

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010219\
 Data File : VX006873.D
 Acq On : 02 Jan 2019 11:25
 Operator : JC/MD
 Sample : VX0102MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102MBL01

Quant Time: Jan 03 00:08:20 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	5.67	168	756943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1116588	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1032048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	514486	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	379165	46.48	ug/l	0.00
Spiked Amount			Recovery	=	92.96%	
35) Dibromofluoromethane	5.51	113	342818	48.55	ug/l	0.00
Spiked Amount			Recovery	=	97.10%	
50) Toluene-d8	8.71	98	1318757	49.54	ug/l	0.00
Spiked Amount			Recovery	=	99.08%	
62) 4-Bromofluorobenzene	11.13	95	478482	49.08	ug/l	0.00
Spiked Amount			Recovery	=	98.16%	

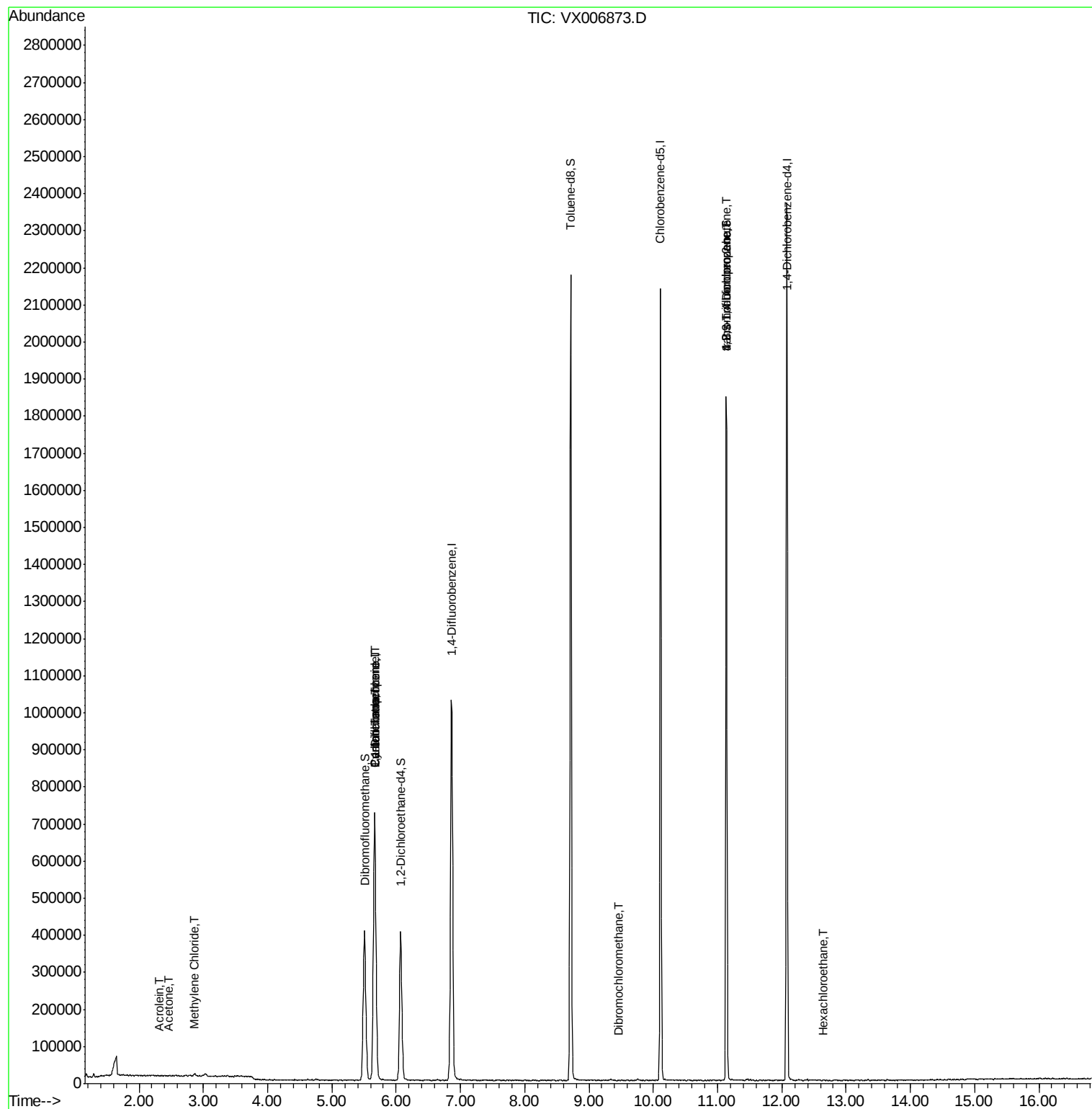
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	1776	Below Cal		93
13) Acrolein	2.31	56	340	0.277	ug/l	85
16) Acetone	2.45	43	779	0.208	ug/l #	55
20) Methylene Chloride	2.85	84	3430	0.443	ug/l #	89
28) Bromochloromethane	5.03	49	335	Below Cal	#	9
31) Cyclohexane	5.67	56	13149	1.164	ug/l #	20
36) 1,1-Dichloropropene	5.66	75	47152	5.099	ug/l #	39
38) Carbon Tetrachloride	5.67	117	66949	7.449	ug/l #	15
49) 1,4-Dioxane	7.76	88	40	Below Cal	#	1
60) Dibromochloromethane	9.46	129	123	2.339	ug/l	63
76) 1,2,3-Trichloropropane	11.13	75	226842	23.725	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	226842	70.323	ug/l #	10
90) Hexachloroethane	12.64	117	43	3.301	ug/l	97

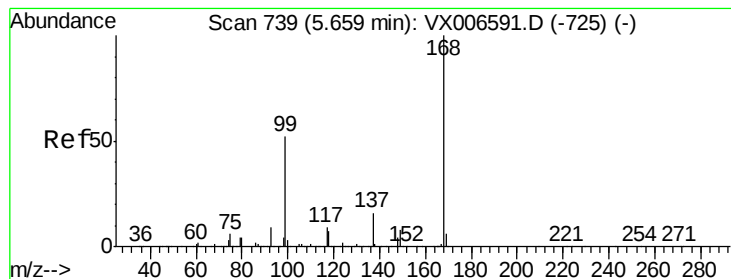
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX010219\
Data File : VX006873.D
Acq On : 02 Jan 2019 11:25
Operator : JC/MD
Sample : VX0102MBL01
Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleID :
VX0102MBL01

Quant Time: Jan 03 00:08:20 2019
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: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006873.D

Acq: 02 Jan 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

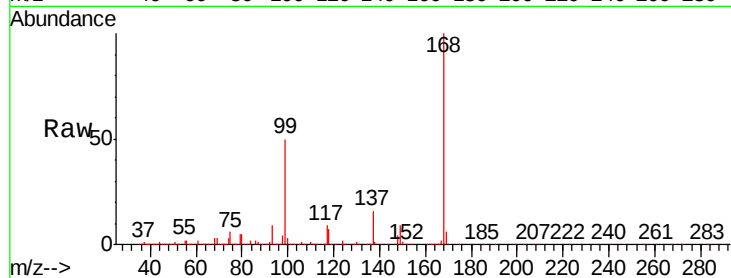
VX0102MBL01

Tgt Ion:168 Resp: 756943

Ion Ratio Lower Upper

168 100

99 49.5 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

300000

250000

200000

150000

100000

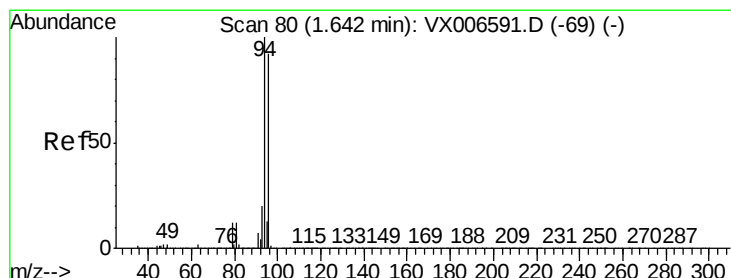
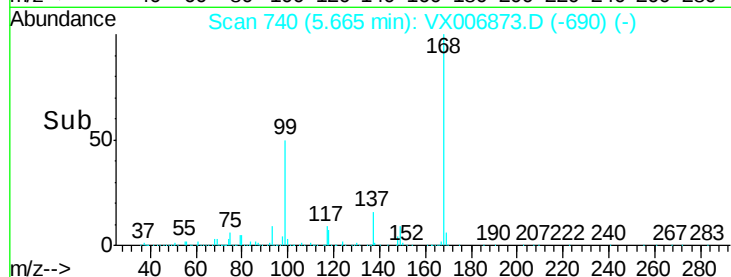
50000

0

Time-->

5.50 5.60 5.70 5.80

5.67



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX006873.D

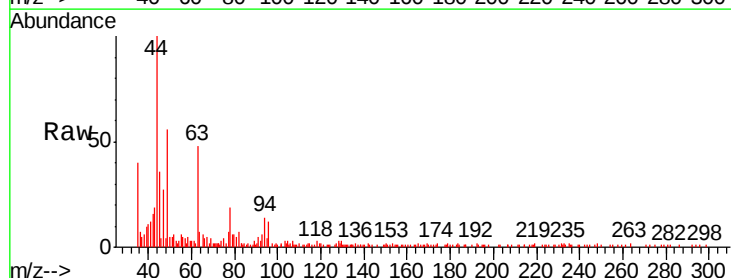
Acq: 02 Jan 2019 11:25

Tgt Ion: 94 Resp: 1776

Ion Ratio Lower Upper

94 100

96 98.6 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1500

1000

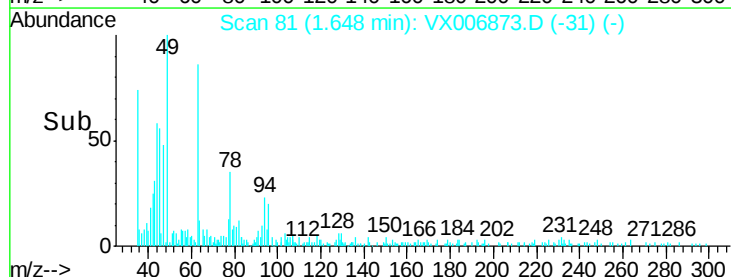
500

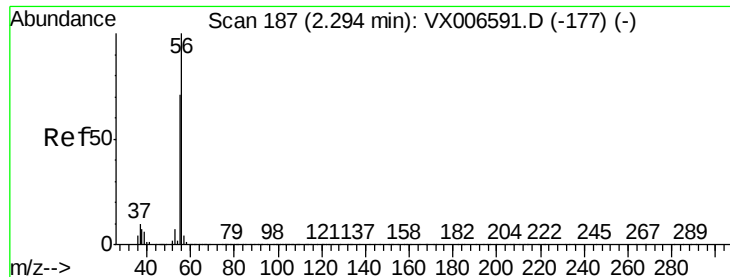
0

Time-->

1.60 1.65 1.70

1.65





#13

Acrolein

Concen: 0.277 ug/l

RT: 2.31 min Scan# 190

Delta R.T. 0.02 min

Lab File: VX006873.D

Acq: 02 Jan 2019 11:25

Instrument :

MSVOA_X

ClientSampled :

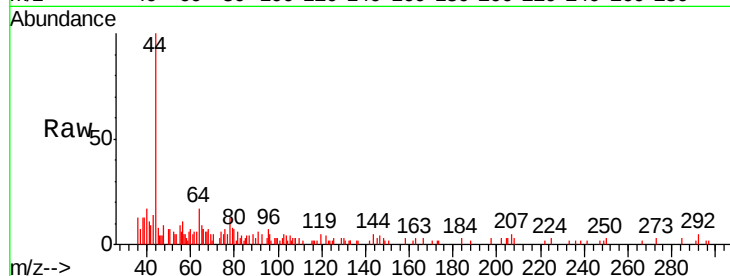
VX0102MBL01

Tgt Ion: 56 Resp: 340

Ion Ratio Lower Upper

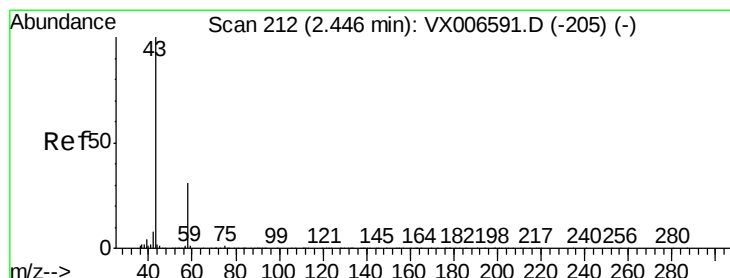
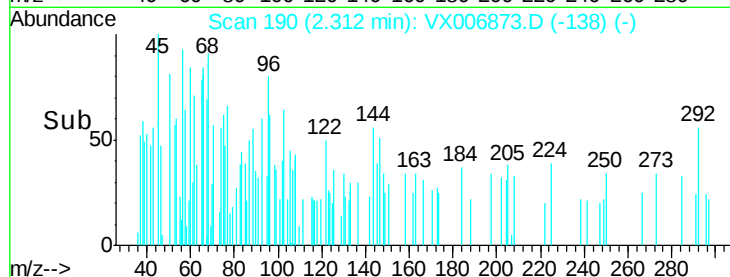
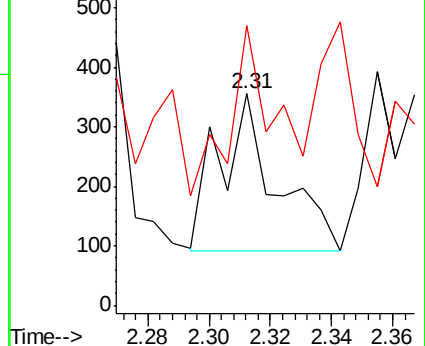
56 100

55 85.6 58.2 87.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 0.208 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006873.D

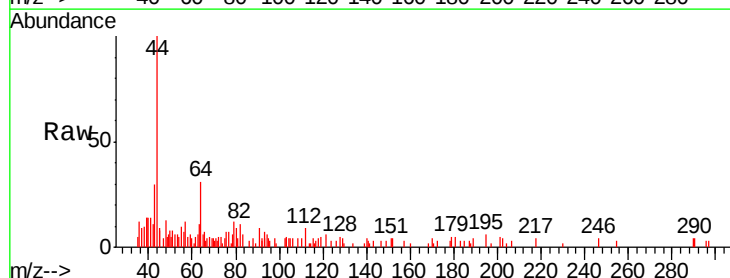
Acq: 02 Jan 2019 11:25

Tgt Ion: 43 Resp: 779

Ion Ratio Lower Upper

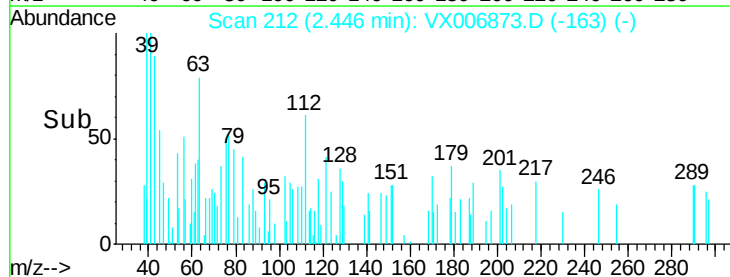
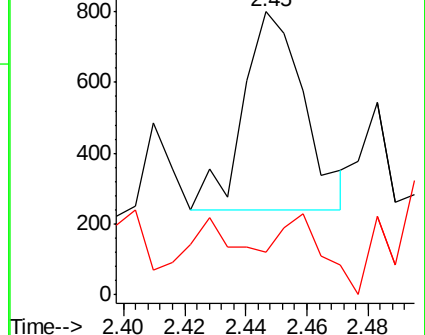
43 100

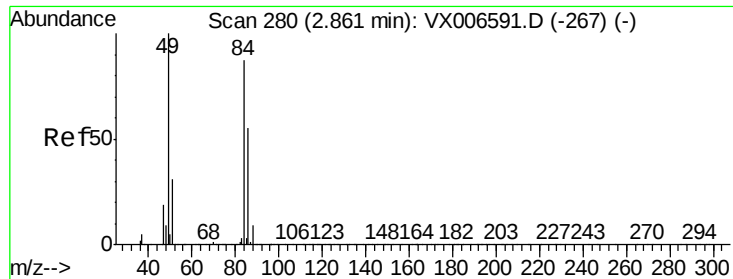
58 6.4 25.0 37.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

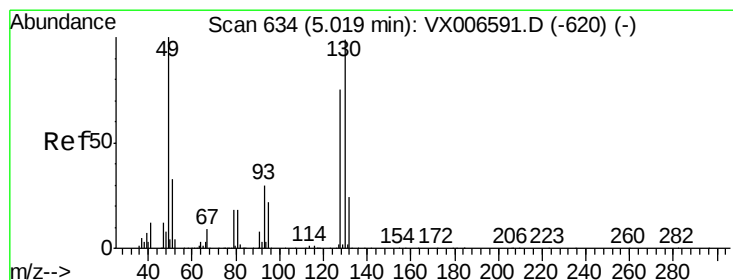
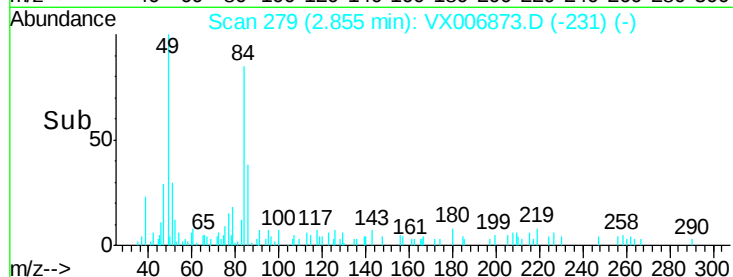
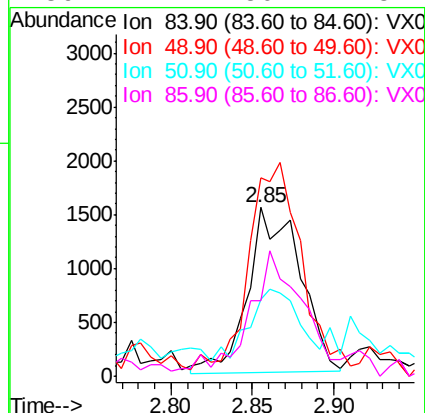
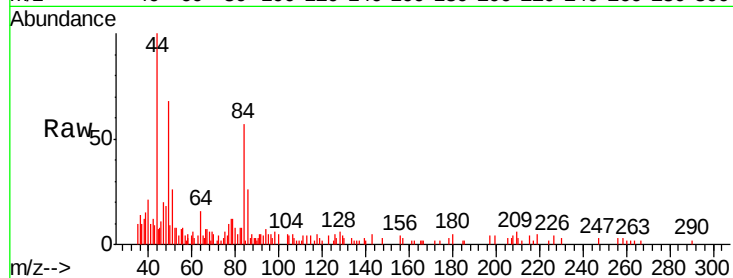




#20
Methylene Chloride
Concen: 0.443 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006873.D
Acq: 02 Jan 2019 11:25

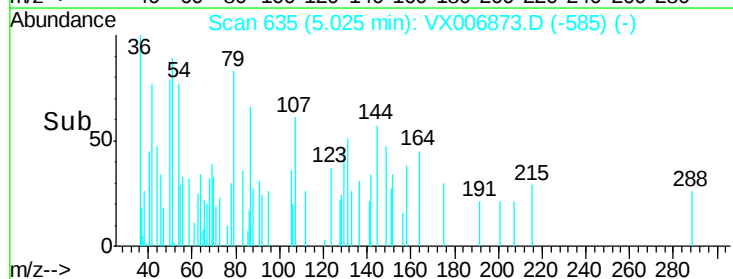
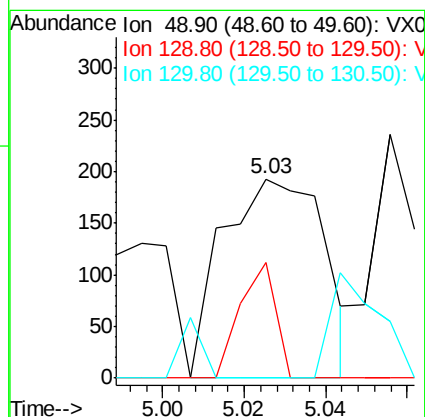
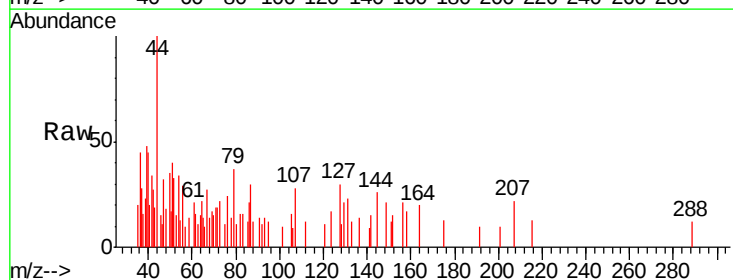
Instrument :
MSVOA_X
ClientSampleId :
VX0102MBL01

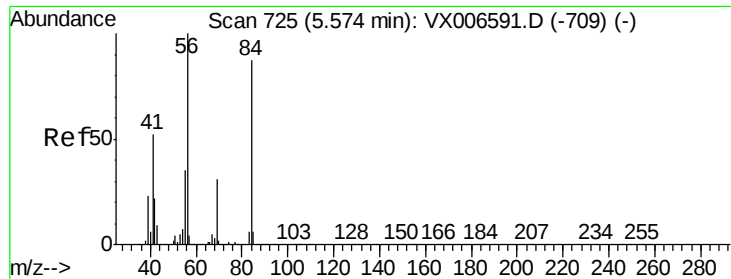
Tgt Ion: 84 Resp: 3430
Ion Ratio Lower Upper
84 100
49 119.9 91.8 137.6
51 34.3 28.5 42.7
86 42.2 50.2 75.2#



#28
Bromochloromethane
Concen: Below Cal
RT: 5.03 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX006873.D
Acq: 02 Jan 2019 11:25

Tgt Ion: 49 Resp: 335
Ion Ratio Lower Upper
49 100
129 20.0 0.0 5.4#
130 6.6 77.7 116.5#

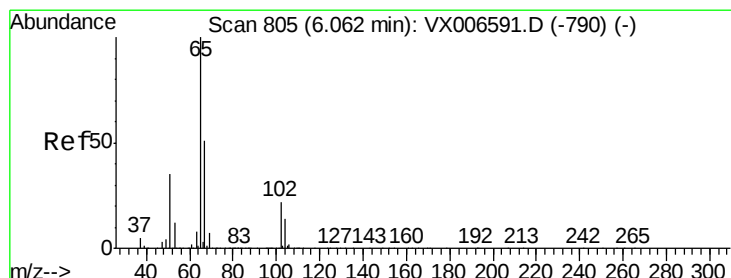
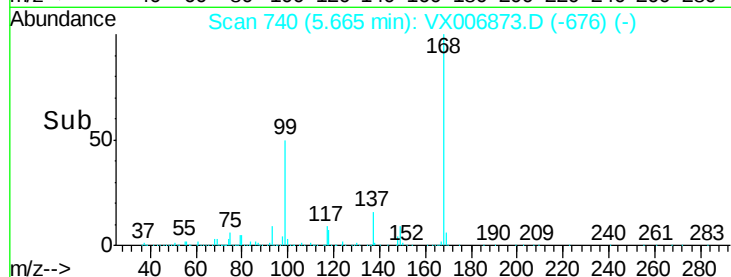
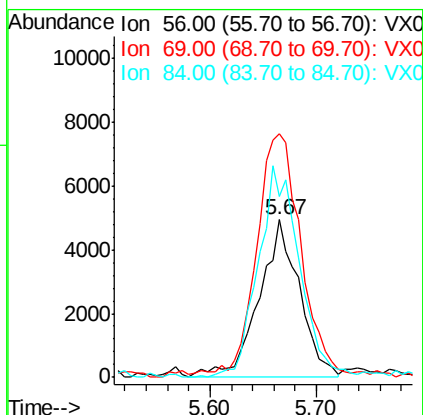
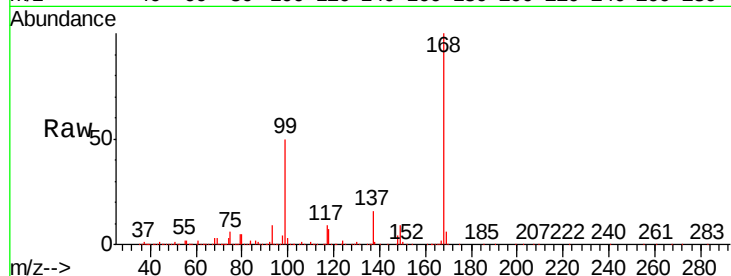




#31
Cyclohexane
Concen: 1.164 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX006873.D
Acq: 02 Jan 2019 11:25

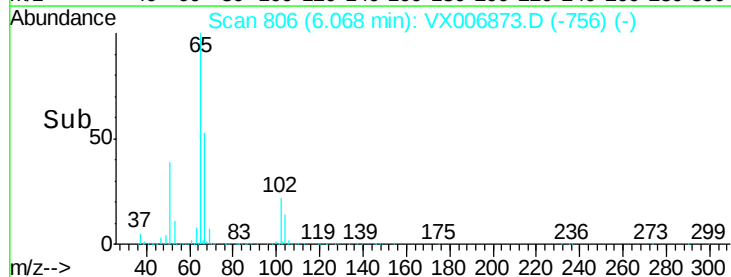
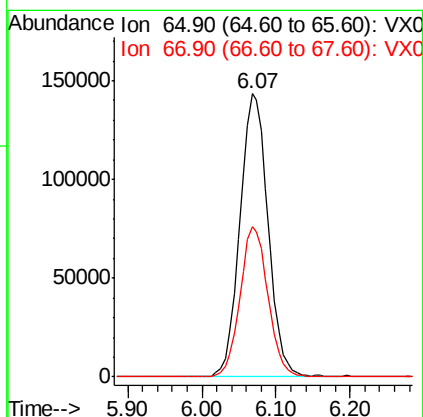
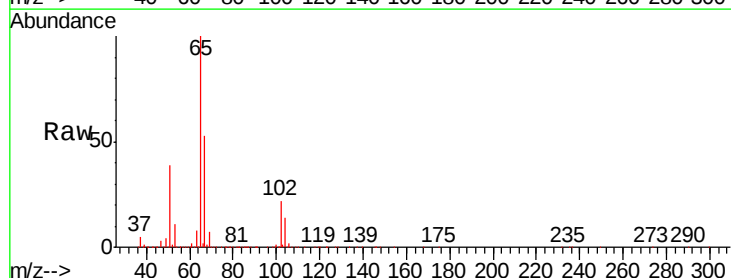
Instrument :
MSVOA_X
ClientSampleId :
VX0102MBL01

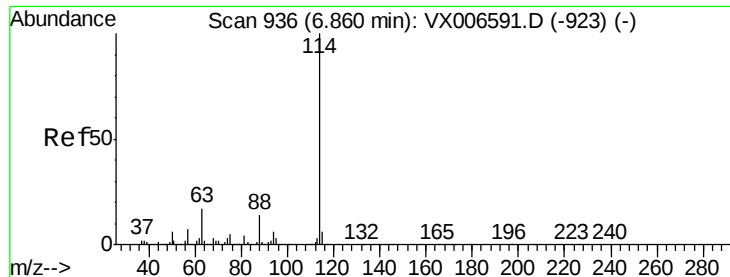
Tgt Ion: 56 Resp: 13149
Ion Ratio Lower Upper
56 100
69 152.6 24.4 36.6#
84 114.7 70.0 105.0#



#33
1,2-Dichloroethane-d4
Concen: 46.478 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006873.D
Acq: 02 Jan 2019 11:25

Tgt Ion: 65 Resp: 379165
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: VX006873.D

Acq: 02 Jan 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

VX0102MBL01

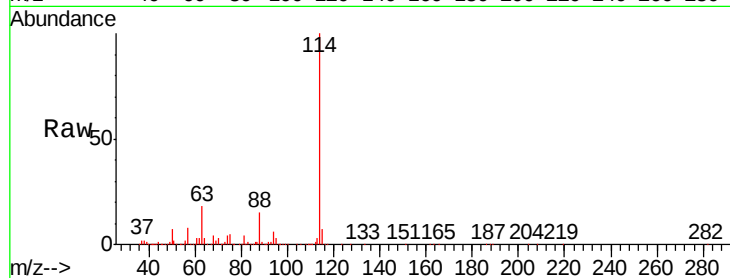
Tgt Ion:114 Resp: 1116588

Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.8

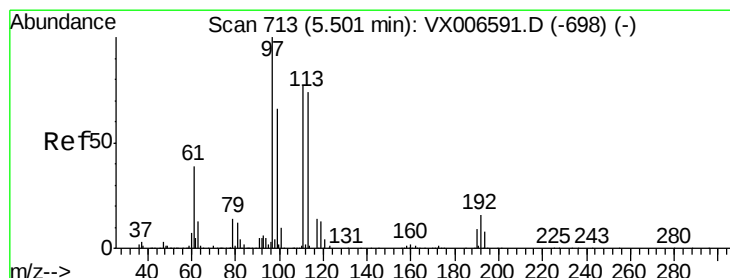
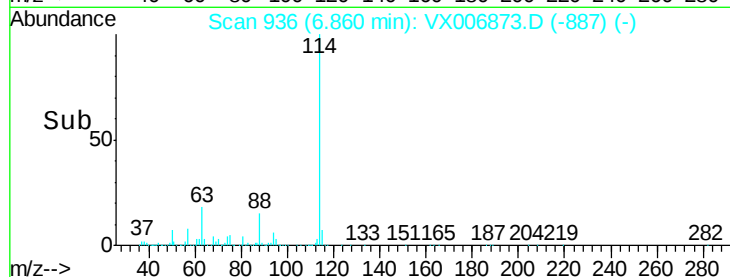
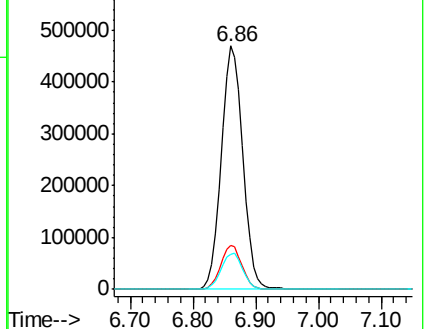
88 14.5 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.550 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006873.D

Acq: 02 Jan 2019 11:25

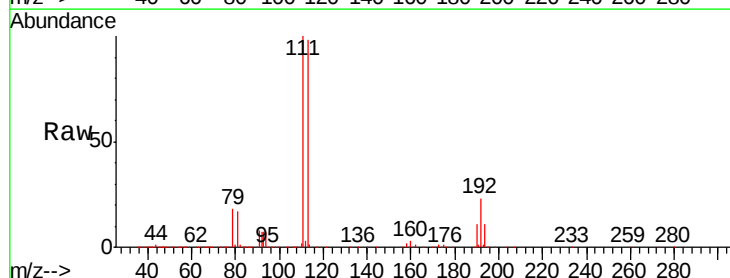
Tgt Ion:113 Resp: 342818

Ion Ratio Lower Upper

113 100

111 101.3 81.6 122.4

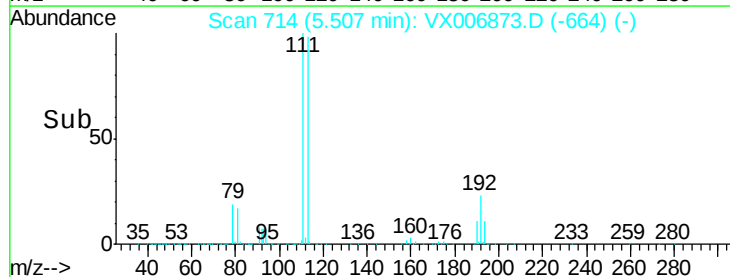
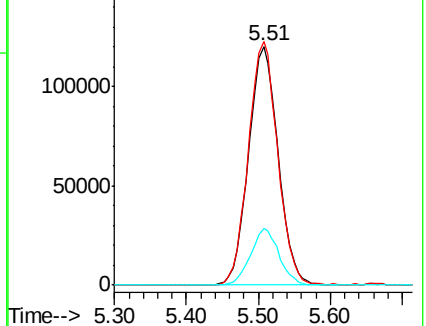
192 22.9 16.7 25.1

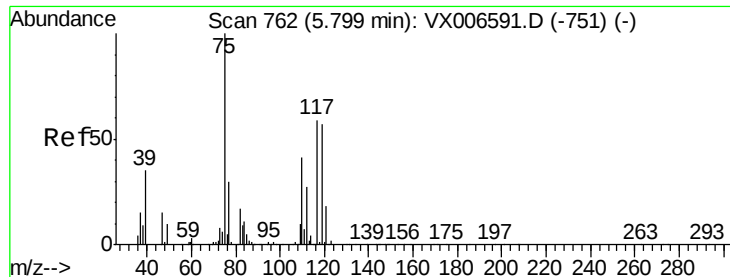


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

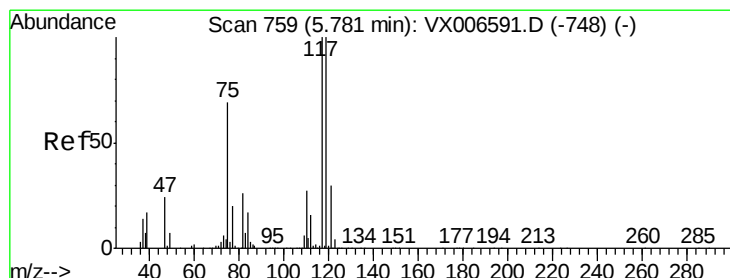
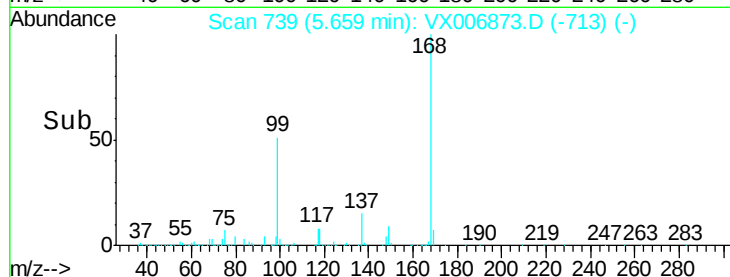
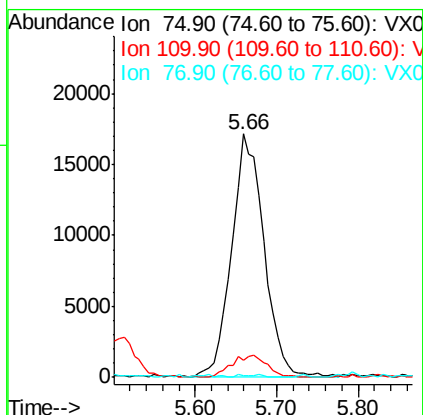
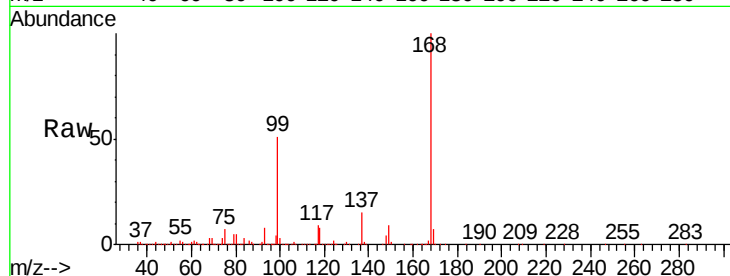




#36
 1,1-Dichloropropene
 Concen: 5.099 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX006873.D
 Acq: 02 Jan 2019 11:25

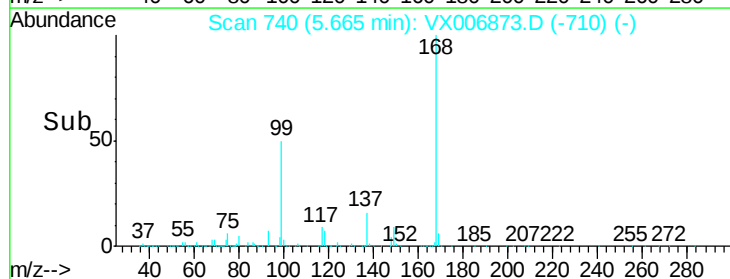
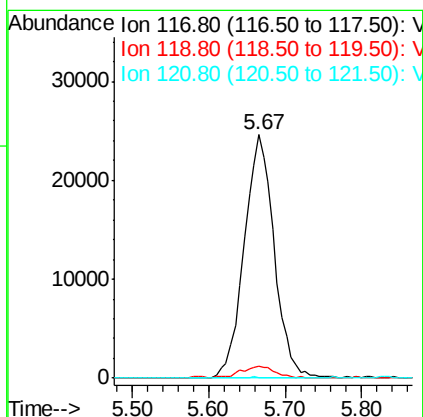
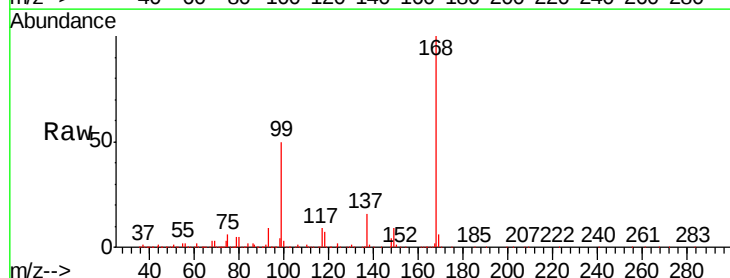
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102MBL01

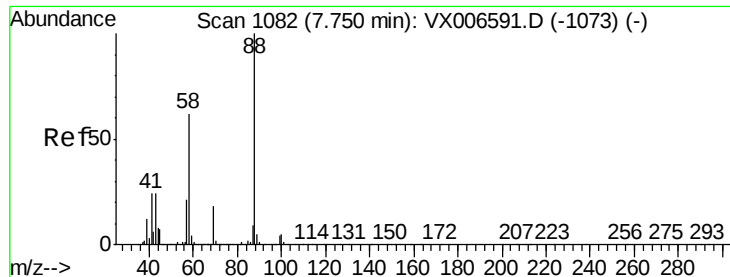
Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.0	20.2	60.5#
77	0.3	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 7.449 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX006873.D
 Acq: 02 Jan 2019 11:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.2	79.4	119.2#
121	0.3	24.0	36.0#





#49

1,4-Dioxane

Concen: Below Cal

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX006873.D

Acq: 02 Jan 2019 11:25

Instrument :

MSVOA_X

ClientSampled :

VX0102MBL01

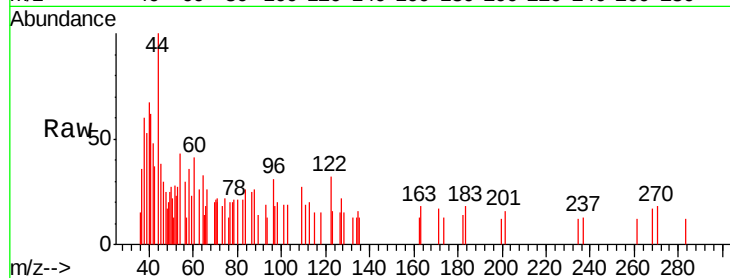
Tgt Ion: 88 Resp: 40

Ion Ratio Lower Upper

88 100

43 227.5 22.2 33.4#

58 0.0 51.0 76.4#

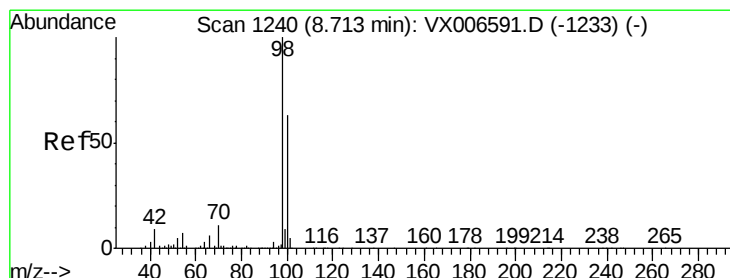
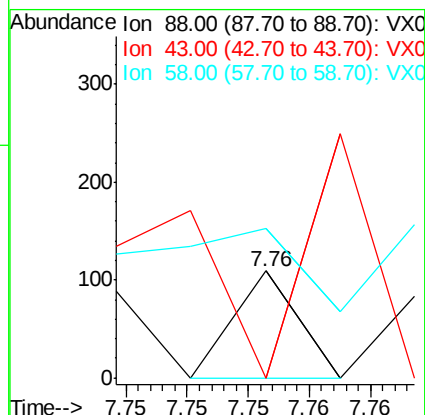
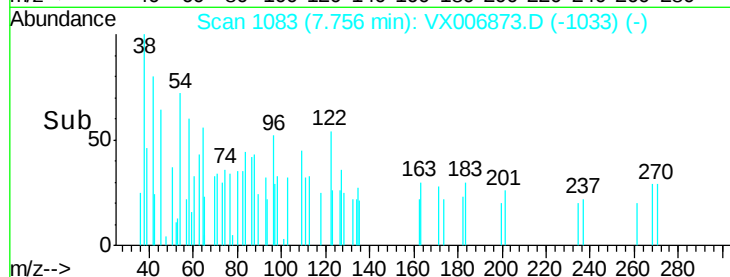


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

Time--> 7.75 7.75 7.75 7.76 7.76



#50

Toluene-d8

Concen: 49.539 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006873.D

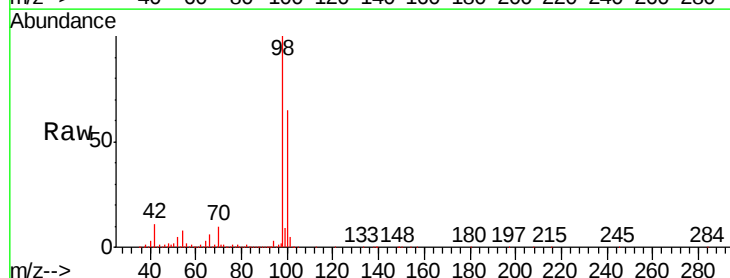
Acq: 02 Jan 2019 11:25

Tgt Ion: 98 Resp: 1318757

Ion Ratio Lower Upper

98 100

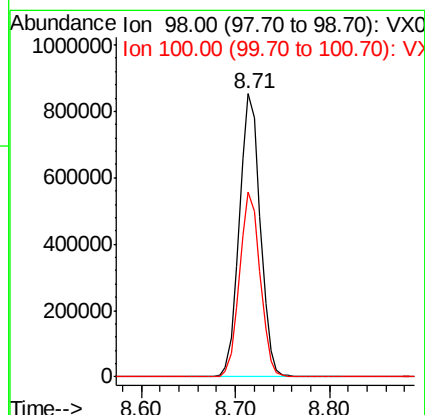
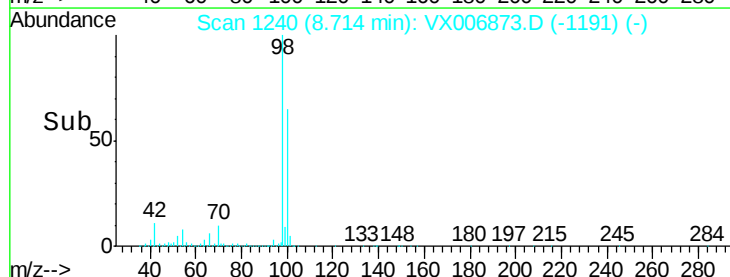
100 64.4 52.0 78.0

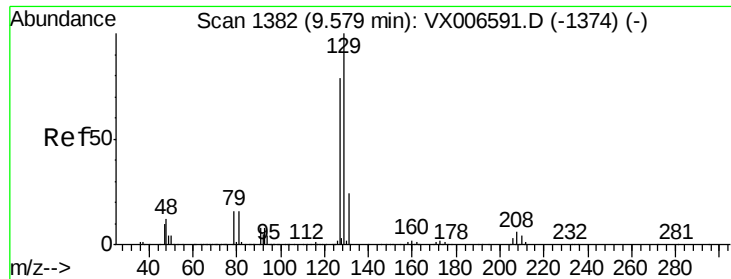


Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

Time--> 8.60 8.70 8.80





#60

Dibromochloromethane

Concen: 2.339 ug/l

RT: 9.46 min Scan# 1362

Delta R.T. -0.12 min

Lab File: VX006873.D

Acq: 02 Jan 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

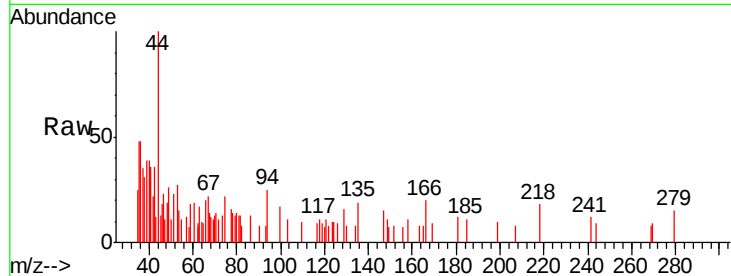
VX0102MBL01

Tgt Ion: 129 Resp: 123

Ion Ratio Lower Upper

129 100

127 46.3 39.3 117.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.46

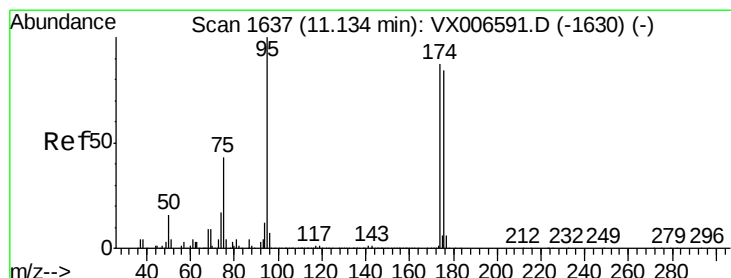
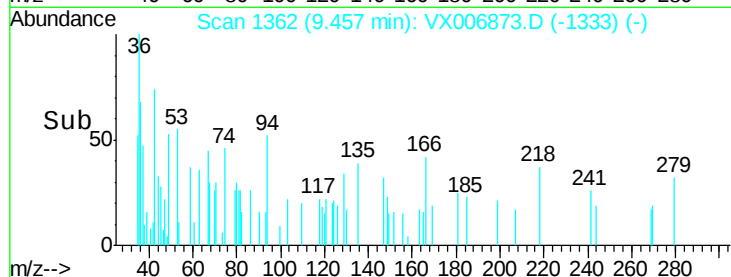
100

50

0

9.44 9.46 9.48 9.50

Time-->



#62

4-Bromofluorobenzene

Concen: 49.077 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006873.D

Acq: 02 Jan 2019 11:25

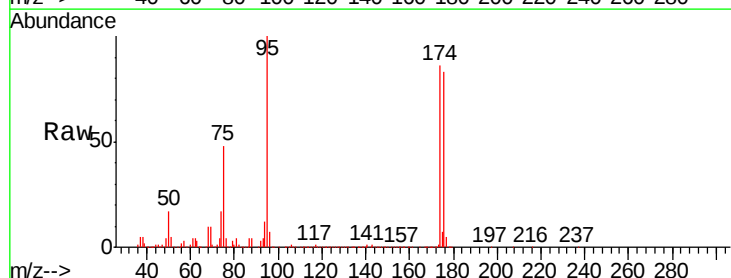
Tgt Ion: 95 Resp: 478482

Ion Ratio Lower Upper

95 100

174 92.9 0.0 182.2

176 90.0 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

500000

400000

300000

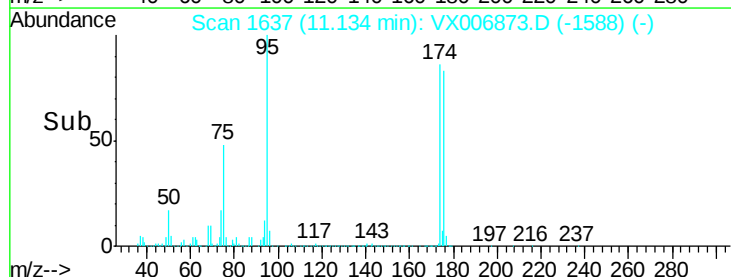
200000

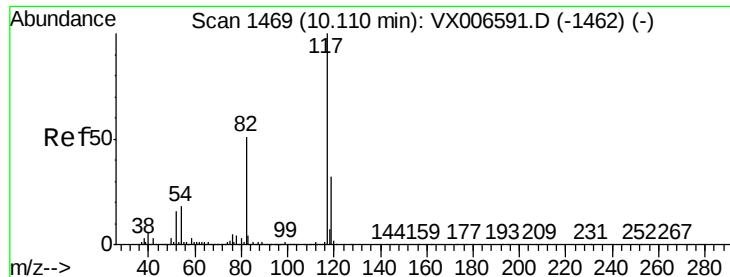
100000

0

11.10 11.13 11.20

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX006873.D

Acq: 02 Jan 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

VX0102MBL01

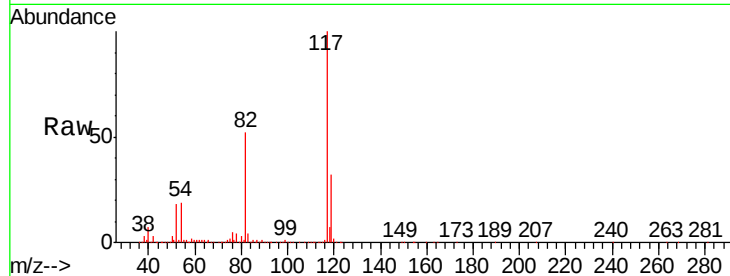
Tgt Ion:117 Resp: 1032048

Ion Ratio Lower Upper

117 100

82 51.7 41.0 61.6

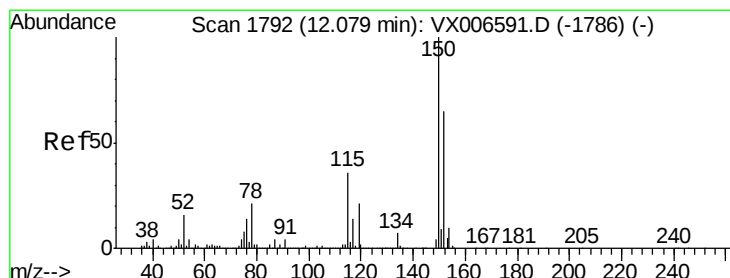
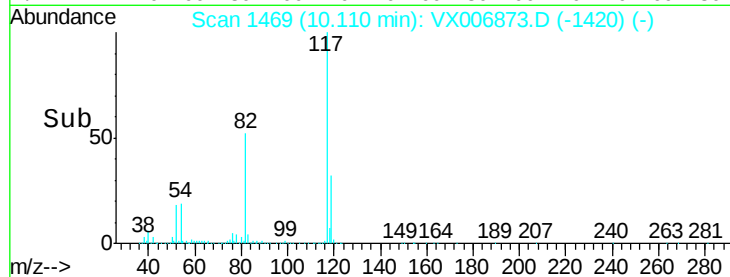
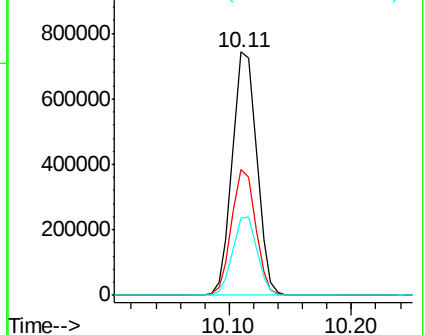
119 31.9 25.4 38.0



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: VX006873.D

Acq: 02 Jan 2019 11:25

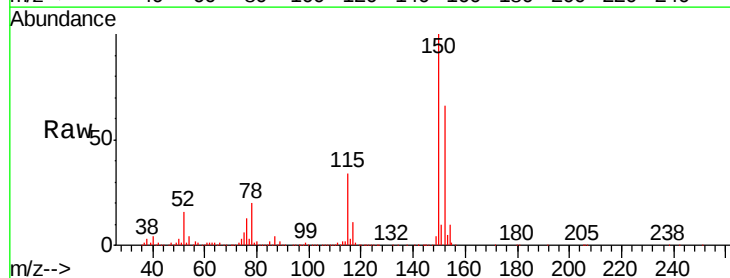
Tgt Ion:152 Resp: 514486

Ion Ratio Lower Upper

152 100

115 54.4 39.1 117.2

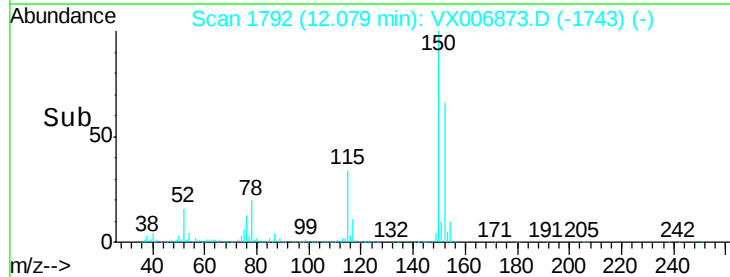
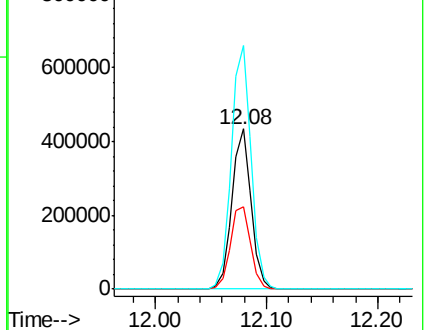
150 155.7 0.0 344.8

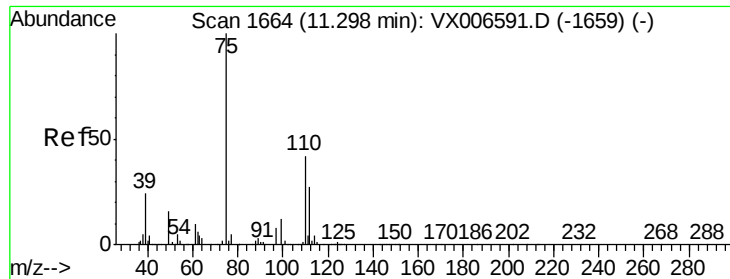


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

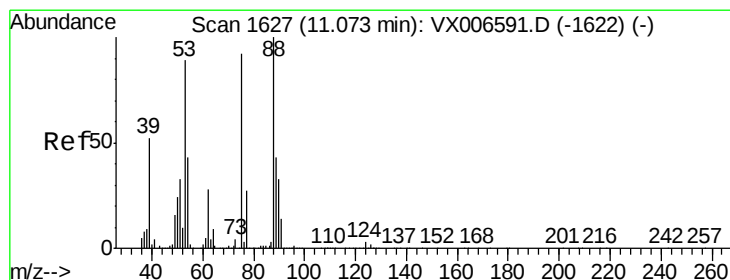
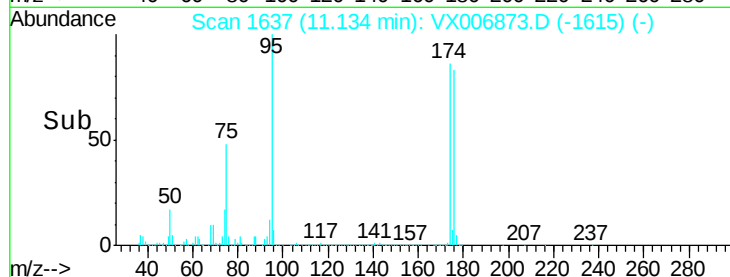
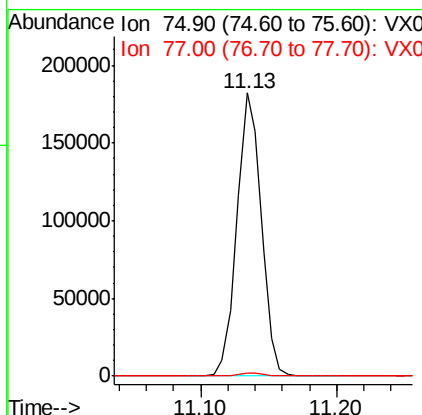
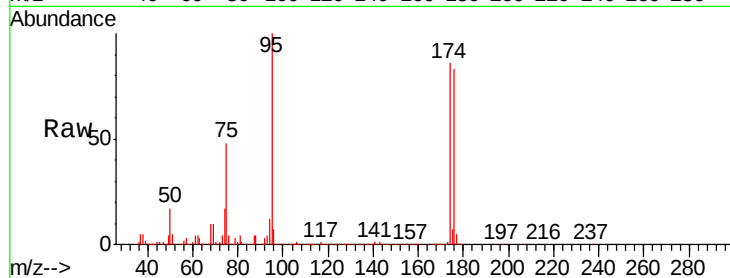




#76
 1,2,3-Trichloropropane
 Concen: 23.725 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX006873.D
 Acq: 02 Jan 2019 11:25

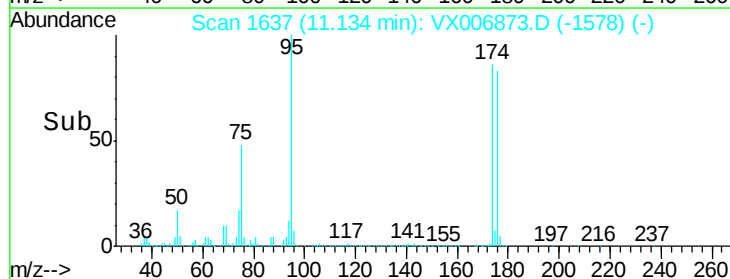
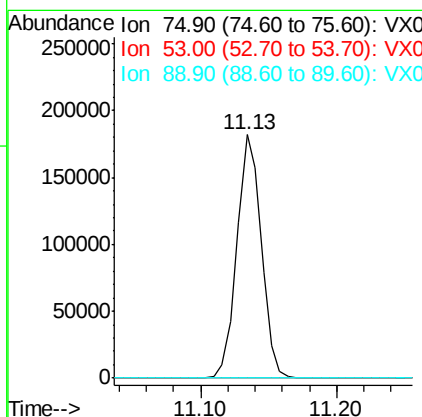
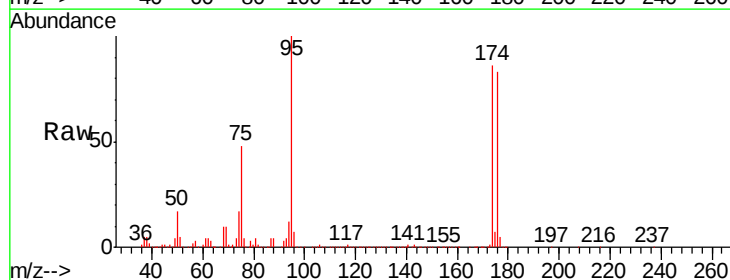
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102MBL01

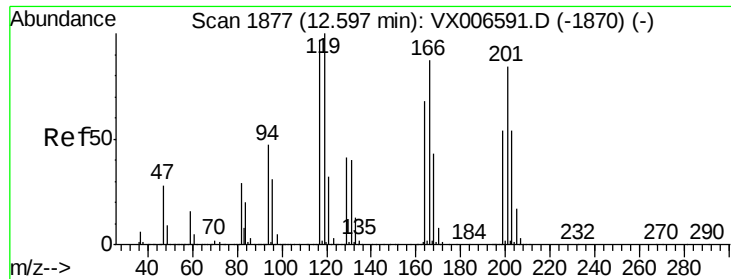
Tgt Ion: 75 Resp: 226842
 Ion Ratio Lower Upper
 75 100
 77 1.4 18.5 55.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.323 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX006873.D
 Acq: 02 Jan 2019 11:25

Tgt Ion: 75 Resp: 226842
 Ion Ratio Lower Upper
 75 100
 53 0.1 79.7 119.5#
 89 0.0 38.0 57.0#





#90

Hexachloroethane

Concen: 3.301 ug/l

RT: 12.64 min Scan# 1884

Delta R.T. 0.04 min

Lab File: VX006873.D

Acq: 02 Jan 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

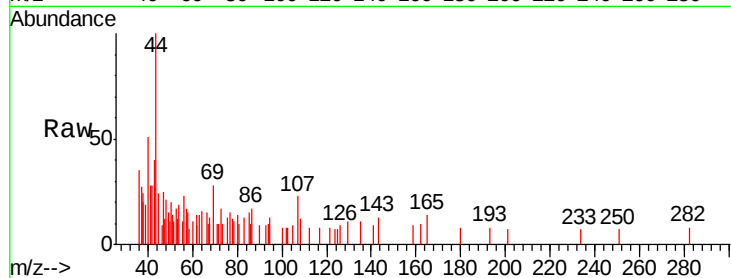
VX0102MBL01

Tgt Ion:117 Resp: 43

Ion Ratio Lower Upper

117 100

201 88.4 42.9 128.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

