

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122818\
 Data File : VX006863.D
 Acq On : 28 Dec 2018 16:07
 Operator : JC/MD
 Sample : J6447-06ME
 Misc : 3.55g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P001-SS025-0006-01ME

Quant Time: Dec 28 23:00:18 2018
 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	592238	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	876161	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	794831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	421668	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	291125	45.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.22%	
35) Dibromofluoromethane	5.51	113	242192	43.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.42%	
50) Toluene-d8	8.71	98	1016678	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
62) 4-Bromofluorobenzene	11.14	95	377196	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	

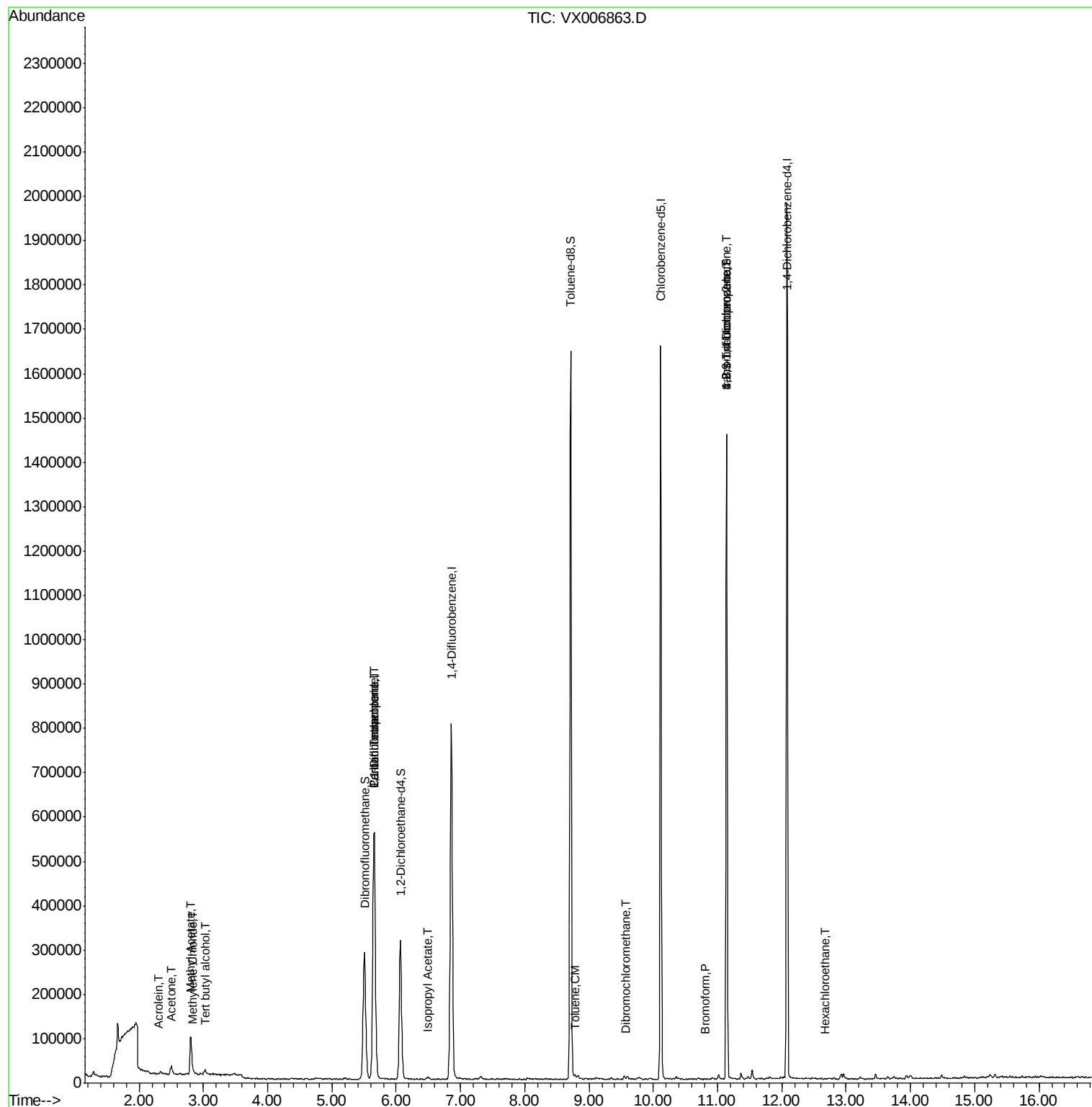
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	1904	Below Cal	#	72
11) Tert butyl alcohol	3.03	59	6631	4.655	ug/l #	78
13) Acrolein	2.31	56	566	0.589	ug/l #	76
16) Acetone	2.50	43	26180	8.928	ug/l	99
18) Methyl Acetate	2.81	43	106285	12.326	ug/l	97
20) Methylene Chloride	2.84	84	3925	0.647	ug/l #	89
28) Bromochloromethane	5.01	49	180	Below Cal	#	4
36) 1,1-Dichloropropene	5.65	75	37827	5.213	ug/l #	39
38) Carbon Tetrachloride	5.66	117	51318	7.277	ug/l #	15
43) Isopropyl Acetate	6.49	43	2681	0.233	ug/l #	63
49) 1,4-Dioxane	7.77	88	170	Below Cal	#	27
52) Toluene	8.78	92	3265	0.229	ug/l	88
60) Dibromochloromethane	9.57	129	40	2.330	ug/l	67
71) Bromoform	10.80	173	142	4.487	ug/l #	28
76) 1,2,3-Trichloropropane	11.14	75	176626	22.539	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.14	75	176626	67.020	ug/l #	10
90) Hexachloroethane	12.66	117	42	3.303	ug/l	66

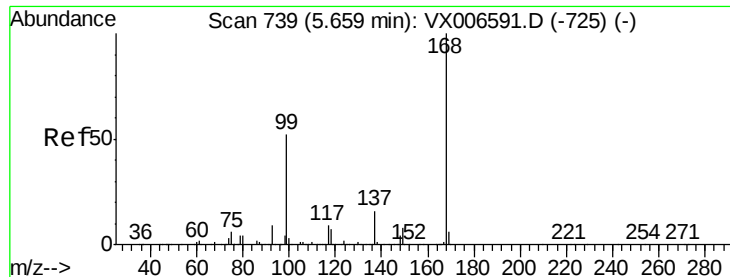
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX122818\
Data File : VX006863.D
Acq On : 28 Dec 2018 16:07
Operator : JC/MD
Sample : J6447-06ME
Misc : 3.55g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
P001-SS025-0006-01ME

Quant Time: Dec 28 23:00:18 2018
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# 739

Delta R.T. -0.00 min

Lab File: VX006863.D

Acq: 28 Dec 2018 16:07

Instrument :

MSVOA_X

ClientSampleId :

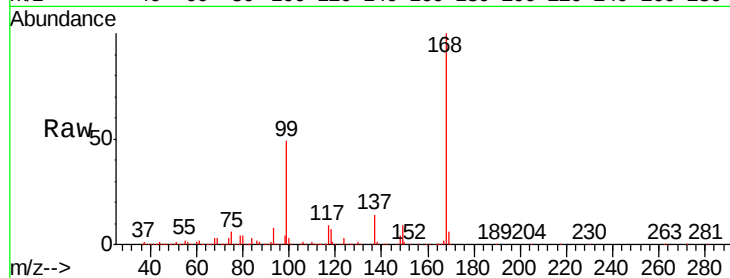
P001-SS025-0006-01ME

Tgt Ion:168 Resp: 592238

Ion Ratio Lower Upper

168 100

99 48.9 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

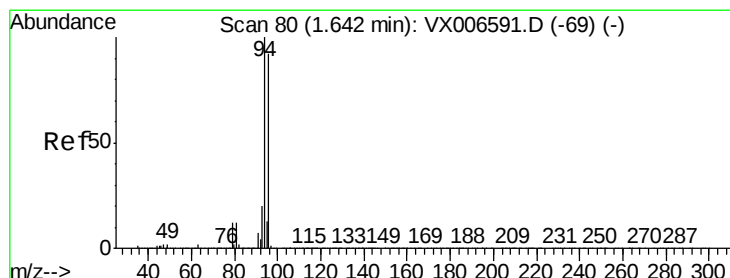
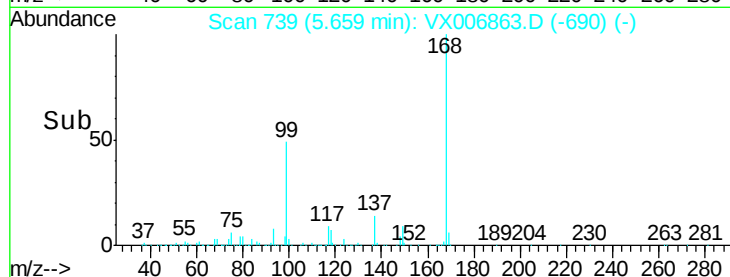
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006863.D

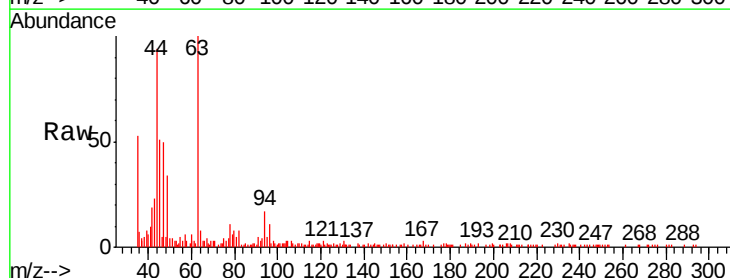
Acq: 28 Dec 2018 16:07

Tgt Ion: 94 Resp: 1904

Ion Ratio Lower Upper

94 100

96 65.4 73.4 110.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

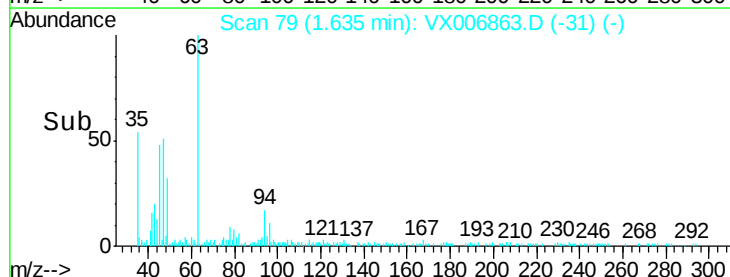
1500

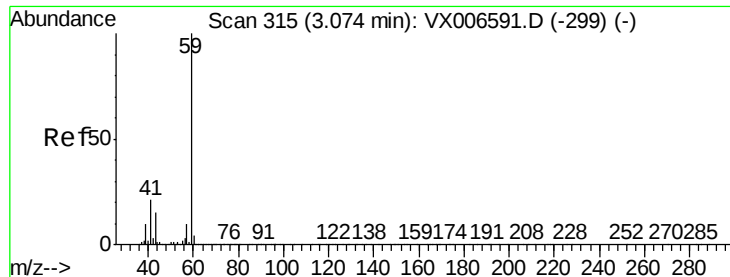
1000

500

0

Time--> 1.60 1.65 1.70



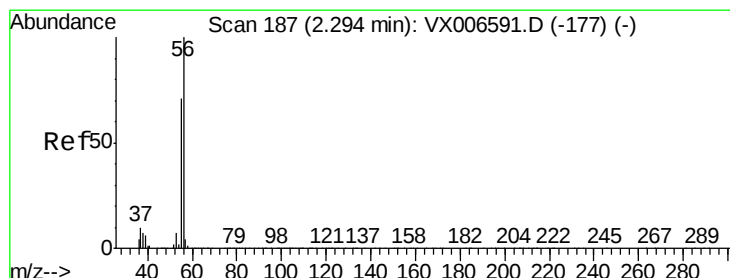
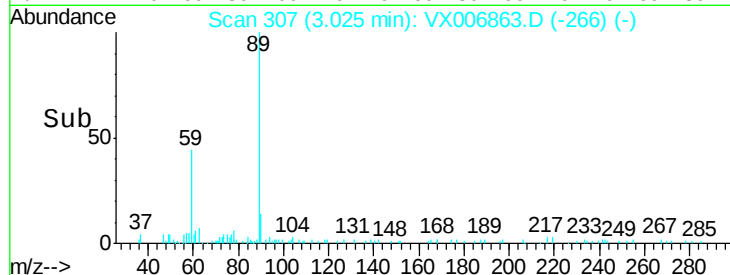
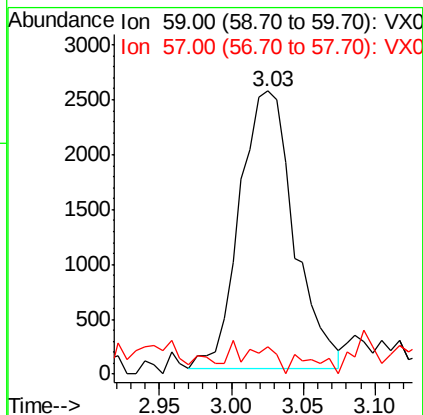
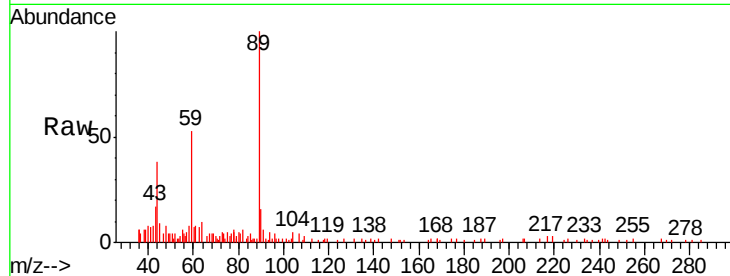


#11

Tert butyl alcohol
Concen: 4.655 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX006863.D
Acq: 28 Dec 2018 16:07

Instrument :
MSVOA_X
ClientSampleId :
P001-SS025-0006-01ME

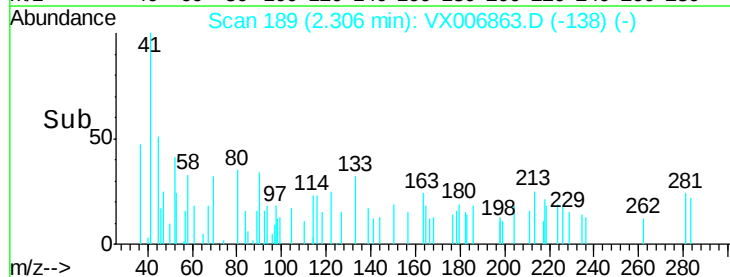
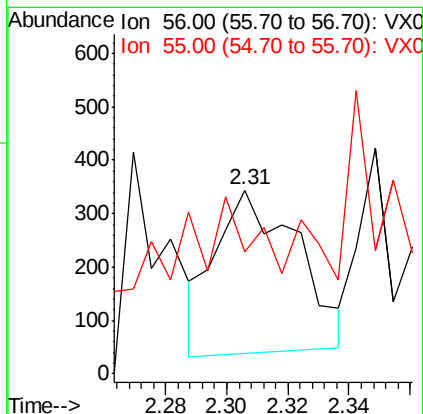
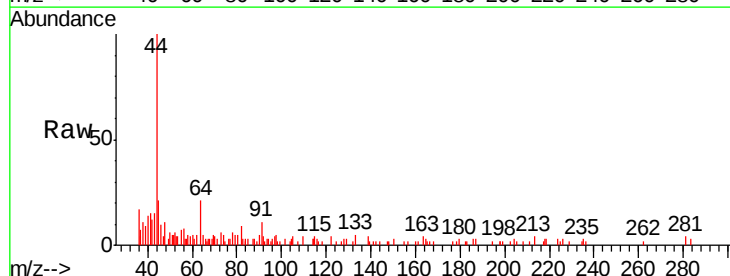
Tgt Ion: 59 Resp: 6631
Ion Ratio Lower Upper
59 100
57 2.4 8.5 12.7#

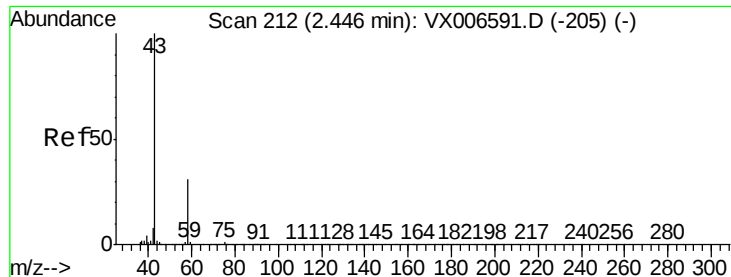


#13

Acrolein
Concen: 0.589 ug/l
RT: 2.31 min Scan# 189
Delta R.T. 0.01 min
Lab File: VX006863.D
Acq: 28 Dec 2018 16:07

Tgt Ion: 56 Resp: 566
Ion Ratio Lower Upper
56 100
55 52.3 58.2 87.4#

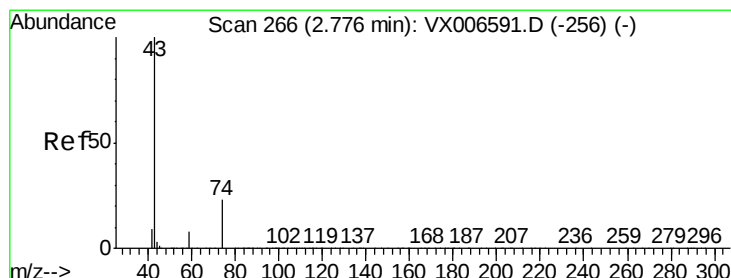
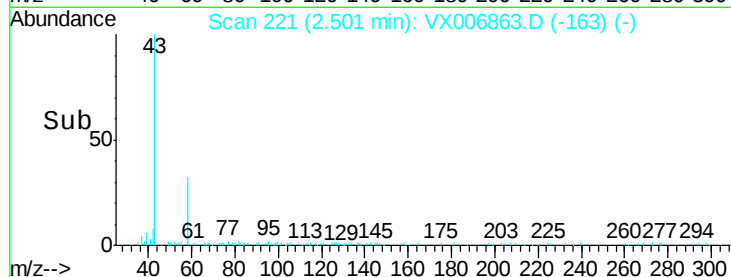
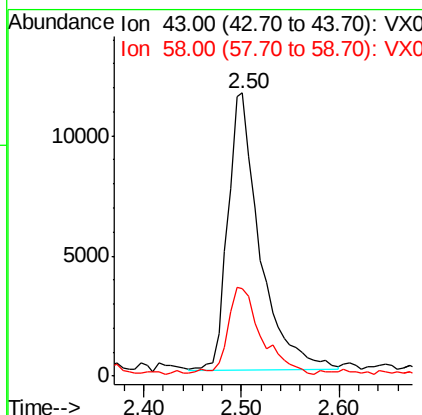
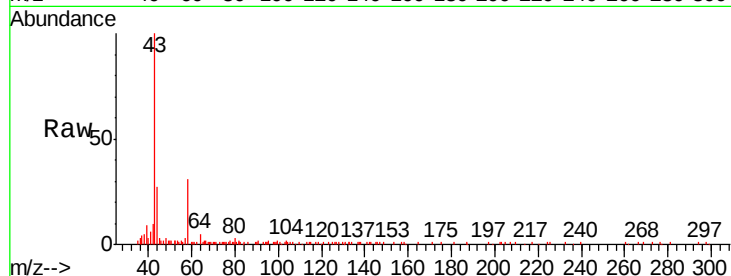




#16
Acetone
Concen: 8.928 ug/l
RT: 2.50 min Scan# 221
Delta R.T. 0.05 min
Lab File: VX006863.D
Acq: 28 Dec 2018 16:07

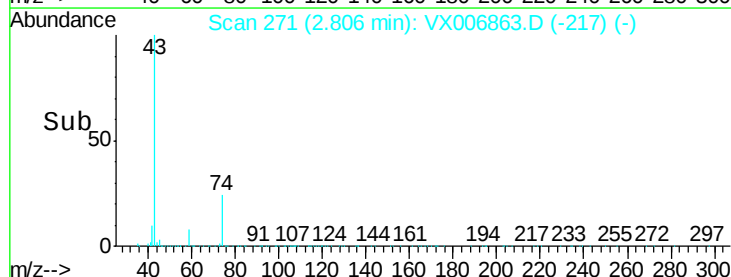
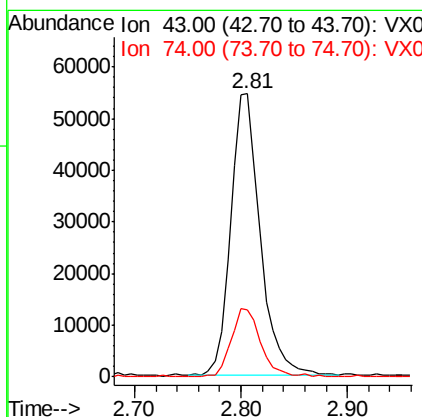
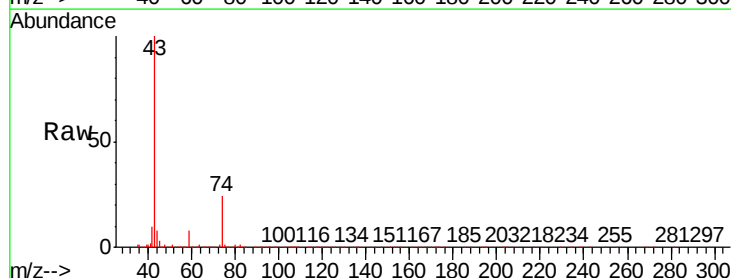
Instrument :
MSVOA_X
ClientSampleId :
P001-SS025-0006-01ME

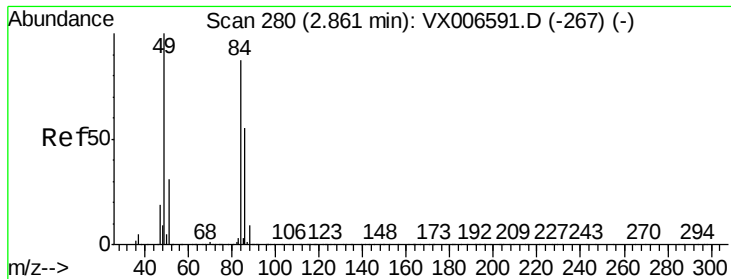
Tgt Ion: 43 Resp: 26180
Ion Ratio Lower Upper
43 100
58 30.9 25.0 37.6



#18
Methyl Acetate
Concen: 12.326 ug/l
RT: 2.81 min Scan# 271
Delta R.T. 0.03 min
Lab File: VX006863.D
Acq: 28 Dec 2018 16:07

Tgt Ion: 43 Resp: 106285
Ion Ratio Lower Upper
43 100
74 24.6 18.6 28.0

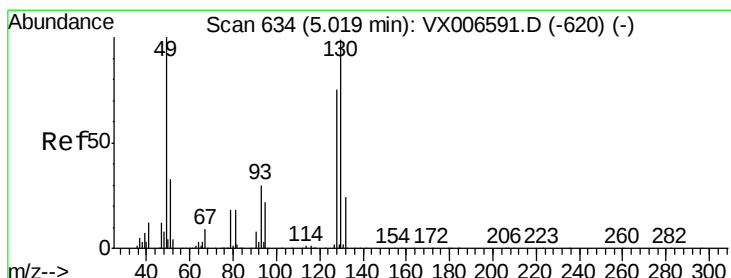
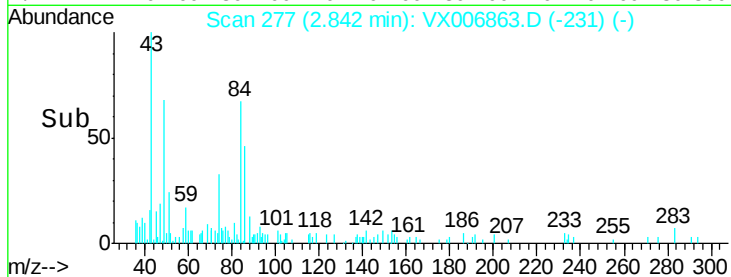
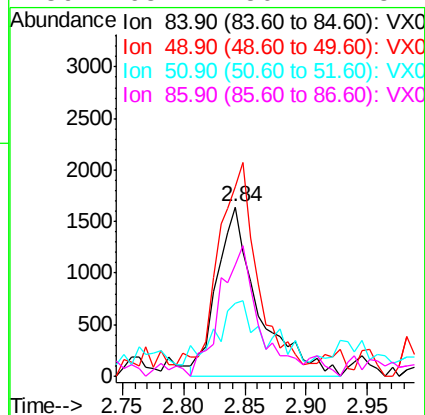
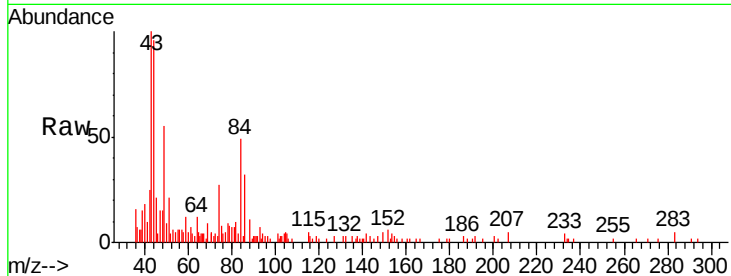




#20
Methylene Chloride
Concen: 0.647 ug/l
RT: 2.84 min Scan# 277
Delta R.T. -0.02 min
Lab File: VX006863.D
Acq: 28 Dec 2018 16:07

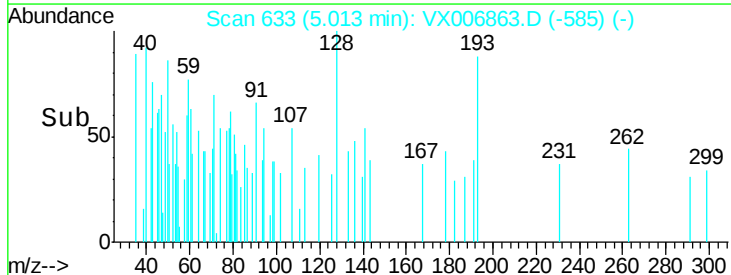
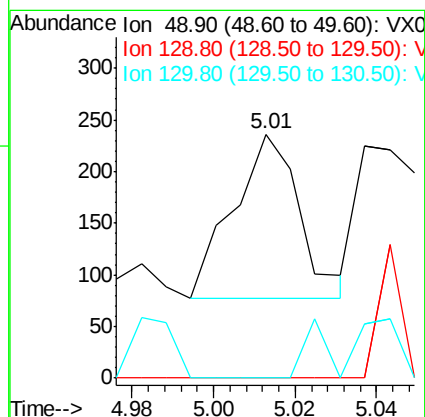
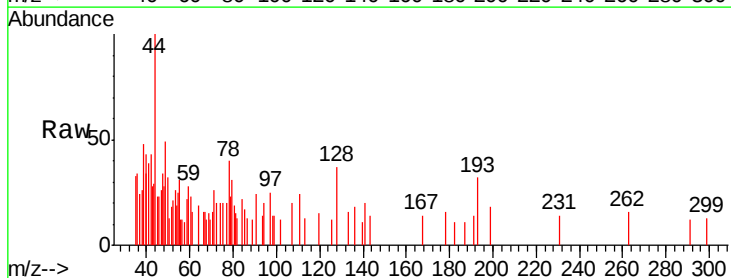
Instrument :
MSVOA_X
ClientSampleId :
P001-SS025-0006-01ME

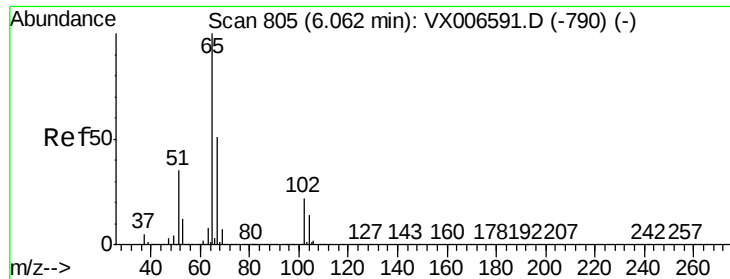
Tgt Ion:	84	Resp:	3925
Ion	Ratio	Lower	Upper
84	100		
49	100.9	91.8	137.6
51	24.5	28.5	42.7#
86	65.7	50.2	75.2



#28
Bromochloromethane
Concen: Below Cal
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX006863.D
Acq: 28 Dec 2018 16:07

Tgt Ion:	49	Resp:	180
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.4
130	0.0	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 45.610 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006863.D

Acq: 28 Dec 2018 16:07

Instrument :

MSVOA_X

ClientSampleId :

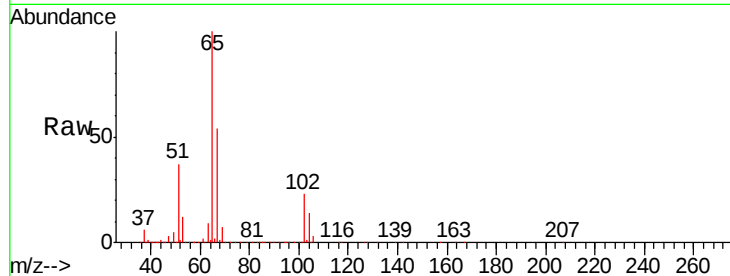
P001-SS025-0006-01ME

Tgt Ion: 65 Resp: 291125

Ion Ratio Lower Upper

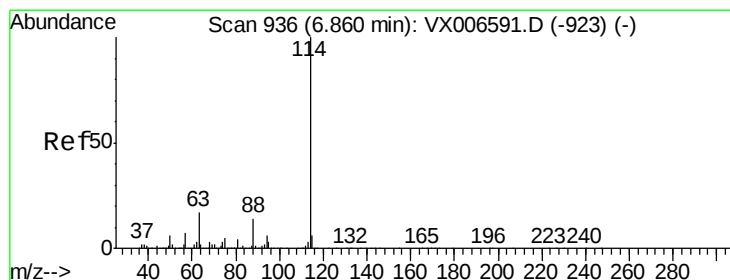
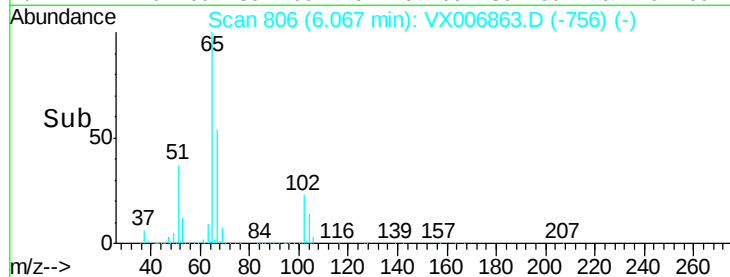
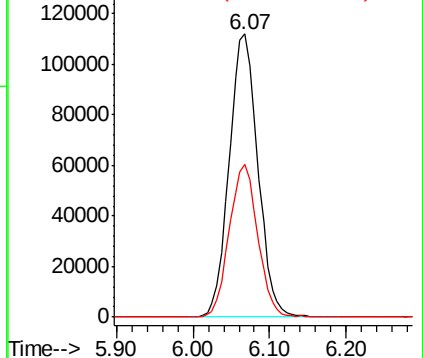
65 100

67 53.6 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006863.D

Acq: 28 Dec 2018 16:07

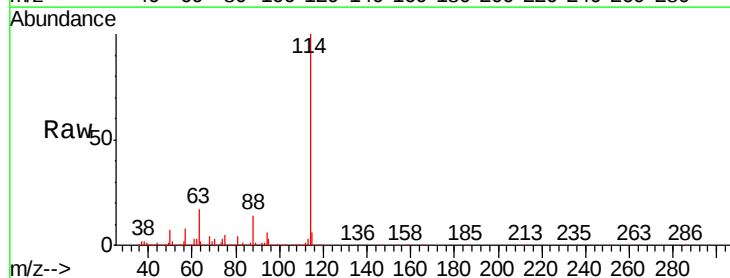
Tgt Ion: 114 Resp: 876161

Ion Ratio Lower Upper

114 100

63 16.8 0.0 34.8

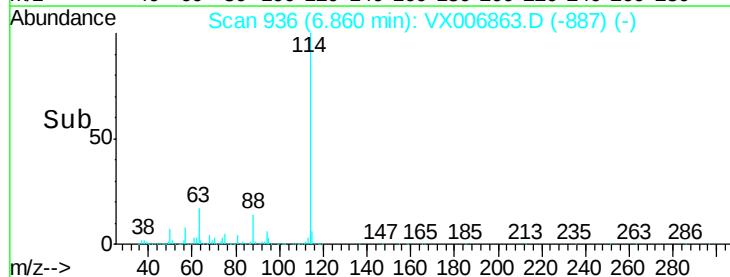
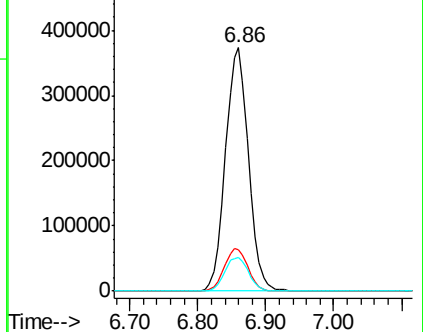
88 14.1 0.0 28.8

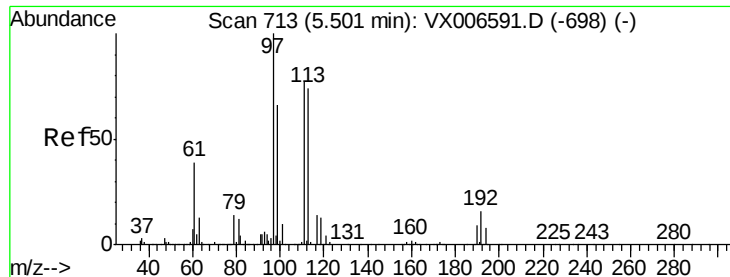


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 43.712 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006863.D

Acq: 28 Dec 2018 16:07

Instrument :

MSVOA_X

ClientSampleId :

P001-SS025-0006-01ME

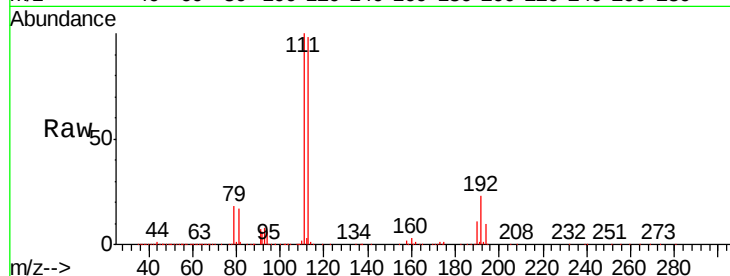
Tgt Ion:113 Resp: 242192

Ion Ratio Lower Upper

113 100

111 101.3 81.6 122.4

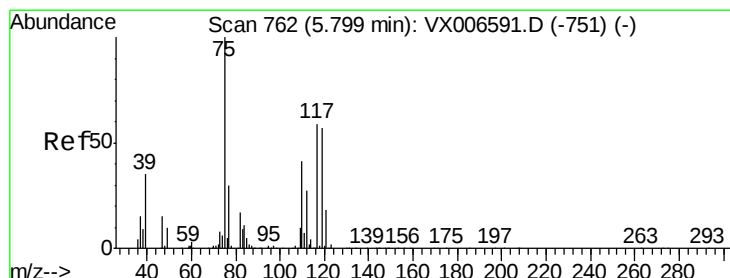
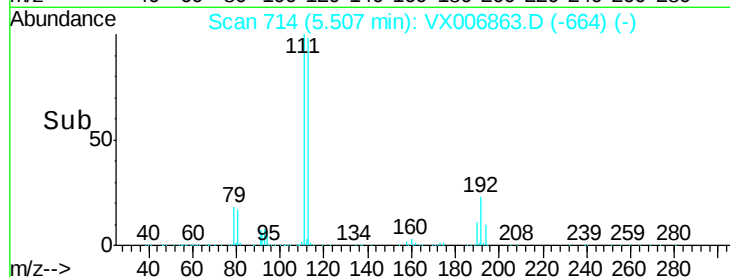
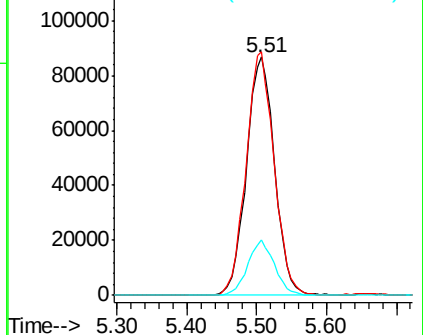
192 22.1 16.7 25.1



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: 5.213 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.15 min

Lab File: VX006863.D

Acq: 28 Dec 2018 16:07

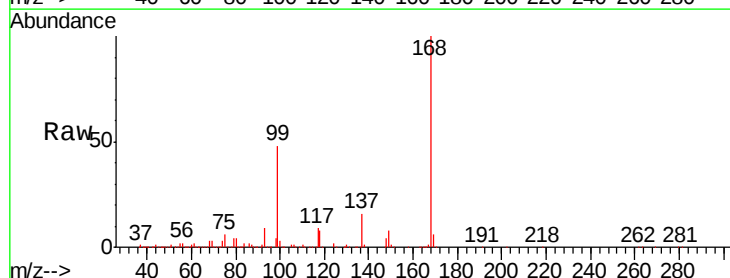
Tgt Ion: 75 Resp: 37827

Ion Ratio Lower Upper

75 100

110 0.0 20.2 60.5#

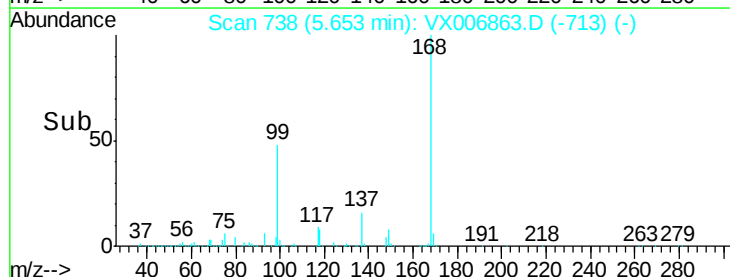
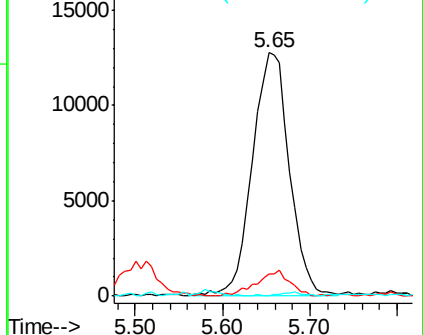
77 0.1 24.8 37.2#

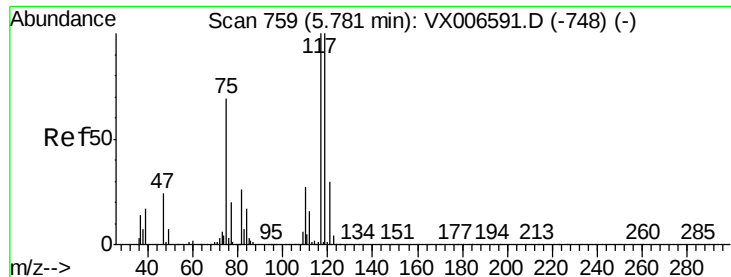


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 7.277 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006863.D

Acq: 28 Dec 2018 16:07

Instrument :

MSVOA_X

ClientSampleId :

P001-SS025-0006-01ME

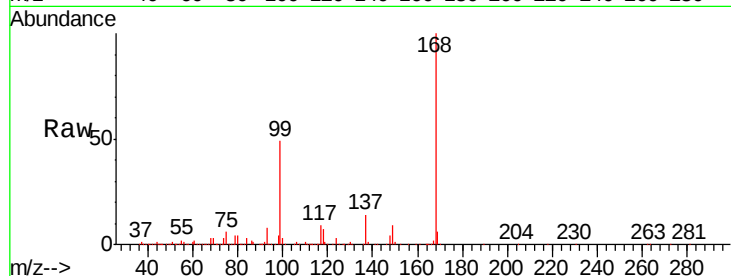
Tgt Ion:117 Resp: 51318

Ion Ratio Lower Upper

117 100

119 6.1 79.4 119.2#

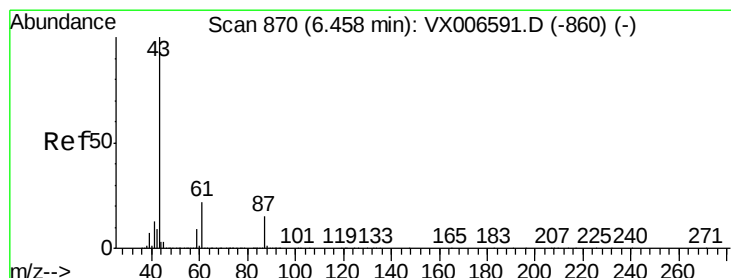
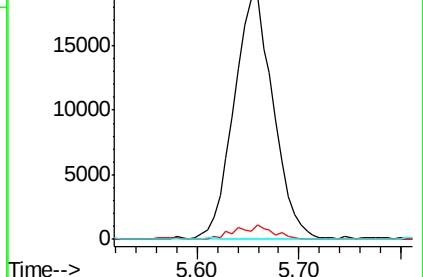
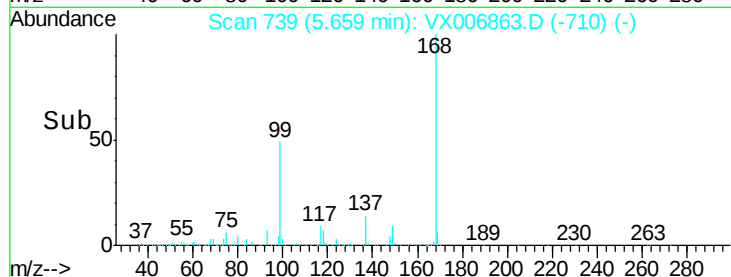
121 0.0 24.0 36.0#



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



#43

Isopropyl Acetate

Concen: 0.233 ug/l

RT: 6.49 min Scan# 875

Delta R.T. 0.03 min

Lab File: VX006863.D

Acq: 28 Dec 2018 16:07

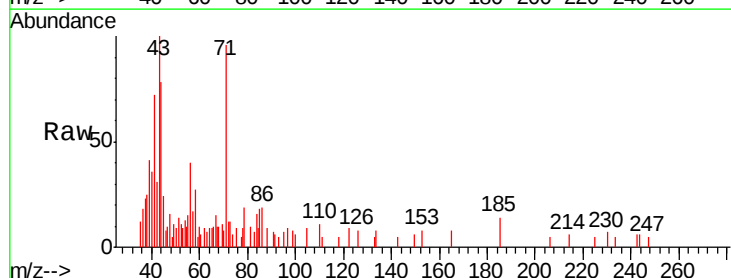
Tgt Ion: 43 Resp: 2681

Ion Ratio Lower Upper

43 100

61 3.2 16.8 25.2#

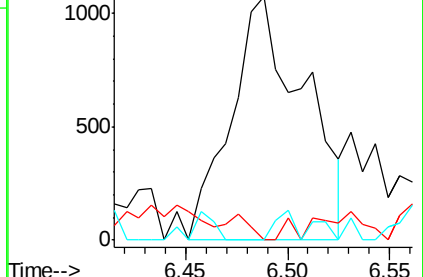
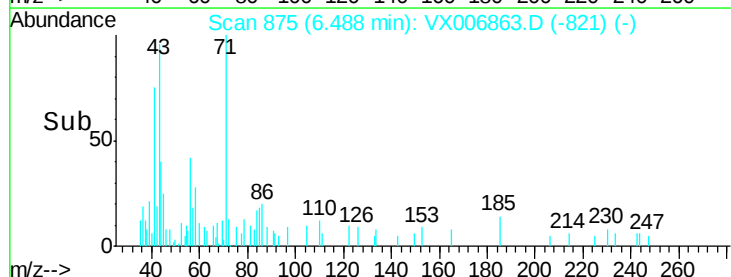
87 0.0 12.4 18.6#

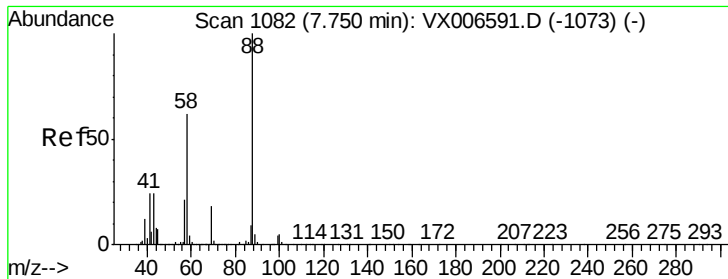


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#49

1,4-Dioxane

Concen: Below Cal

RT: 7.77 min Scan# 1085

Delta R.T. 0.02 min

Lab File: VX006863.D

Acq: 28 Dec 2018 16:07

Instrument :

MSVOA_X

ClientSampleId :

P001-SS025-0006-01ME

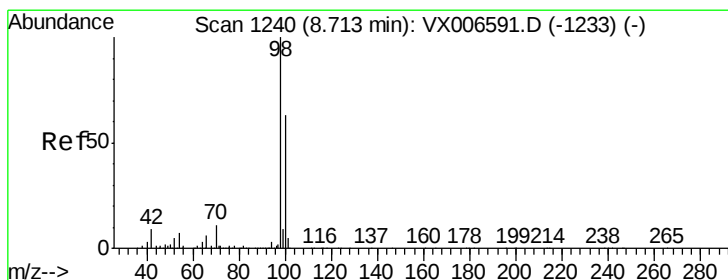
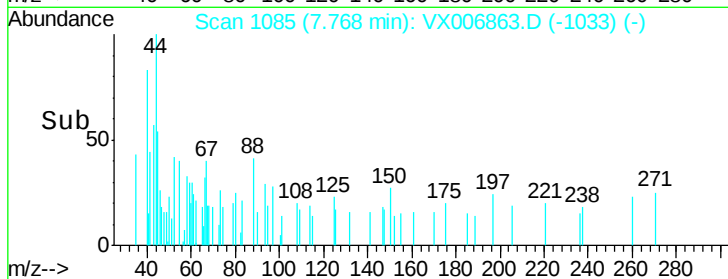
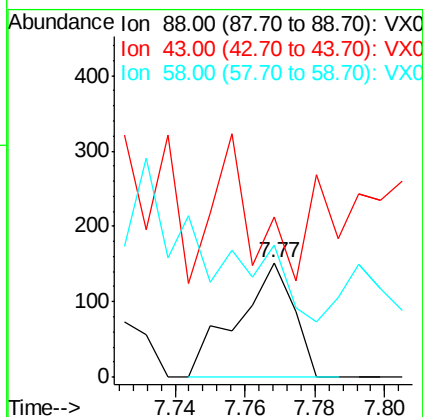
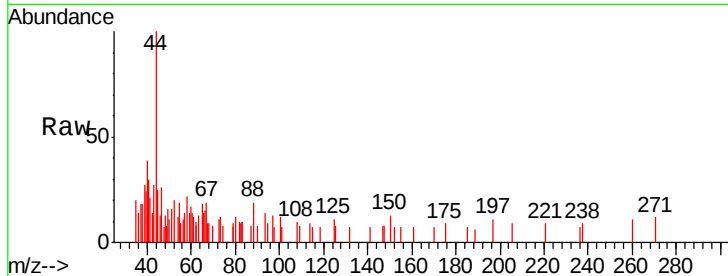
Tgt Ion: 88 Resp: 170

Ion Ratio Lower Upper

88 100

43 0.0 22.2 33.4#

58 0.0 51.0 76.4#



#50

Toluene-d8

Concen: 48.672 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006863.D

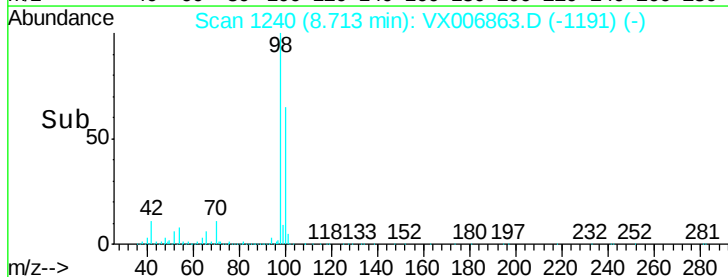
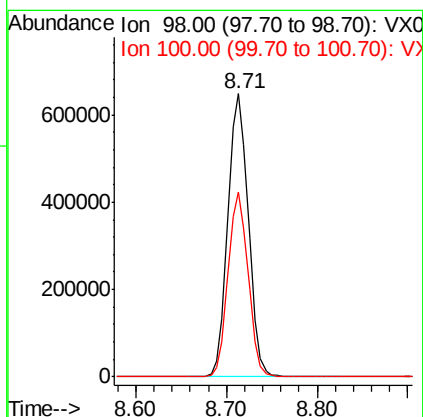
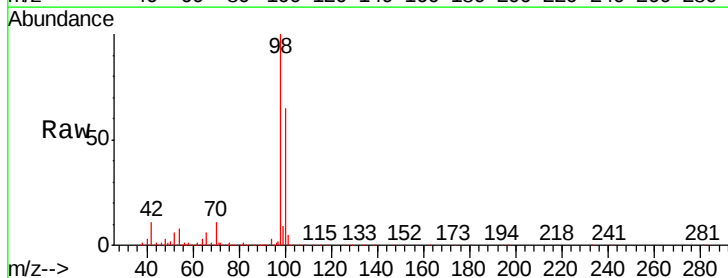
Acq: 28 Dec 2018 16:07

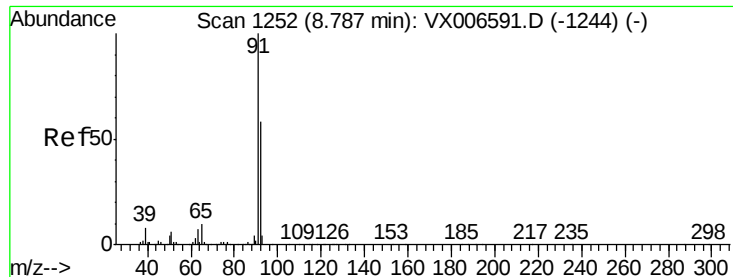
Tgt Ion: 98 Resp: 1016678

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0





#52

Toluene

Concen: 0.229 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006863.D

Acq: 28 Dec 2018 16:07

Instrument :

MSVOA_X

ClientSampleId :

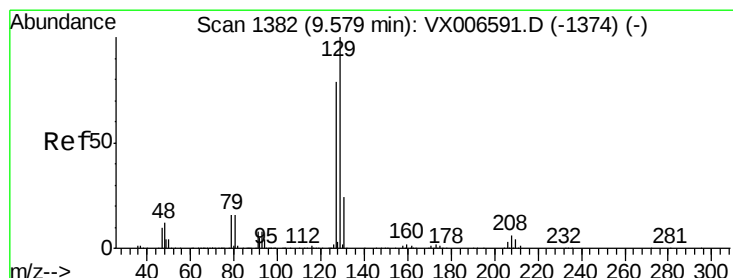
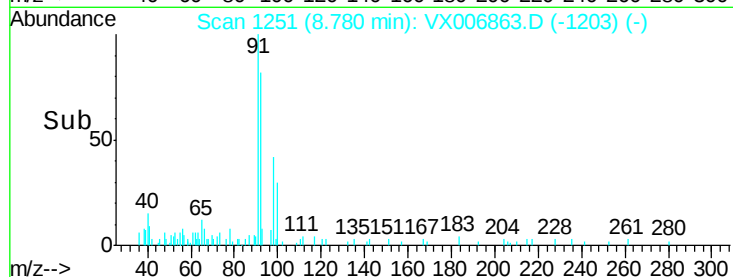
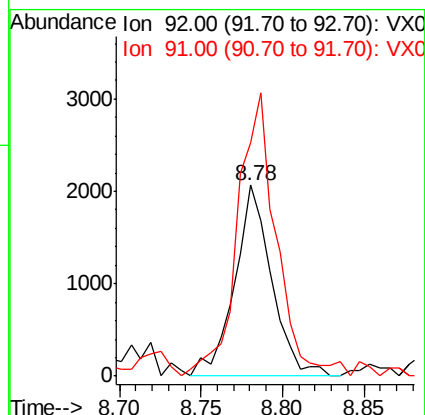
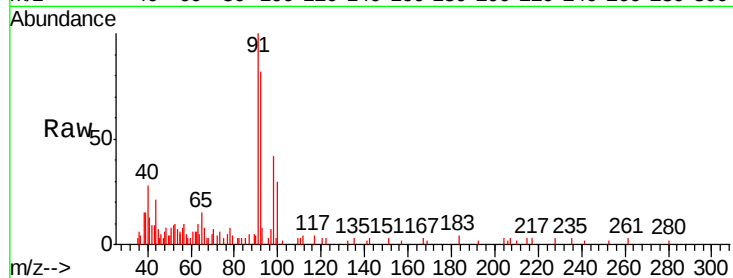
P001-SS025-0006-01ME

Tgt Ion: 92 Resp: 3265

Ion Ratio Lower Upper

92 100

91 154.8 137.6 206.4



#60

Dibromochloromethane

Concen: 2.330 ug/l

RT: 9.57 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VX006863.D

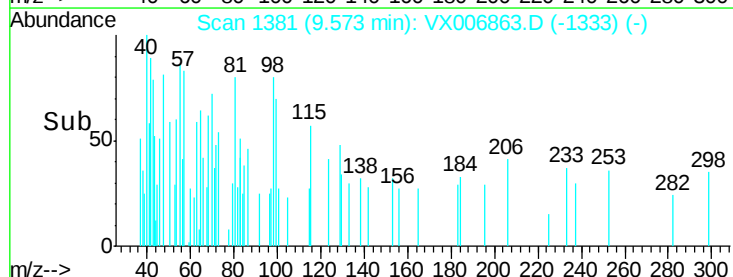
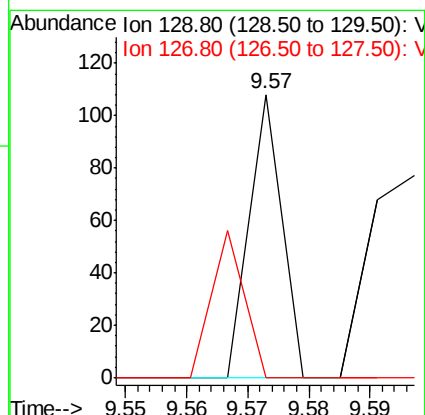
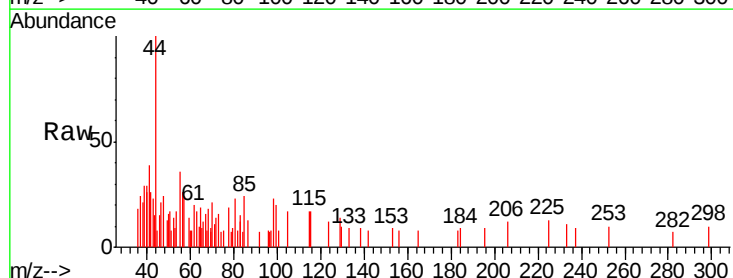
Acq: 28 Dec 2018 16:07

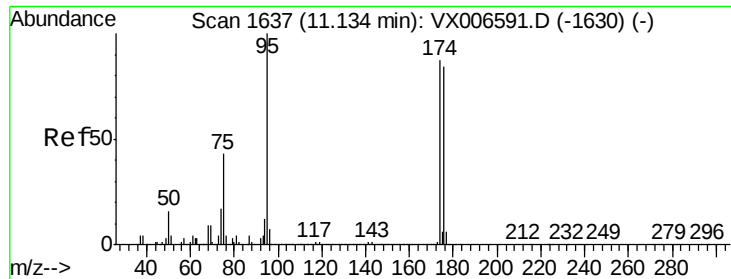
Tgt Ion: 129 Resp: 40

Ion Ratio Lower Upper

129 100

127 50.0 39.3 117.8





#62

4-Bromofluorobenzene

Concen: 49.305 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX006863.D

Acq: 28 Dec 2018 16:07

Instrument :

MSVOA_X

ClientSampleId :

P001-SS025-0006-01ME

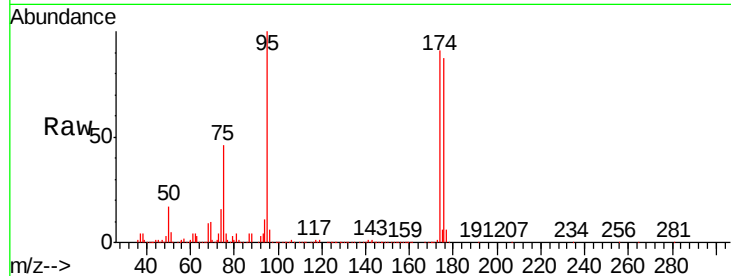
Tgt Ion: 95 Resp: 377196

Ion Ratio Lower Upper

95 100

174 92.6 0.0 182.2

176 88.6 0.0 178.8

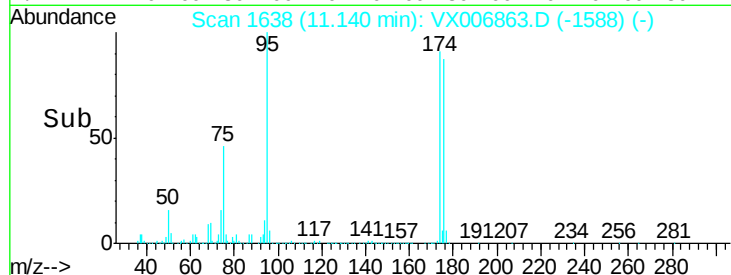


Abundance Ion 94.90 (94.60 to 95.60): VX0

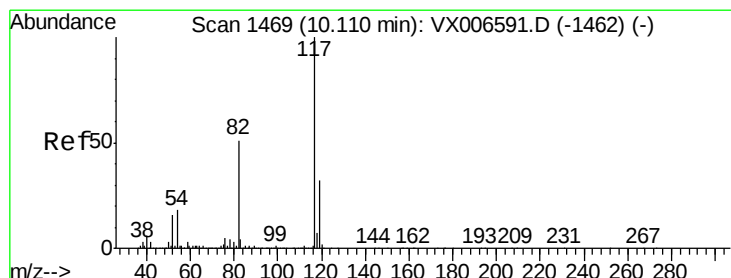
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX006863.D

Acq: 28 Dec 2018 16:07

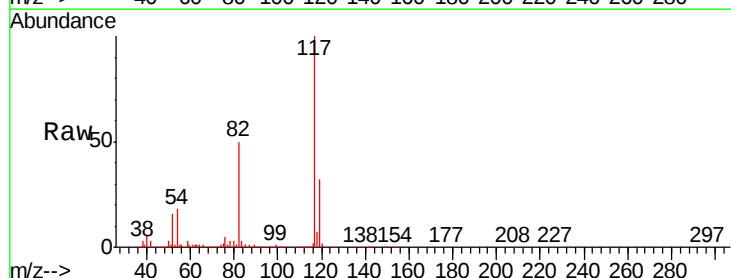
Tgt Ion: 117 Resp: 794831

Ion Ratio Lower Upper

117 100

82 50.0 41.0 61.6

119 31.9 25.4 38.0

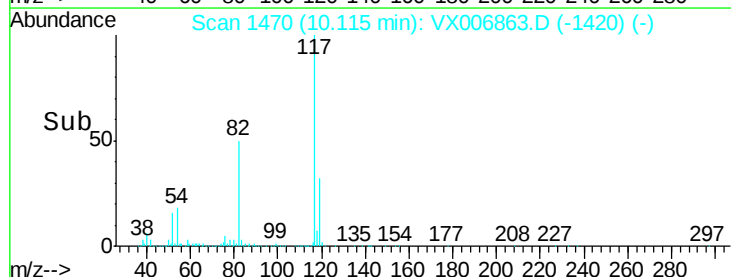


Abundance Ion 116.90 (116.60 to 117.60): V

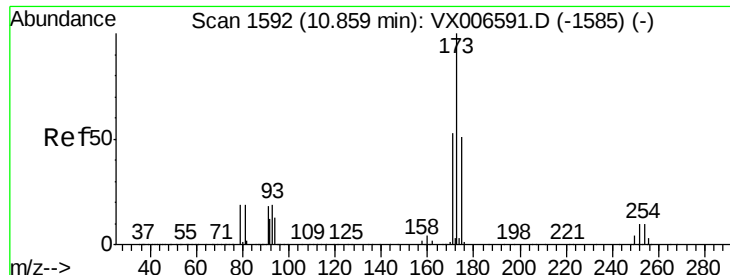
Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

Time-->



Time-->



#71

Bromoform

Concen: 4.487 ug/l

RT: 10.80 min Scan# 1583

Delta R.T. -0.05 min

Lab File: VX006863.D

Acq: 28 Dec 2018 16:07

Instrument :

MSVOA_X

ClientSampleId :

P001-SS025-0006-01ME

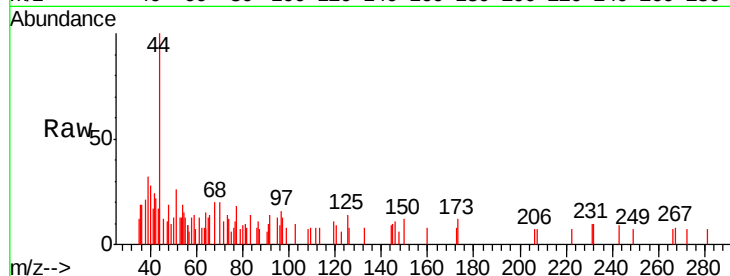
Tgt Ion:173 Resp: 142

Ion Ratio Lower Upper

173 100

175 0.0 24.7 74.1#

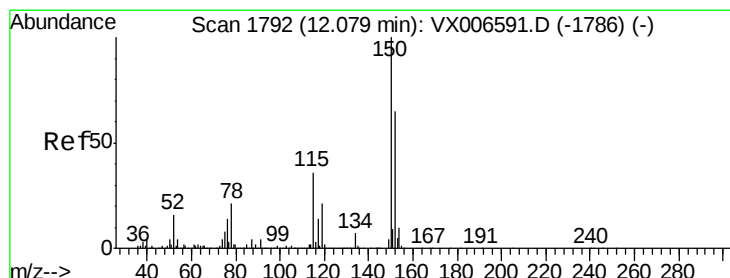
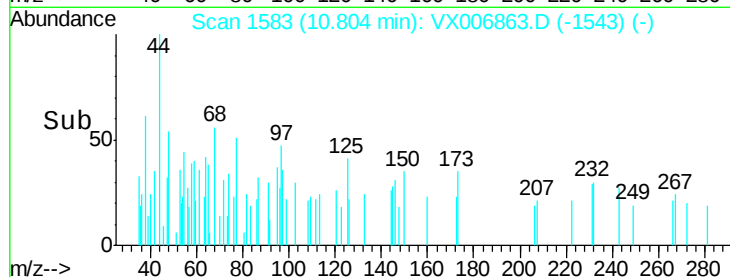
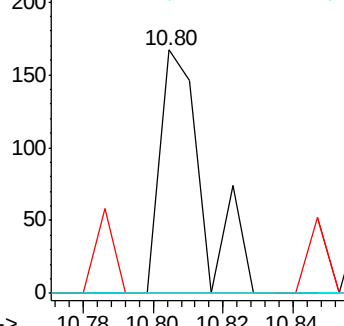
254 0.0 0.2 0.2#



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: VX006863.D

Acq: 28 Dec 2018 16:07

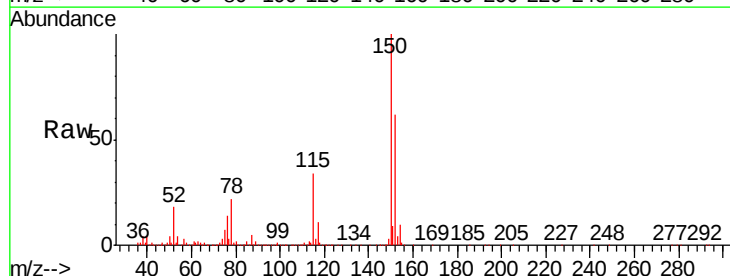
Tgt Ion:152 Resp: 421668

Ion Ratio Lower Upper

152 100

115 55.0 39.1 117.2

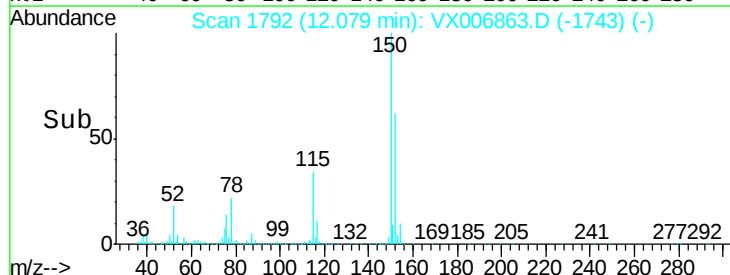
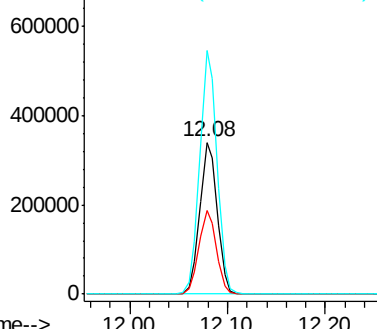
150 159.3 0.0 344.8

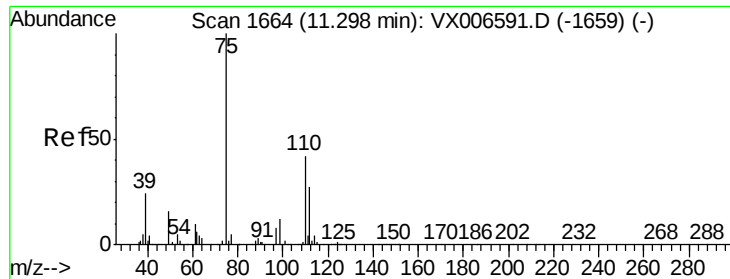


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

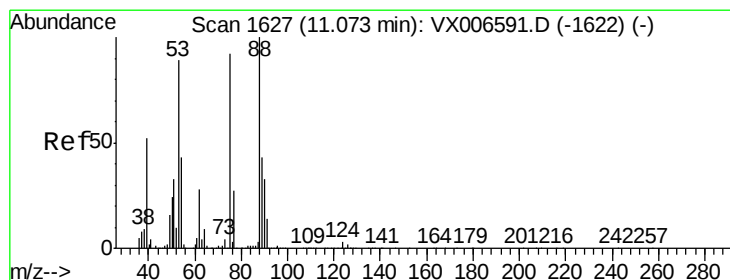
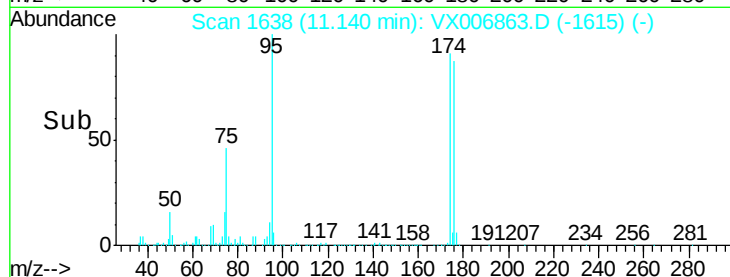
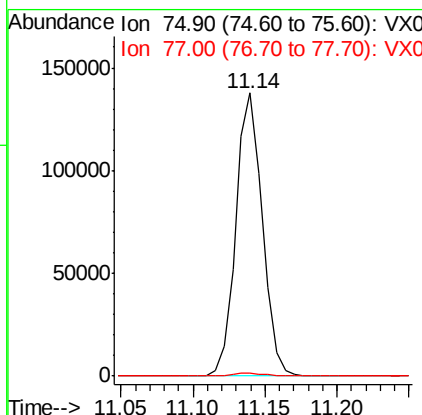
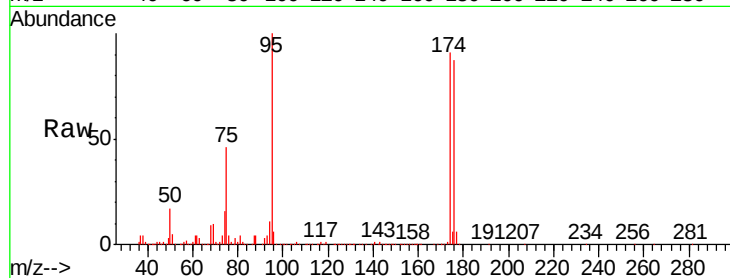




#76
 1,2,3-Trichloropropane
 Concen: 22.539 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.16 min
 Lab File: VX006863.D
 Acq: 28 Dec 2018 16:07

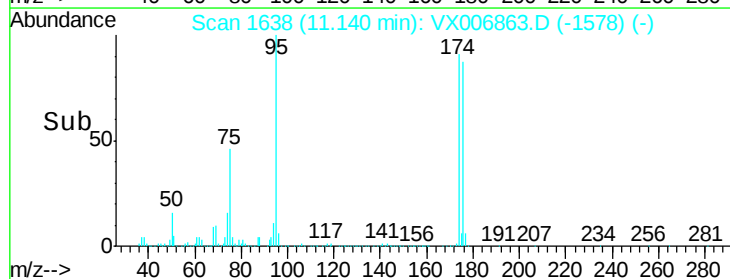
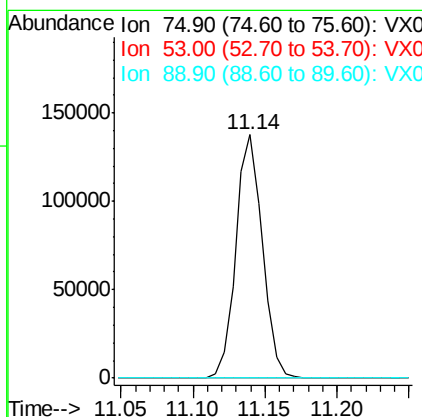
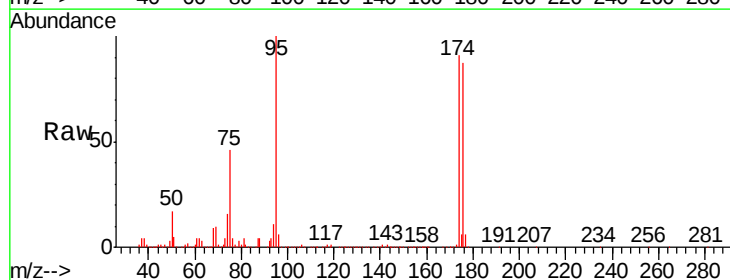
Instrument :
 MSVOA_X
 ClientSampleId :
 P001-SS025-0006-01ME

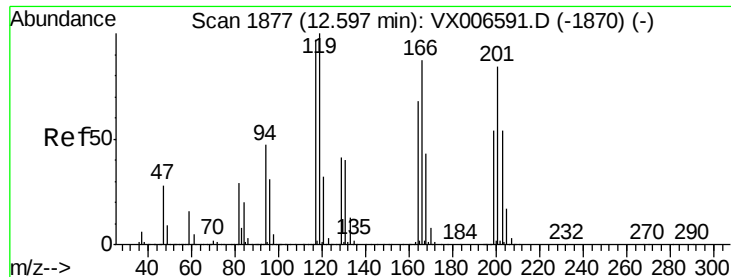
Tgt Ion: 75 Resp: 176626
 Ion Ratio Lower Upper
 75 100
 77 1.2 18.5 55.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.020 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.07 min
 Lab File: VX006863.D
 Acq: 28 Dec 2018 16:07

Tgt Ion: 75 Resp: 176626
 Ion Ratio Lower Upper
 75 100
 53 0.1 79.7 119.5#
 89 0.1 38.0 57.0#





#90

Hexachloroethane

Concen: 3.303 ug/l

RT: 12.66 min Scan# 1888

Delta R.T. 0.07 min

Lab File: VX006863.D

Acq: 28 Dec 2018 16:07

Instrument :

MSVOA_X

ClientSampleId :

P001-SS025-0006-01ME

Tgt Ion:117 Resp: 42

Ion Ratio Lower Upper

117 100

201 54.8 42.9 128.7

