

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010319\
 Data File : VX006886.D
 Acq On : 03 Jan 2019 11:26
 Operator : JC/MD
 Sample : VX0103MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103MBL01

Quant Time: Jan 04 00:18:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	702428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1066877	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	946584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	456845	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	364027	48.09	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.18%		
35) Dibromofluoromethane	5.50	113	321374	47.63	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.26%		
50) Toluene-d8	8.71	98	1222424	48.06	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.12%		
62) 4-Bromofluorobenzene	11.13	95	430584	46.22	ug/l	0.00
Spiked Amount 50.000			Recovery =	92.44%		

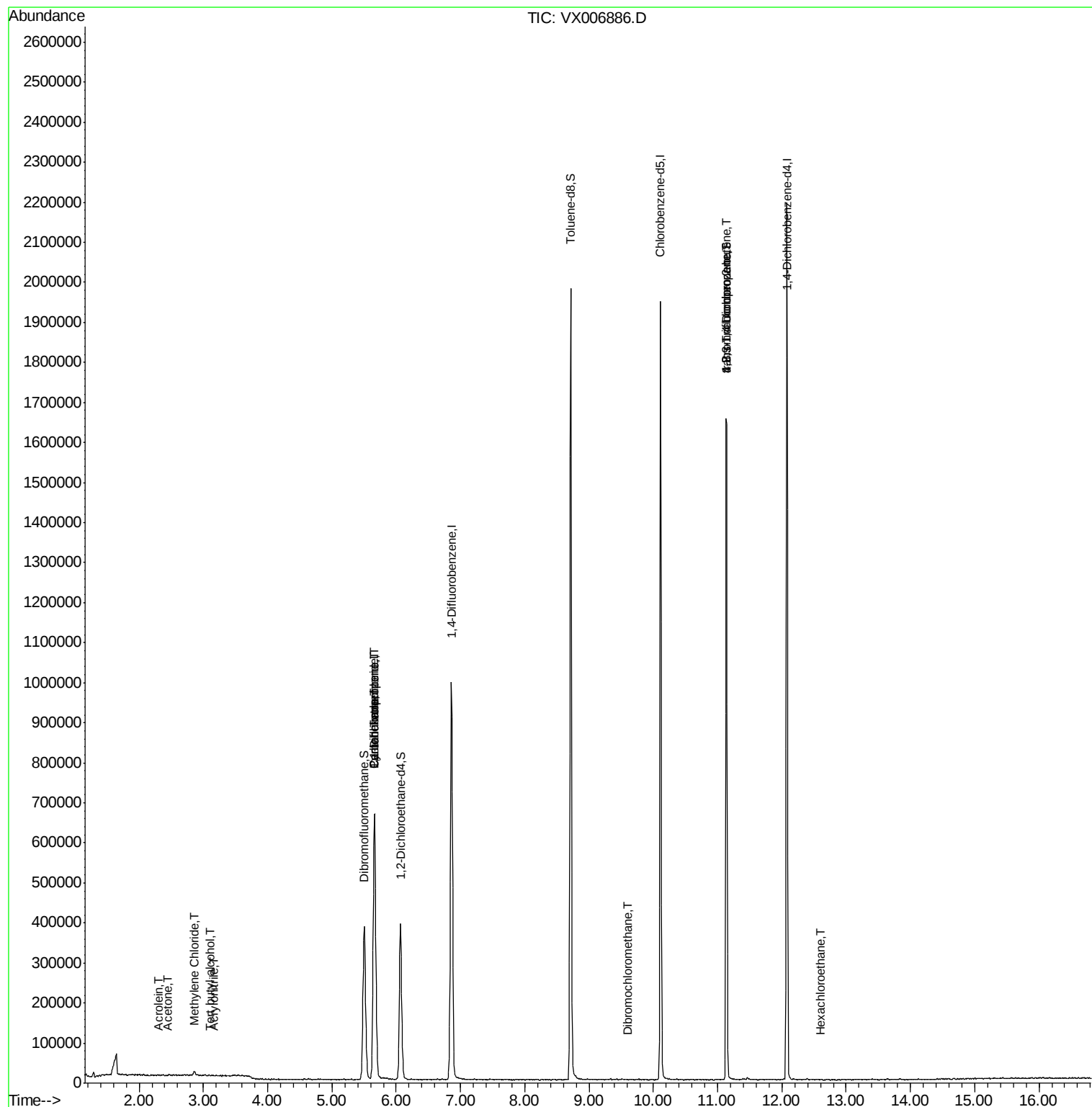
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	1752	Below Cal	#	60
11) Tert butyl alcohol	3.10	59	542	0.321	ug/l #	77
13) Acrolein	2.30	56	521	0.457	ug/l #	79
15) Acrylonitrile	3.17	53	842	0.224	ug/l #	17
16) Acetone	2.45	43	951	0.273	ug/l	98
20) Methylene Chloride	2.85	84	5617	0.781	ug/l #	90
28) Bromochloromethane	5.01	49	82	Below Cal	#	1
31) Cyclohexane	5.66	56	12261	1.170	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	44993	5.092	ug/l #	39
38) Carbon Tetrachloride	5.66	117	62804	7.314	ug/l #	15
49) 1,4-Dioxane	7.74	88	24	Below Cal	#	1
60) Dibromochloromethane	9.60	129	23	2.327	ug/l	90
76) 1,2,3-Trichloropropane	11.13	75	206240	24.292	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	206240	71.902	ug/l #	10
90) Hexachloroethane	12.60	117	44	3.303	ug/l	56

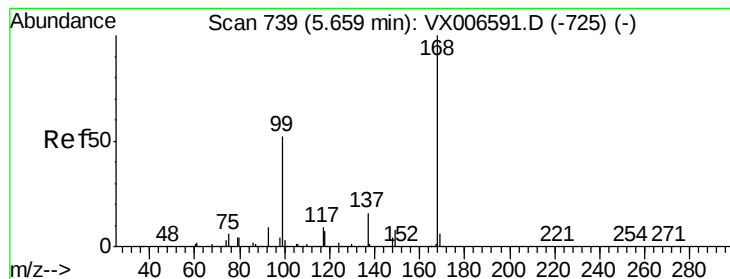
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX010319\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006886.D

Acq: 03 Jan 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

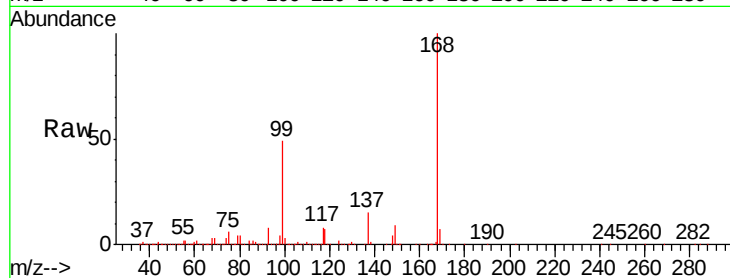
VX0103MBL01

Tgt Ion:168 Resp: 702428

Ion Ratio Lower Upper

168 100

99 48.8 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): VX006591.D (-725) (-)

Ion 98.90 (98.60 to 99.60): VX006591.D (-725) (-)

5.66

250000

200000

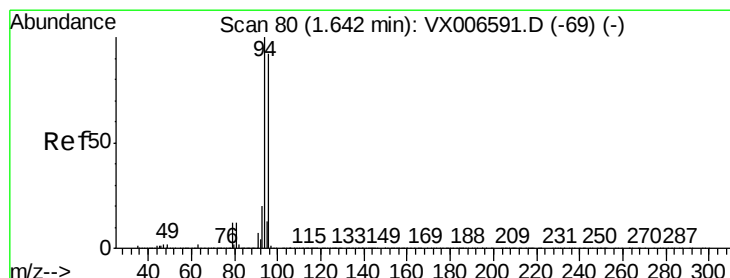
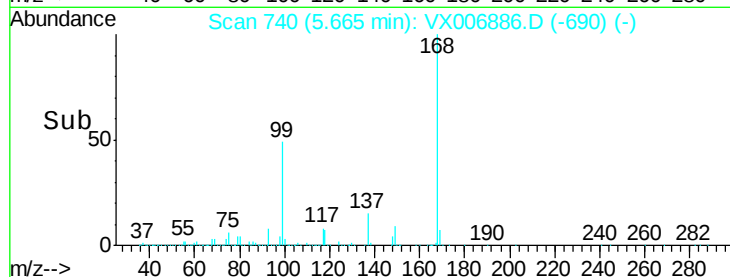
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006886.D

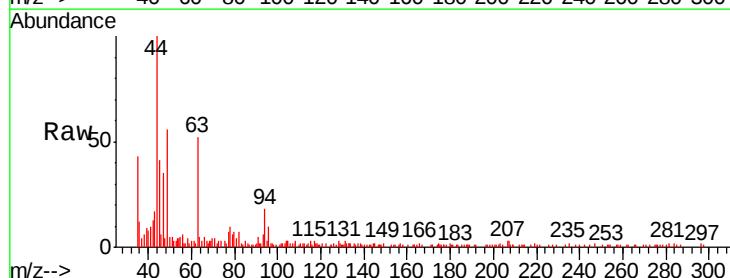
Acq: 03 Jan 2019 11:26

Tgt Ion: 94 Resp: 1752

Ion Ratio Lower Upper

94 100

96 53.8 73.4 110.2#



Abundance Ion 93.90 (93.60 to 94.60): VX006591.D (-69) (-)

Ion 95.90 (95.60 to 96.60): VX006591.D (-69) (-)

1.64

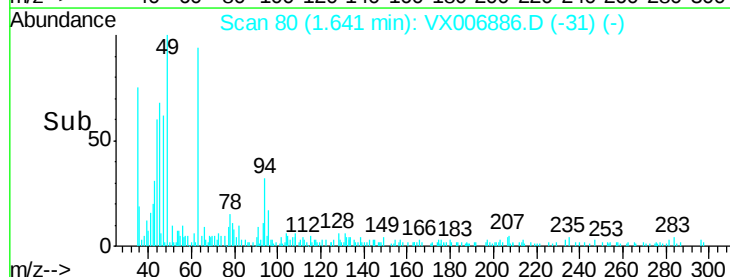
1500

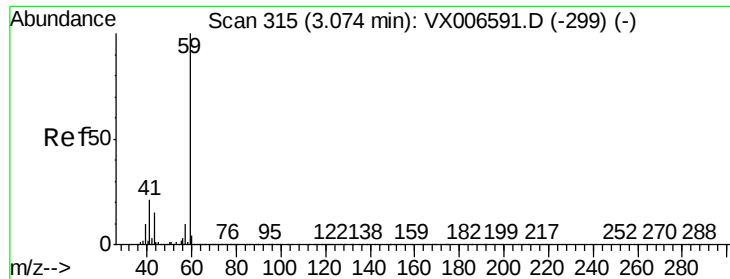
1000

500

0

Time-->

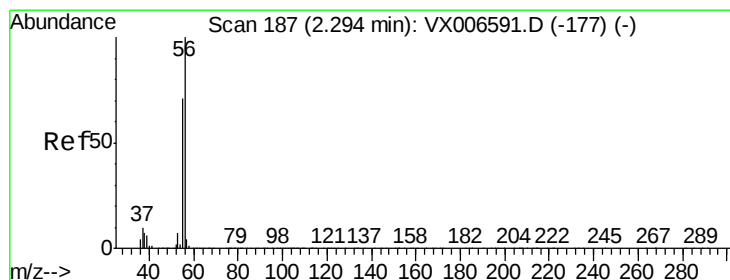
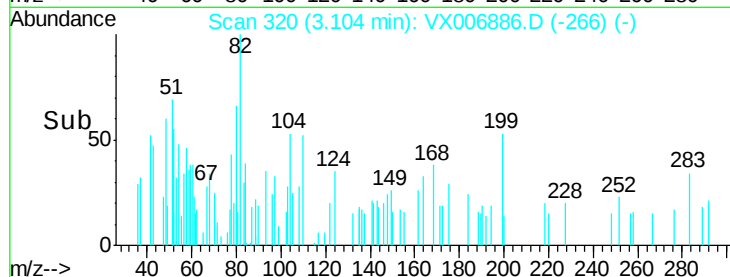
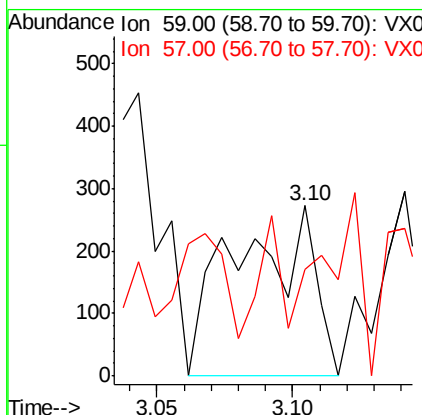
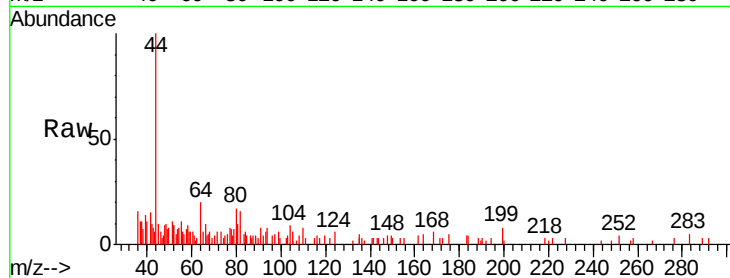




#11
Tert butyl alcohol
Concen: 0.321 ug/l
RT: 3.10 min Scan# 320
Delta R.T. 0.03 min
Lab File: VX006886.D
Acq: 03 Jan 2019 11:26

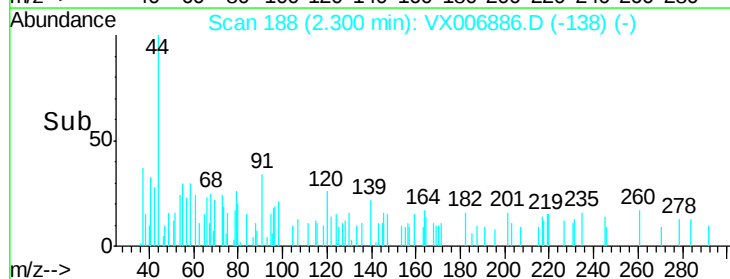
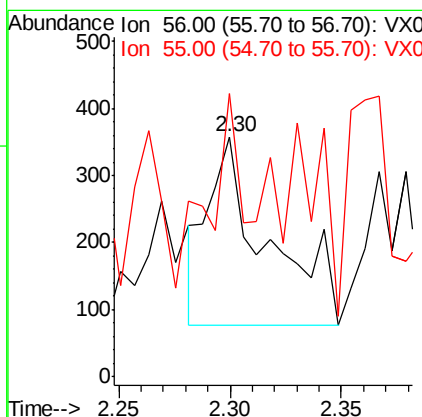
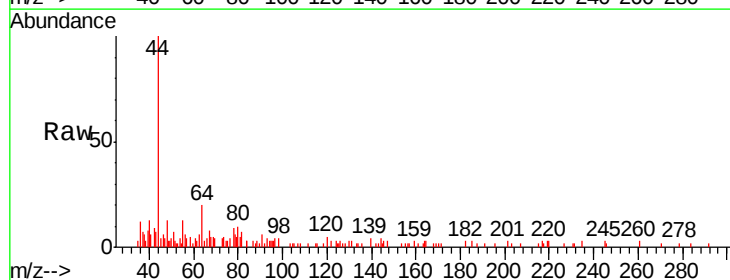
Instrument :
MSVOA_X
ClientSampled :
VX0103MBL01

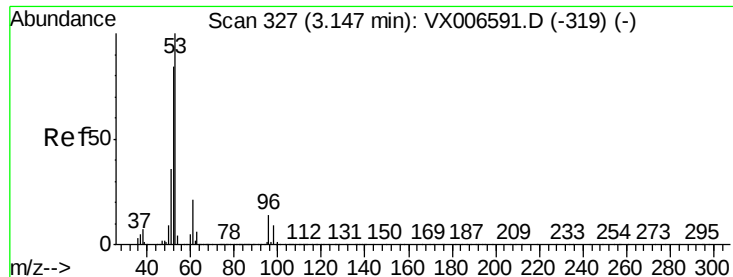
Tgt Ion: 59 Resp: 542
Ion Ratio Lower Upper
59 100
57 19.2 8.5 12.7#



#13
Acrolein
Concen: 0.457 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX006886.D
Acq: 03 Jan 2019 11:26

Tgt Ion: 56 Resp: 521
Ion Ratio Lower Upper
56 100
55 90.8 58.2 87.4#





#15

Acrylonitrile

Concen: 0.224 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.02 min

Lab File: VX006886.D

Acq: 03 Jan 2019 11:26

Instrument :

MSVOA_X

ClientSampled :

VX0103MBL01

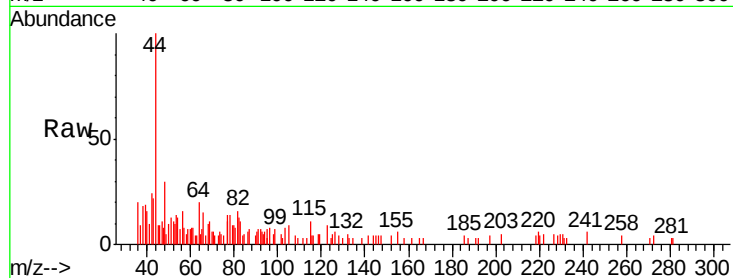
Tgt Ion: 53 Resp: 842

Ion Ratio Lower Upper

53 100

52 0.0 66.0 99.0#

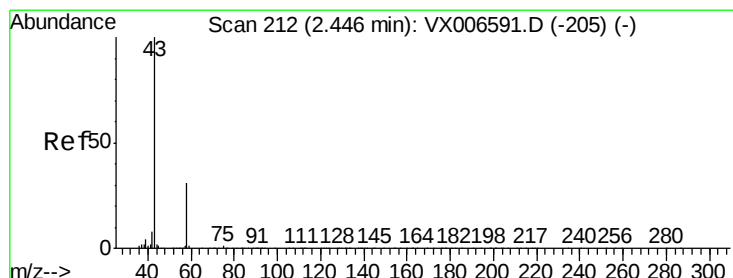
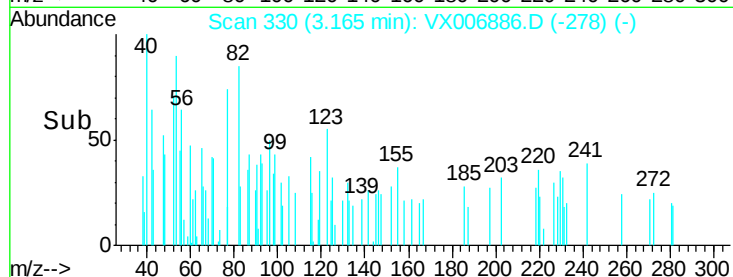
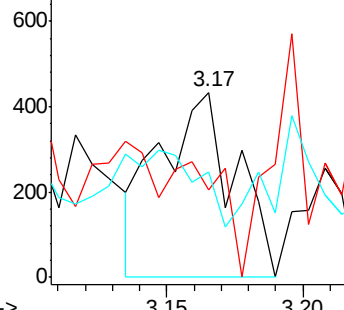
51 0.0 28.6 42.8#



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



#16

Acetone

Concen: 0.273 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006886.D

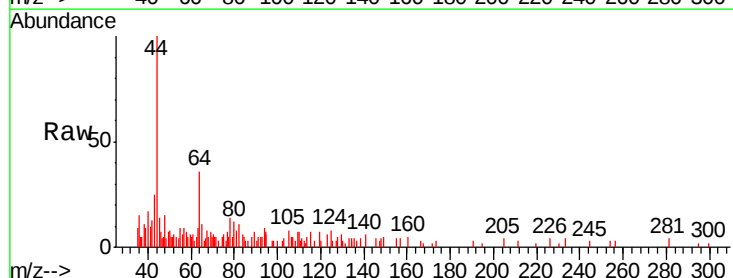
Acq: 03 Jan 2019 11:26

Tgt Ion: 43 Resp: 951

Ion Ratio Lower Upper

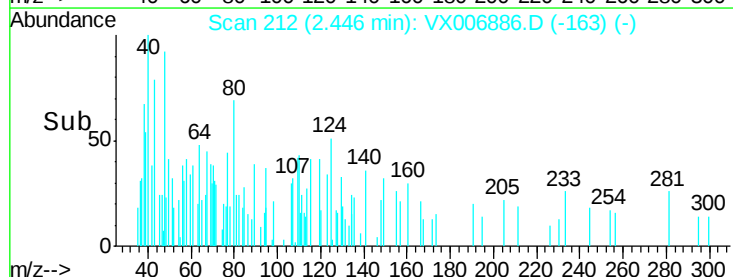
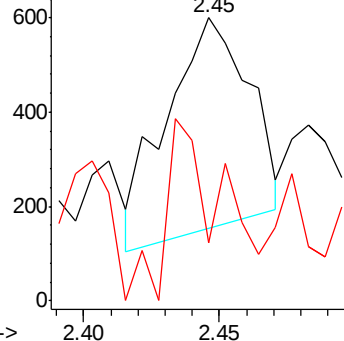
43 100

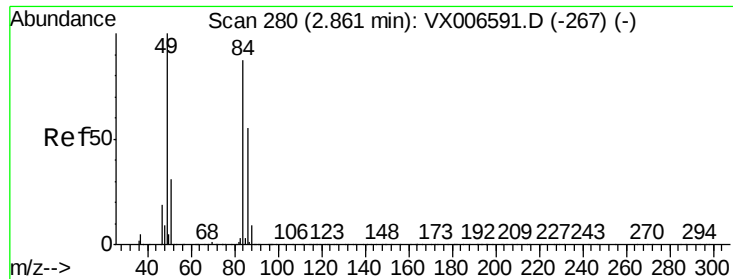
58 30.4 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

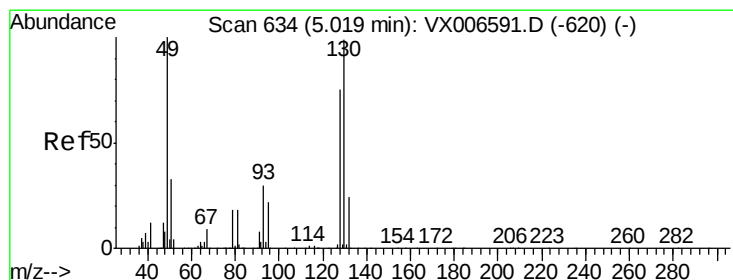
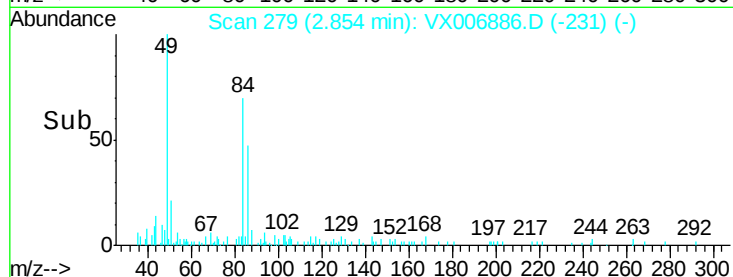
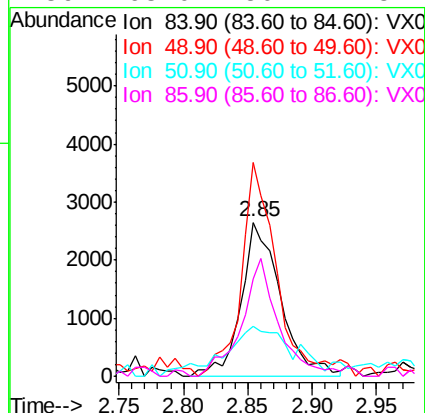
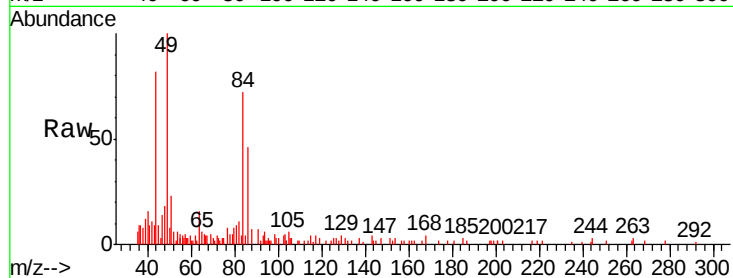




#20
Methylene Chloride
Concen: 0.781 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006886.D
Acq: 03 Jan 2019 11:26

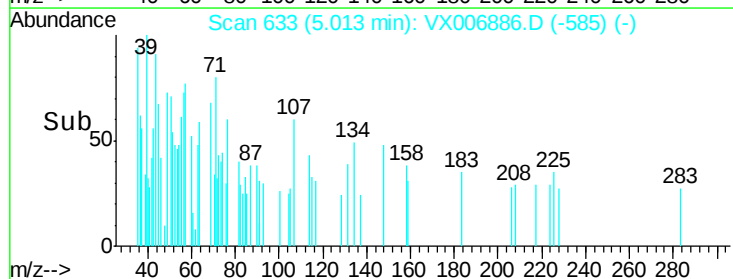
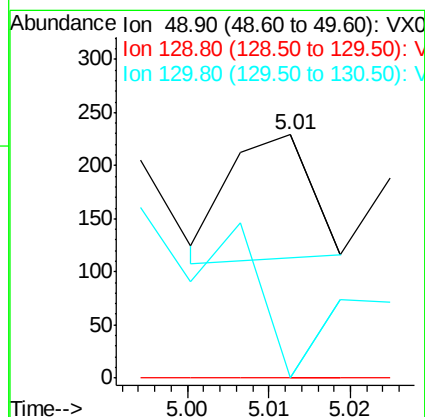
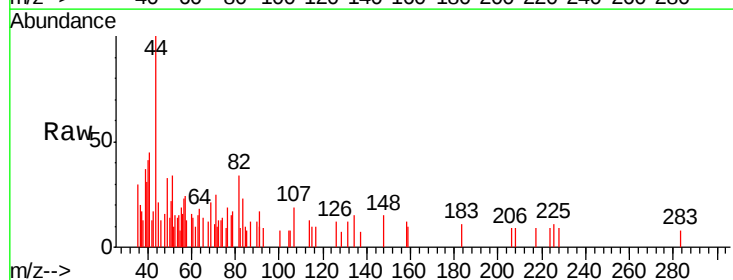
Instrument :
MSVOA_X
ClientSampleId :
VX0103MBL01

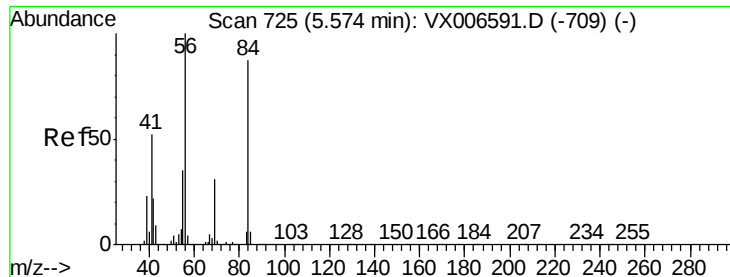
Tgt Ion:	84	Resp:	5617
Ion	Ratio	Lower	Upper
84	100		
49	127.7	91.8	137.6
51	23.7	28.5	42.7#
86	63.0	50.2	75.2



#28
Bromochloromethane
Concen: Below Cal
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX006886.D
Acq: 03 Jan 2019 11:26

Tgt Ion:	49	Resp:	82
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.4
130	236.6	77.7	116.5#

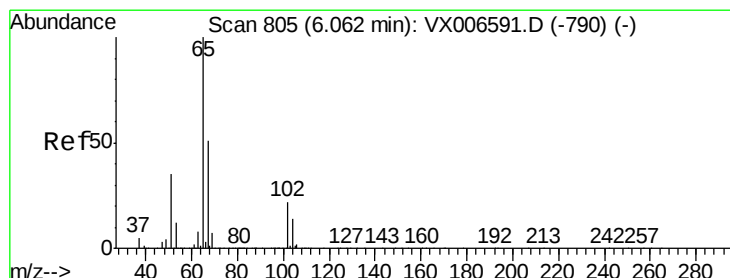
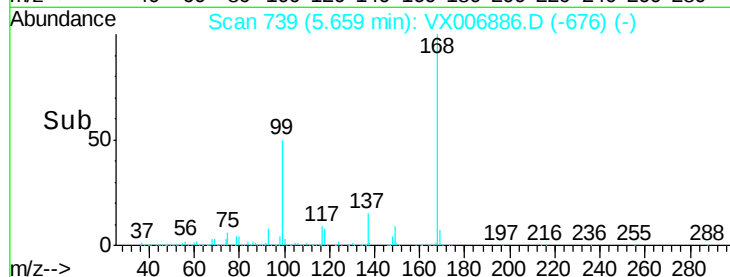
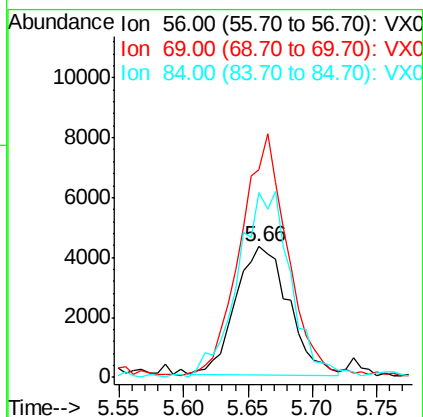
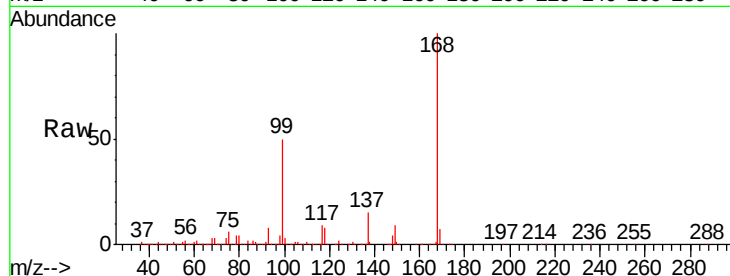




#31
Cyclohexane
Concen: 1.170 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX006886.D
Acq: 03 Jan 2019 11:26

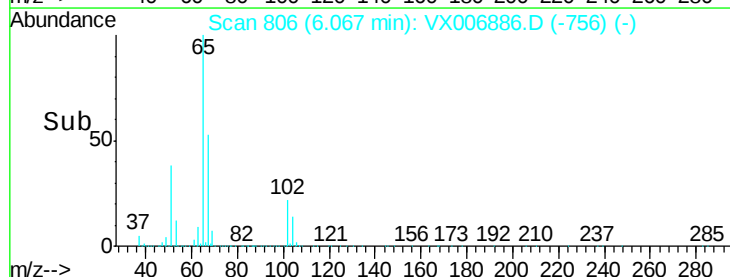
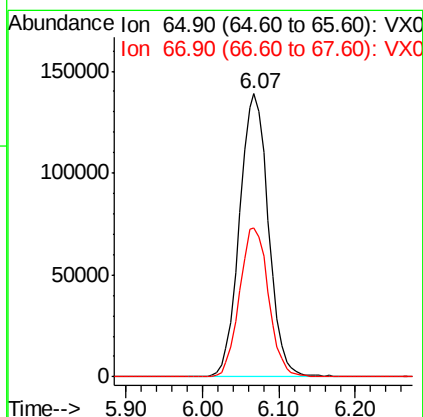
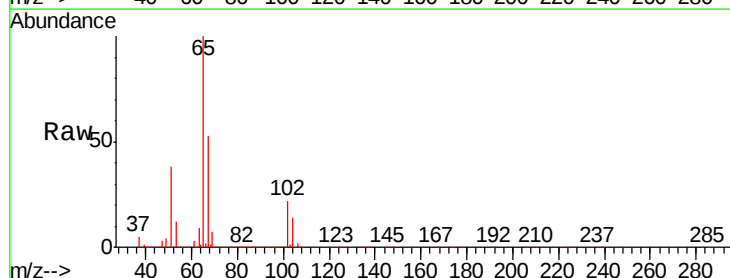
Instrument :
MSVOA_X
ClientSampled :
VX0103MBL01

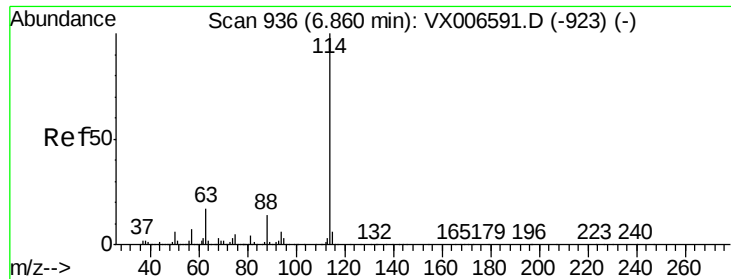
Tgt Ion: 56 Resp: 12261
Ion Ratio Lower Upper
56 100
69 159.3 24.4 36.6#
84 144.9 70.0 105.0#



#33
1,2-Dichloroethane-d4
Concen: 48.085 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006886.D
Acq: 03 Jan 2019 11:26

Tgt Ion: 65 Resp: 364027
Ion Ratio Lower Upper
65 100
67 52.9 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: VX006886.D

Acq: 03 Jan 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0103MBL01

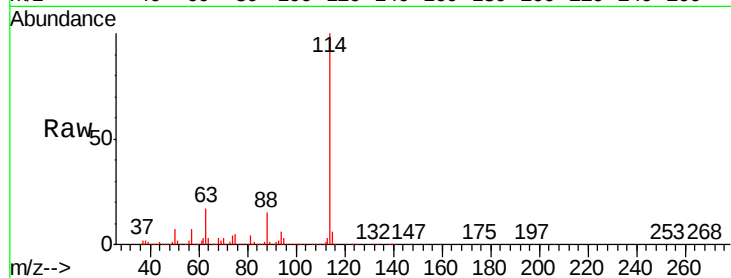
Tgt Ion:114 Resp: 1066877

Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.8

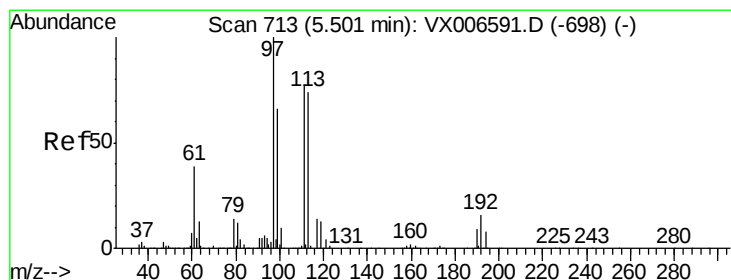
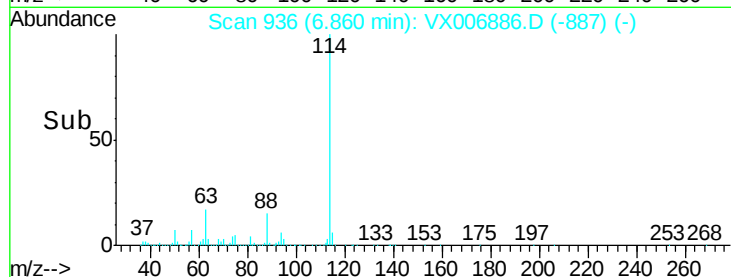
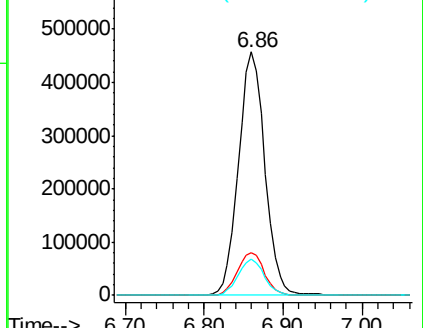
88 14.9 0.0 28.8



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: 47.634 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006886.D

Acq: 03 Jan 2019 11:26

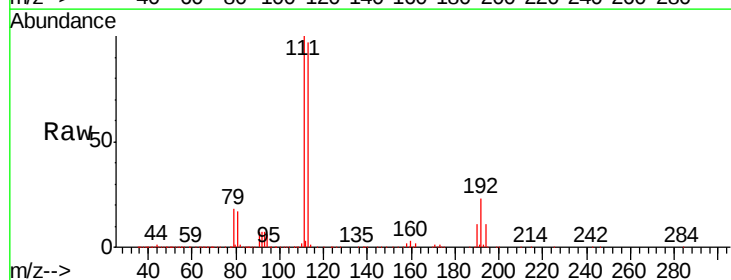
Tgt Ion:113 Resp: 321374

Ion Ratio Lower Upper

113 100

111 103.8 81.6 122.4

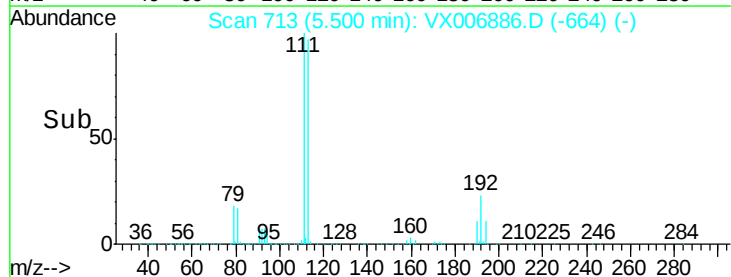
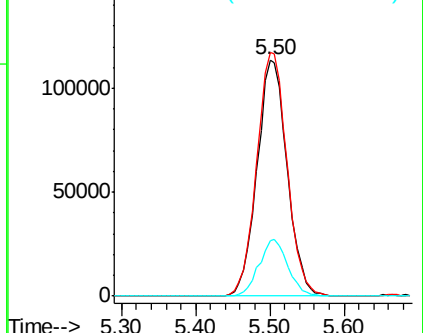
192 23.2 16.7 25.1

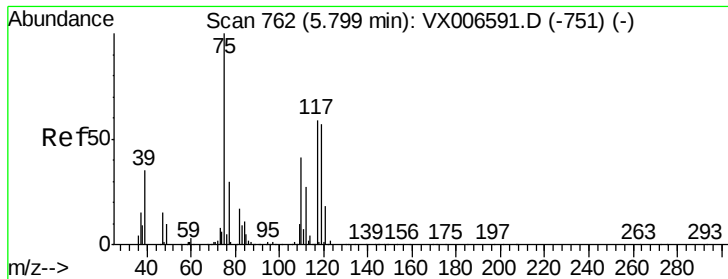


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

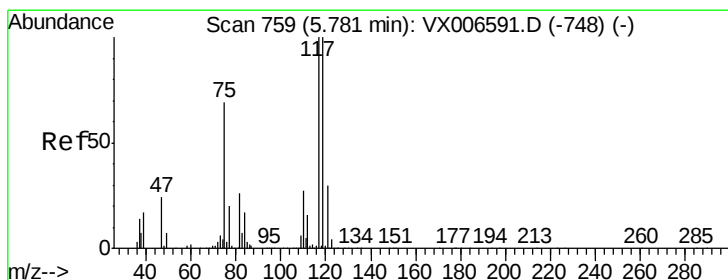
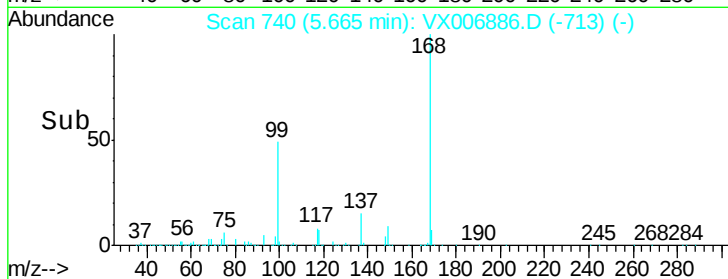
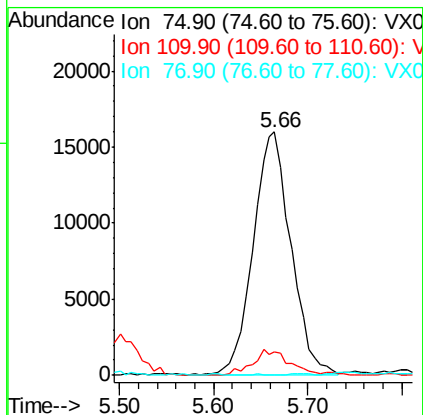
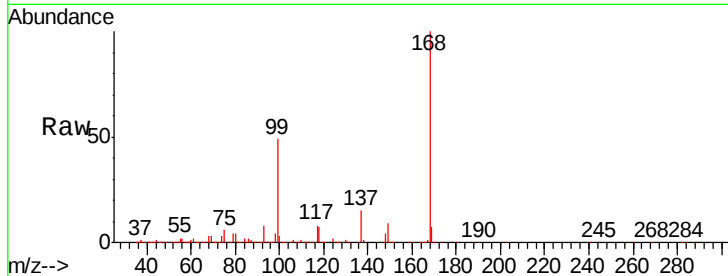




#36
 1,1-Dichloropropene
 Concen: 5.092 ug/l
 RT: 5.66 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX006886.D
 Acq: 03 Jan 2019 11:26

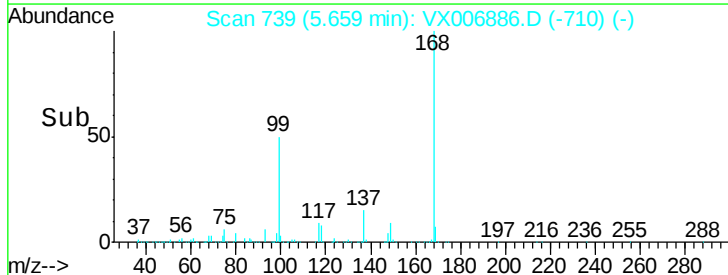
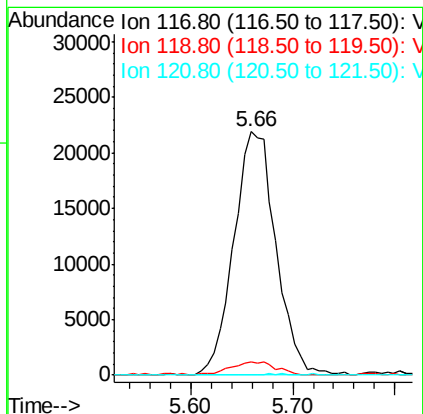
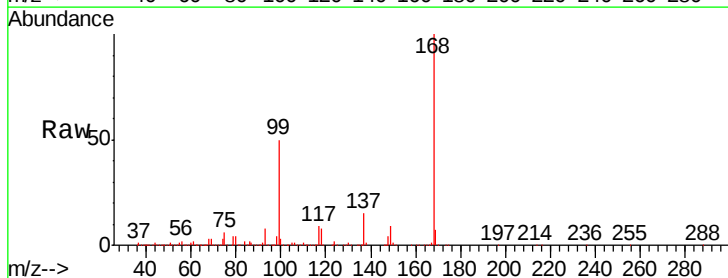
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103MBL01

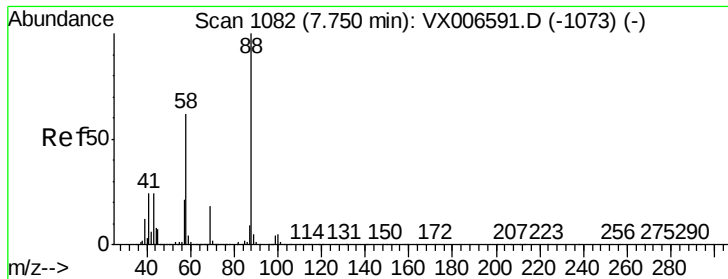
Tgt Ion: 75 Resp: 44993
 Ion Ratio Lower Upper
 75 100
 110 0.0 20.2 60.5#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 7.314 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX006886.D
 Acq: 03 Jan 2019 11:26

Tgt Ion: 117 Resp: 62804
 Ion Ratio Lower Upper
 117 100
 119 5.3 79.4 119.2#
 121 0.0 24.0 36.0#

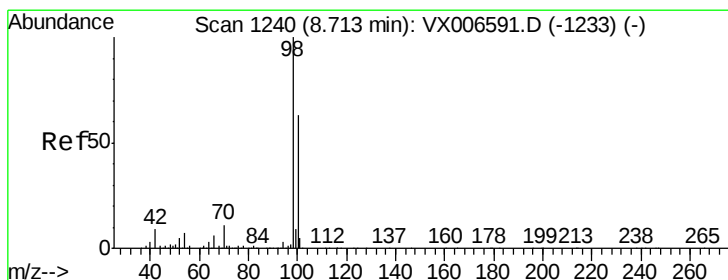
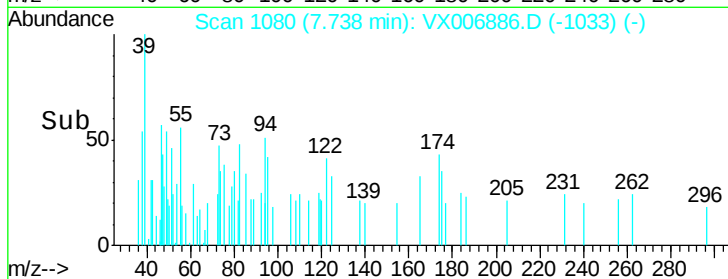
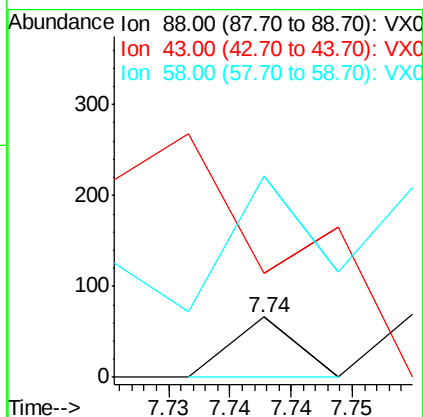
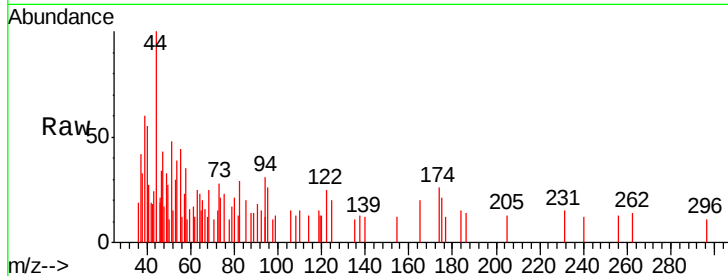




#49
1,4-Dioxane
Concen: Below Cal
RT: 7.74 min Scan# 1080
Delta R.T. -0.01 min
Lab File: VX006886.D
Acq: 03 Jan 2019 11:26

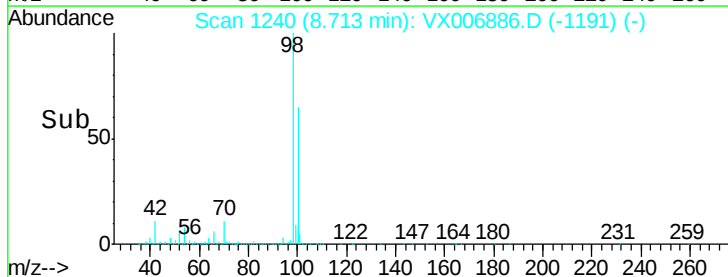
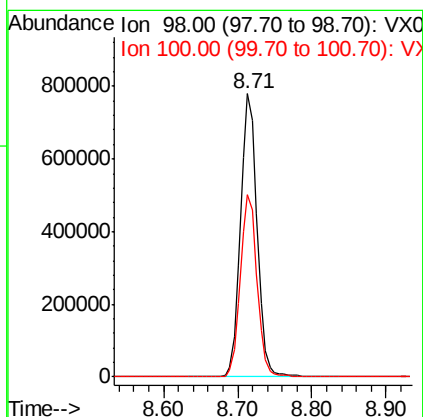
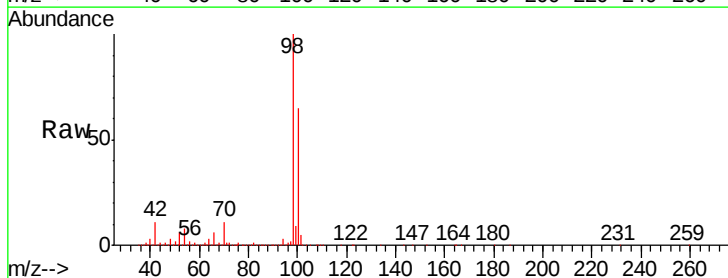
Instrument :
MSVOA_X
ClientSampleId :
VX0103MBL01

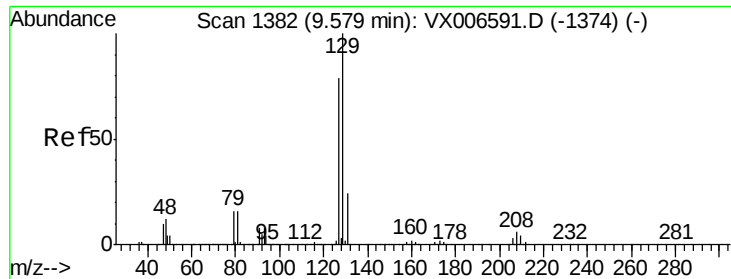
Tgt Ion: 88 Resp: 24
Ion Ratio Lower Upper
88 100
43 1166.7 22.2 33.4#
58 1500.0 51.0 76.4#



#50
Toluene-d8
Concen: 48.060 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006886.D
Acq: 03 Jan 2019 11:26

Tgt Ion: 98 Resp: 1222424
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0





#60

Dibromochloromethane

Concen: 2.327 ug/l

RT: 9.60 min Scan# 1385

Delta R.T. 0.02 min

Lab File: VX006886.D

Acq: 03 Jan 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

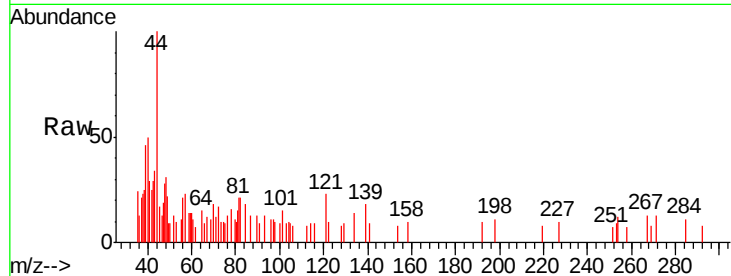
VX0103MBL01

Tgt Ion:129 Resp: 23

Ion Ratio Lower Upper

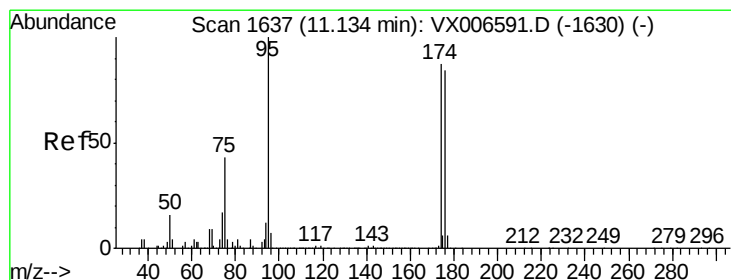
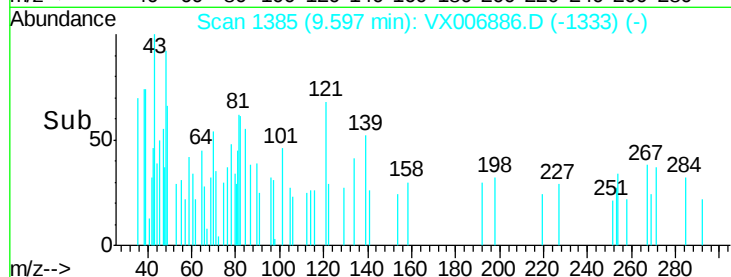
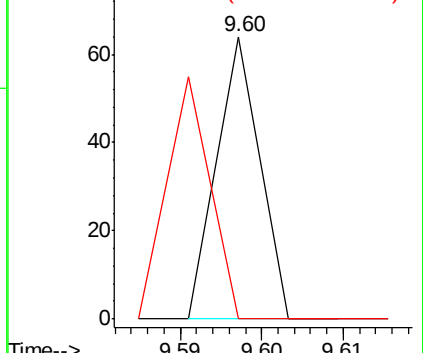
129 100

127 87.0 39.3 117.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 46.222 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006886.D

Acq: 03 Jan 2019 11:26

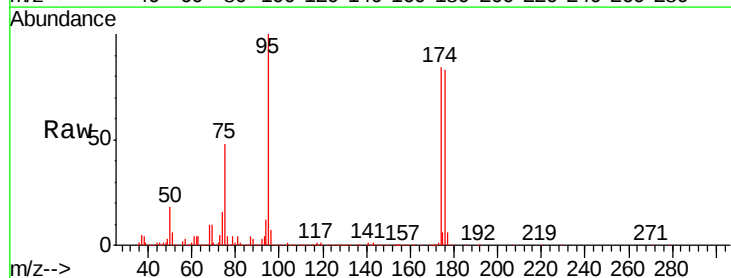
Tgt Ion: 95 Resp: 430584

Ion Ratio Lower Upper

95 100

174 93.5 0.0 182.2

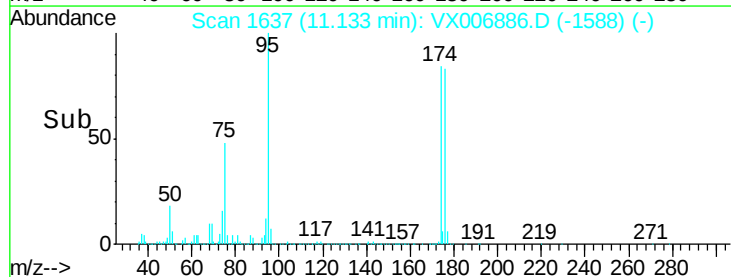
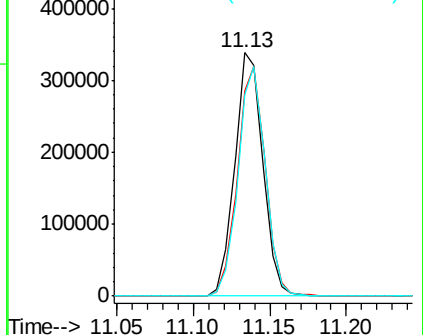
176 91.4 0.0 178.8

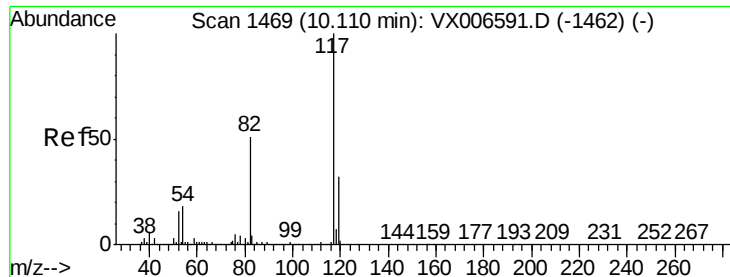


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: VX006886.D

Acq: 03 Jan 2019 11:26

Instrument :

MSVOA_X

ClientSampled :

VX0103MBL01

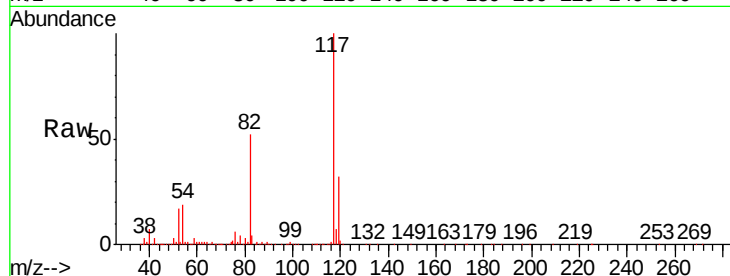
Tgt Ion:117 Resp: 946584

Ion Ratio Lower Upper

117 100

82 51.9 41.0 61.6

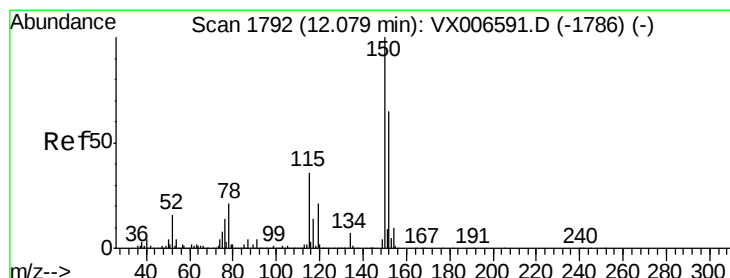
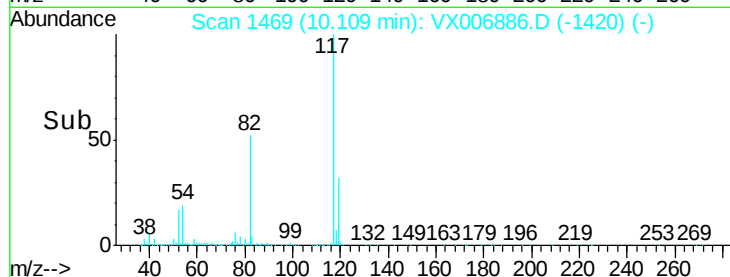
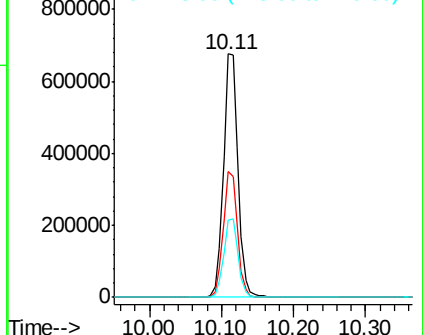
119 31.8 25.4 38.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006886.D

Acq: 03 Jan 2019 11:26

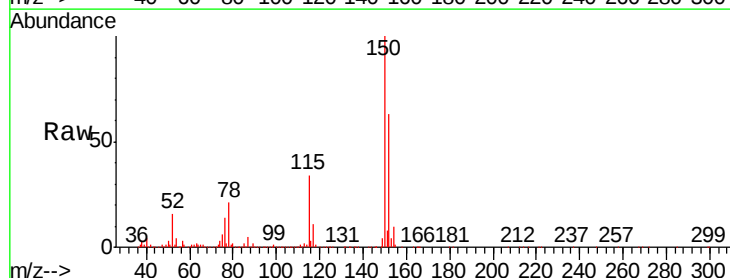
Tgt Ion:152 Resp: 456845

Ion Ratio Lower Upper

152 100

115 54.5 39.1 117.2

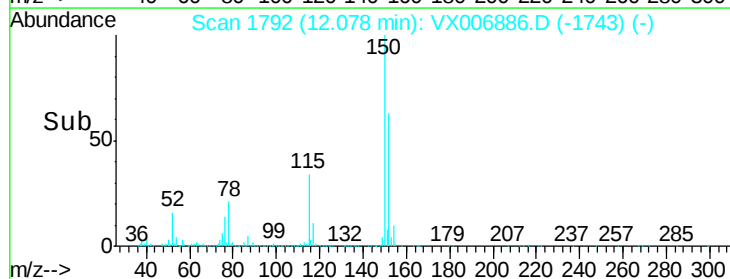
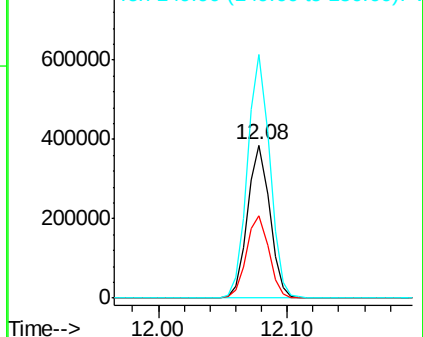
150 159.2 0.0 344.8

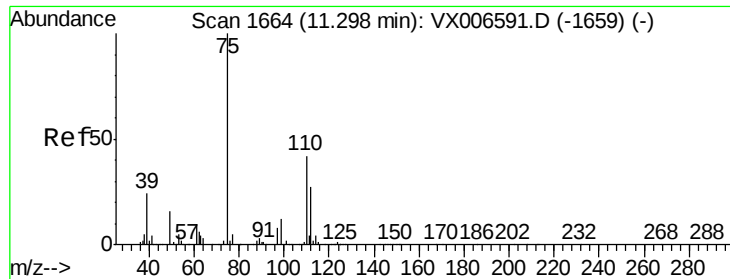


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

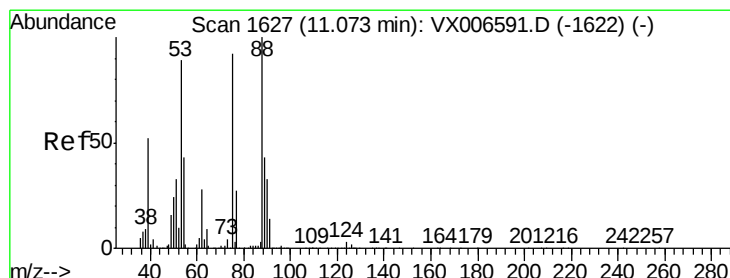
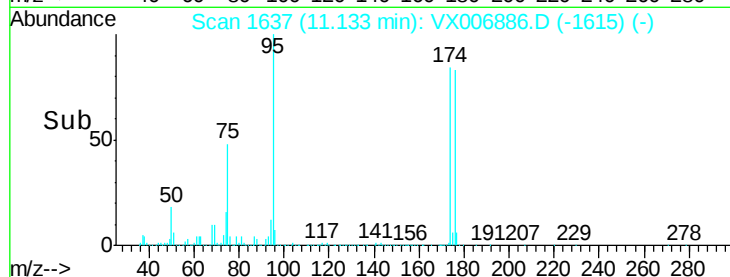
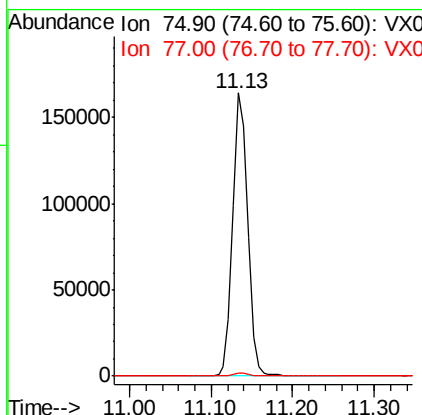
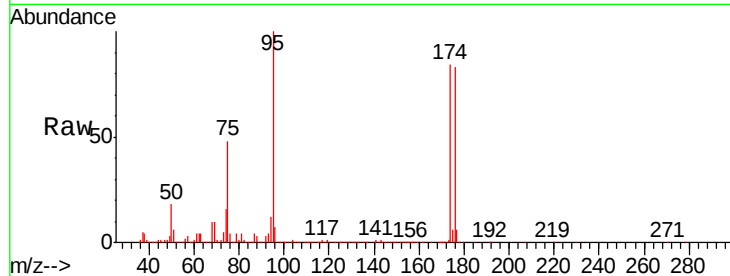




#76
 1,2,3-Trichloropropane
 Concen: 24.292 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX006886.D
 Acq: 03 Jan 2019 11:26

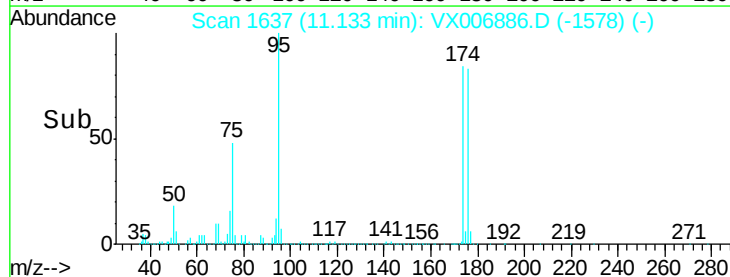
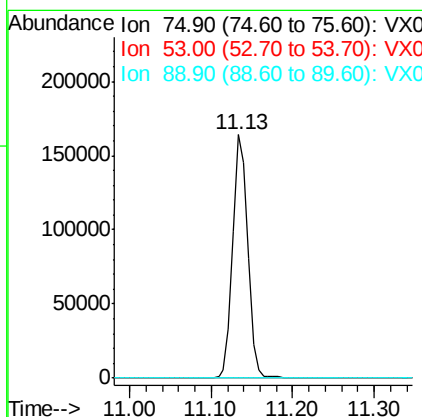
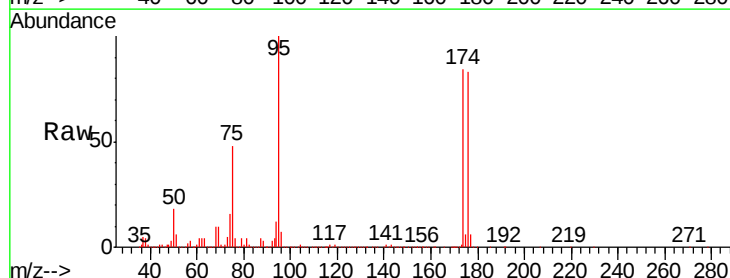
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103MBL01

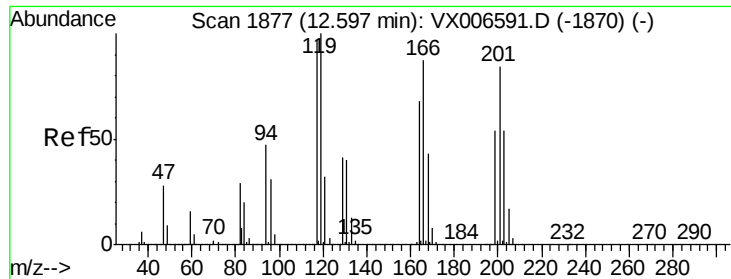
Tgt Ion: 75 Resp: 206240
 Ion Ratio Lower Upper
 75 100
 77 1.2 18.5 55.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.902 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX006886.D
 Acq: 03 Jan 2019 11:26

Tgt Ion: 75 Resp: 206240
 Ion Ratio Lower Upper
 75 100
 53 0.1 79.7 119.5#
 89 0.0 38.0 57.0#





#90

Hexachloroethane

Concen: 3.303 ug/l

RT: 12.60 min Scan# 1878

Delta R.T. 0.01 min

Lab File: VX006886.D

Acq: 03 Jan 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0103MBL01

Tgt Ion:117 Resp: 44

Ion Ratio Lower Upper

117 100

201 45.5 42.9 128.7

