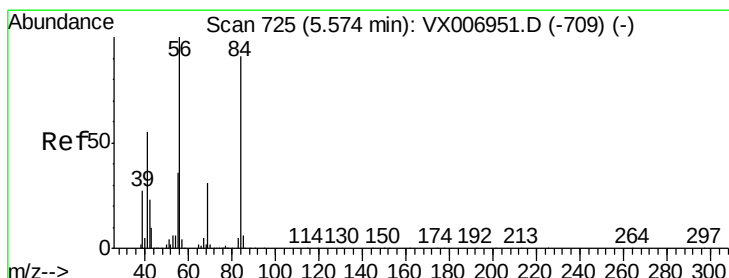
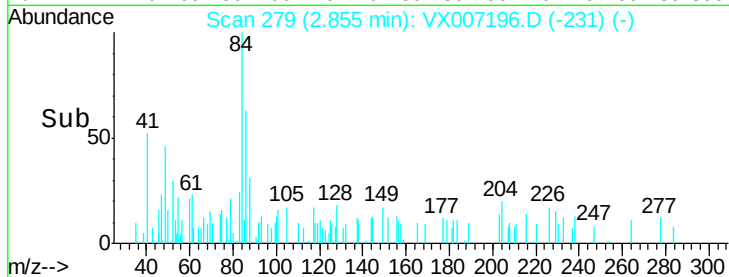
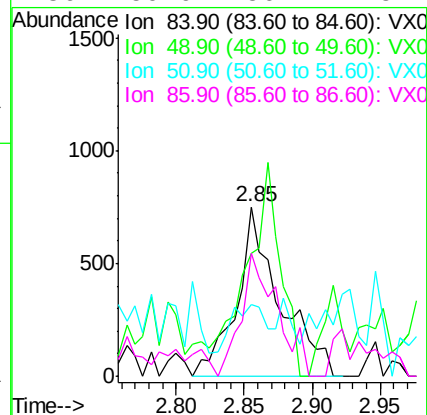
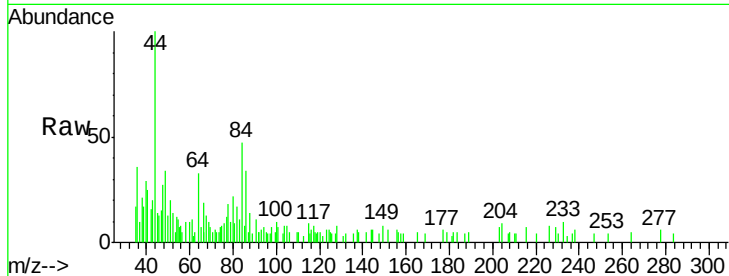




#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007196.D
Acq: 24 Jan 2019 11:55

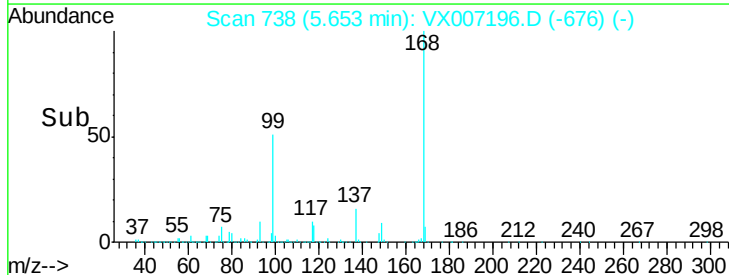
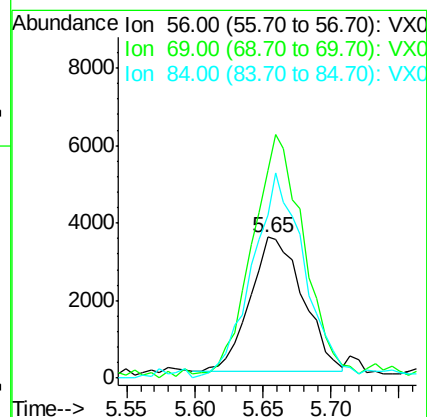
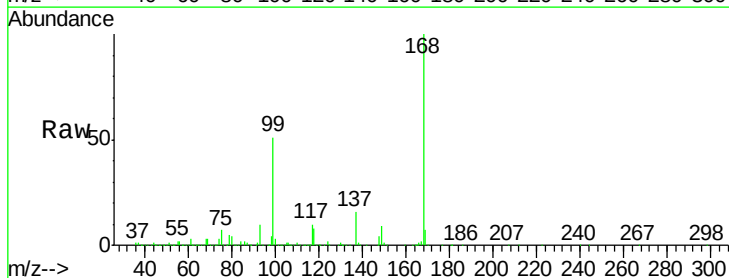
Instrument :
MSVOA_X
ClientSampled :
VX0124WBL01

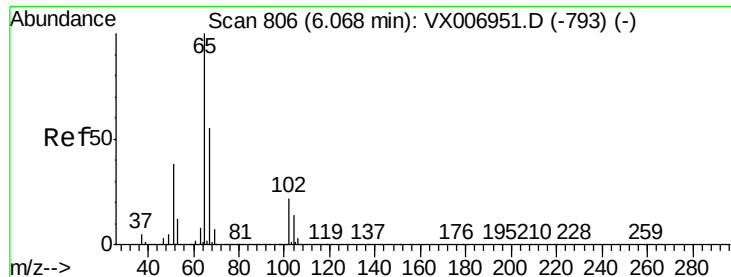
Tot Ion:	84	Resp:	1658
Ion	Ratio	Lower	Upper
84	100		
49	81.1	91.8	137.6#
51	0.0	28.5	42.7#
86	59.9	50.2	75.2



#31
Cyclohexane
Concen: 1.112 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.08 min
Lab File: VX007196.D
Acq: 24 Jan 2019 11:55

Tgt Ion:	56	Resp:	9501
Ion	Ratio	Lower	Upper
56	100		
69	151.5	24.4	36.6#
84	118.4	70.0	105.0#

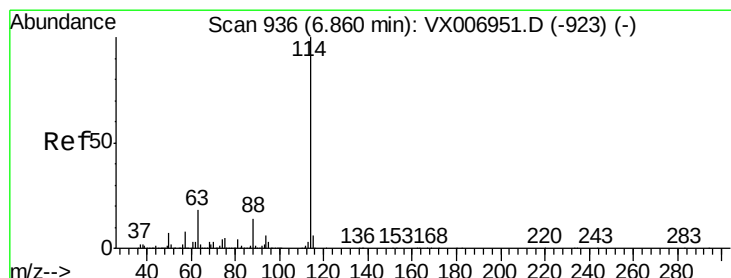
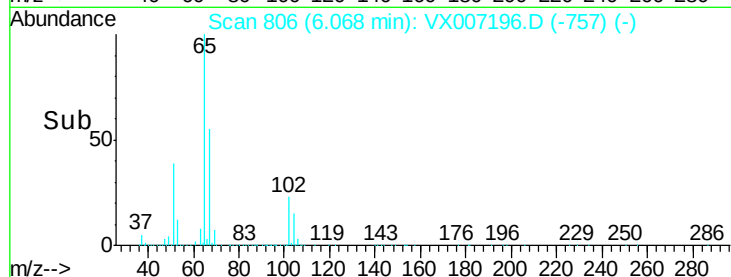
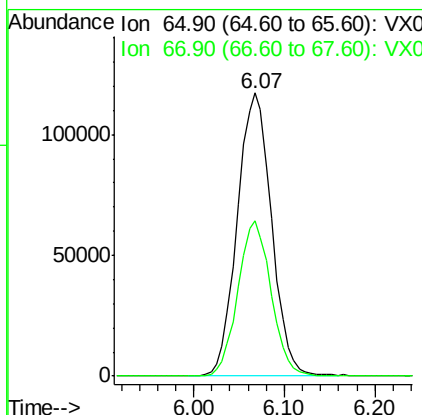
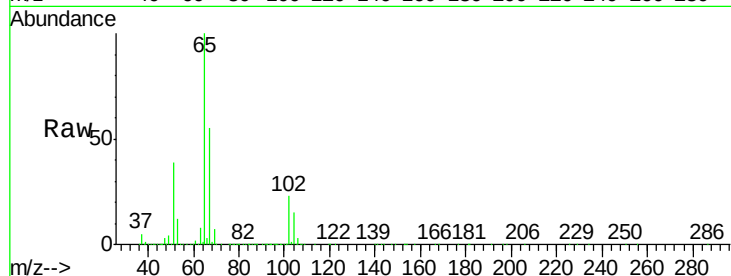




#33
 1,2-Dichloroethane-d4
 Concen: 50.593 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007196.D
 Acq: 24 Jan 2019 11:55

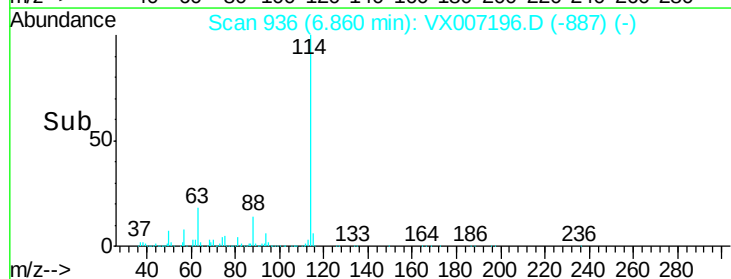
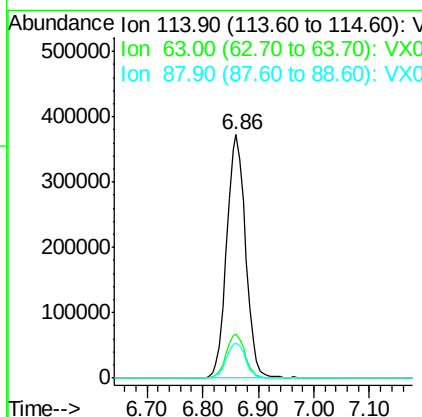
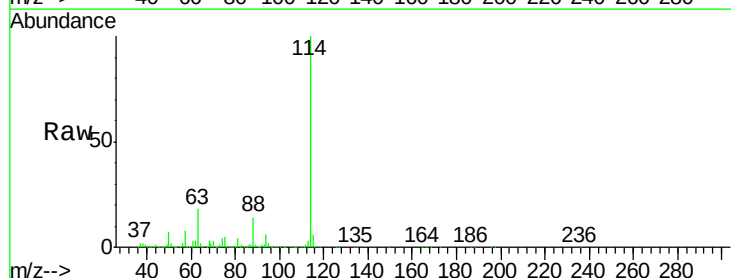
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBL01

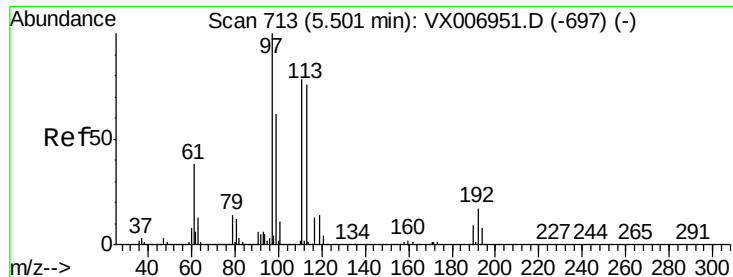
Tot Ion: 65 Resp: 306519
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007196.D
 Acq: 24 Jan 2019 11:55

Tgt Ion: 114 Resp: 875223
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 34.8
 88 14.2 0.0 28.8





#35

Dibromofluoromethane

Concen: 50.173 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007196.D

Acq: 24 Jan 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBL01

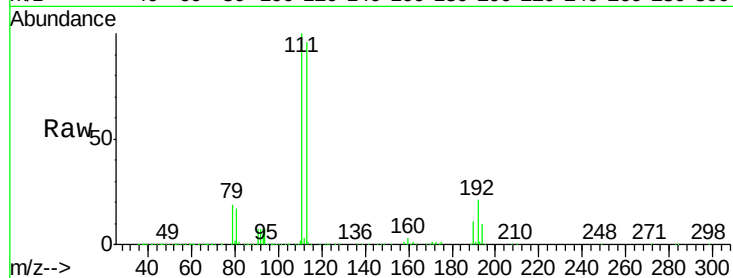
Tot Ion:113 Resp: 281211

Ion Ratio Lower Upper

113 100

111 101.9 81.6 122.4

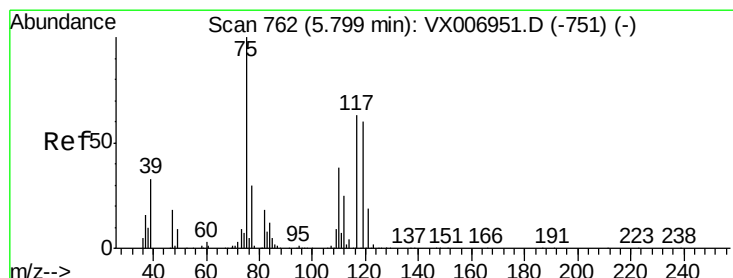
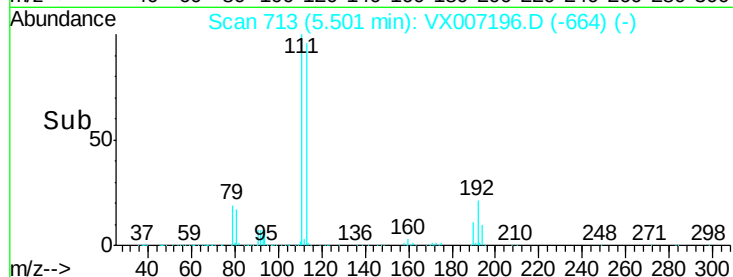
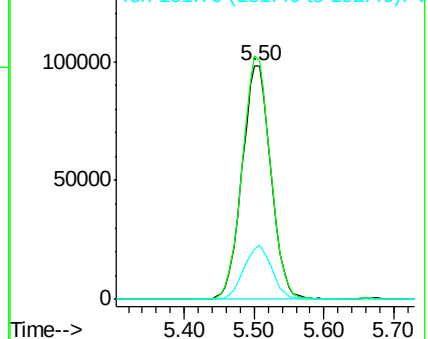
192 22.5 16.7 25.1



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: 4.702 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX007196.D

Acq: 24 Jan 2019 11:55

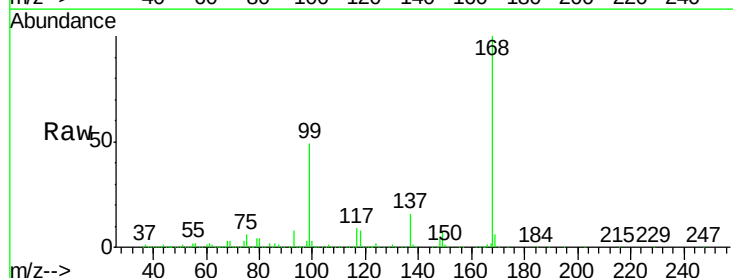
Tgt Ion: 75 Resp: 35776

Ion Ratio Lower Upper

75 100

110 10.7 20.2 60.5#

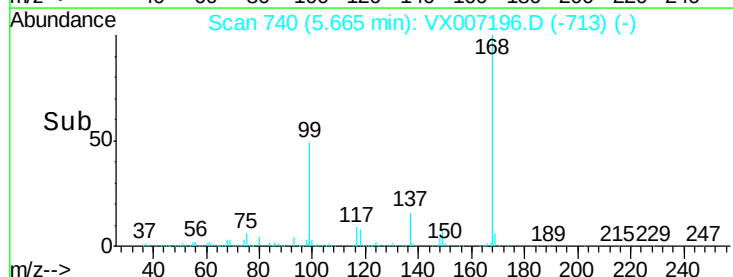
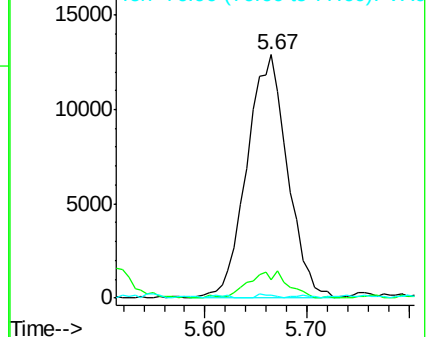
77 0.7 24.8 37.2#

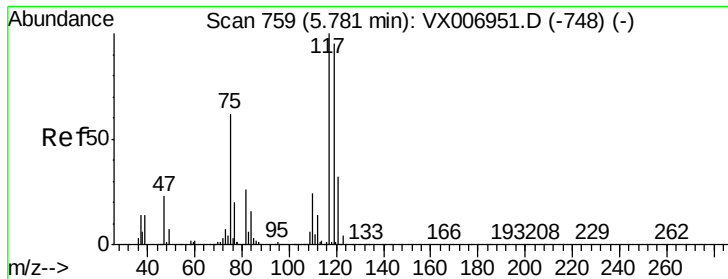


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.839 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX007196.D

Acq: 24 Jan 2019 11:55

Instrument :

MSVOA_X

ClientSampled :

VX0124WBL01

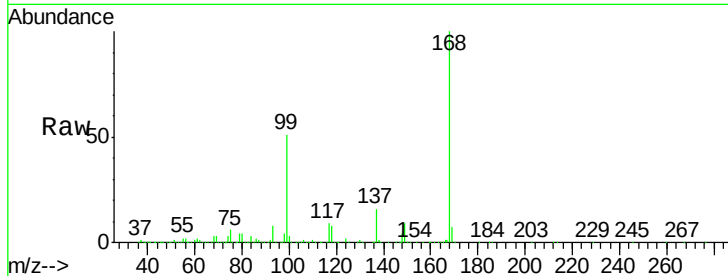
Tot Ion:117 Resp: 52361

Ion Ratio Lower Upper

117 100

119 4.1 79.4 119.2#

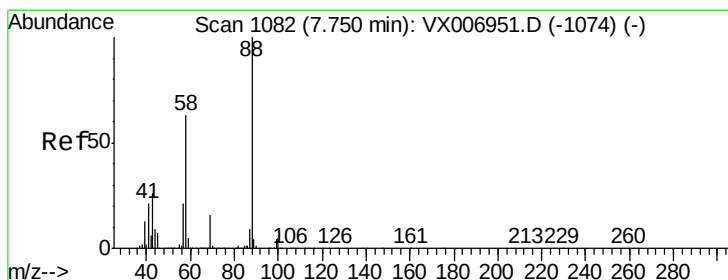
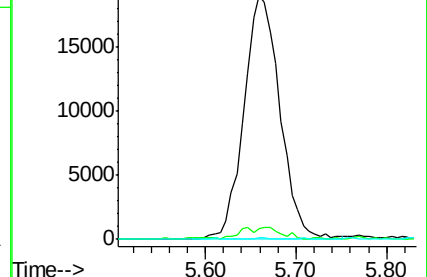
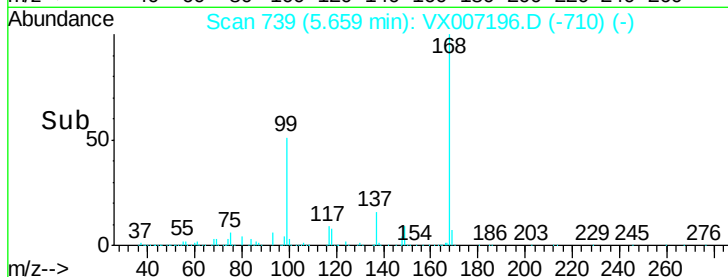
121 0.5 24.0 36.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#49

1,4-Dioxane

Concen: Below Cal

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX007196.D

Acq: 24 Jan 2019 11:55

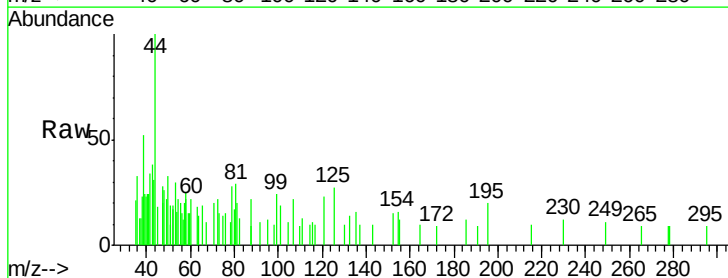
Tgt Ion: 88 Resp: 156

Ion Ratio Lower Upper

88 100

43 142.3 22.2 33.4#

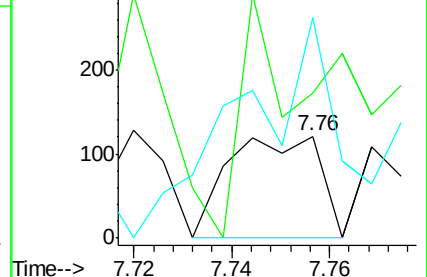
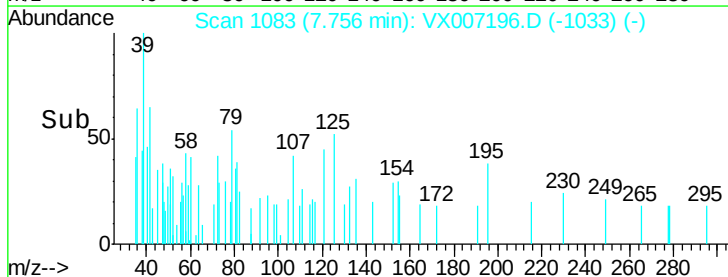
58 134.0 51.0 76.4#

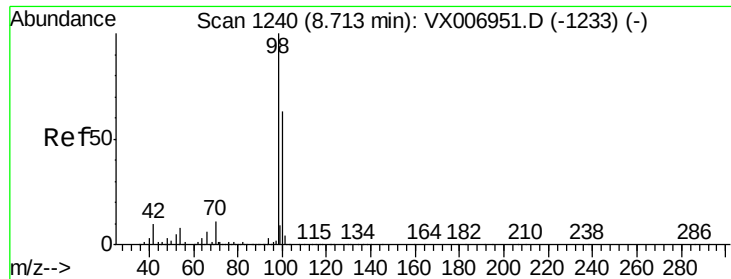


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

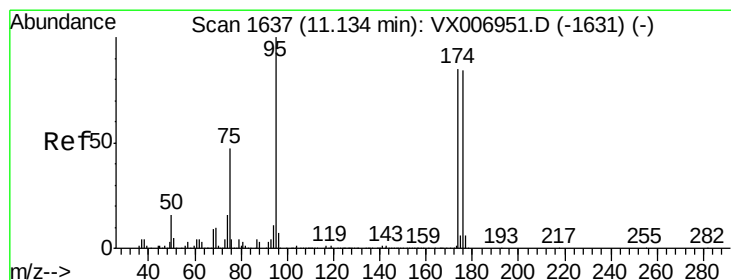
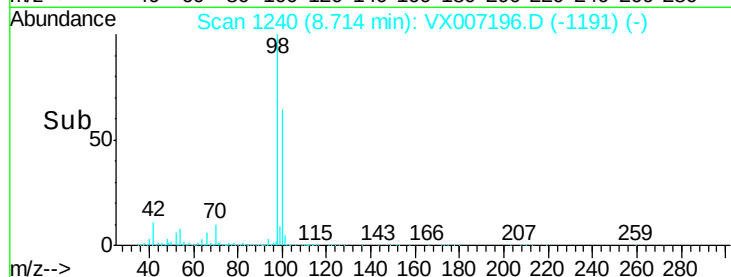
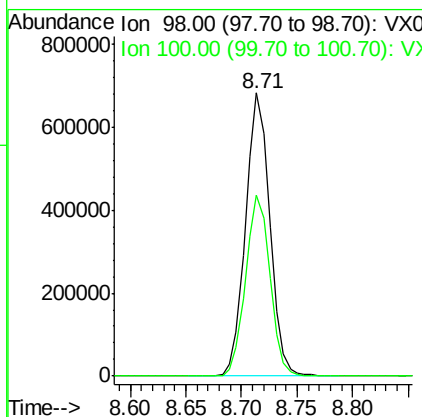
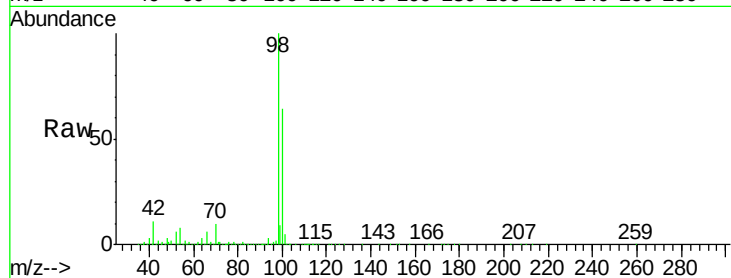




#50
Toluene-d8
Concen: 50.518 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007196.D
Acq: 24 Jan 2019 11:55

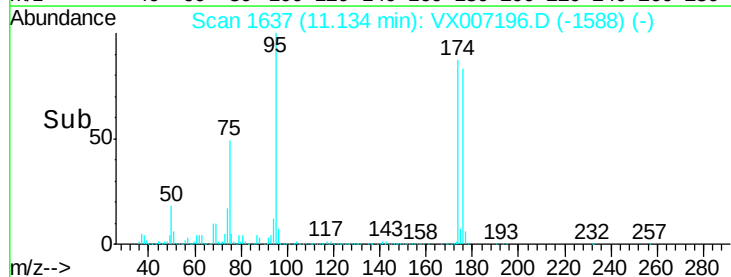
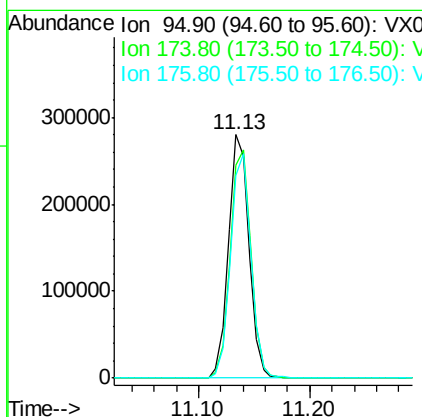
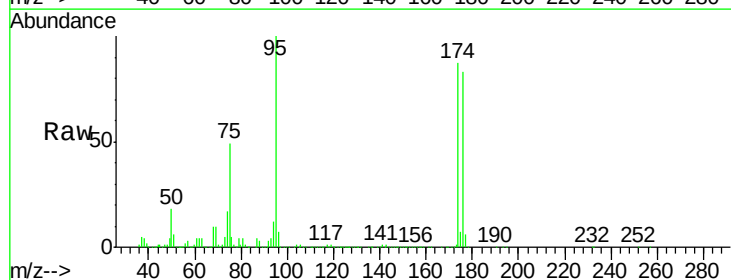
Instrument :
MSVOA_X
ClientSampleId :
VX0124WBL01

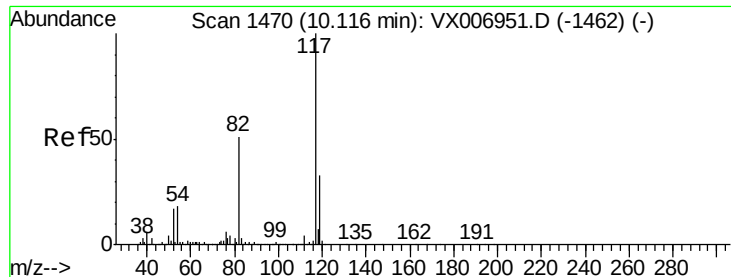
Tot Ion: 98 Resp: 1036412
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.734 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007196.D
Acq: 24 Jan 2019 11:55

Tgt Ion: 95 Resp: 355708
Ion Ratio Lower Upper
95 100
174 94.8 0.0 182.2
176 92.0 0.0 178.8

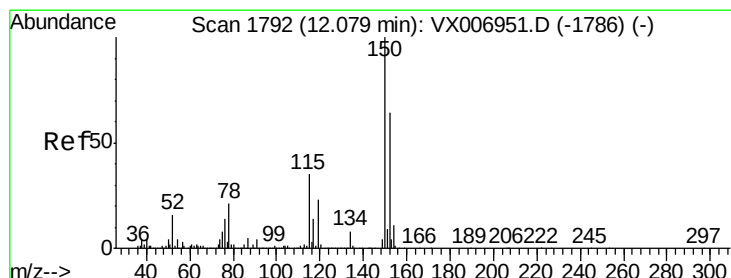
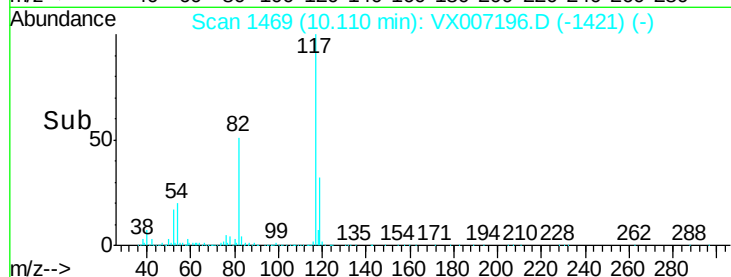
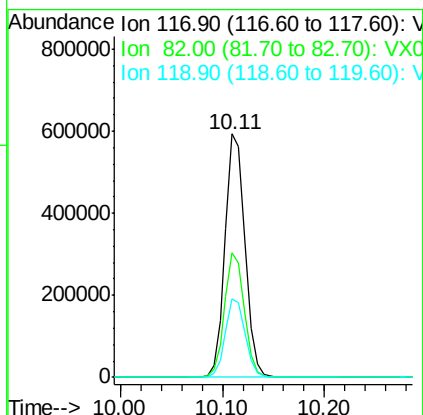
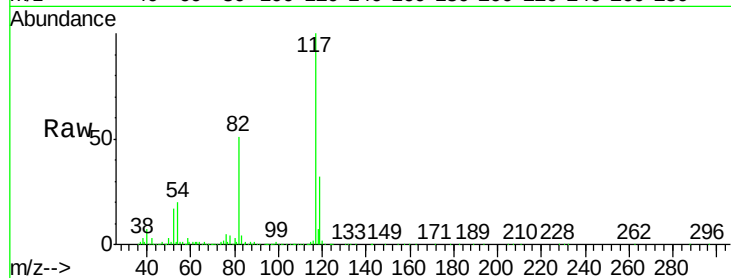




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007196.D
Acq: 24 Jan 2019 11:55

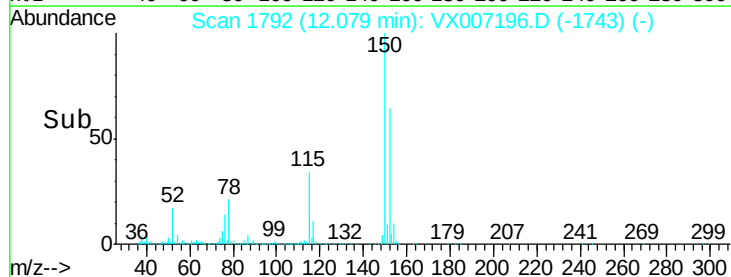
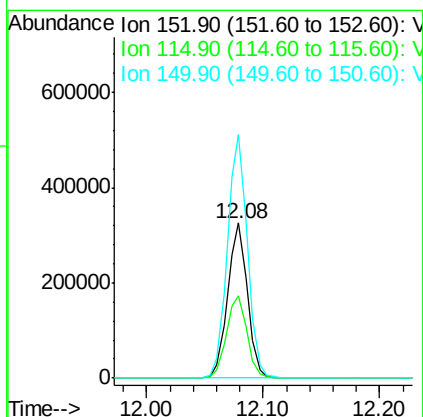
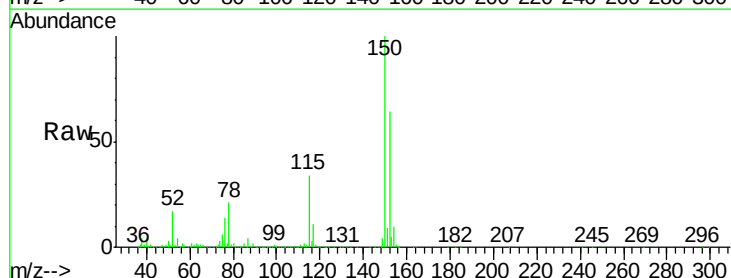
Instrument :
MSVOA_X
ClientSampleId :
VX0124WBL01

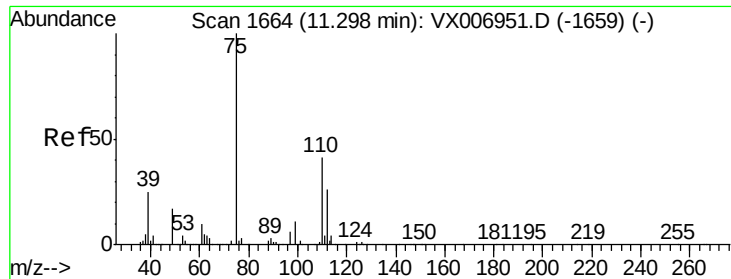
Tot Ion:117 Resp: 804547
Ion Ratio Lower Upper
117 100
82 51.1 41.0 61.6
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007196.D
Acq: 24 Jan 2019 11:55

Tgt Ion:152 Resp: 381694
Ion Ratio Lower Upper
152 100
115 55.0 39.1 117.2
150 158.5 0.0 344.8





#76

1,2,3-Trichloropropane

Concen: 22.034 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007196.D

Acq: 24 Jan 2019 11:55

Instrument :

MSVOA_X

ClientSampled :

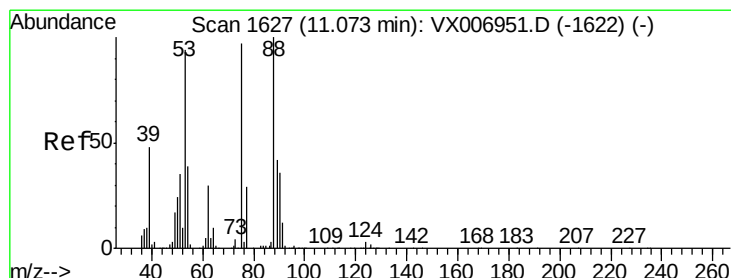
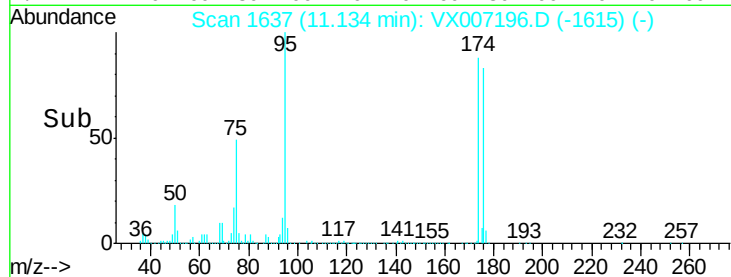
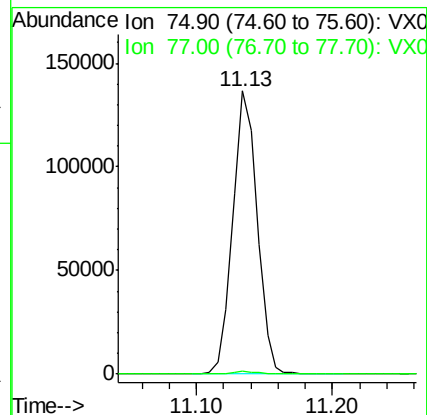
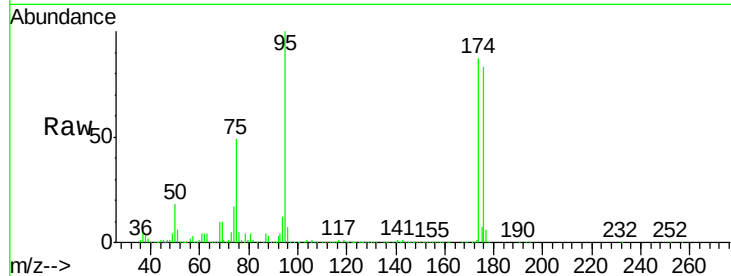
VX0124WBL01

Tot Ion: 75 Resp: 170429

Ion Ratio Lower Upper

75 100

77 1.2 18.5 55.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.247 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007196.D

Acq: 24 Jan 2019 11:55

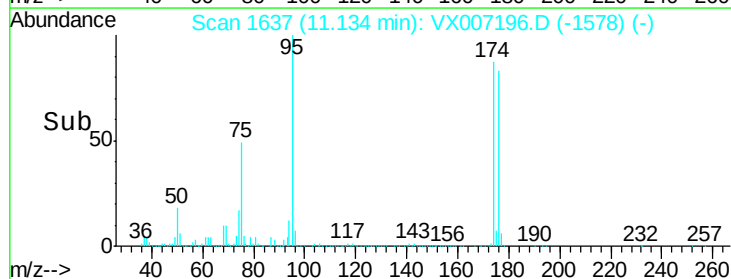
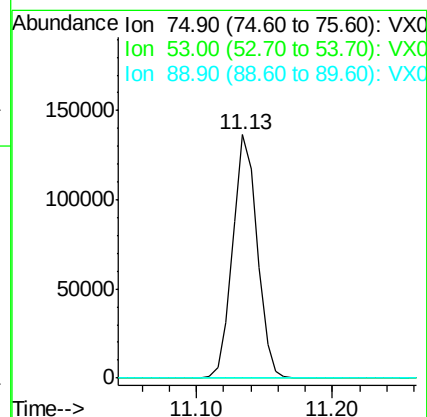
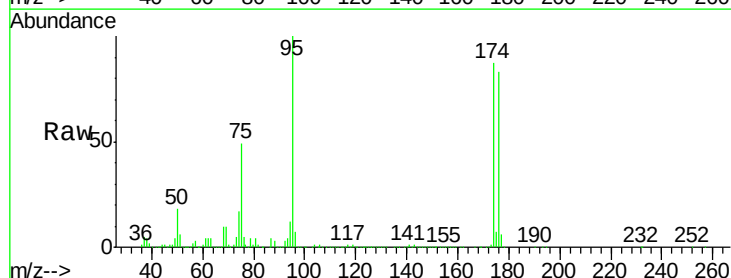
Tgt Ion: 75 Resp: 170429

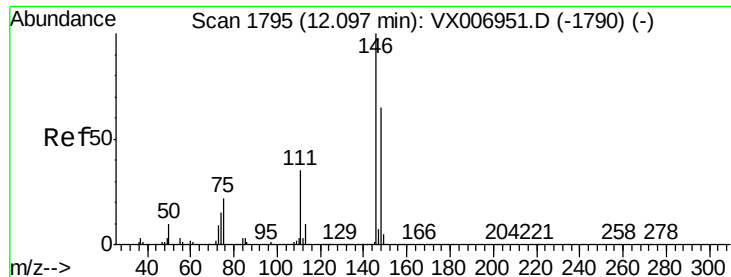
Ion Ratio Lower Upper

75 100

53 0.3 79.7 119.5#

89 0.1 38.0 57.0#





#88

1,4-Dichlorobenzene

Concen: 0.225 ug/l

RT: 12.03 min Scan# 1784

Delta R.T. -0.07 min

Lab File: VX007196.D

Acq: 24 Jan 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBL01

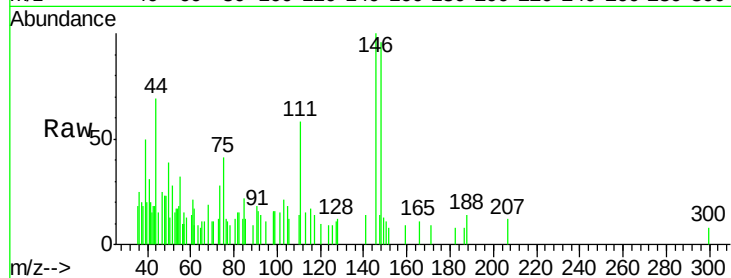
Tot Ion:146 Resp: 1025

Ion Ratio Lower Upper

146 100

111 43.5 18.1 54.1

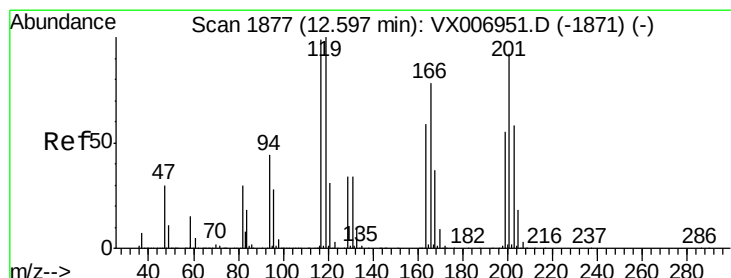
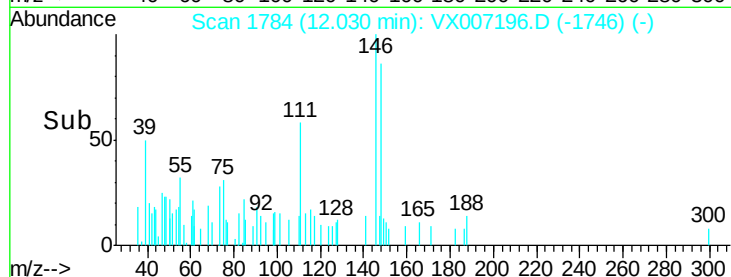
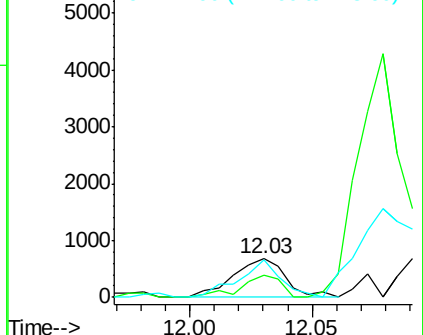
148 76.8 31.9 95.9



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



#90

Hexachloroethane

Concen: 2.915 ug/l

RT: 12.58 min Scan# 1874

Delta R.T. -0.02 min

Lab File: VX007196.D

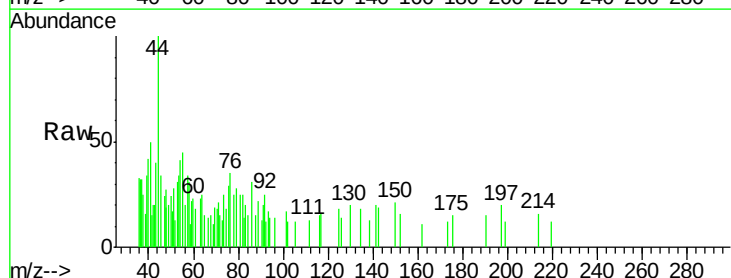
Acq: 24 Jan 2019 11:55

Tgt Ion:117 Resp: 28

Ion Ratio Lower Upper

117 100

201 164.3 42.9 128.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

