

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012219\
 Data File : VX007173.D
 Acq On : 22 Jan 2019 11:13
 Operator : JC/SP
 Sample : VX0122WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0122WBL01

Quant Time: Jan 23 00:01:22 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	5.66	168	582624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	895920	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	822491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	412673	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	307832	50.56	ug/l	0.00
Spiked Amount			Recovery	=	101.12%	
35) Dibromofluoromethane	5.50	113	279826	48.77	ug/l	0.00
Spiked Amount			Recovery	=	97.54%	
50) Toluene-d8	8.71	98	1048441	49.92	ug/l	0.00
Spiked Amount			Recovery	=	99.84%	
62) 4-Bromofluorobenzene	11.13	95	376893	51.48	ug/l	0.00
Spiked Amount			Recovery	=	102.96%	

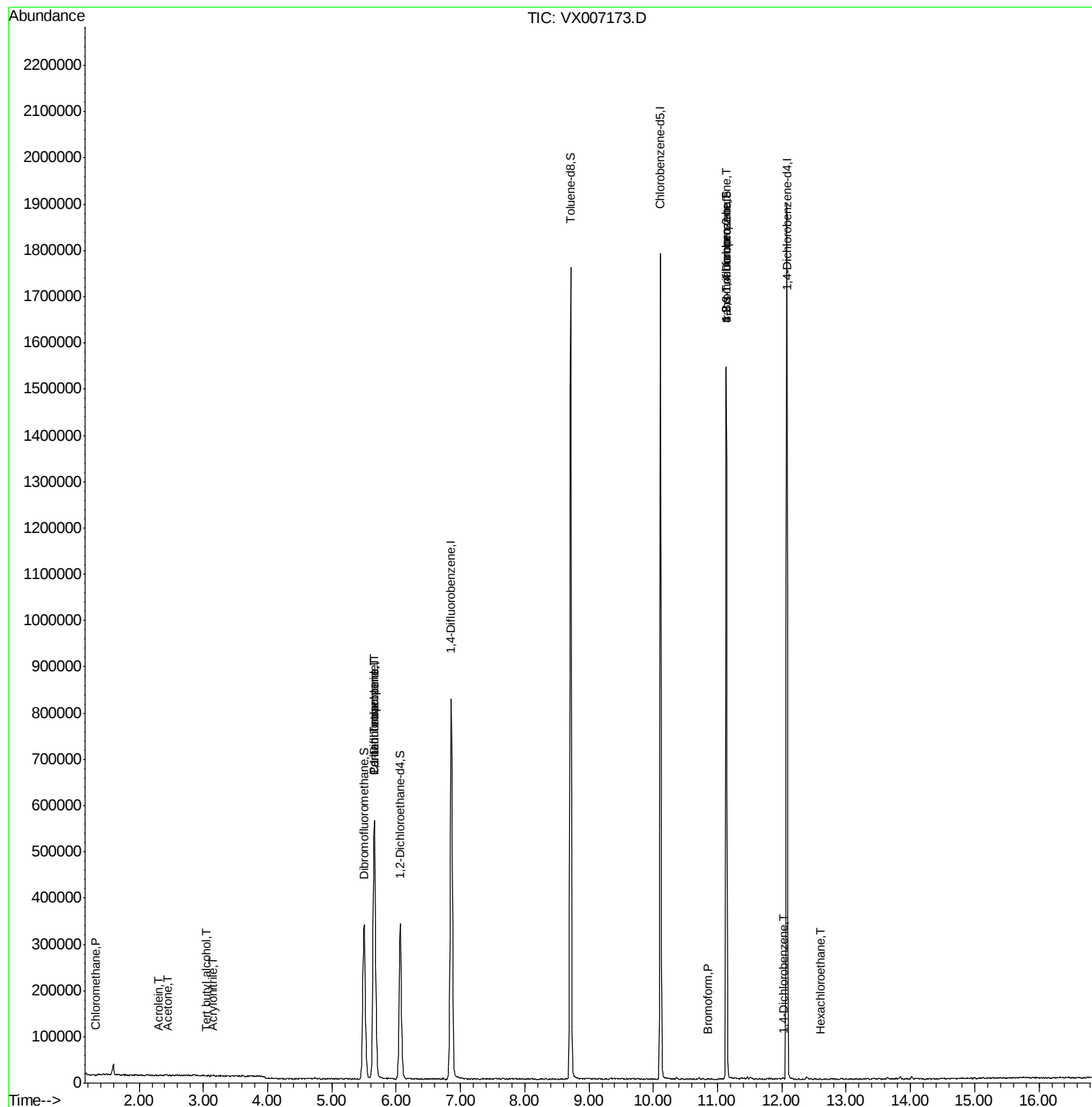
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1244	0.223	ug/l #	6
11) Tert butyl alcohol	3.05	59	344	0.239	ug/l #	1
13) Acrolein	2.29	56	365	3.666	ug/l	99
15) Acrylonitrile	3.15	53	1963	0.595	ug/l #	65
16) Acetone	2.44	43	2315	0.769	ug/l #	82
20) Methylene Chloride	2.86	84	1017	Below Cal	#	85
36) 1,1-Dichloropropene	5.66	75	37023	4.753	ug/l #	49
38) Carbon Tetrachloride	5.65	117	52287	6.672	ug/l #	15
49) 1,4-Dioxane	7.76	88	486	Below Cal	#	79
71) Bromoform	10.85	173	246	4.769	ug/l #	28
76) 1,2,3-Trichloropropane	11.13	75	178656	21.364	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	178656	63.377	ug/l #	10
88) 1,4-Dichlorobenzene	12.02	146	968	0.215	ug/l	83
90) Hexachloroethane	12.60	117	67	2.923	ug/l #	6

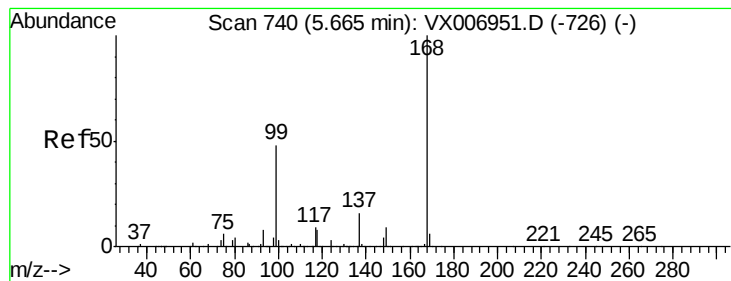
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 23 00:01:22 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: VX007173.D

Acq: 22 Jan 2019 11:13

Instrument :

MSVOA_X

ClientSampleId :

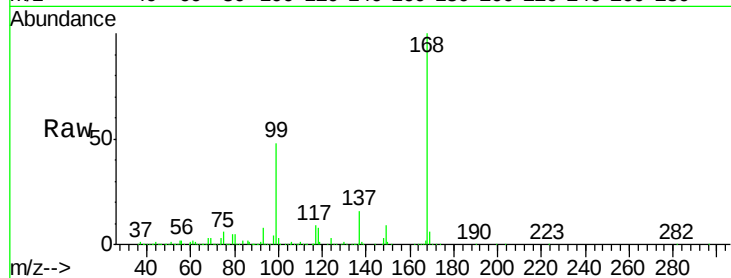
VX0122WBL01

Tot Ion:168 Resp: 582624

Ion Ratio Lower Upper

168 100

99 47.9 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

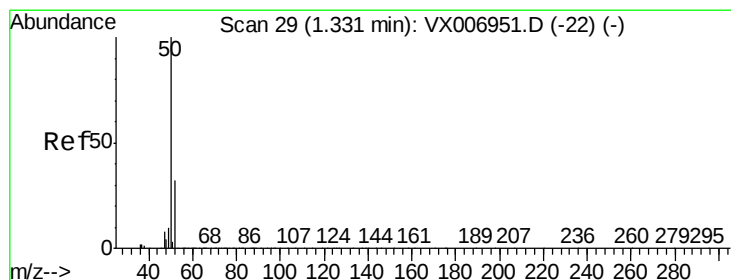
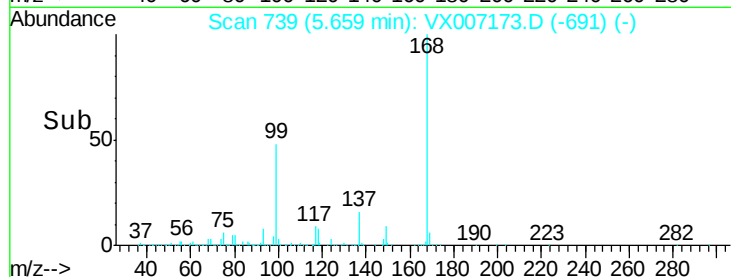
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.223 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007173.D

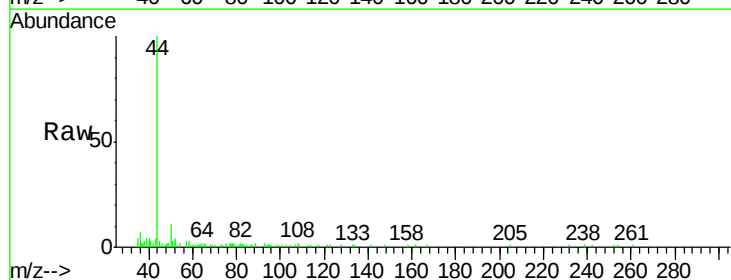
Acq: 22 Jan 2019 11:13

Tgt Ion: 50 Resp: 1244

Ion Ratio Lower Upper

50 100

52 83.9 25.4 38.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

1000

800

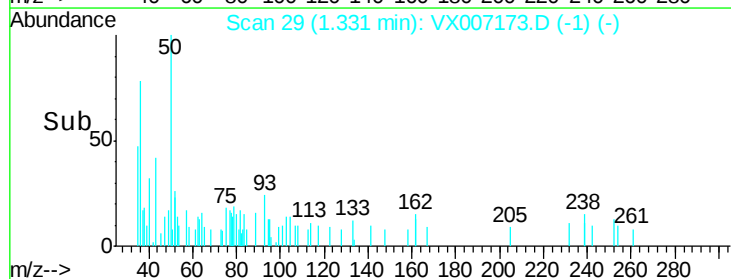
600

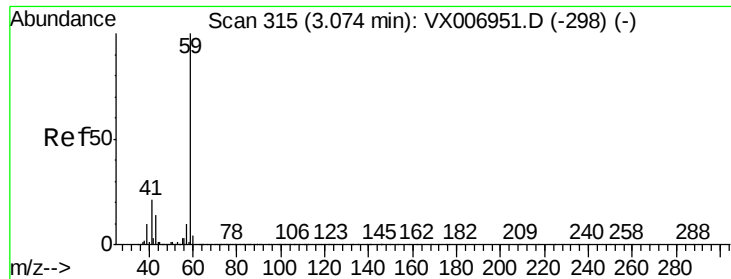
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200

0

Time-->

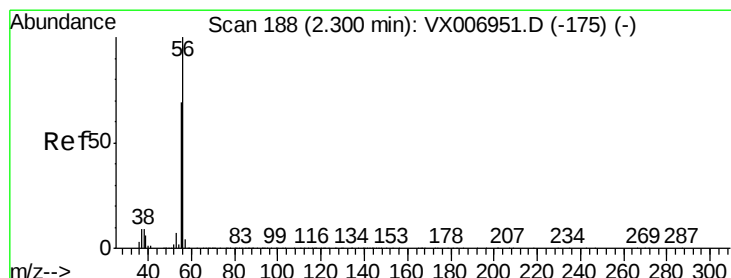
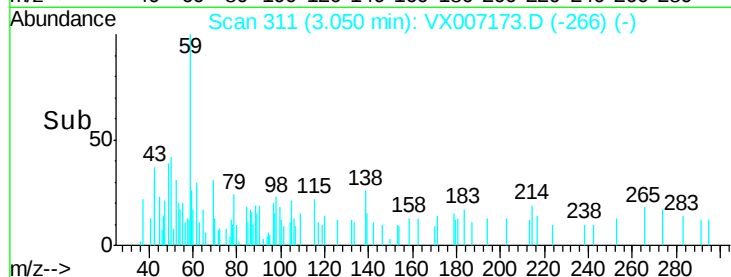
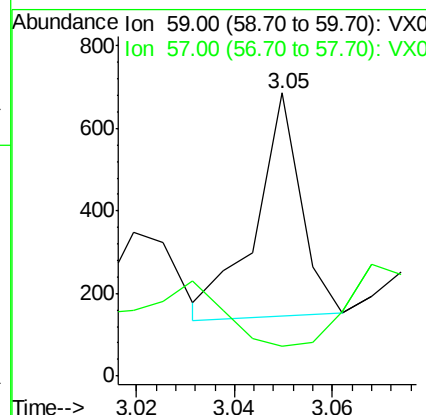
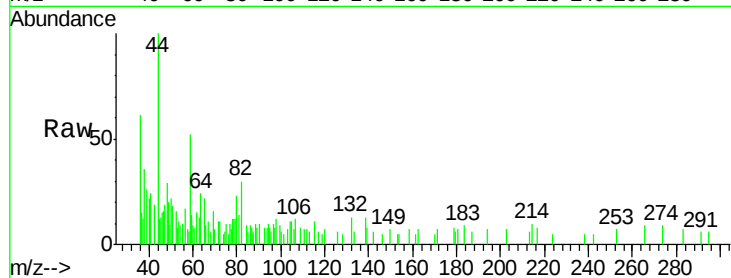




#11
Tert butyl alcohol
Concen: 0.239 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.02 min
Lab File: VX007173.D
Acq: 22 Jan 2019 11:13

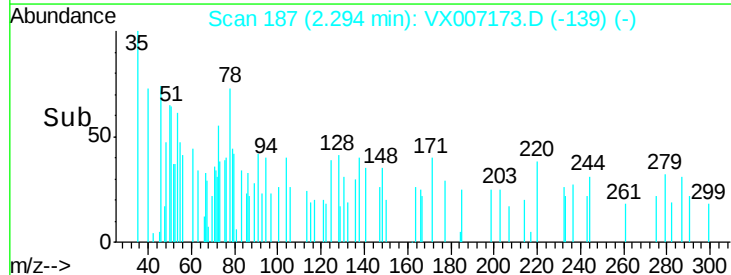
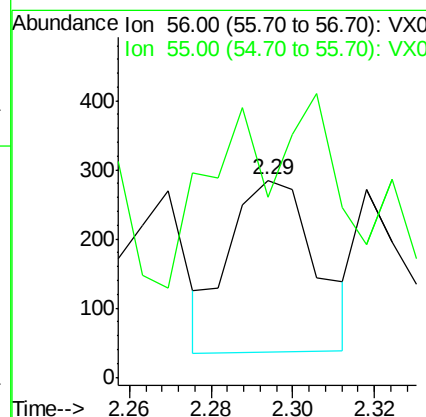
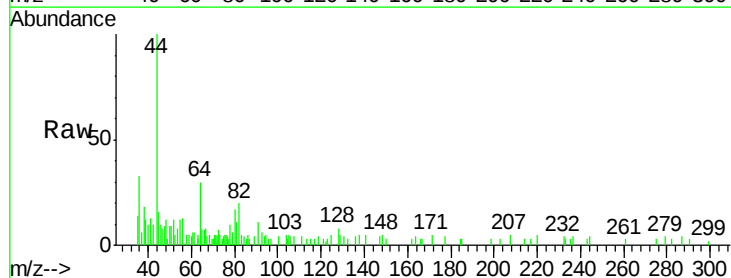
Instrument :
MSVOA_X
ClientSampleId :
VX0122WBL01

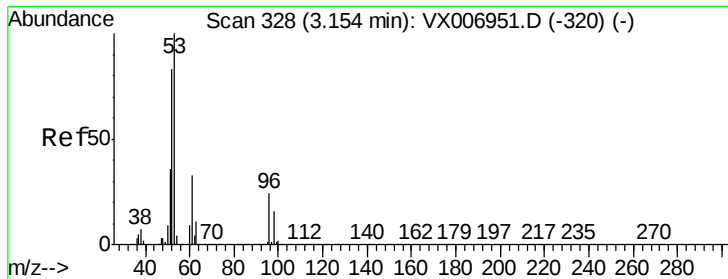
Tot Ion: 59 Resp: 344
Ion Ratio Lower Upper
59 100
57 127.0 8.5 12.7#



#13
Acrolein
Concen: 3.666 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX007173.D
Acq: 22 Jan 2019 11:13

Tgt Ion: 56 Resp: 365
Ion Ratio Lower Upper
56 100
55 72.3 58.2 87.4





#15

Acrylonitrile

Concen: 0.595 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007173.D

Acq: 22 Jan 2019 11:13

Instrument :

MSVOA_X

ClientSampled :

VX0122WBL01

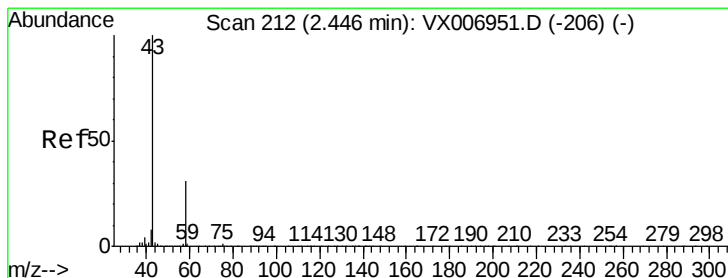
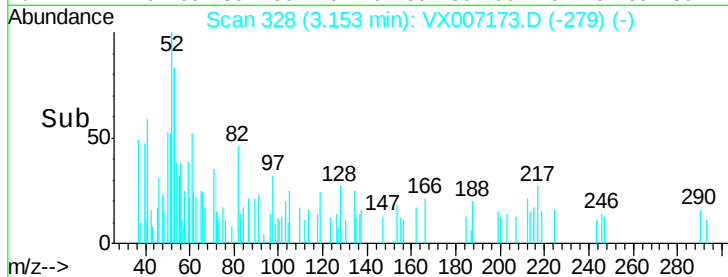
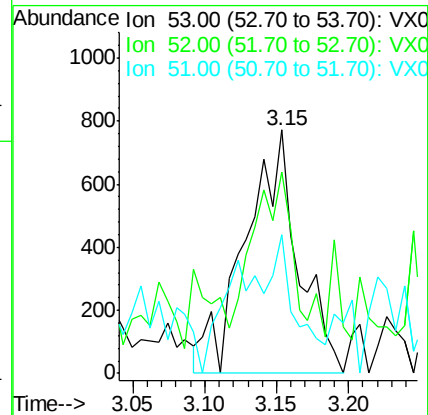
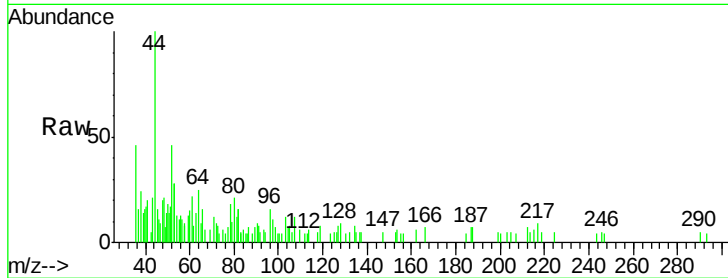
Tot Ion: 53 Resp: 1963

Ion Ratio Lower Upper

53 100

52 50.4 66.0 99.0#

51 15.2 28.6 42.8#



#16

Acetone

Concen: 0.769 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX007173.D

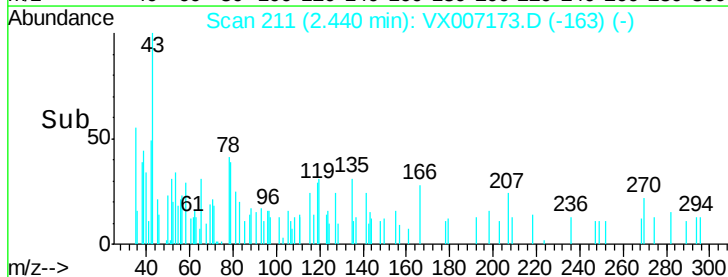
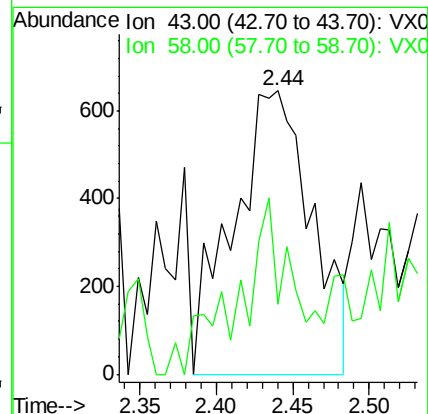
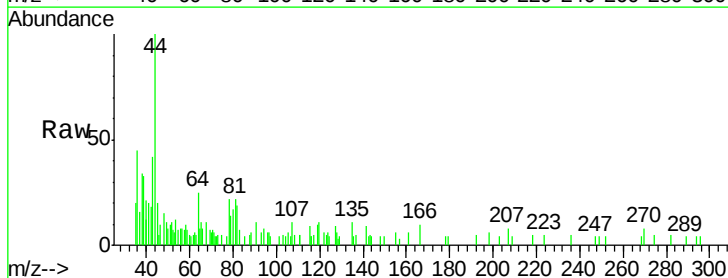
Acq: 22 Jan 2019 11:13

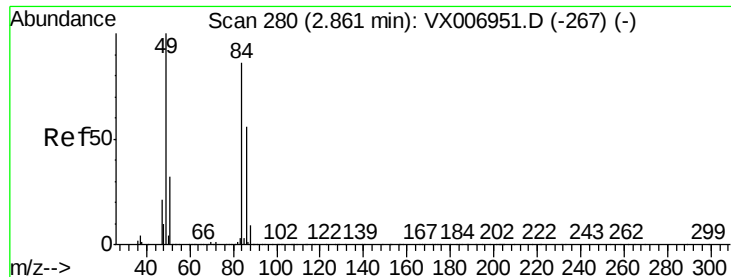
Tgt Ion: 43 Resp: 2315

Ion Ratio Lower Upper

43 100

58 21.4 25.0 37.6#

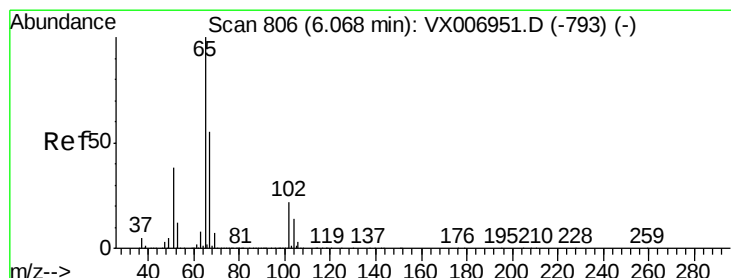
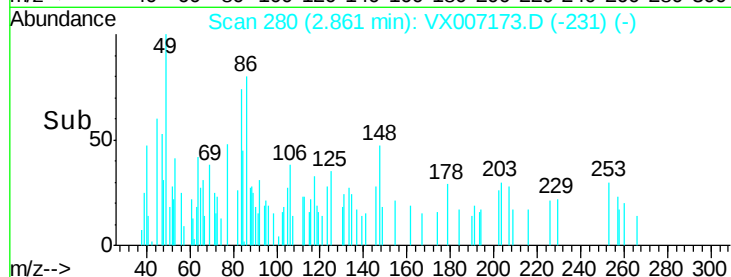
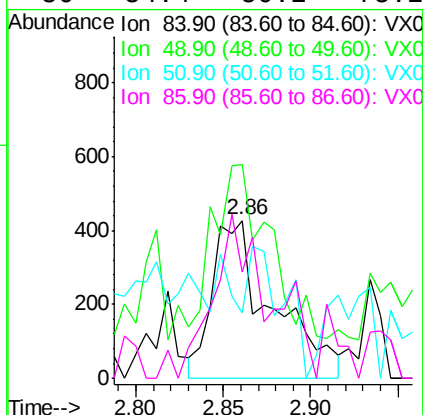
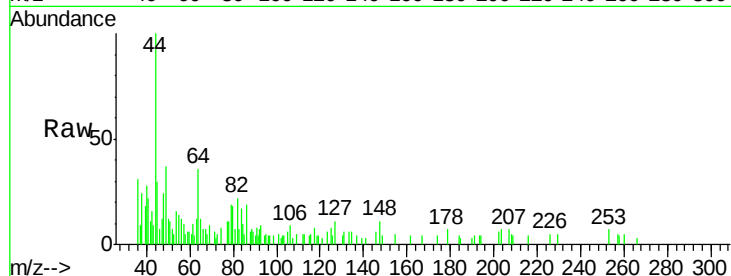




#20
Methvlene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007173.D
Acq: 22 Jan 2019 11:13

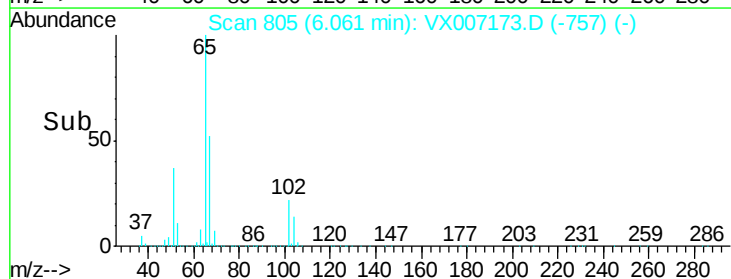
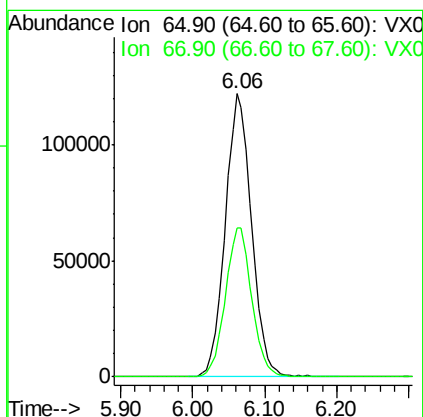
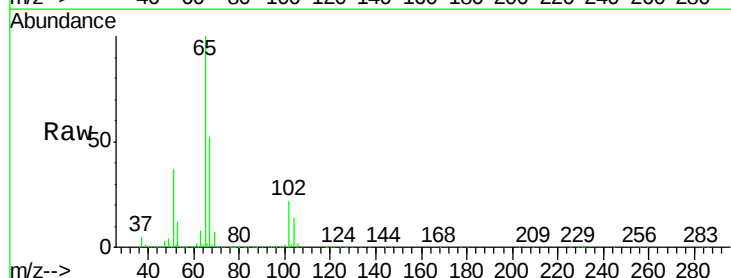
Instrument :
MSVOA_X
ClientSampleId :
VX0122WBL01

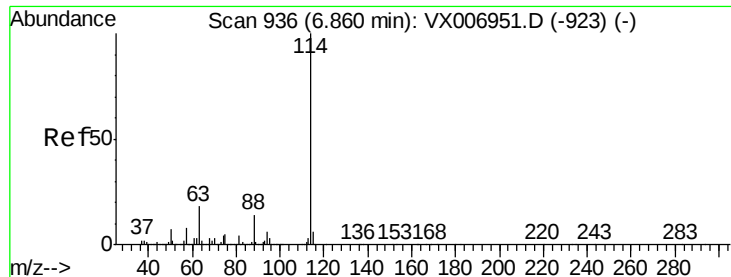
Tot Ion: 84 Resp: 1017
Ion Ratio Lower Upper
84 100
49 117.7 91.8 137.6
51 0.0 28.5 42.7#
86 54.4 50.2 75.2



#33
1,2-Dichloroethane-d4
Concen: 50.556 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX007173.D
Acq: 22 Jan 2019 11:13

Tgt Ion: 65 Resp: 307832
Ion Ratio Lower Upper
65 100
67 53.2 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: VX007173.D

Acq: 22 Jan 2019 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0122WBL01

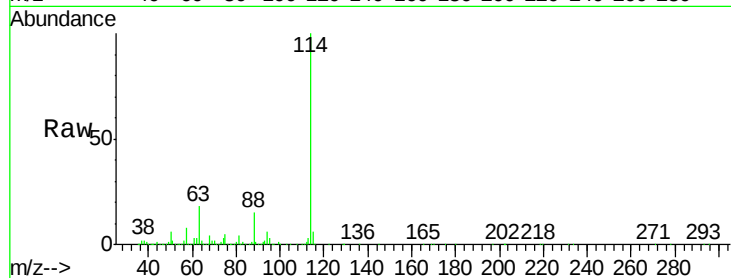
Tot Ion:114 Resp: 895920

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.8

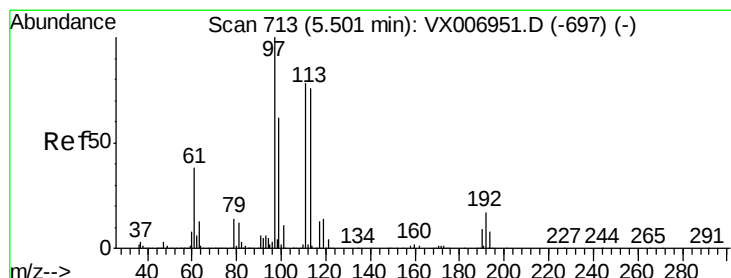
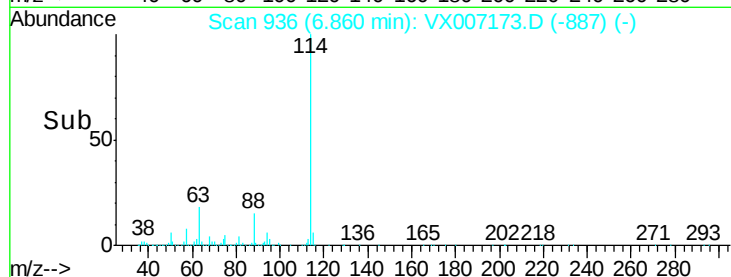
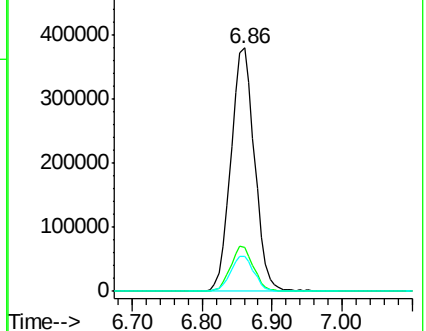
88 14.6 0.0 28.8



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: 48.772 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007173.D

Acq: 22 Jan 2019 11:13

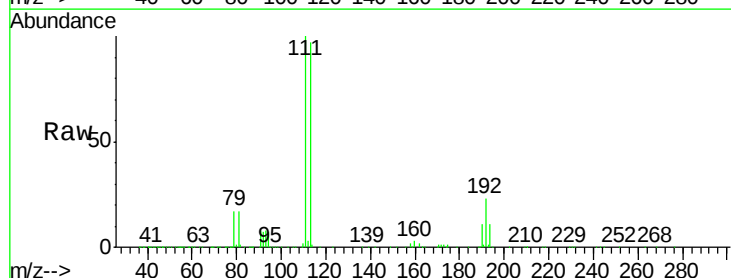
Tgt Ion:113 Resp: 279826

Ion Ratio Lower Upper

113 100

111 101.4 81.6 122.4

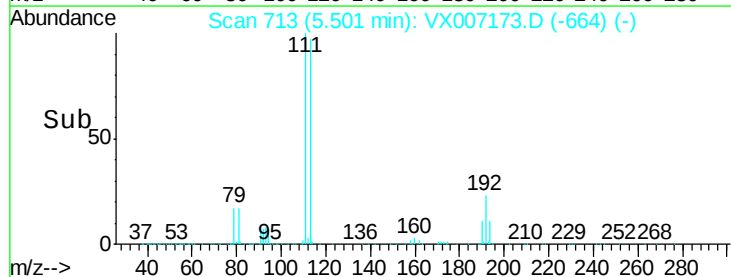
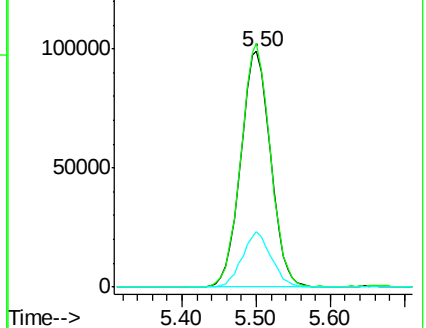
192 22.9 16.7 25.1

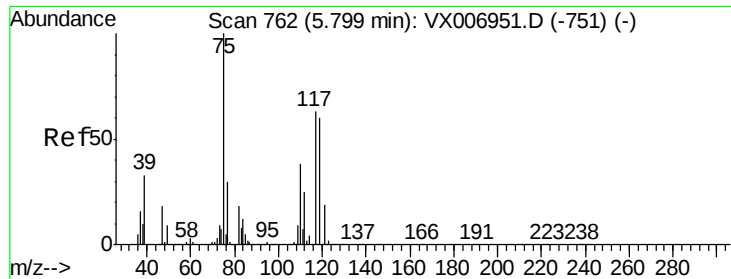


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

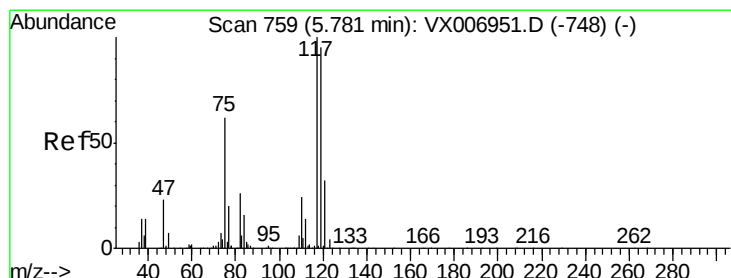
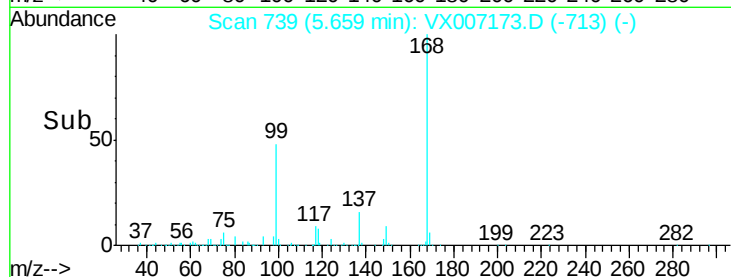
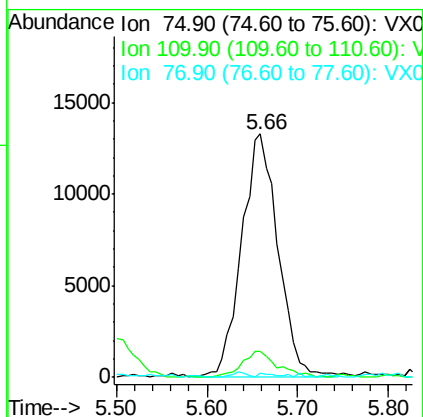
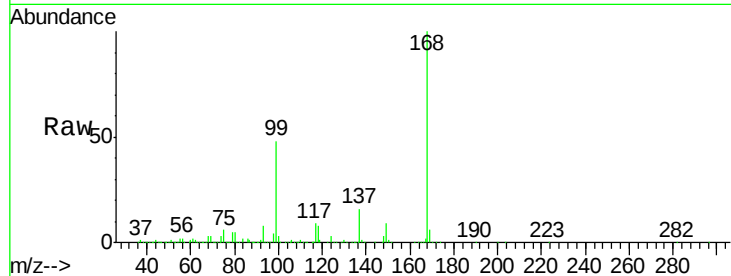




#36
 1,1-Dichloropropene
 Concen: 4.753 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX007173.D
 Acq: 22 Jan 2019 11:13

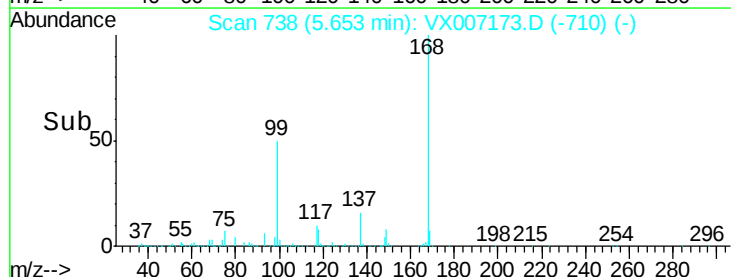
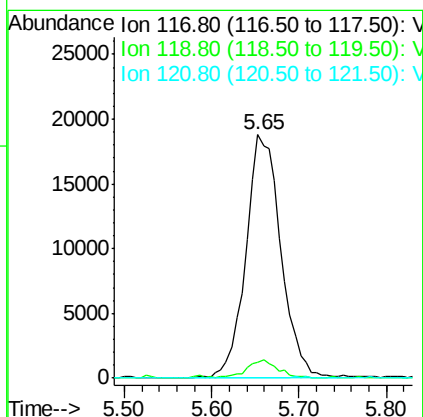
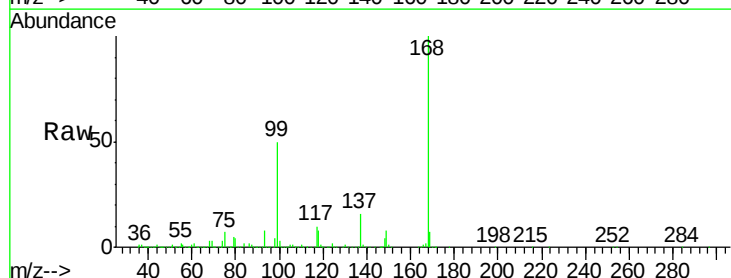
Instrument :
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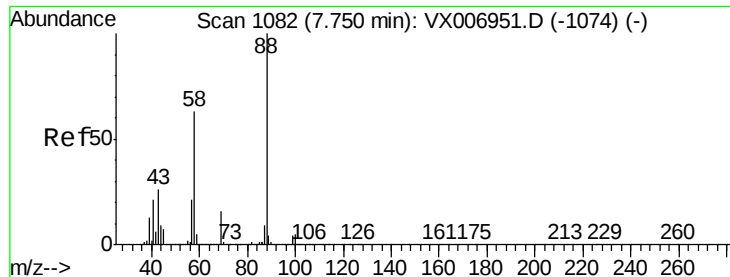
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.5	20.2	60.5#
77	0.4	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.672 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.13 min
 Lab File: VX007173.D
 Acq: 22 Jan 2019 11:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.3	79.4	119.2#
121	0.0	24.0	36.0#





#49

1,4-Dioxane

Concen: Below Cal

RT: 7.76 min Scan# 1084

Delta R.T. 0.01 min

Lab File: VX007173.D

Acq: 22 Jan 2019 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0122WBL01

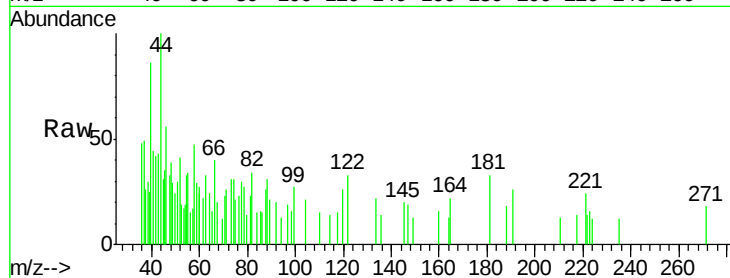
Tot Ion: 88 Resp: 486

Ion Ratio Lower Upper

88 100

43 34.4 22.2 33.4#

58 83.1 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

400

300

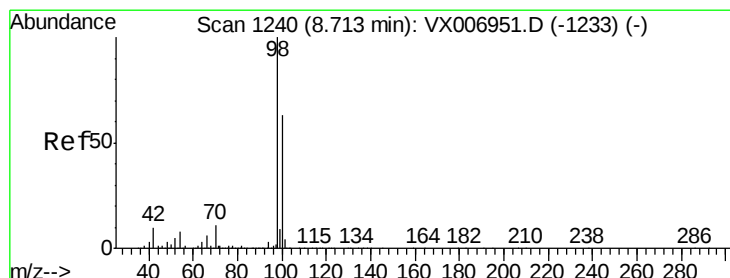
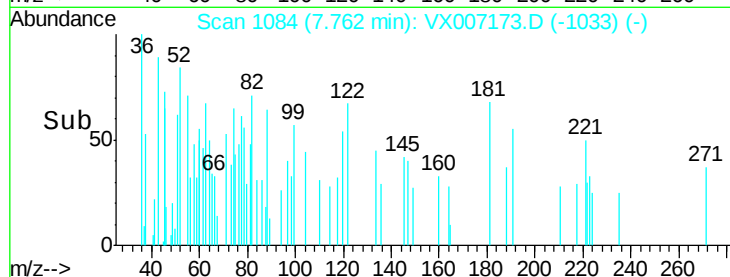
200

100

0

7.75 7.80

Time-->



#50

Toluene-d8

Concen: 49.924 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007173.D

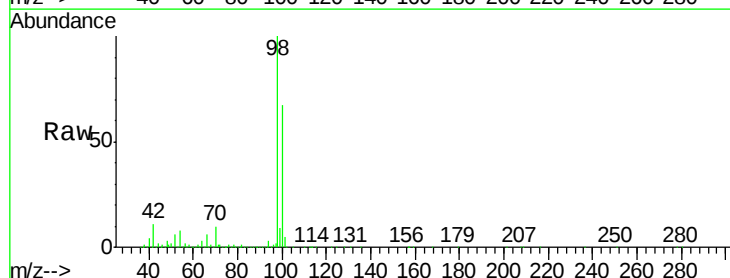
Acq: 22 Jan 2019 11:13

Tgt Ion: 98 Resp: 1048441

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

800000

600000

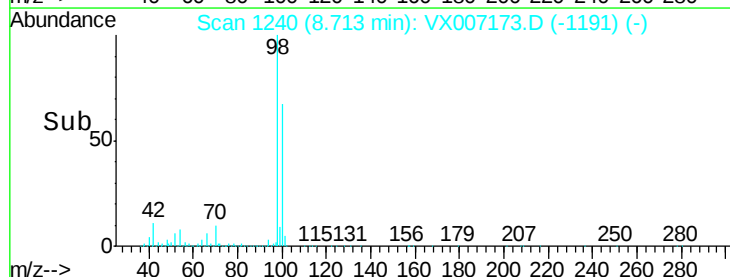
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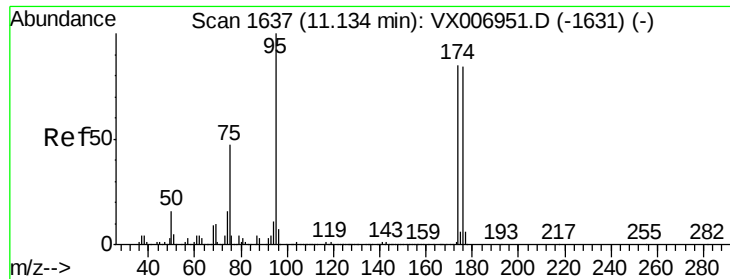
200000

0

8.60 8.70 8.80 8.90

Time-->





#62

4-Bromofluorobenzene

Concen: 51.479 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007173.D

Acq: 22 Jan 2019 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0122WBL01

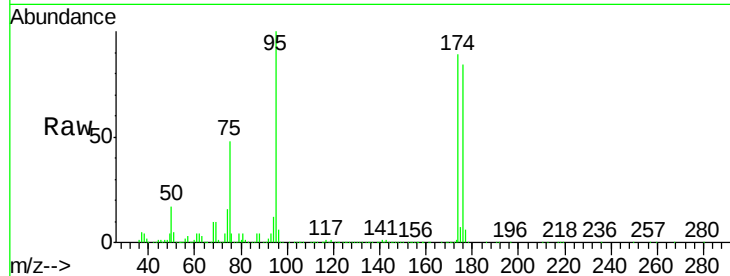
Tot Ion: 95 Resp: 376893

Ion Ratio Lower Upper

95 100

174 93.7 0.0 182.2

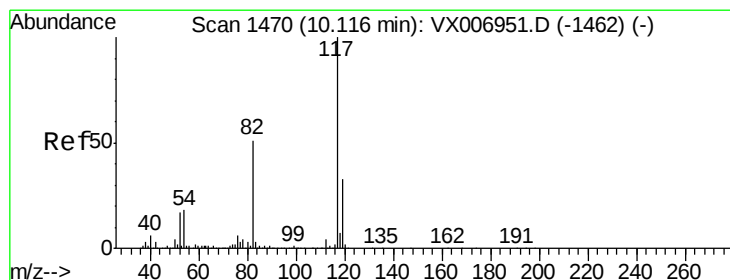
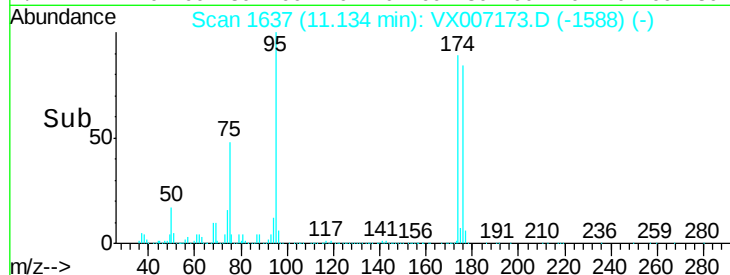
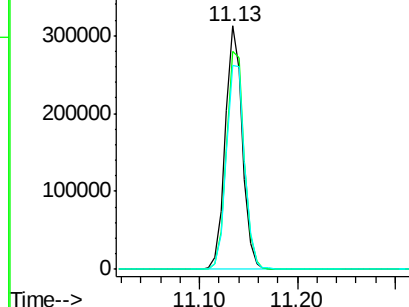
176 89.8 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX006951.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX006951.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX006951.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VX007173.D

Acq: 22 Jan 2019 11:13

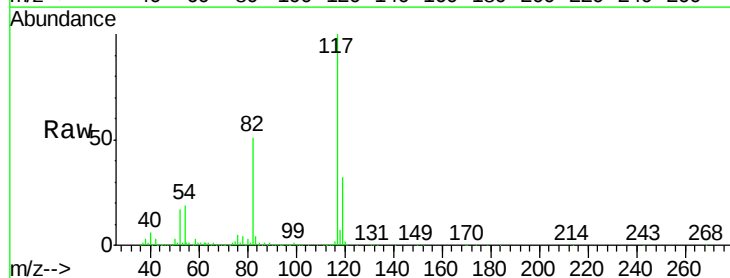
Tgt Ion: 117 Resp: 822491

Ion Ratio Lower Upper

117 100

82 51.4 41.0 61.6

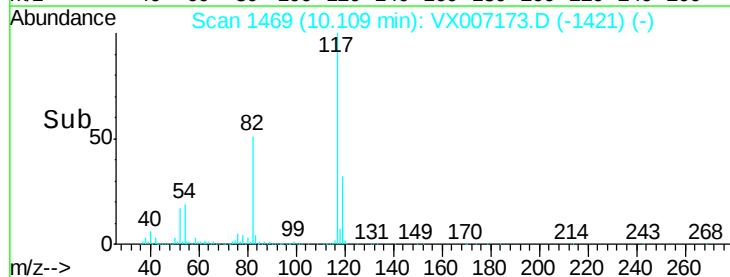
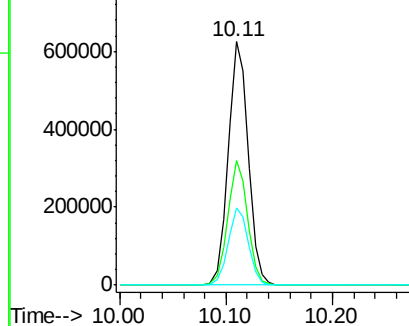
119 31.6 25.4 38.0

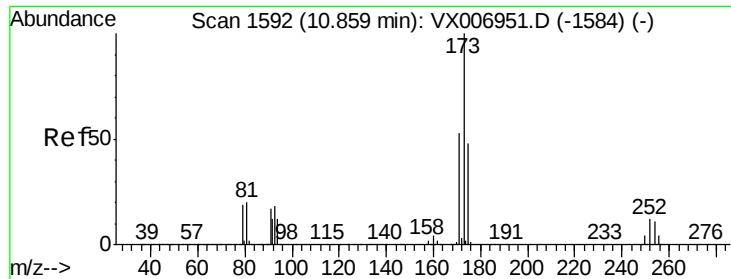


Abundance Ion 116.90 (116.60 to 117.60): VX006951.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX006951.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006951.D (-1462) (-)

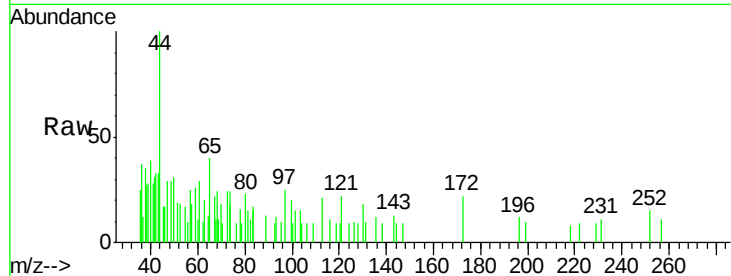




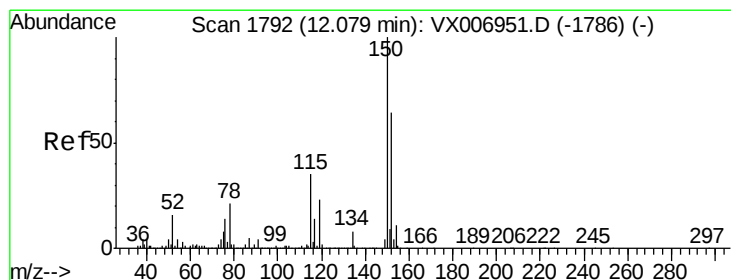
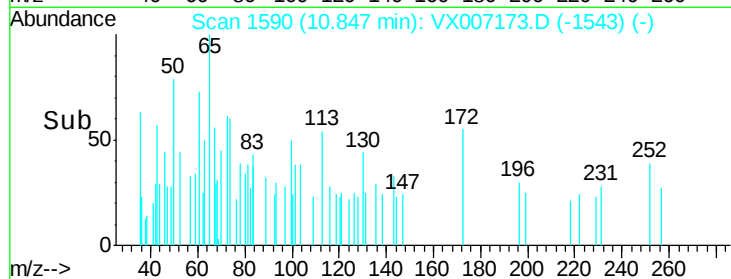
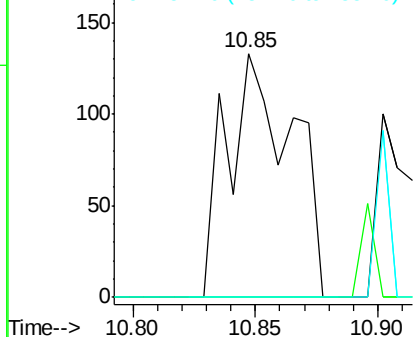
#71
Bromoform
Concen: 4.769 ug/l
RT: 10.85 min Scan# 1590
Delta R.T. -0.01 min
Lab File: VX007173.D
Acq: 22 Jan 2019 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX0122WBL01

Tot Ion:173 Resp: 246
Ion Ratio Lower Upper
173 100
175 0.0 24.7 74.1#
254 0.0 0.2 0.2#

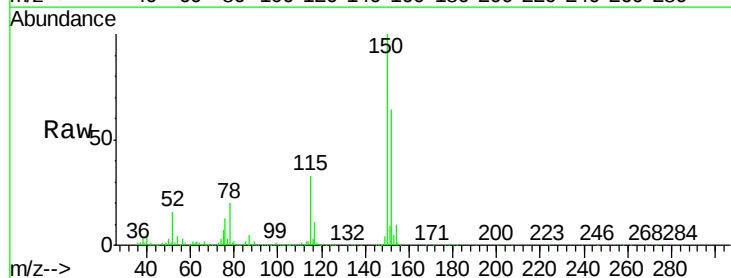


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

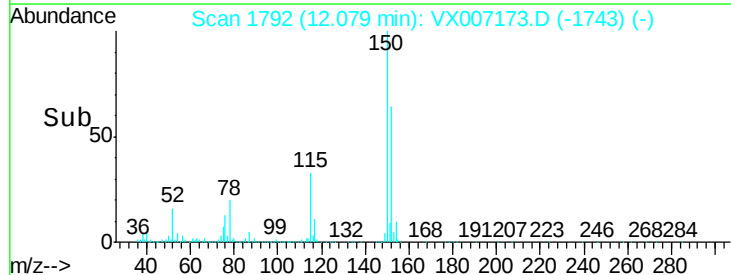
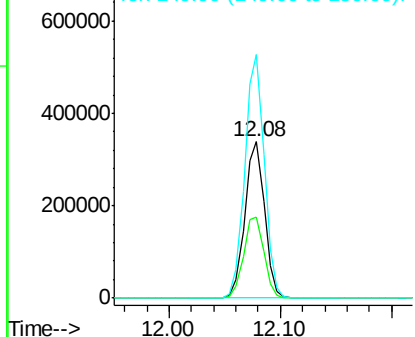


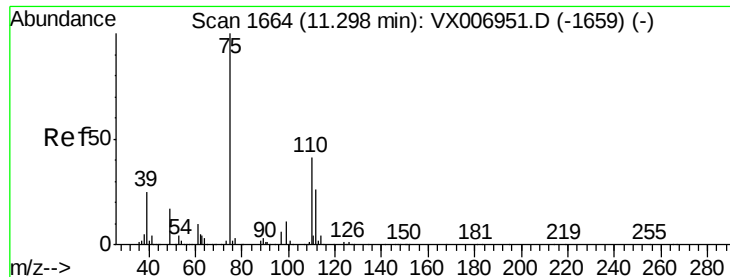
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007173.D
Acq: 22 Jan 2019 11:13

Tgt Ion:152 Resp: 412673
Ion Ratio Lower Upper
152 100
115 53.9 39.1 117.2
150 154.5 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: 21.364 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007173.D

Acq: 22 Jan 2019 11:13

Instrument :

MSVOA_X

ClientSampleId :

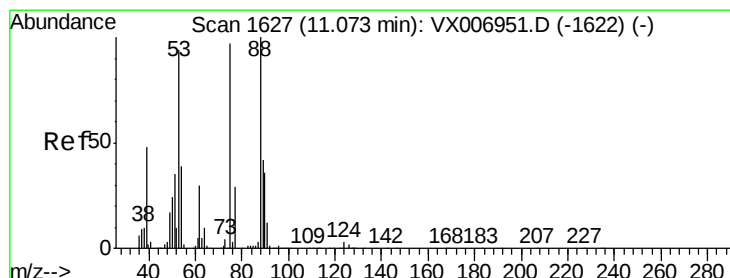
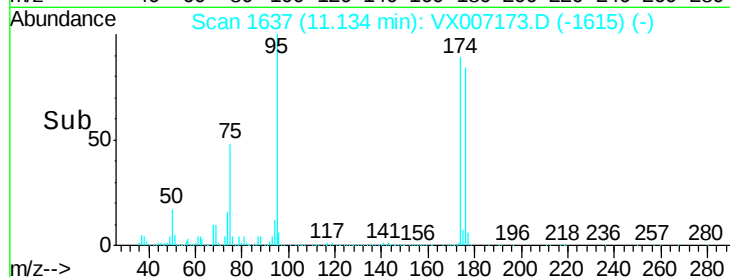
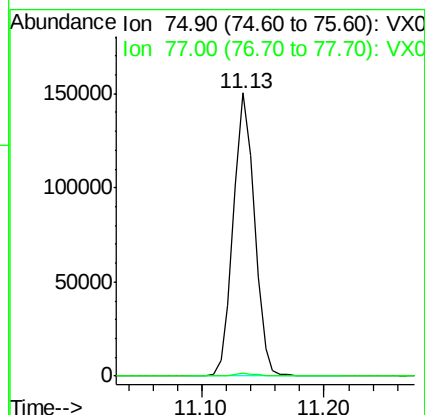
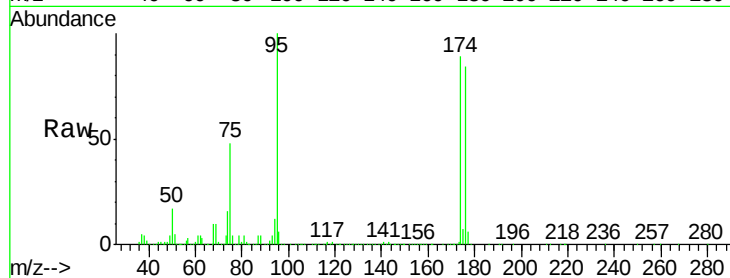
VX0122WBL01

Tot Ion: 75 Resp: 178656

Ion Ratio Lower Upper

75 100

77 1.2 18.5 55.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.377 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007173.D

Acq: 22 Jan 2019 11:13

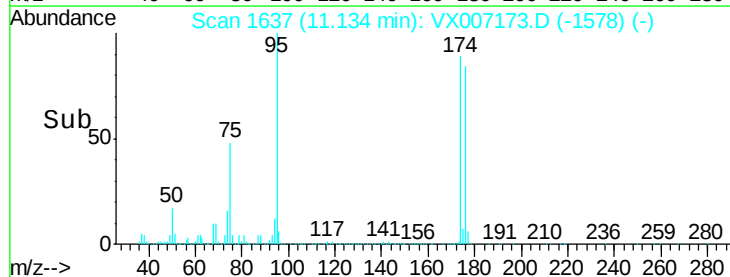
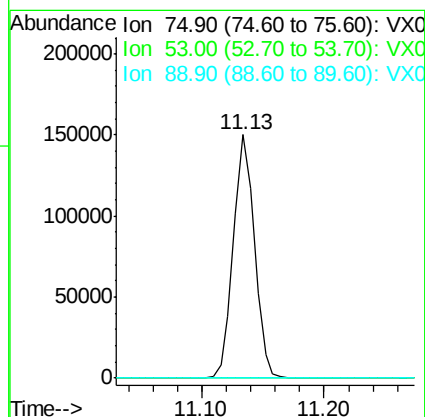
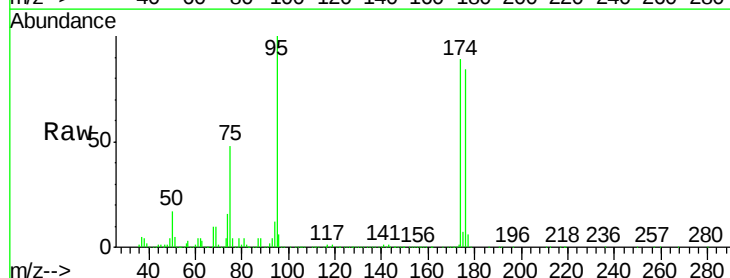
Tgt Ion: 75 Resp: 178656

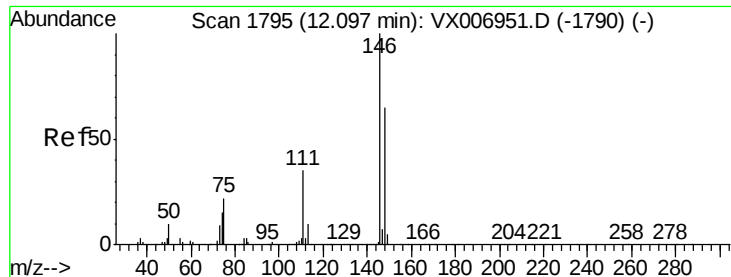
Ion Ratio Lower Upper

75 100

53 0.1 79.7 119.5#

89 0.1 38.0 57.0#





#88

1,4-Dichlorobenzene

Concen: 0.215 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.07 min

Lab File: VX007173.D

Acq: 22 Jan 2019 11:13

Instrument :

MSVOA_X

ClientSampled :

VX0122WBL01

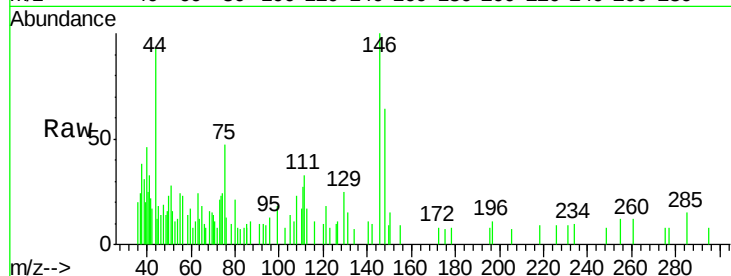
Tot Ion:146 Resp: 968

Ion Ratio Lower Upper

146 100

111 53.9 18.1 54.1

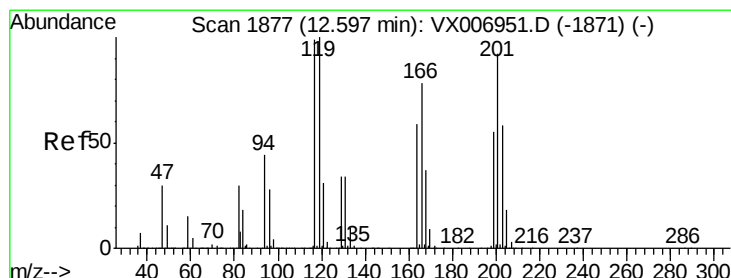
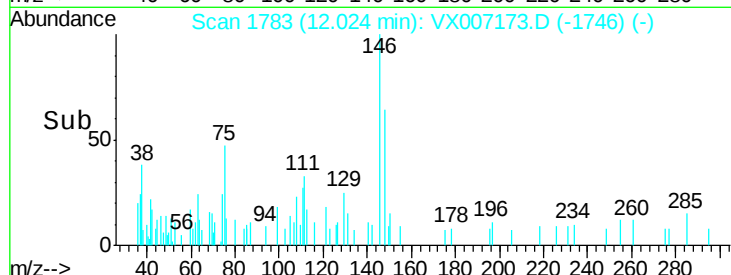
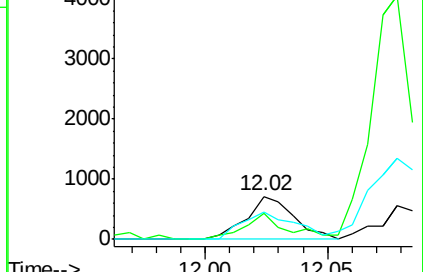
148 71.6 31.9 95.9



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: 2.923 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX007173.D

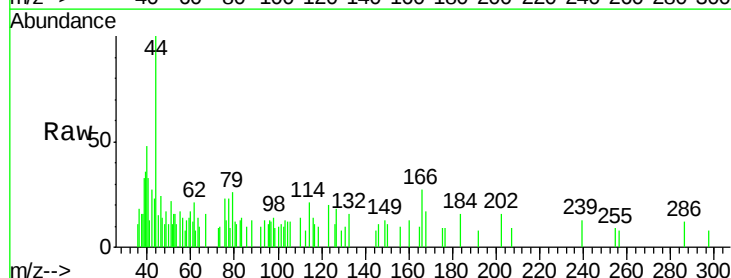
Acq: 22 Jan 2019 11:13

Tgt Ion:117 Resp: 67

Ion Ratio Lower Upper

117 100

201 0.0 42.9 128.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

