

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011019\
 Data File : VX006982.D
 Acq On : 10 Jan 2019 11:40
 Operator : JC/MD
 Sample : VX0110WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBL01

Quant Time: Jan 11 07:10:24 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	5.66	168	621800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	952394	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	878703	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	428055	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	332159	51.11	ug/l	0.00
Spiked Amount						
			Recovery	=	102.22%	
35) Dibromofluoromethane	5.50	113	297800	48.83	ug/l	0.00
Spiked Amount						
			Recovery	=	97.66%	
50) Toluene-d8	8.71	98	1130607	50.64	ug/l	0.00
Spiked Amount						
			Recovery	=	101.28%	
62) 4-Bromofluorobenzene	11.13	95	400267	51.43	ug/l	0.00
Spiked Amount						
			Recovery	=	102.86%	

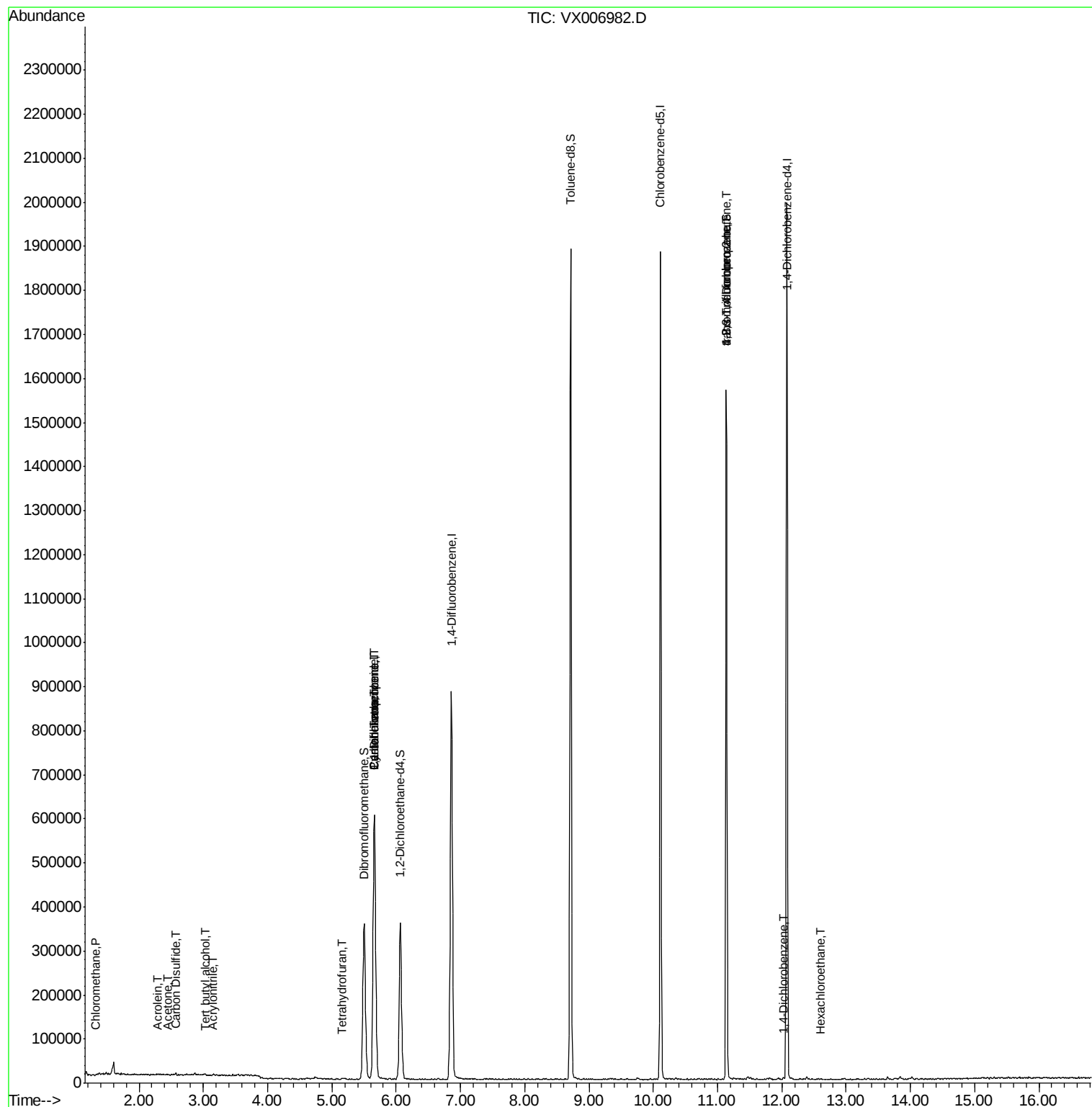
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1239	0.208	ug/l	93
11) Tert butyl alcohol	3.04	59	540	0.352	ug/l #	19
13) Acrolein	2.29	56	539	3.889	ug/l	87
15) Acrylonitrile	3.15	53	1434	0.407	ug/l #	83
16) Acetone	2.44	43	1525	0.475	ug/l #	84
17) Carbon Disulfide	2.57	76	3825	0.260	ug/l	98
20) Methylene Chloride	2.85	84	1370	Below Cal	#	71
29) Tetrahydrofuran	5.15	42	904	0.303	ug/l #	77
31) Cyclohexane	5.66	56	9330	1.018	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	39222	4.737	ug/l #	49
38) Carbon Tetrachloride	5.66	117	57710	6.927	ug/l #	14
49) 1,4-Dioxane	7.73	88	30	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.13	75	189159	21.807	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	189159	64.613	ug/l #	10
88) 1,4-Dichlorobenzene	12.03	146	1070	0.220	ug/l	88
90) Hexachloroethane	12.60	117	96	2.929	ug/l	80

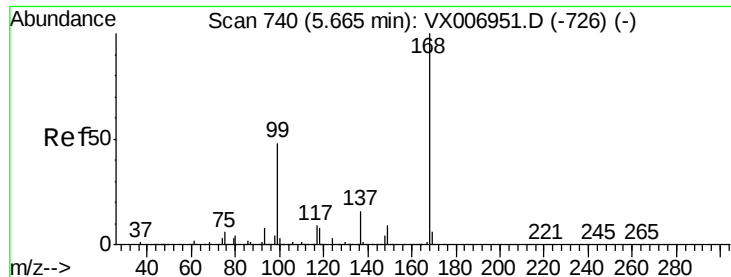
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX011019\
Data File : VX006982.D
Acq On : 10 Jan 2019 11:40
Operator : JC/MD
Sample : VX0110WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBL01

Quant Time: Jan 11 07:10:24 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: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX006982.D

Acq: 10 Jan 2019 11:40

Instrument :

MSVOA_X

ClientSampleId :

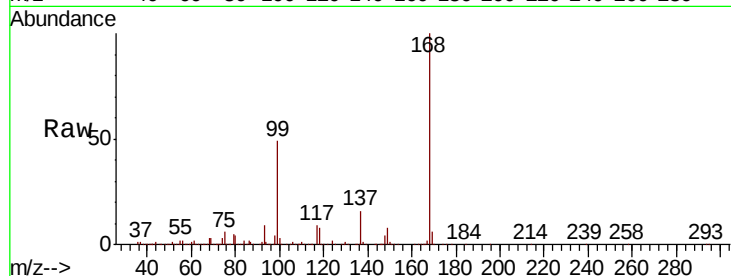
VX0110WBL01

Tgt Ion:168 Resp: 621800

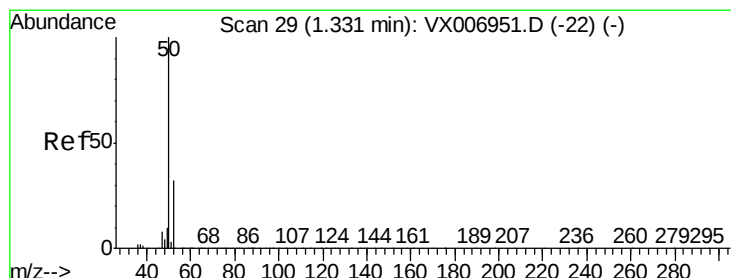
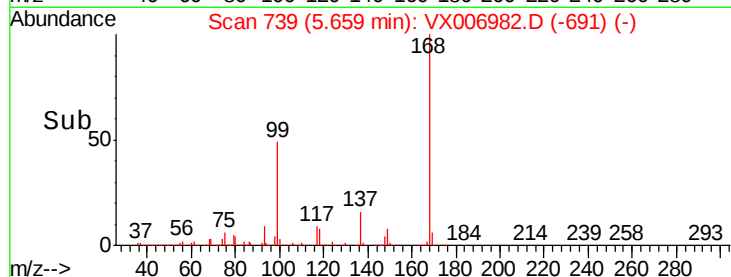
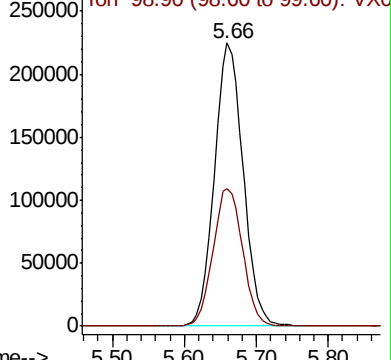
Ion Ratio Lower Upper

168 100

99 48.7 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): VX006951.D (-726) (-)



#3

Chloromethane

Concen: 0.208 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX006982.D

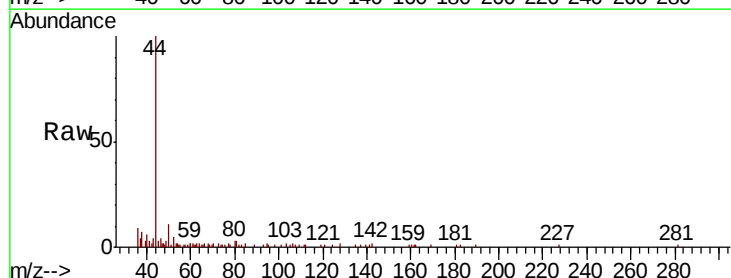
Acq: 10 Jan 2019 11:40

Tgt Ion: 50 Resp: 1239

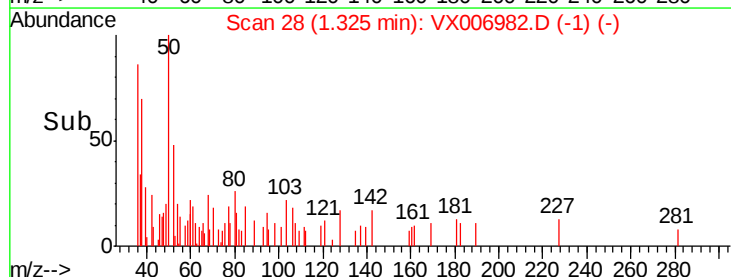
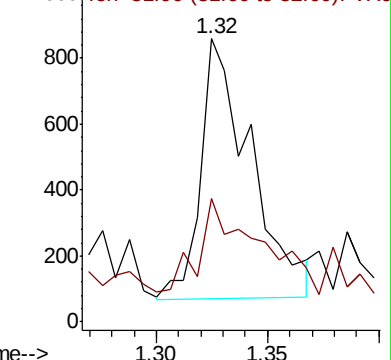
Ion Ratio Lower Upper

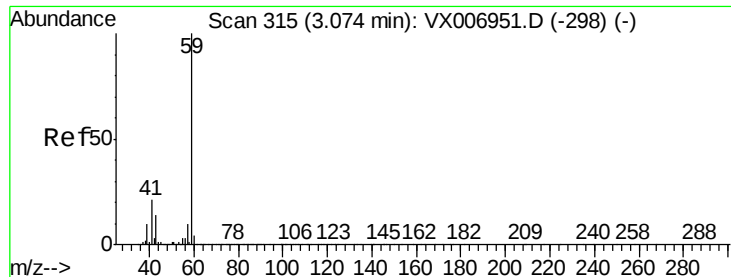
50 100

52 35.9 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VX006951.D (-22) (-)



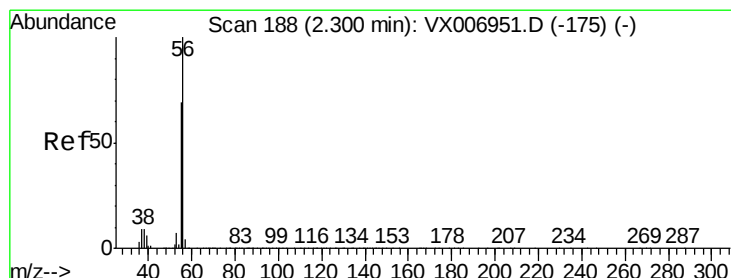
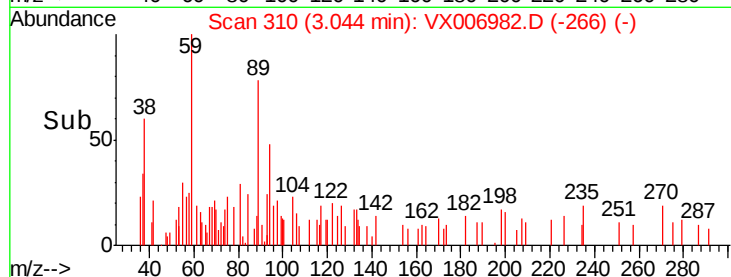
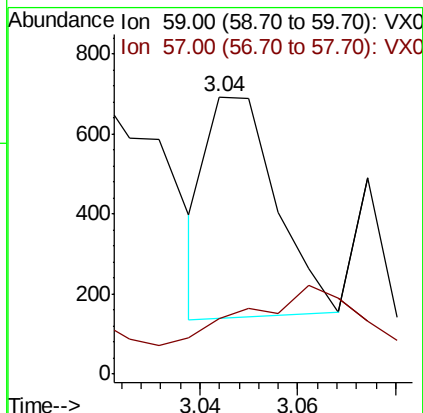
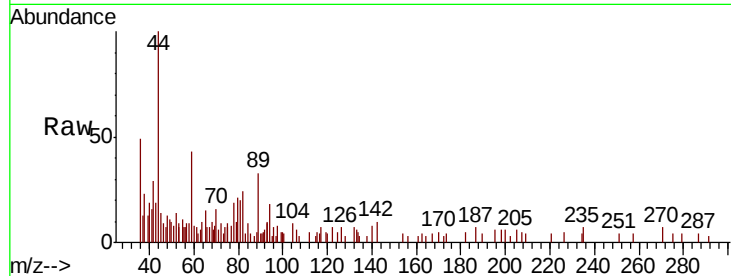


#11

Tert butyl alcohol
Concen: 0.352 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.03 min
Lab File: VX006982.D
Acq: 10 Jan 2019 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBL01

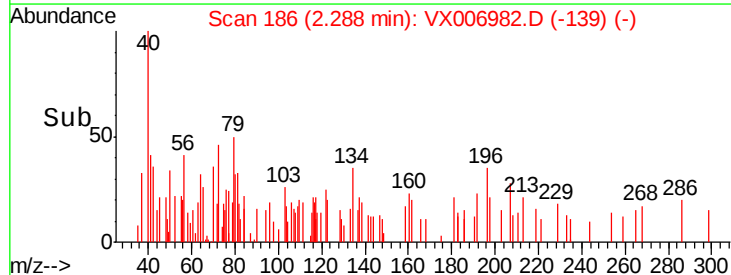
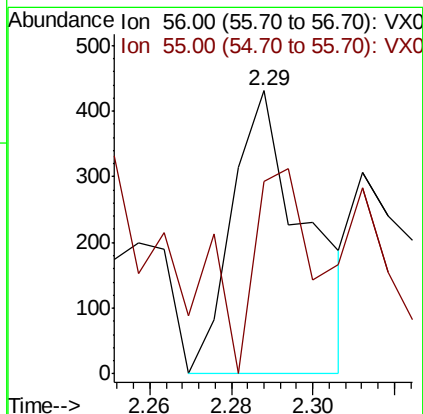
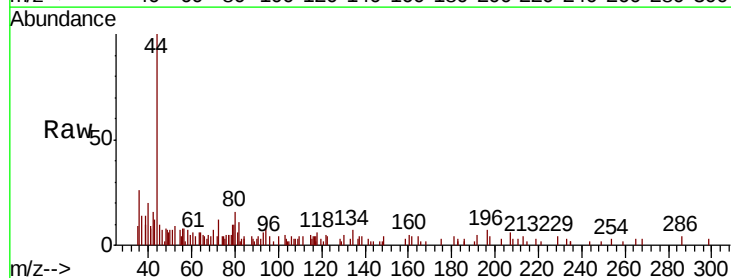
Tgt Ion: 59 Resp: 540
Ion Ratio Lower Upper
59 100
57 41.1 8.5 12.7#

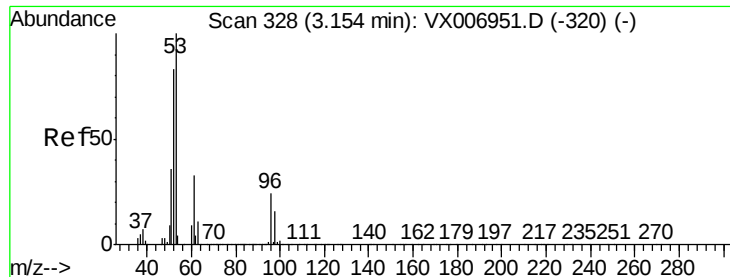


#13

Acrolein
Concen: 3.889 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX006982.D
Acq: 10 Jan 2019 11:40

Tgt Ion: 56 Resp: 539
Ion Ratio Lower Upper
56 100
55 62.2 58.2 87.4





#15

Acrylonitrile

Concen: 0.407 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX006982.D

Acq: 10 Jan 2019 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBL01

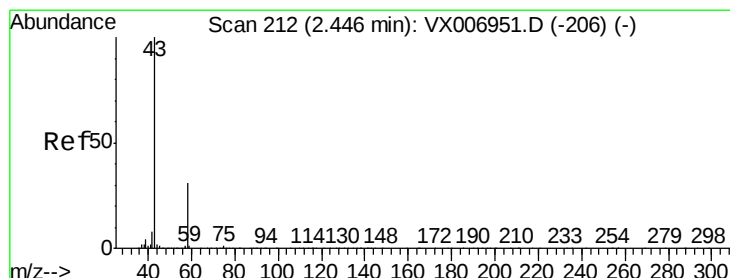
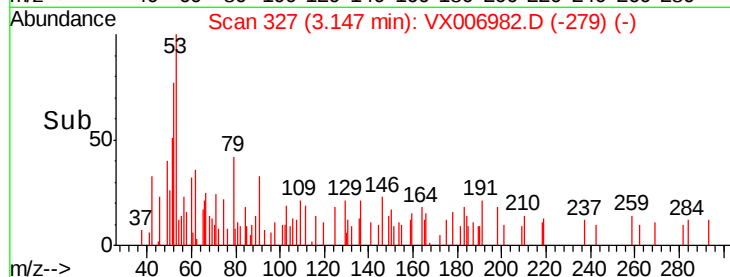
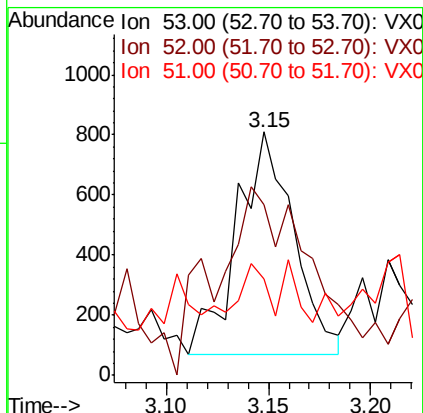
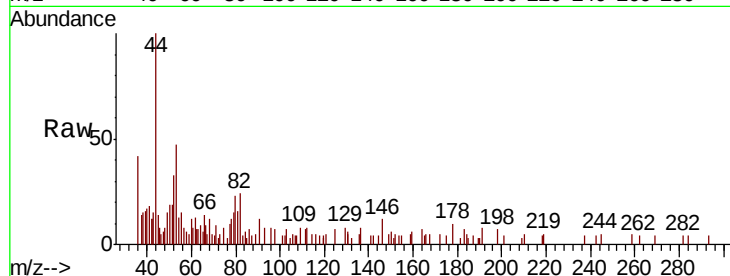
Tgt Ion: 53 Resp: 1434

Ion Ratio Lower Upper

53 100

52 87.9 66.0 99.0

51 10.0 28.6 42.8#



#16

Acetone

Concen: 0.475 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX006982.D

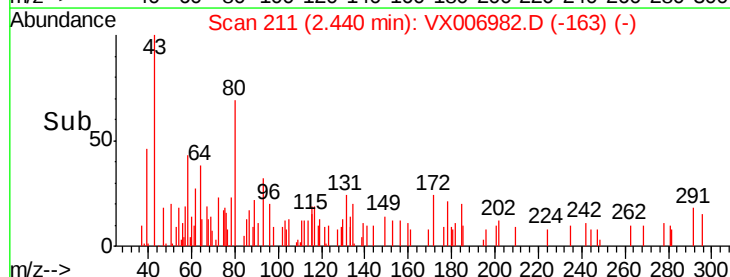
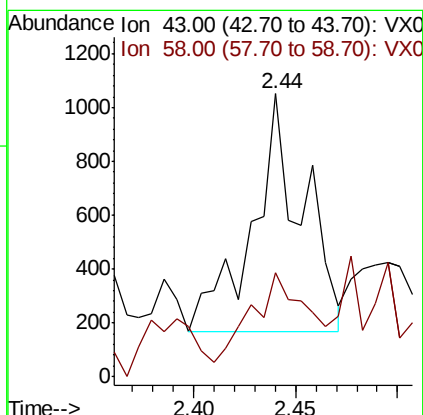
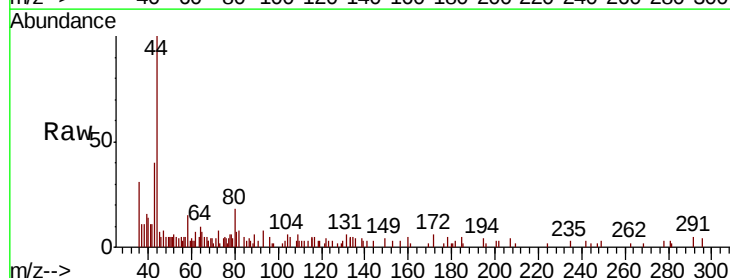
Acq: 10 Jan 2019 11:40

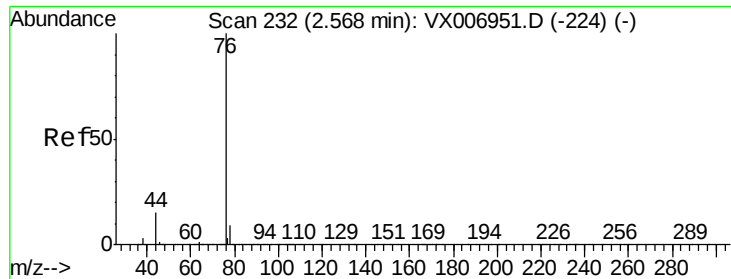
Tgt Ion: 43 Resp: 1525

Ion Ratio Lower Upper

43 100

58 22.7 25.0 37.6#

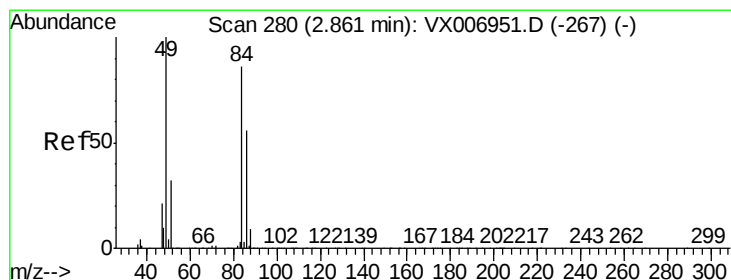
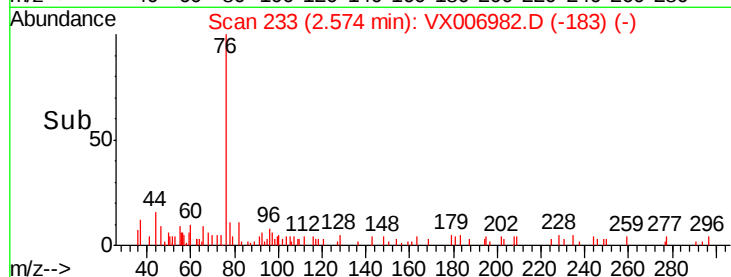
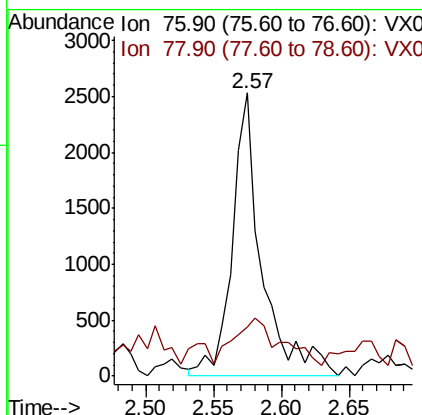
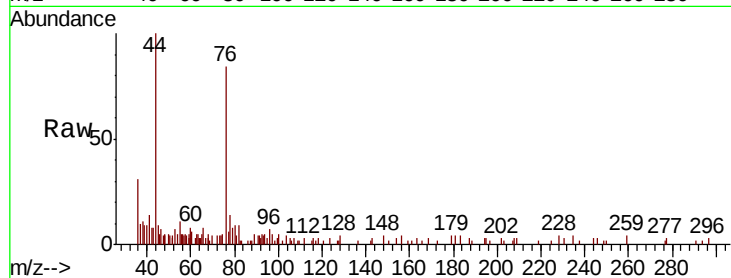




#17
Carbon Disulfide
Concen: 0.260 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX006982.D
Acq: 10 Jan 2019 11:40

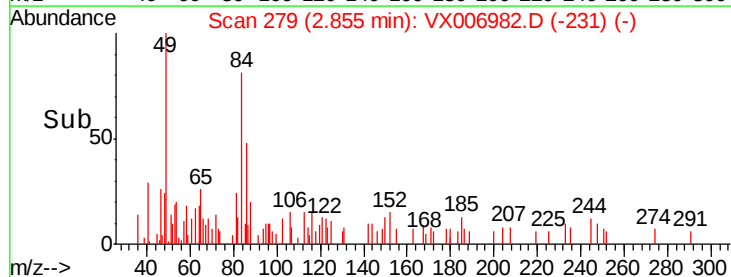
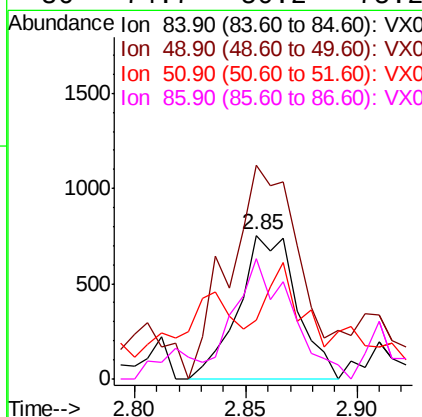
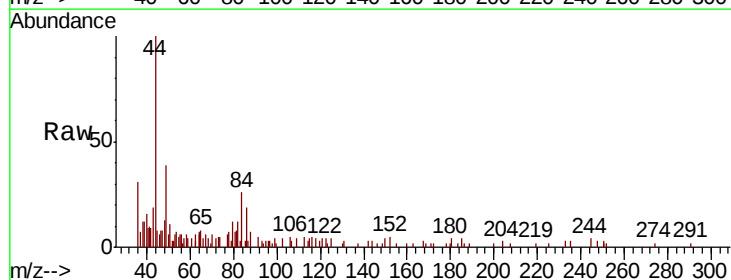
Instrument :
MSVOA_X
ClientSampleId :
VX0110WBL01

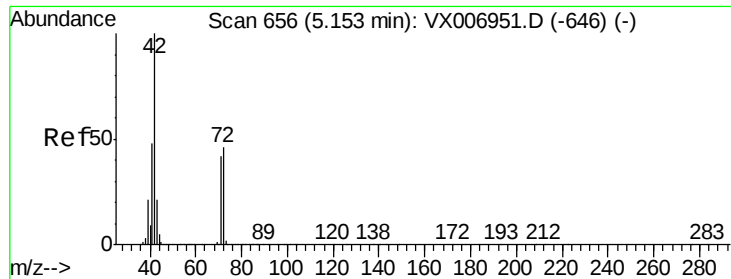
Tgt Ion: 76 Resp: 3825
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6



#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006982.D
Acq: 10 Jan 2019 11:40

Tgt Ion: 84 Resp: 1370
Ion Ratio Lower Upper
84 100
49 148.7 91.8 137.6#
51 8.4 28.5 42.7#
86 74.7 50.2 75.2





#29

Tetrahydrofuran

Concen: 0.303 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006982.D

Acq: 10 Jan 2019 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBL01

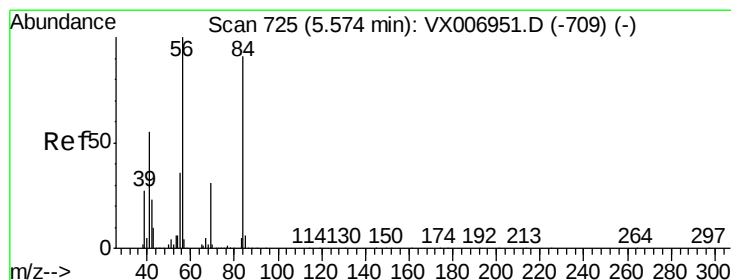
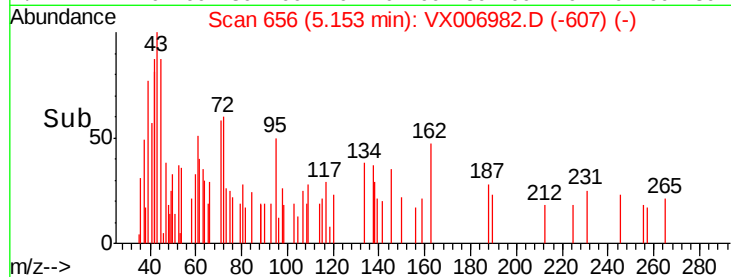
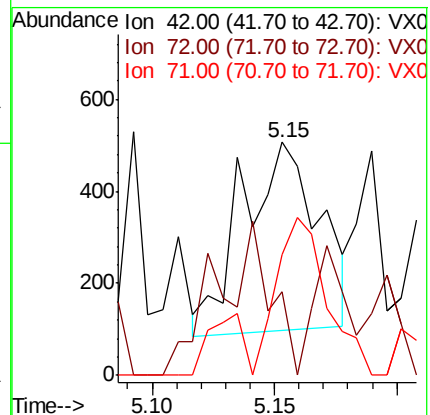
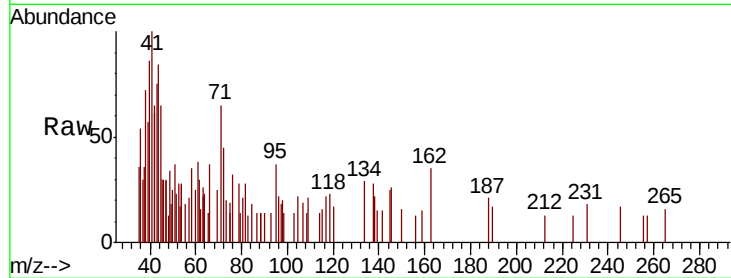
Tgt Ion: 42 Resp: 904

Ion Ratio Lower Upper

42 100

72 28.2 38.9 58.3#

71 55.0 36.2 54.4#



#31

Cyclohexane

Concen: 1.018 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.09 min

Lab File: VX006982.D

Acq: 10 Jan 2019 11:40

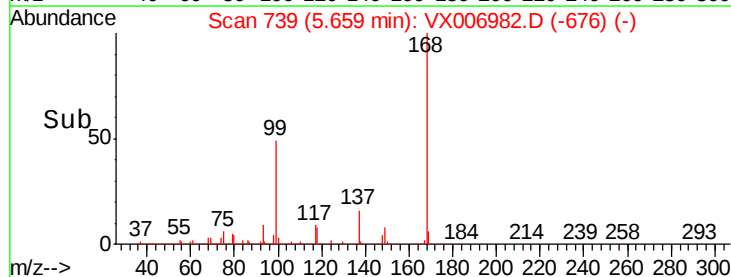
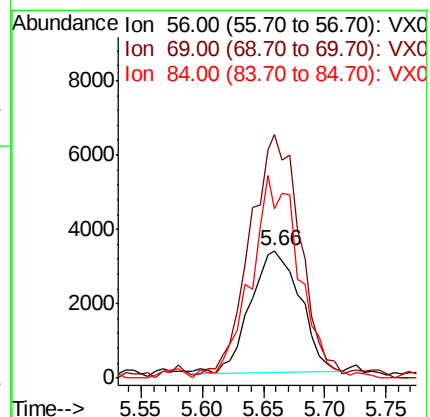
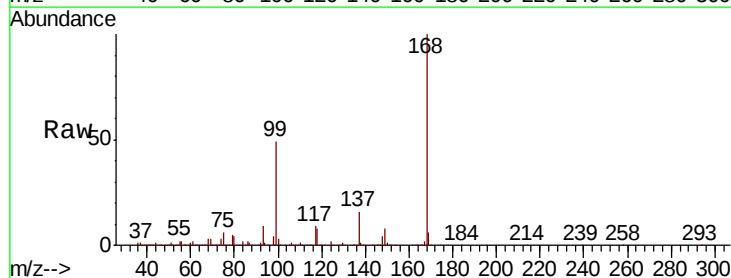
Tgt Ion: 56 Resp: 9330

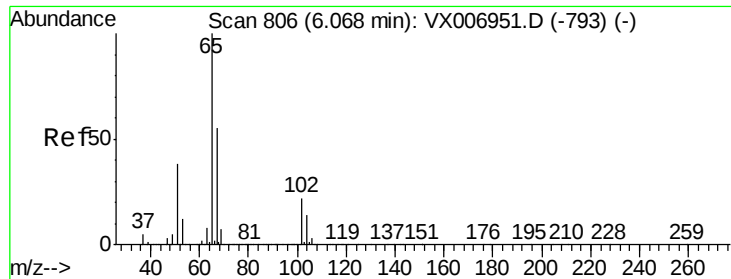
Ion Ratio Lower Upper

56 100

69 199.7 24.4 36.6#

84 141.0 70.0 105.0#

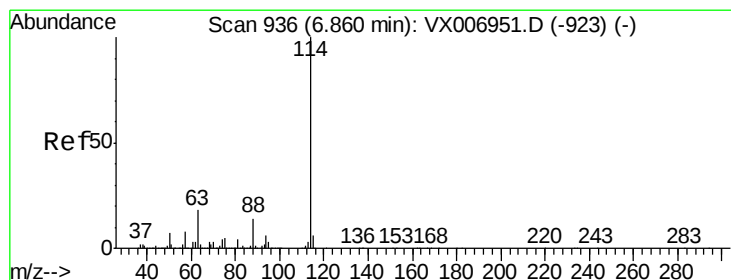
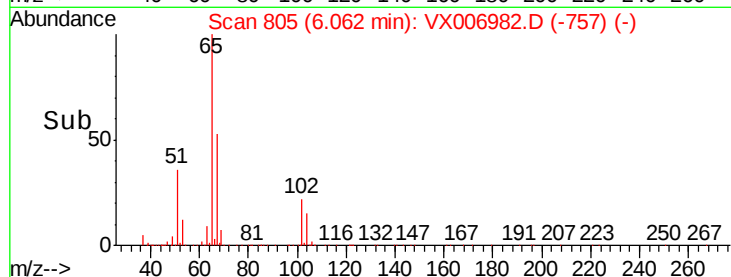
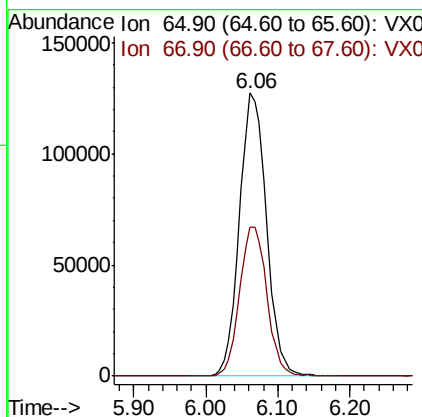
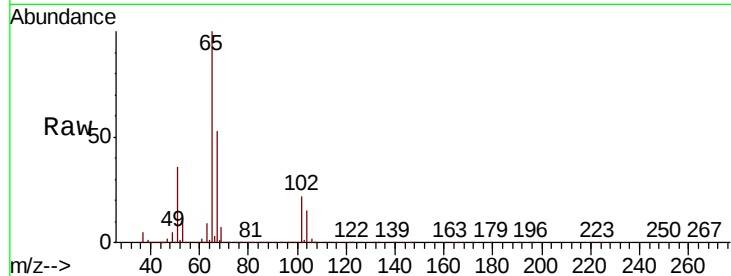




#33
 1,2-Dichloroethane-d4
 Concen: 51.114 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX006982.D
 Acq: 10 Jan 2019 11:40

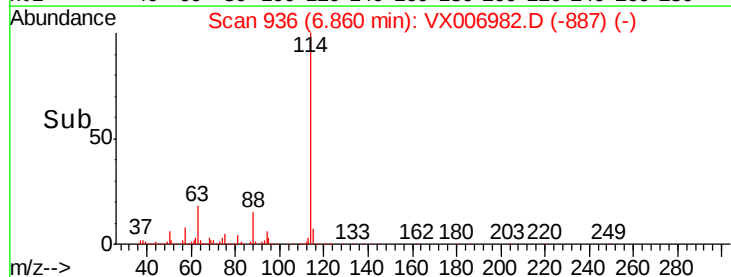
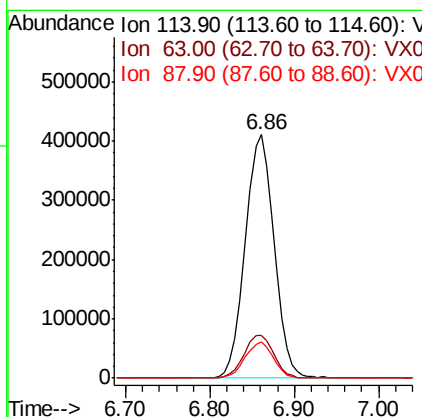
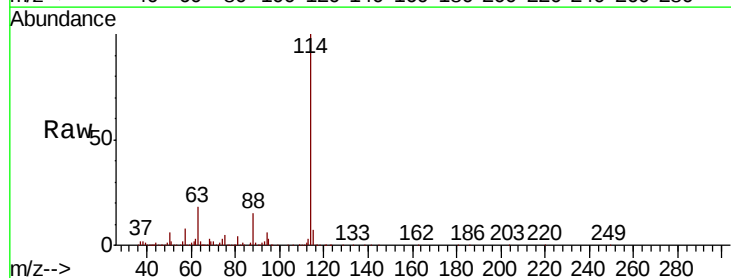
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBL01

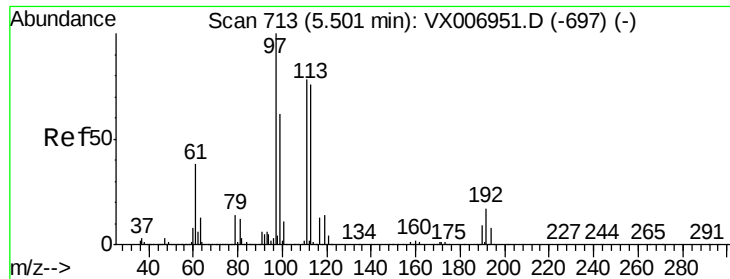
Tgt Ion: 65 Resp: 332159
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006982.D
 Acq: 10 Jan 2019 11:40

Tgt Ion: 114 Resp: 952394
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 34.8
 88 14.9 0.0 28.8

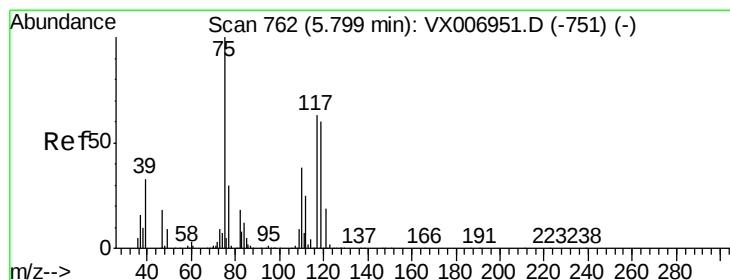
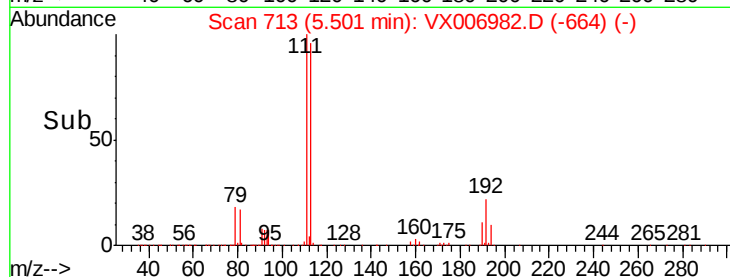
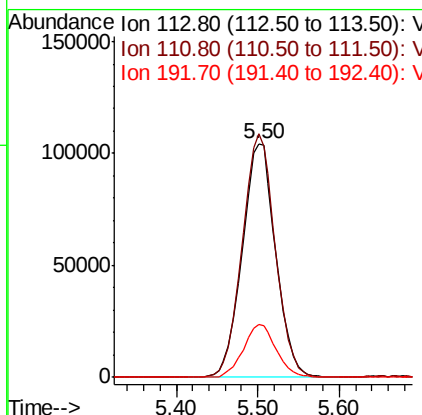
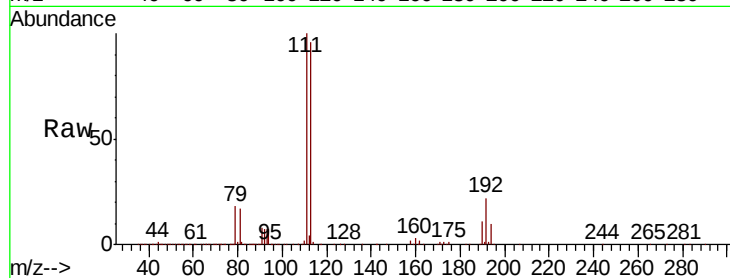




#35
 Dibromofluoromethane
 Concen: 48.827 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX006982.D
 Acq: 10 Jan 2019 11:40

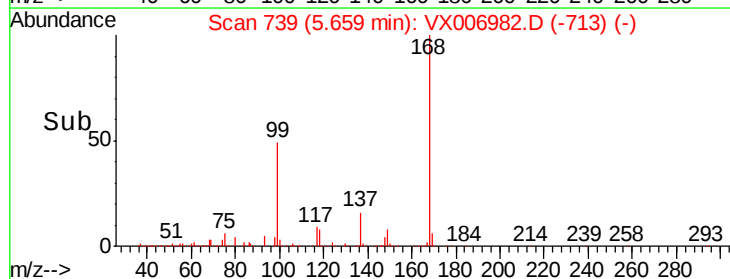
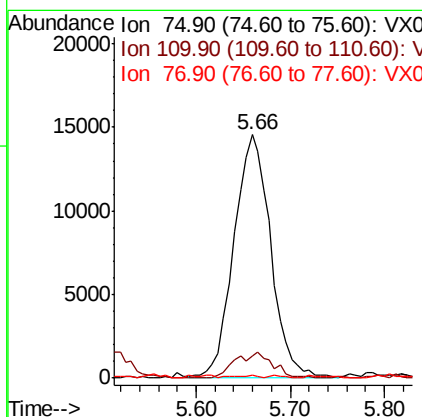
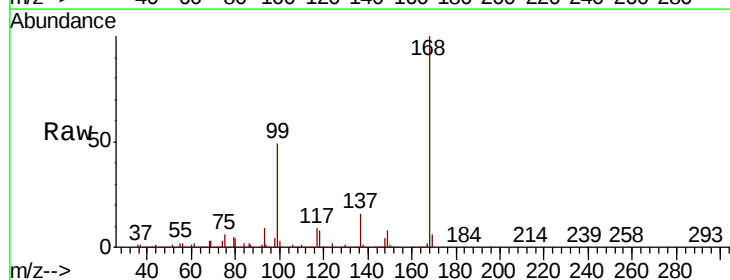
Instrument :
 MSVOA_X
 ClientSampled :
 VX0110WBL01

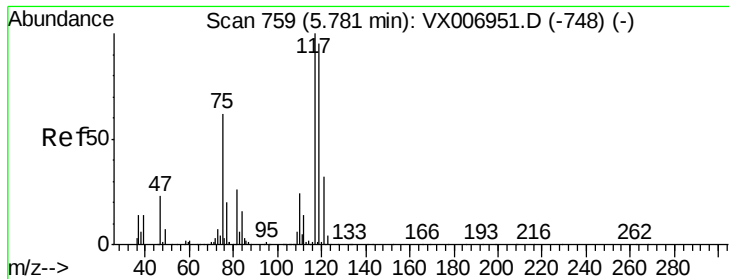
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.6	122.4
192	22.3	16.7	25.1



#36
 1,1-Dichloropropene
 Concen: 4.737 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX006982.D
 Acq: 10 Jan 2019 11:40

Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.1	20.2	60.5#
77	0.6	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 6.927 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006982.D

Acq: 10 Jan 2019 11:40

Instrument :

MSVOA_X

ClientSampled :

VX0110WBL01

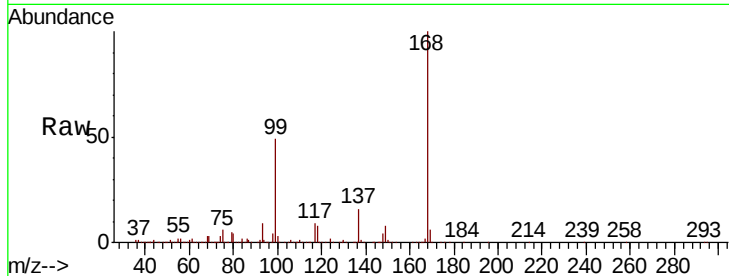
Tgt Ion:117 Resp: 57710

Ion Ratio Lower Upper

117 100

119 4.0 79.4 119.2#

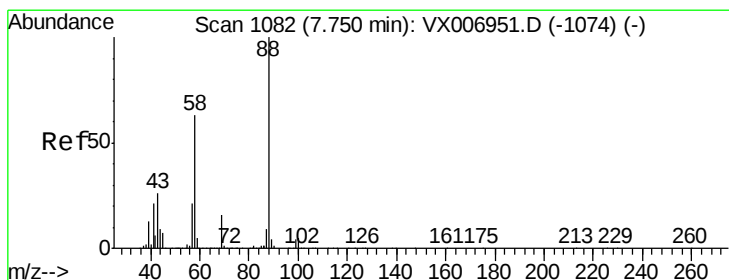
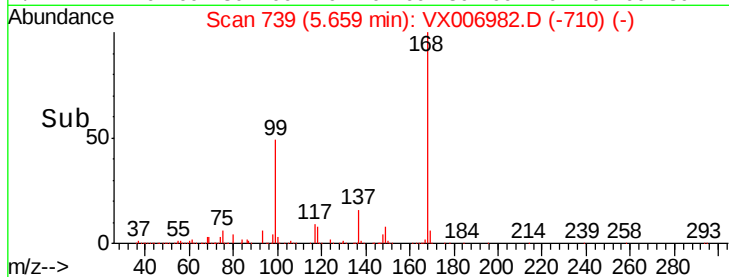
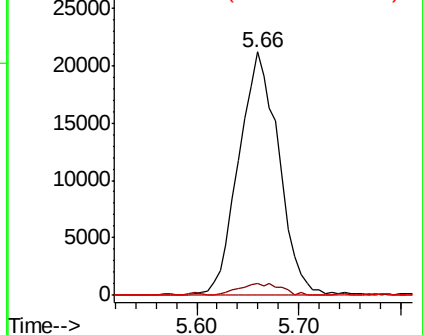
121 0.3 24.0 36.0#



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: 7.73 min Scan# 1079

Delta R.T. -0.02 min

Lab File: VX006982.D

Acq: 10 Jan 2019 11:40

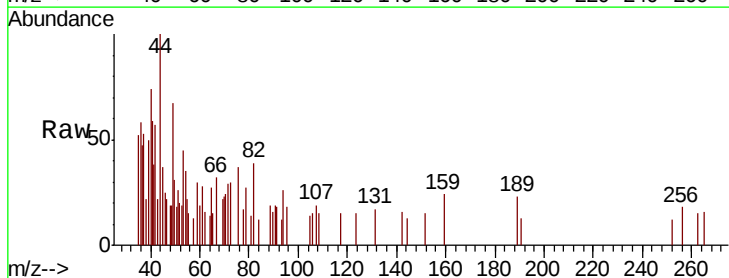
Tgt Ion: 88 Resp: 30

Ion Ratio Lower Upper

88 100

43 576.7 22.2 33.4#

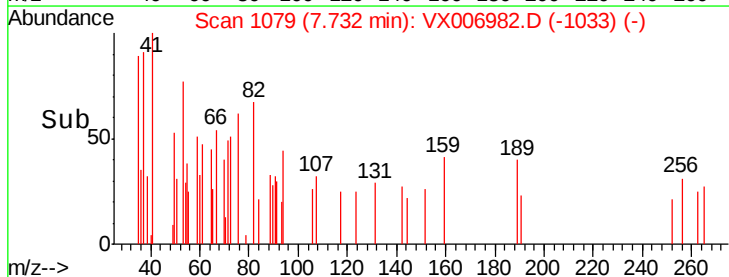
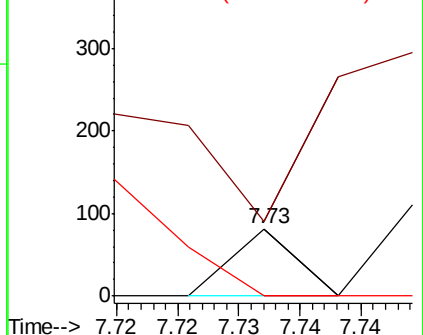
58 0.0 51.0 76.4#

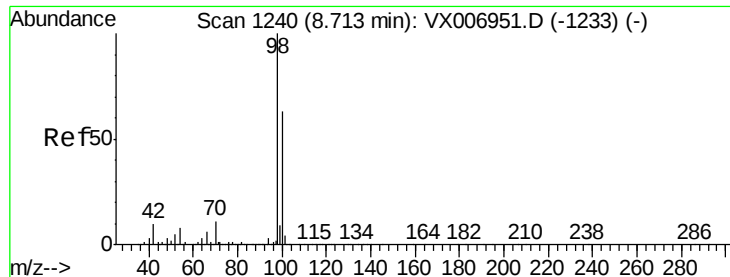


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 50.644 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006982.D

Acq: 10 Jan 2019 11:40

Instrument :

MSVOA_X

ClientSampleId :

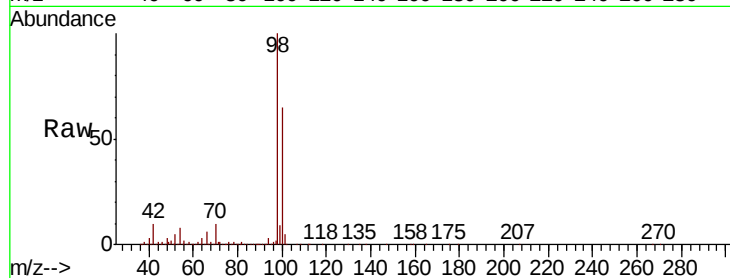
VX0110WBL01

Tgt Ion: 98 Resp: 1130607

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

800000

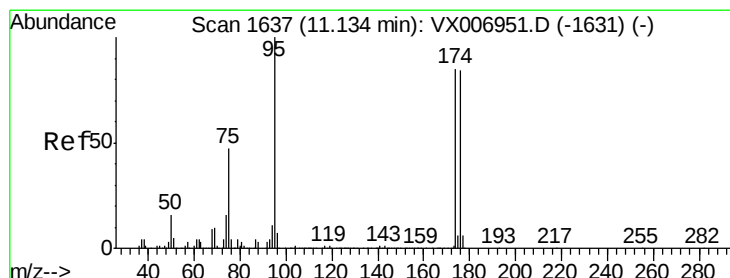
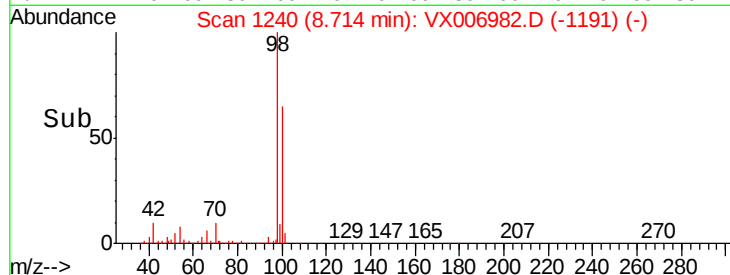
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.429 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006982.D

Acq: 10 Jan 2019 11:40

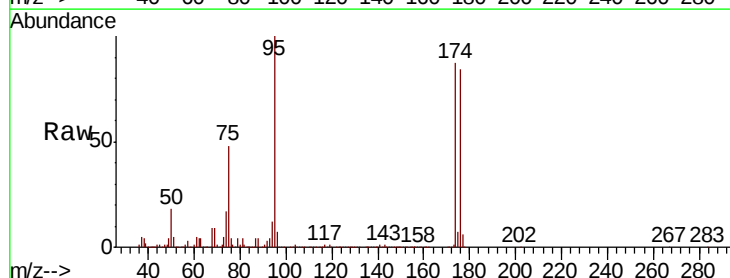
Tgt Ion: 95 Resp: 400267

Ion Ratio Lower Upper

95 100

174 91.4 0.0 182.2

176 90.4 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

11.13

400000

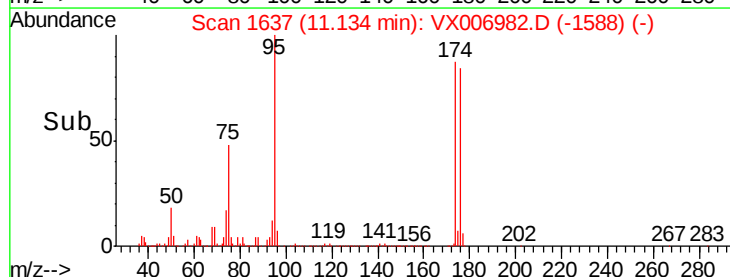
300000

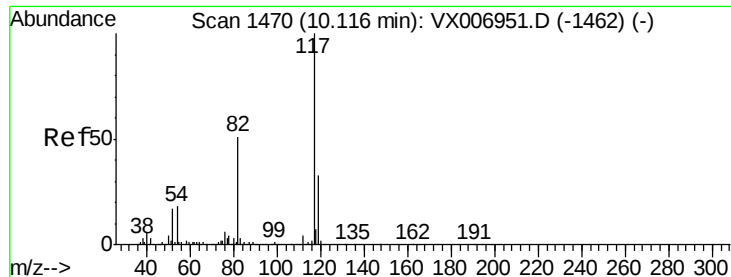
200000

100000

0

Time-->

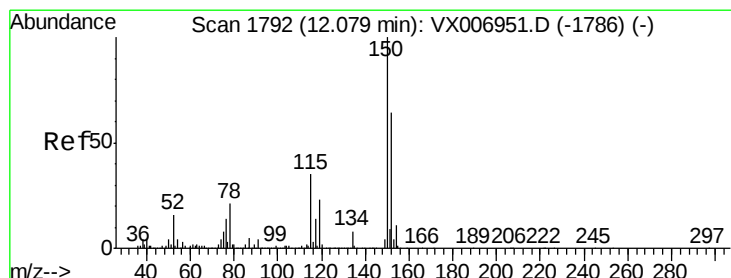
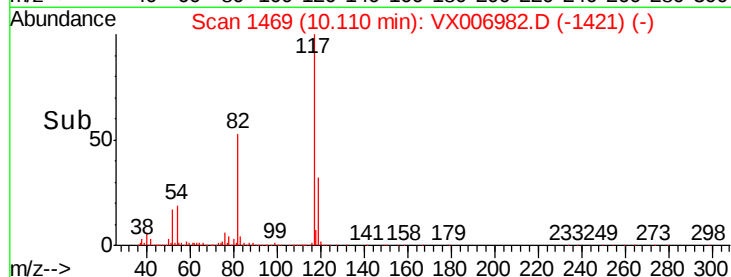
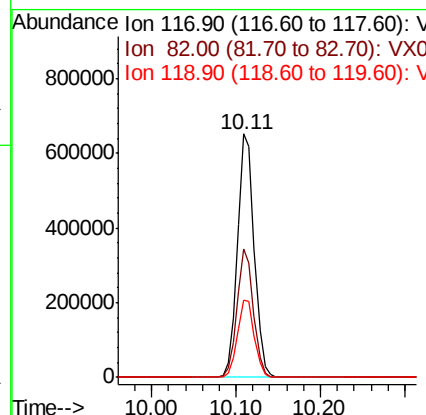
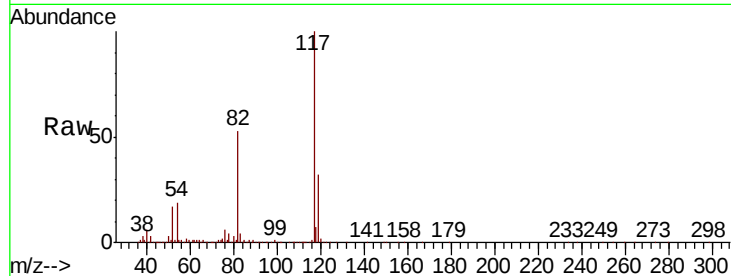




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX006982.D
Acq: 10 Jan 2019 11:40

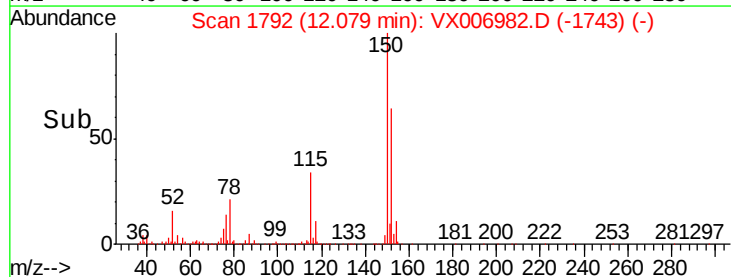
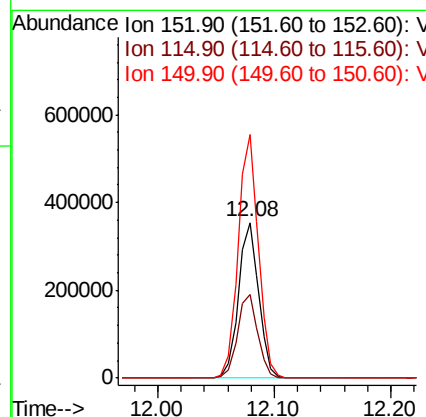
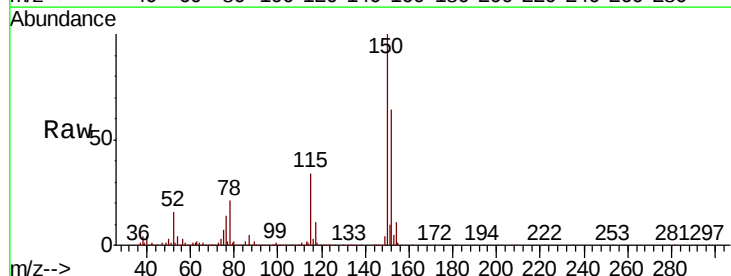
Instrument :
MSVOA_X
ClientSampleId :
VX0110WBL01

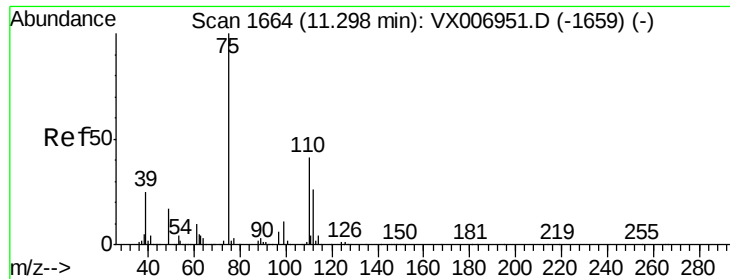
Tgt Ion:117 Resp: 878703
Ion Ratio Lower Upper
117 100
82 52.7 41.0 61.6
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006982.D
Acq: 10 Jan 2019 11:40

Tgt Ion:152 Resp: 428055
Ion Ratio Lower Upper
152 100
115 54.2 39.1 117.2
150 156.4 0.0 344.8

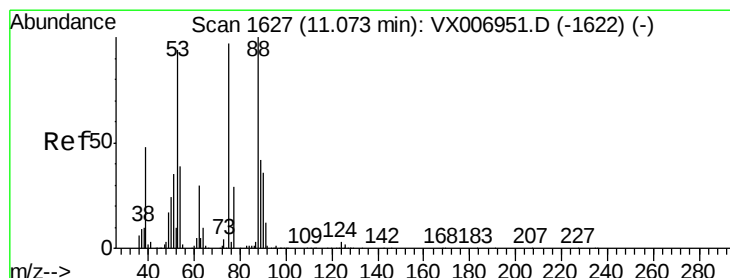
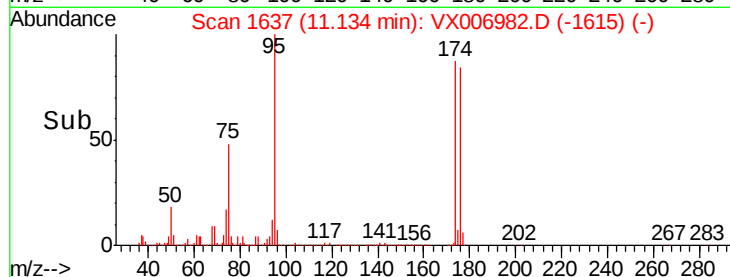
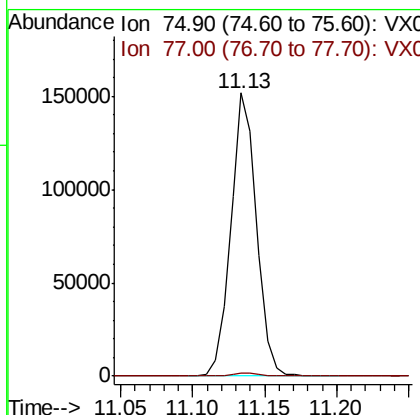
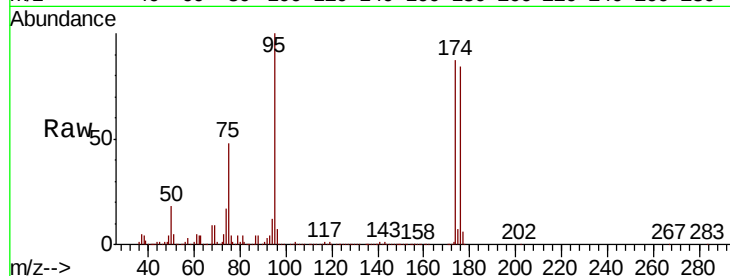




#76
 1,2,3-Trichloropropane
 Concen: 21.807 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX006982.D
 Acq: 10 Jan 2019 11:40

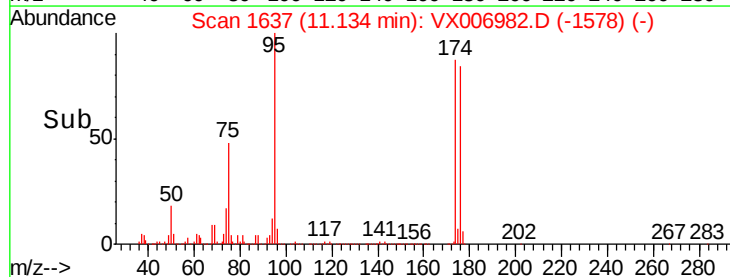
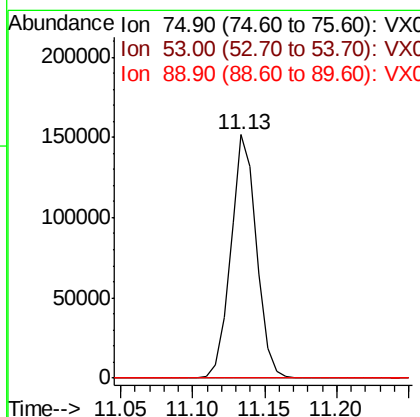
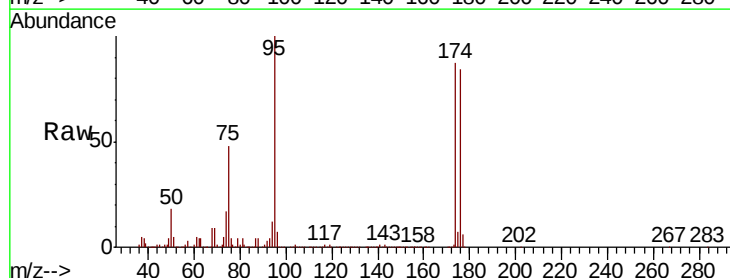
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBL01

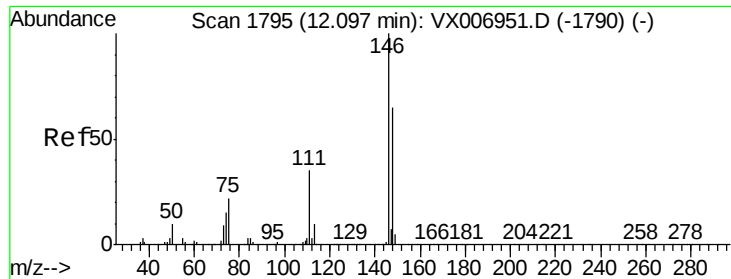
Tgt Ion: 75 Resp: 189159
 Ion Ratio Lower Upper
 75 100
 77 1.3 18.5 55.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.613 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX006982.D
 Acq: 10 Jan 2019 11:40

Tgt Ion: 75 Resp: 189159
 Ion Ratio Lower Upper
 75 100
 53 0.1 79.7 119.5#
 89 0.2 38.0 57.0#





#88

1,4-Dichlorobenzene

Concen: 0.220 ug/l

RT: 12.03 min Scan# 1784

Delta R.T. -0.07 min

Lab File: VX006982.D

Acq: 10 Jan 2019 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBL01

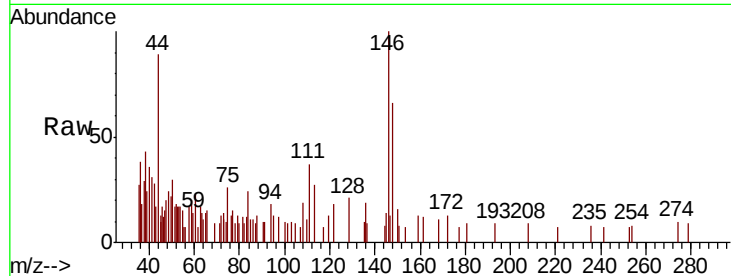
Tgt Ion:146 Resp: 1070

Ion Ratio Lower Upper

146 100

111 26.4 18.1 54.1

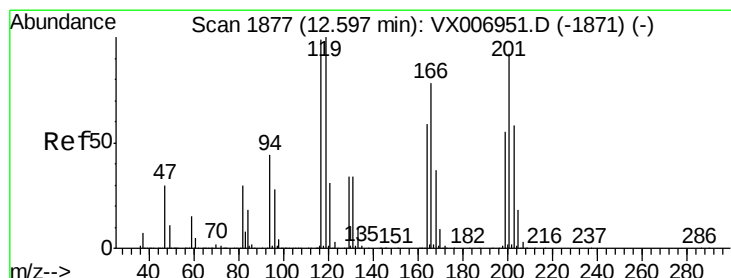
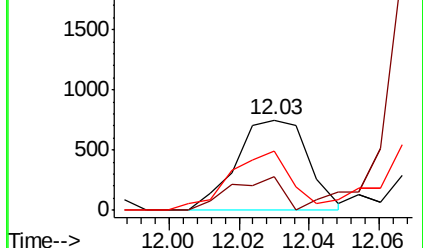
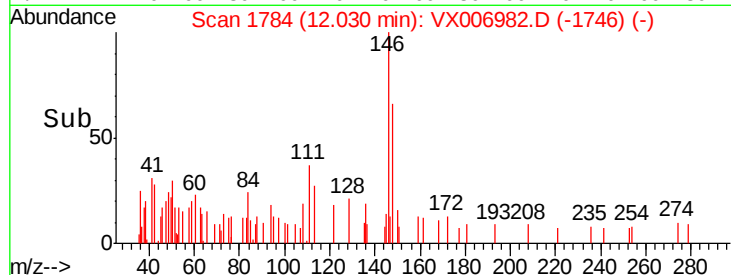
148 56.0 31.9 95.9



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: 2.929 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX006982.D

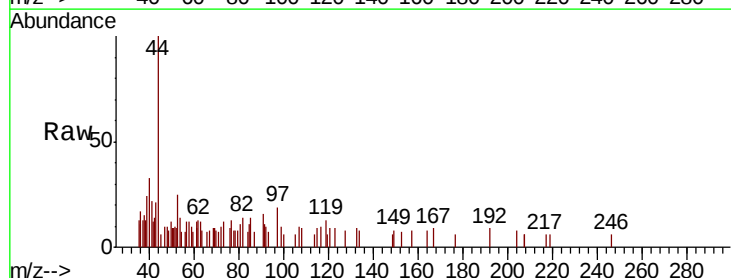
Acq: 10 Jan 2019 11:40

Tgt Ion:117 Resp: 96

Ion Ratio Lower Upper

117 100

201 67.7 42.9 128.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

