

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122418\
 Data File : VX006787.D
 Acq On : 24 Dec 2018 11:46
 Operator : JC/MD
 Sample : J6532-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Dec 25 01:17:52 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	622832	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	945616	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	873399	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	418388	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	324960	48.41	ug/l	0.00
Spiked Amount			Recovery	=	96.82%	
35) Dibromofluoromethane	5.50	113	293406	49.07	ug/l	0.00
Spiked Amount			Recovery	=	98.14%	
50) Toluene-d8	8.71	98	1116333	49.52	ug/l	0.00
Spiked Amount			Recovery	=	99.04%	
62) 4-Bromofluorobenzene	11.13	95	399990	48.44	ug/l	0.00
Spiked Amount			Recovery	=	96.88%	

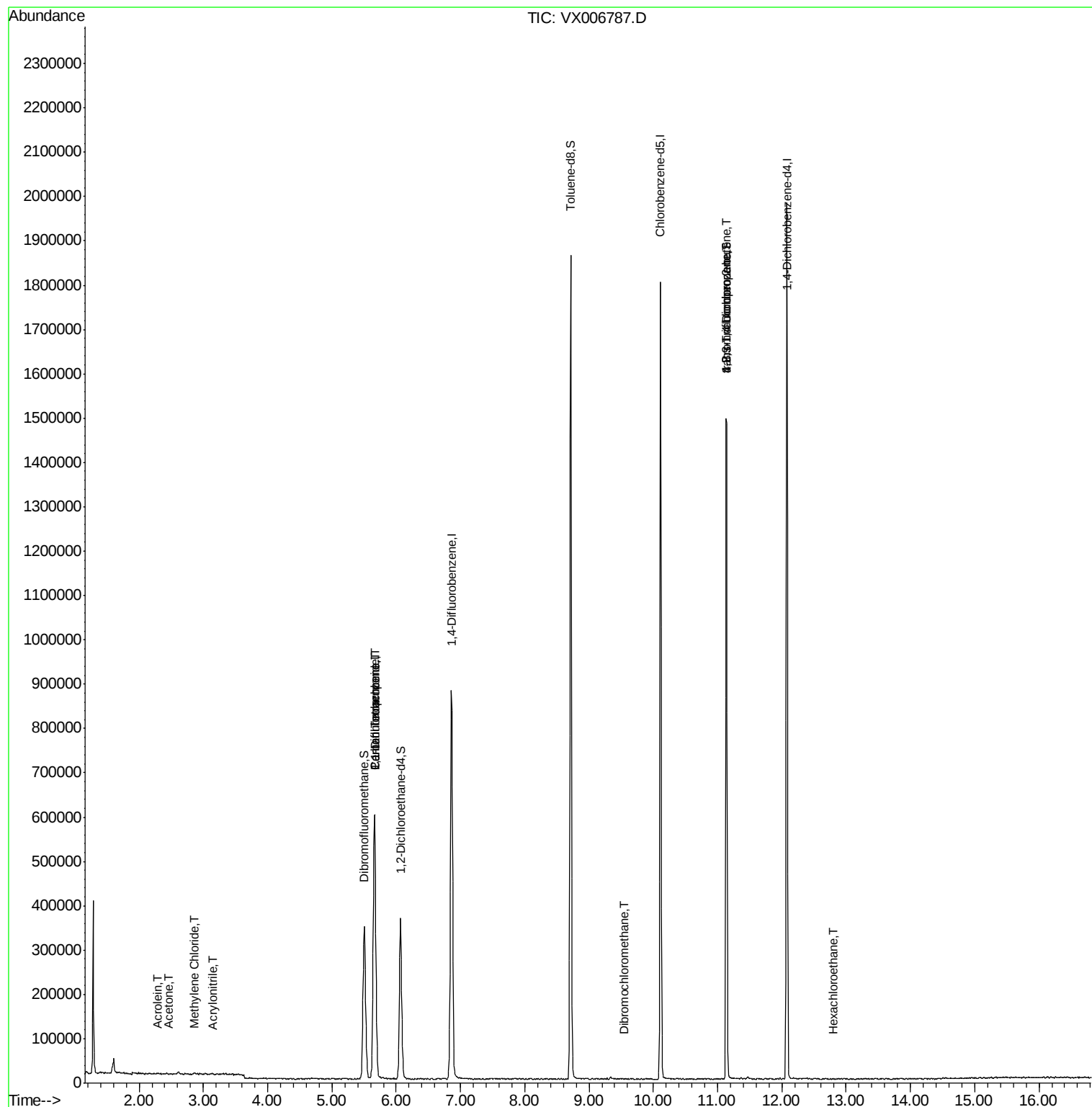
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	716	Below Cal	#	4
13) Acrolein	2.29	56	517	0.512	ug/l #	13
15) Acrylonitrile	3.16	53	868	0.261	ug/l #	84
16) Acetone	2.45	43	1183	0.384	ug/l #	62
20) Methylene Chloride	2.86	84	1962	0.308	ug/l #	75
28) Bromochloromethane	5.04	49	205	Below Cal	#	95
36) 1,1-Dichloropropene	5.66	75	39740	5.074	ug/l #	49
38) Carbon Tetrachloride	5.67	117	57364	7.537	ug/l #	14
49) 1,4-Dioxane	7.76	88	117	Below Cal	#	1
60) Dibromochloromethane	9.55	129	65	2.334	ug/l	79
76) 1,2,3-Trichloropropane	11.13	75	187107	24.064	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	187107	71.267	ug/l #	10
90) Hexachloroethane	12.79	117	45	3.304	ug/l	87

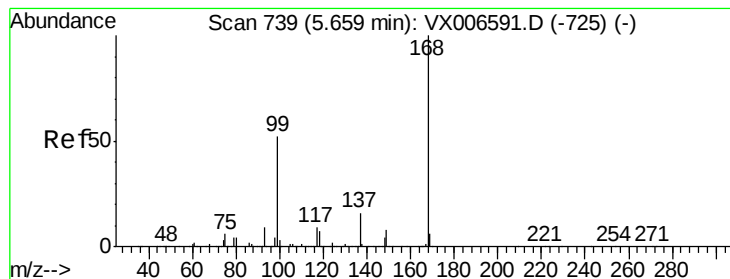
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX122418\
Data File : VX006787.D
Acq On : 24 Dec 2018 11:46
Operator : JC/MD
Sample : J6532-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

Quant Time: Dec 25 01:17:52 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: VX006787.D

Acq: 24 Dec 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

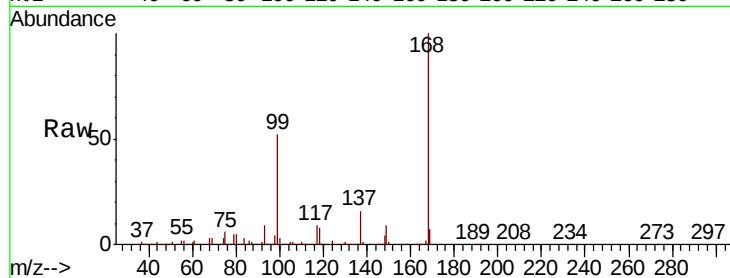
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:168 Resp: 622832

Ion Ratio Lower Upper

168 100

99 51.7 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.66

250000

200000

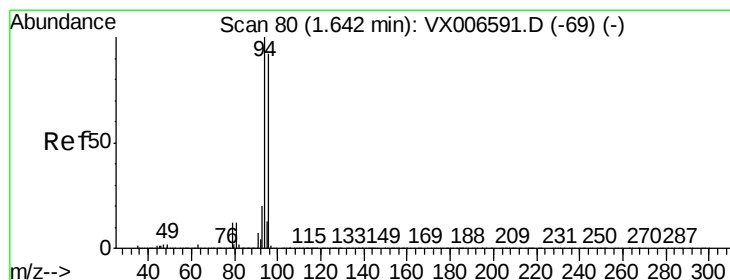
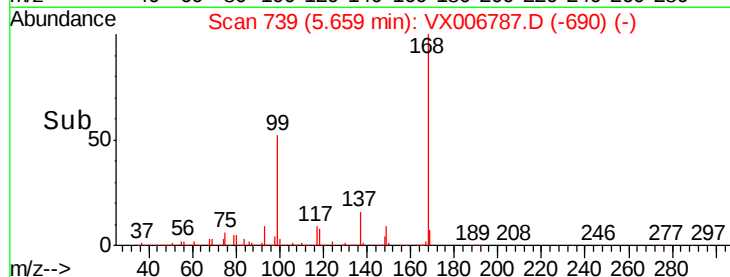
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX006787.D

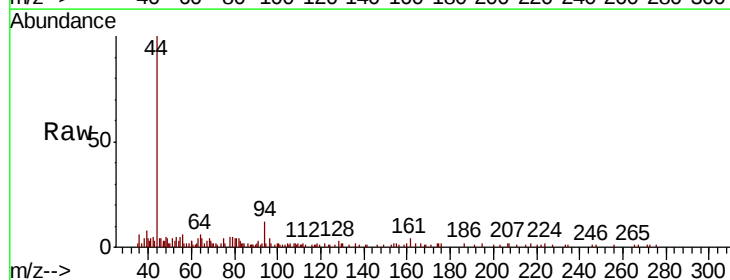
Acq: 24 Dec 2018 11:46

Tgt Ion: 94 Resp: 716

Ion Ratio Lower Upper

94 100

96 0.0 73.4 110.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

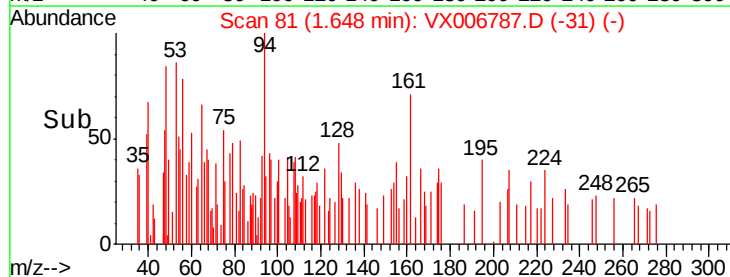
600

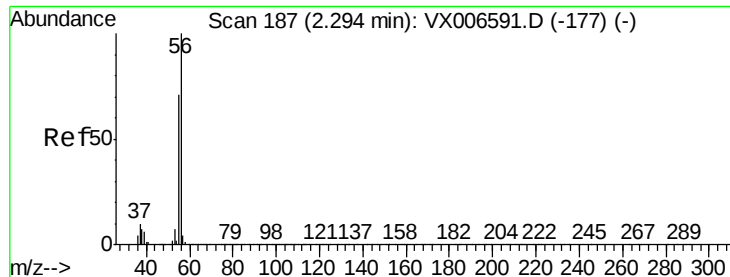
400

200

0

Time-->

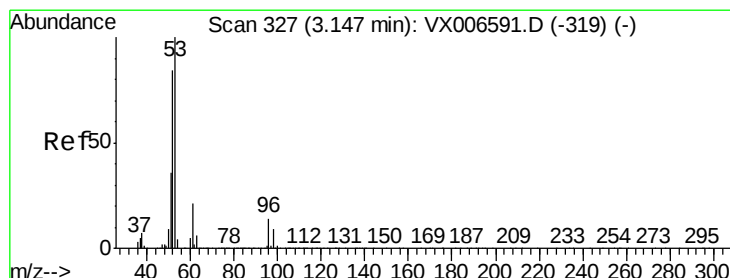
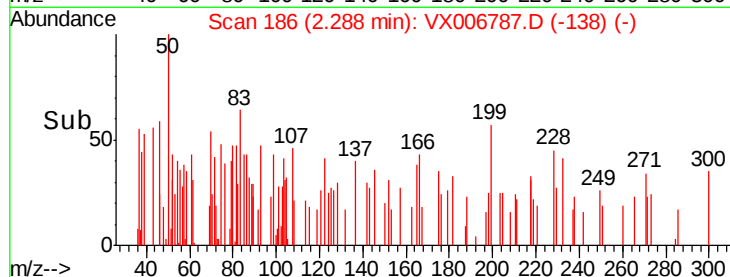
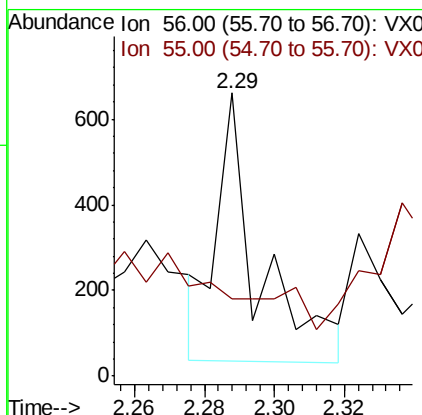
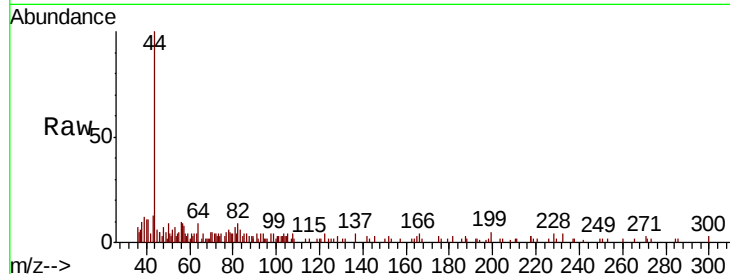




#13
Acrolein
Concen: 0.512 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX006787.D
Acq: 24 Dec 2018 11:46

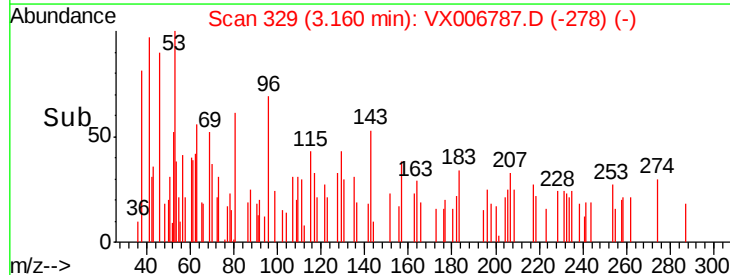
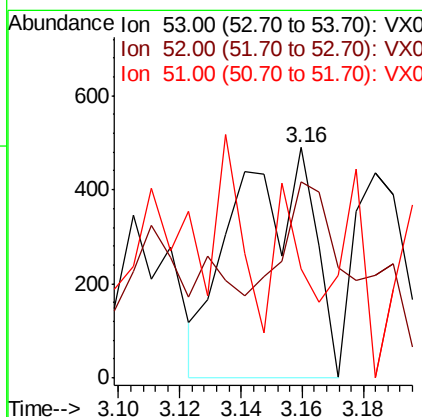
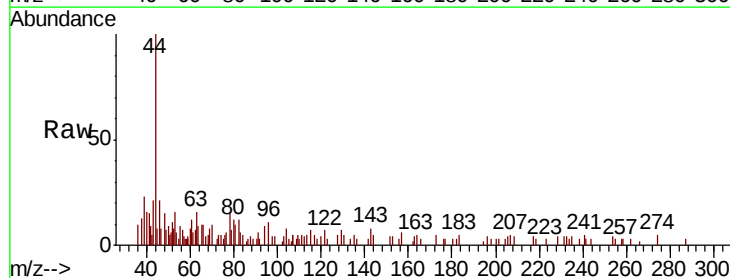
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

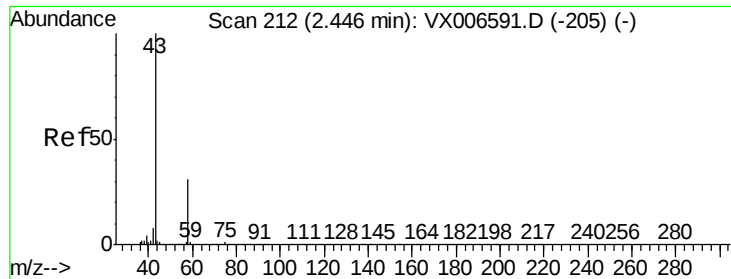
Tot Ion: 56 Resp: 517
Ion Ratio Lower Upper
56 100
55 0.0 58.2 87.4#



#15
Acrylonitrile
Concen: 0.261 ug/l
RT: 3.16 min Scan# 329
Delta R.T. 0.01 min
Lab File: VX006787.D
Acq: 24 Dec 2018 11:46

Tgt Ion: 53 Resp: 868
Ion Ratio Lower Upper
53 100
52 71.1 66.0 99.0
51 22.0 28.6 42.8#

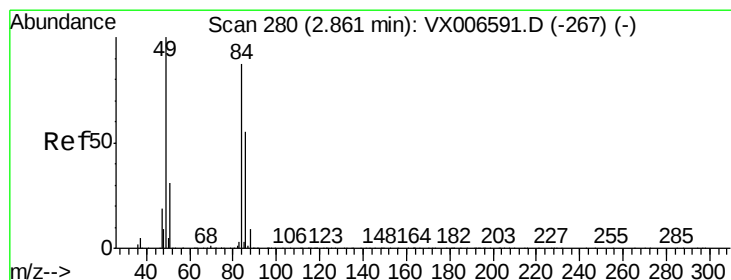
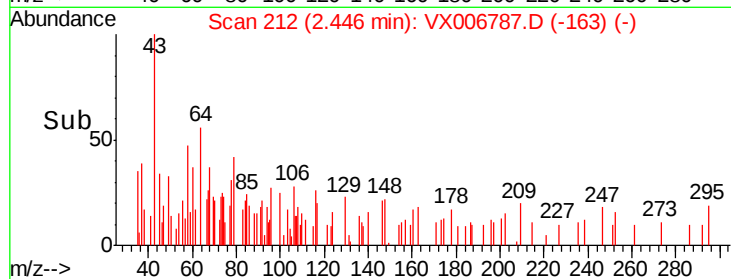
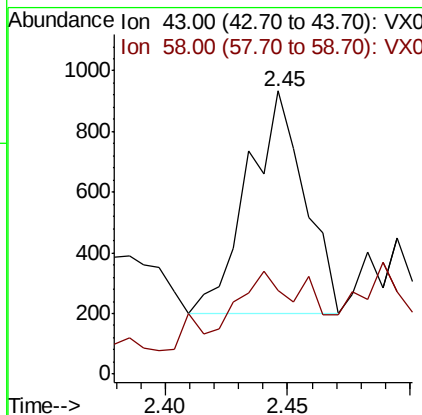
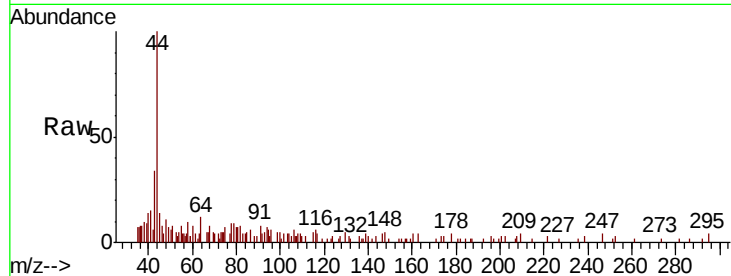




#16
Acetone
Concen: 0.384 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006787.D
Acq: 24 Dec 2018 11:46

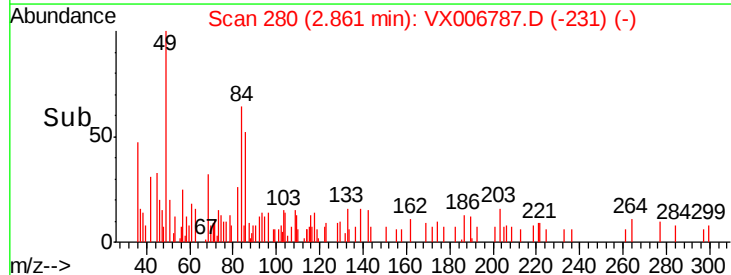
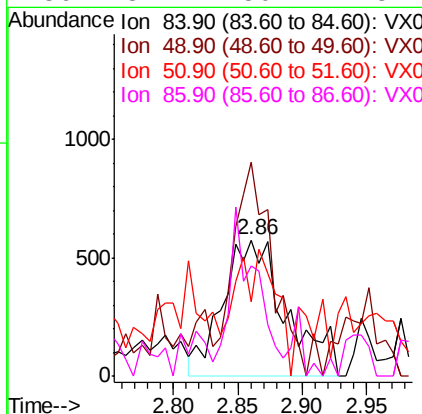
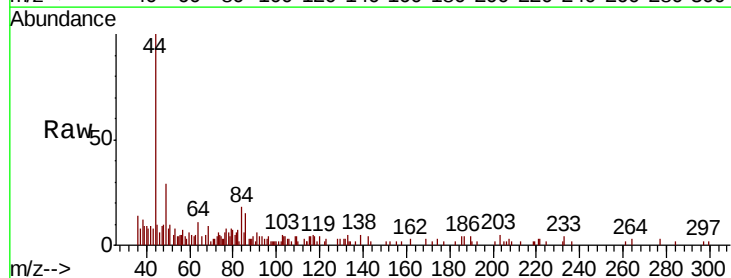
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

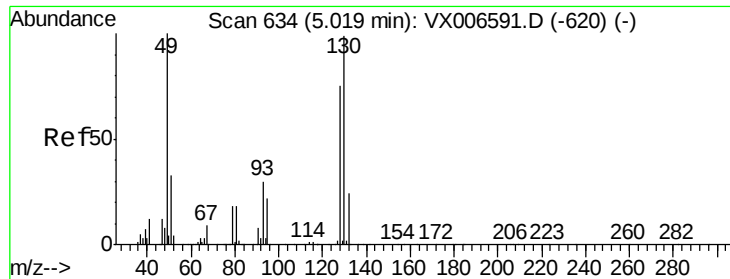
Tot Ion: 43 Resp: 1183
Ion Ratio Lower Upper
43 100
58 10.5 25.0 37.6#



#20
Methylene Chloride
Concen: 0.308 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006787.D
Acq: 24 Dec 2018 11:46

Tgt Ion: 84 Resp: 1962
Ion Ratio Lower Upper
84 100
49 135.9 91.8 137.6
51 8.5 28.5 42.7#
86 81.4 50.2 75.2#





#28

Bromochloromethane

Concen: Below Cal

RT: 5.04 min Scan# 638

Delta R.T. 0.02 min

Lab File: VX006787.D

Acq: 24 Dec 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

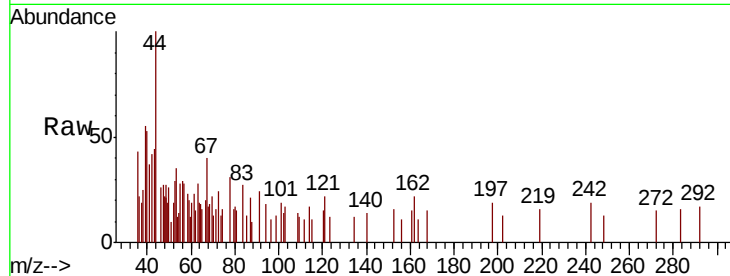
Tot Ion: 49 Resp: 205

Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.4

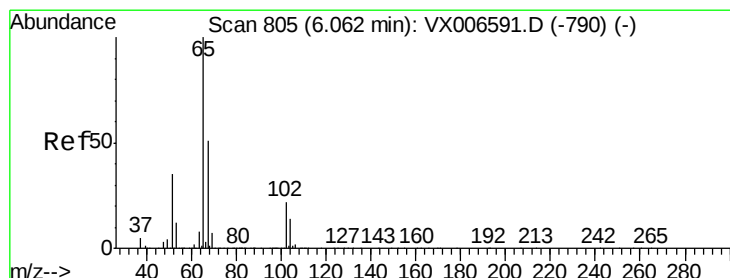
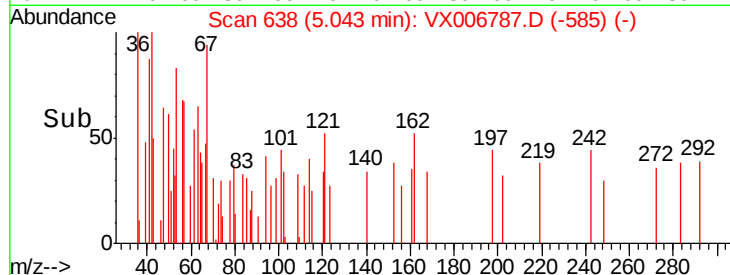
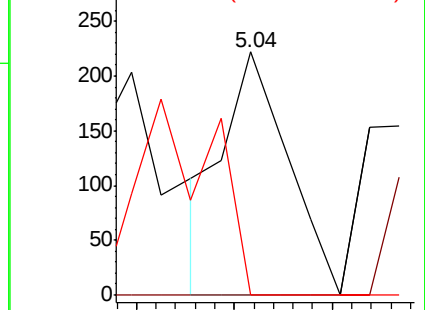
130 92.7 77.7 116.5



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#33

1,2-Dichloroethane-d4

Concen: 48.410 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006787.D

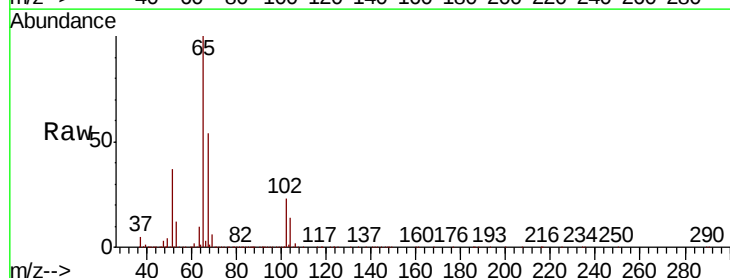
Acq: 24 Dec 2018 11:46

Tgt Ion: 65 Resp: 324960

Ion Ratio Lower Upper

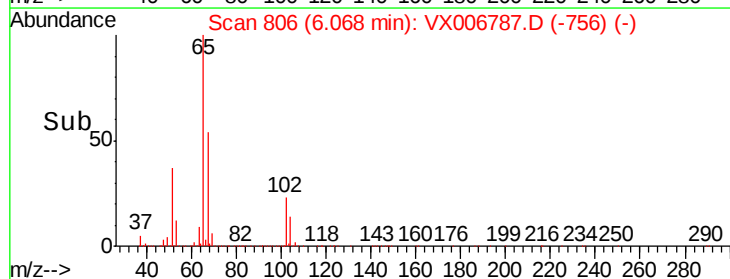
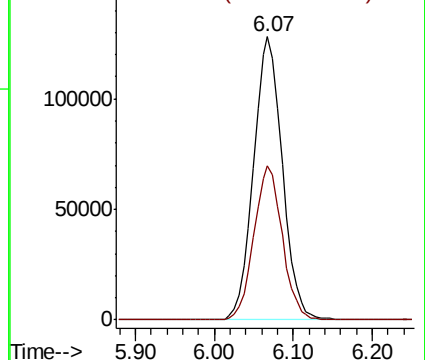
65 100

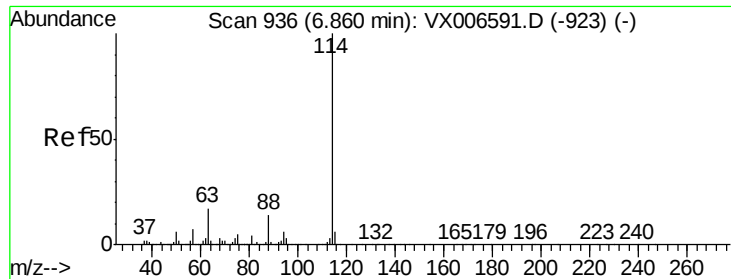
67 53.4 0.0 105.0



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: VX006787.D

Acq: 24 Dec 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

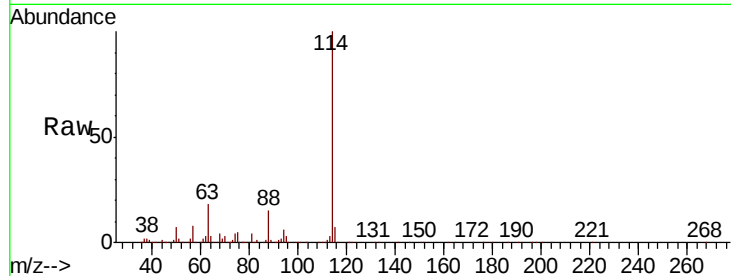
Tot Ion:114 Resp: 945616

Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.8

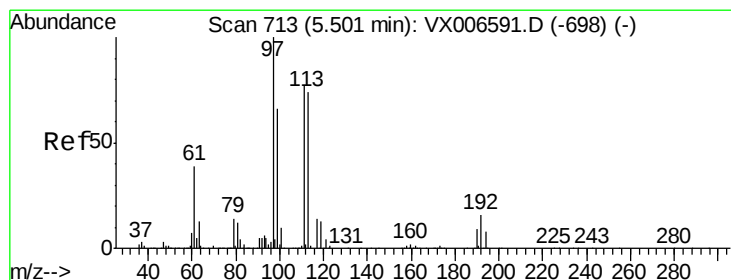
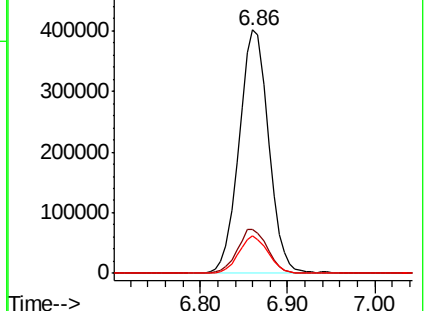
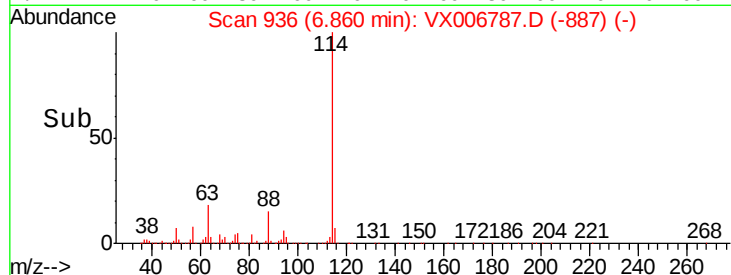
88 15.5 0.0 28.8



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: 49.065 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006787.D

Acq: 24 Dec 2018 11:46

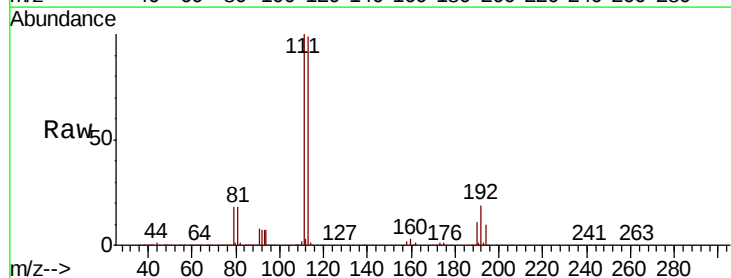
Tgt Ion:113 Resp: 293406

Ion Ratio Lower Upper

113 100

111 101.8 81.6 122.4

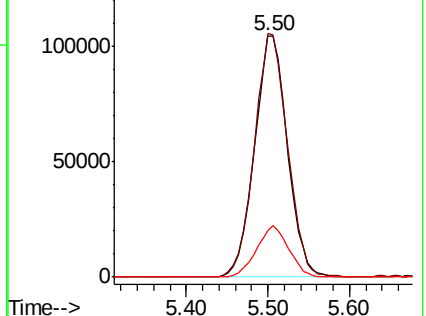
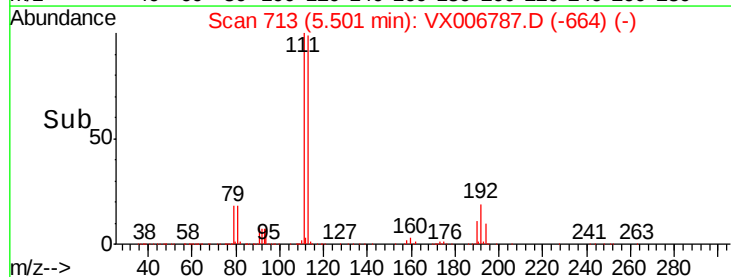
192 20.7 16.7 25.1

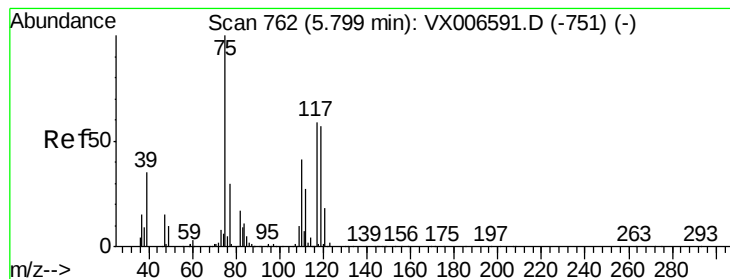


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.074 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006787.D

Acq: 24 Dec 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

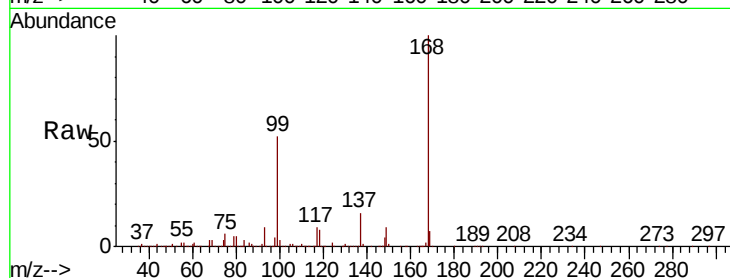
Tot Ion: 75 Resp: 39740

Ion Ratio Lower Upper

75 100

110 10.1 20.2 60.5#

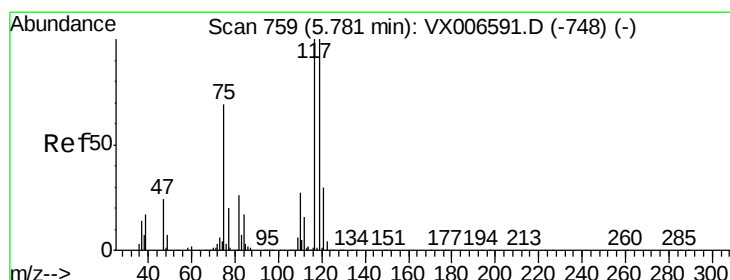
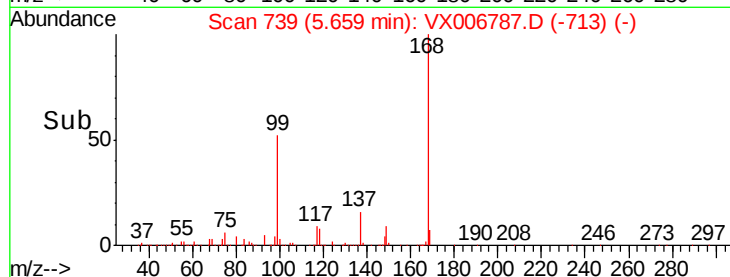
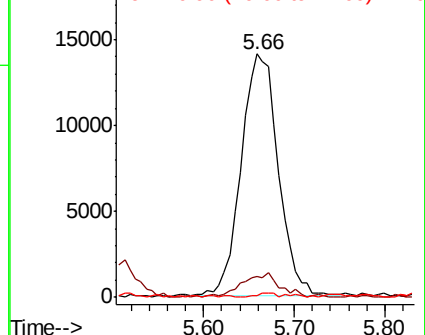
77 1.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VX006787.D (-713) (-)

Ion 109.90 (109.60 to 110.60): VX006787.D (-713) (-)

Ion 76.90 (76.60 to 77.60): VX006787.D (-713) (-)



#38

Carbon Tetrachloride

Concen: 7.537 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006787.D

Acq: 24 Dec 2018 11:46

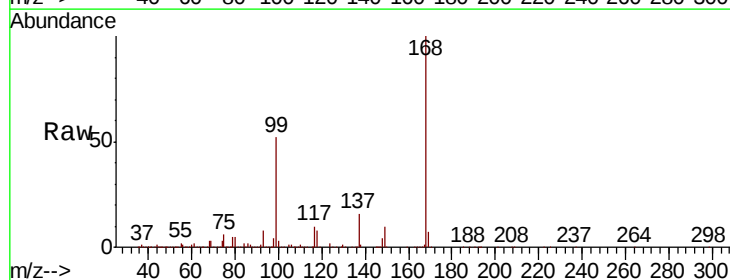
Tgt Ion: 117 Resp: 57364

Ion Ratio Lower Upper

117 100

119 4.1 79.4 119.2#

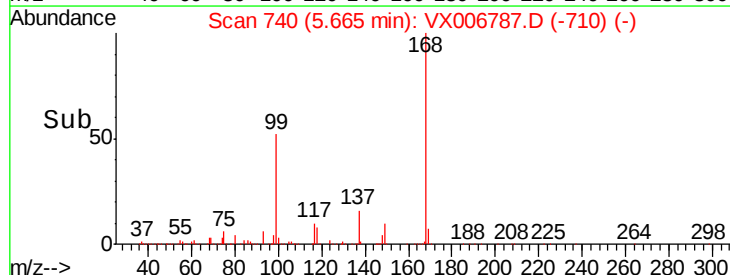
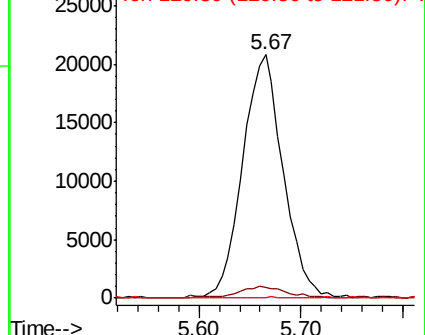
121 0.0 24.0 36.0#

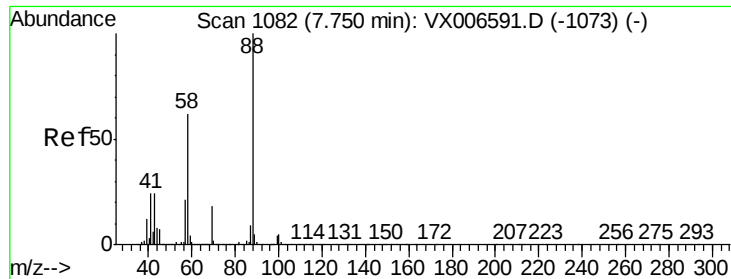


Abundance Ion 116.80 (116.50 to 117.50): VX006787.D (-710) (-)

Ion 118.80 (118.50 to 119.50): VX006787.D (-710) (-)

Ion 120.80 (120.50 to 121.50): VX006787.D (-710) (-)





#49

1,4-Dioxane

Concen: Below Cal

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX006787.D

Acq: 24 Dec 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

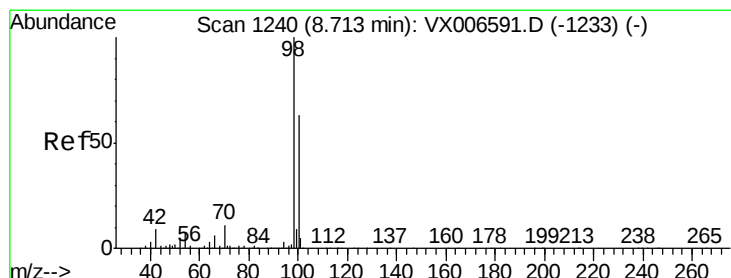
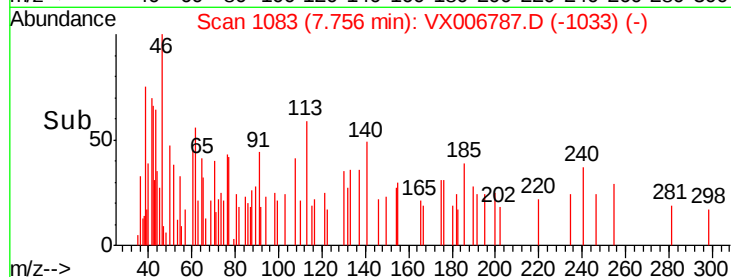
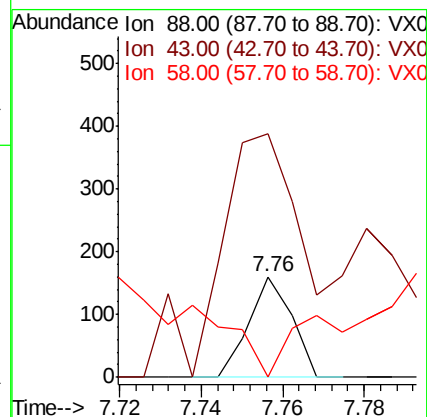
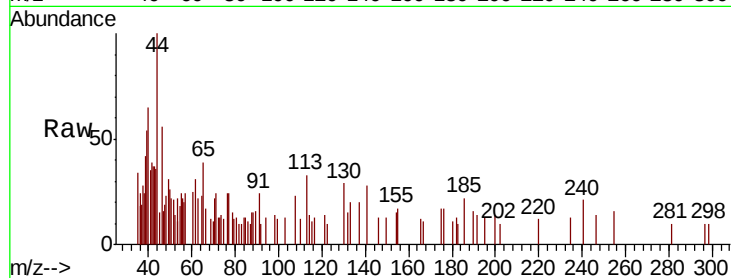
Tot Ion: 88 Resp: 117

Ion Ratio Lower Upper

88 100

43 464.1 22.2 33.4#

58 0.0 51.0 76.4#



#50

Toluene-d8

Concen: 49.517 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006787.D

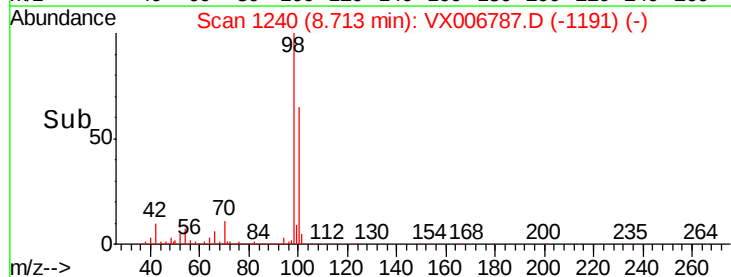
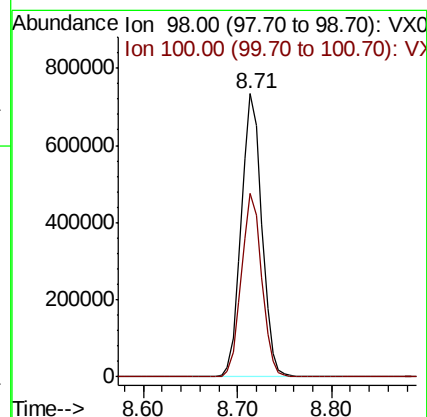
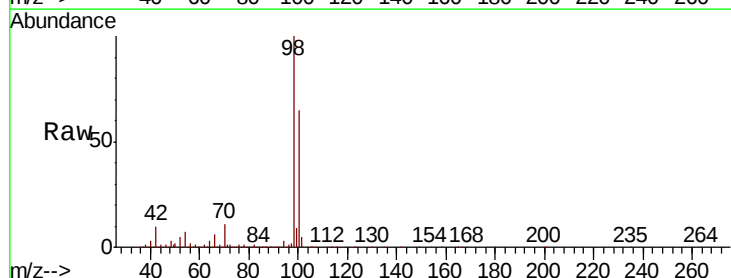
Acq: 24 Dec 2018 11:46

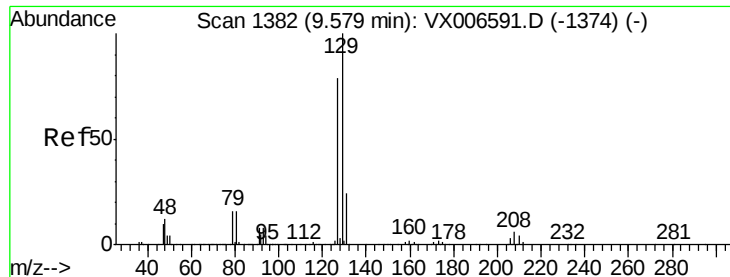
Tgt Ion: 98 Resp: 1116333

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0





#60

Dibromochloromethane

Concen: 2.334 ug/l

RT: 9.55 min Scan# 1377

Delta R.T. -0.03 min

Lab File: VX006787.D

Acq: 24 Dec 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

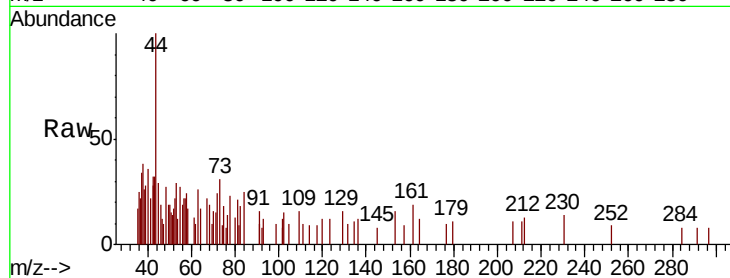
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:129 Resp: 65

Ion Ratio Lower Upper

129 100

127 96.9 39.3 117.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.55

100

80

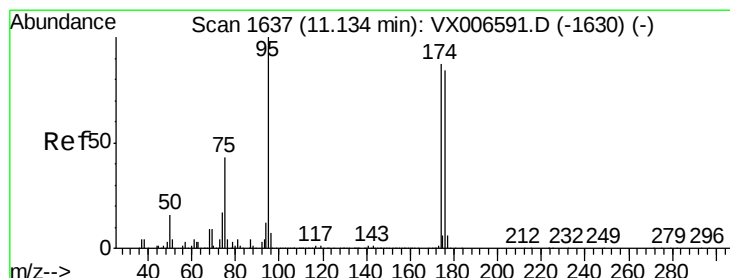
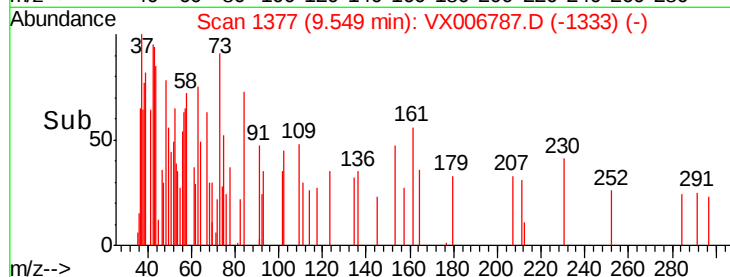
60

40

20

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.444 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006787.D

Acq: 24 Dec 2018 11:46

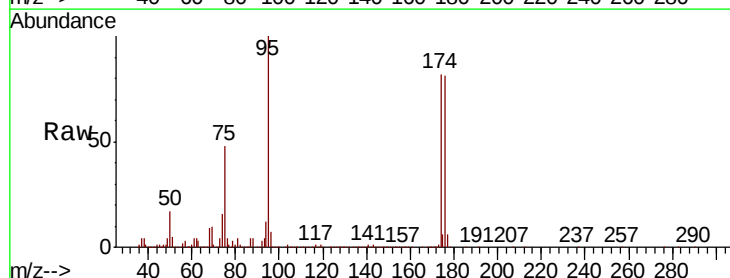
Tgt Ion: 95 Resp: 399990

Ion Ratio Lower Upper

95 100

174 88.7 0.0 182.2

176 87.5 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

400000

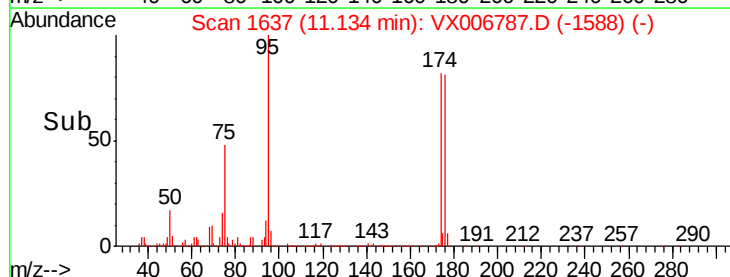
300000

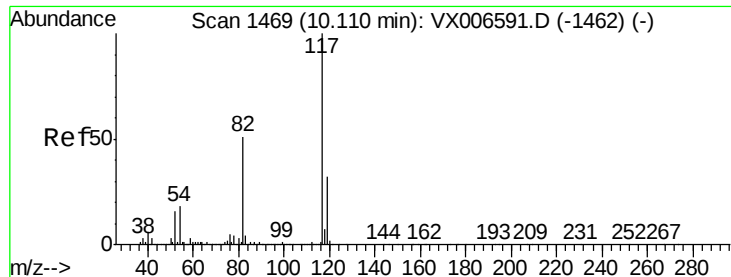
200000

100000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX006787.D

Acq: 24 Dec 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

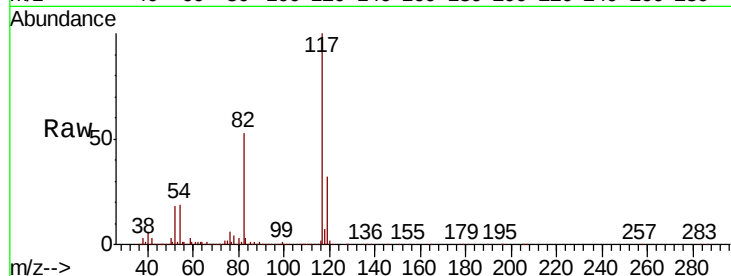
Tot Ion:117 Resp: 873399

Ion Ratio Lower Upper

117 100

82 52.6 41.0 61.6

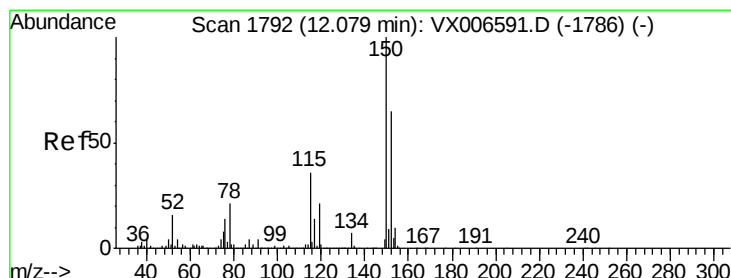
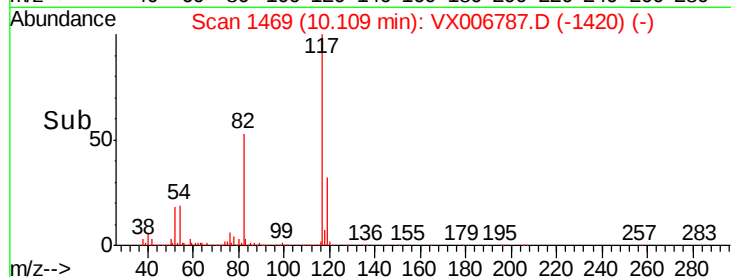
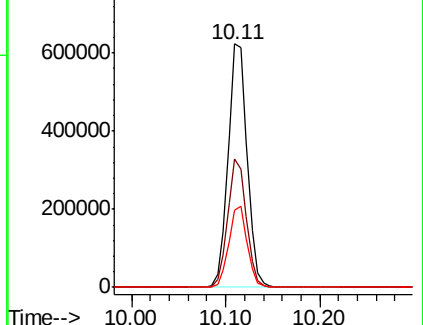
119 31.7 25.4 38.0



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: VX006787.D

Acq: 24 Dec 2018 11:46

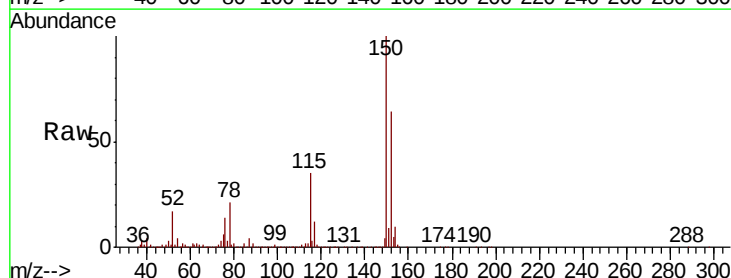
Tgt Ion:152 Resp: 418388

Ion Ratio Lower Upper

152 100

115 55.9 39.1 117.2

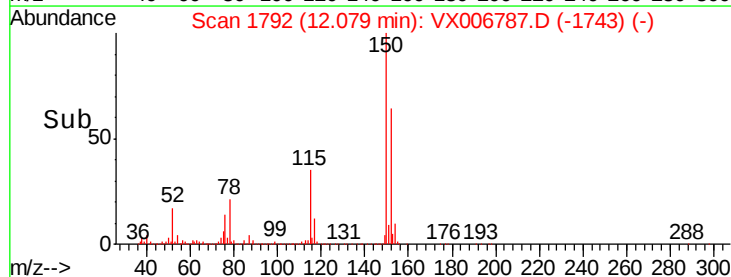
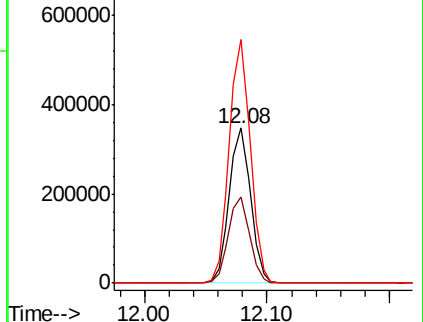
150 156.1 0.0 344.8

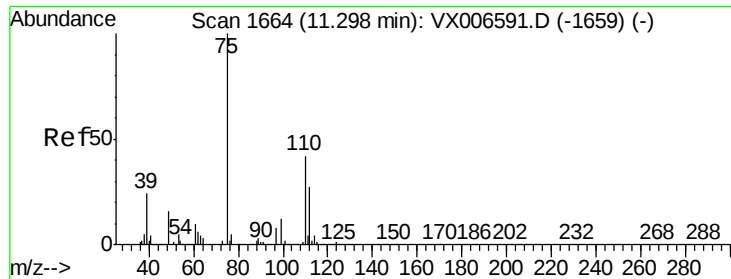


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 24.064 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006787.D

Acq: 24 Dec 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

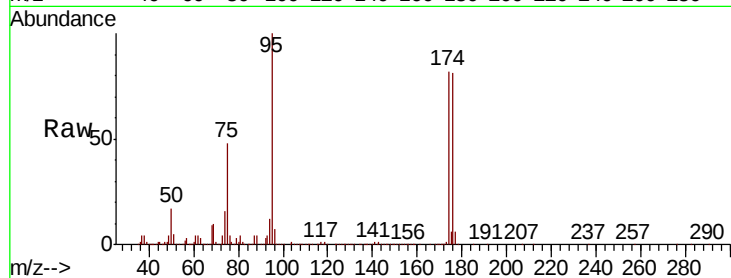
STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 75 Resp: 187107

Ion Ratio Lower Upper

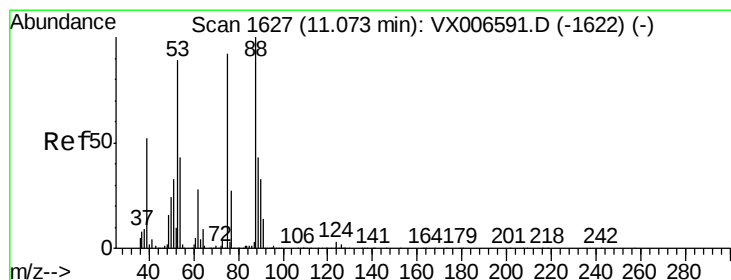
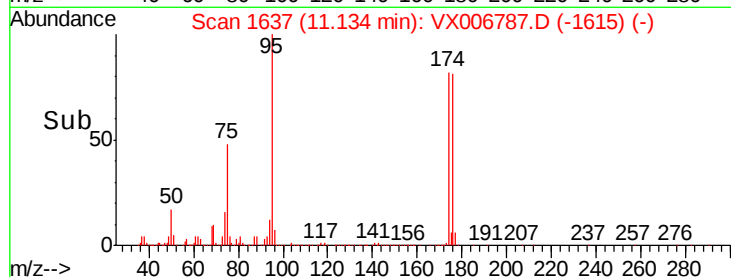
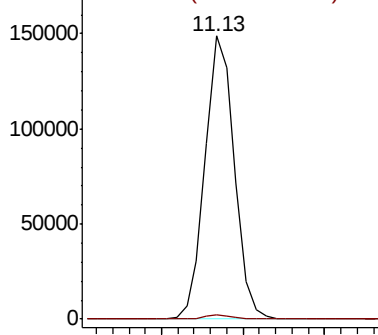
75 100

77 1.6 18.5 55.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 71.267 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006787.D

Acq: 24 Dec 2018 11:46

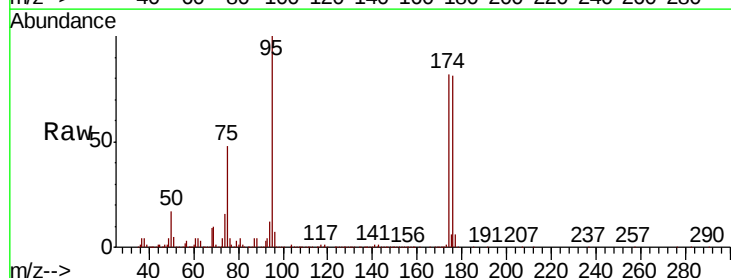
Tgt Ion: 75 Resp: 187107

Ion Ratio Lower Upper

75 100

53 0.1 79.7 119.5#

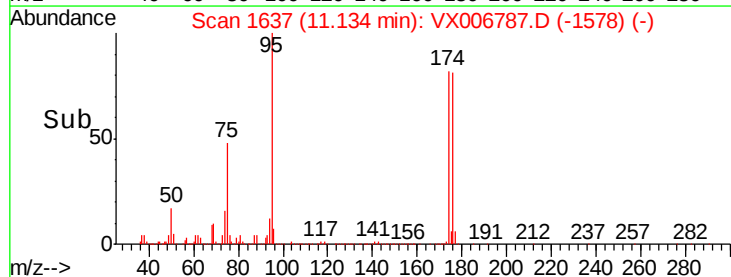
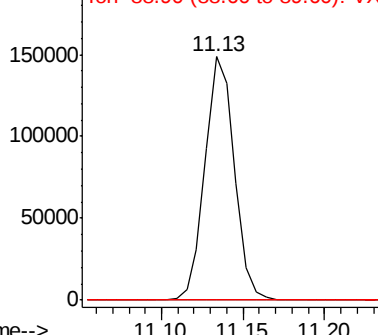
89 0.1 38.0 57.0#

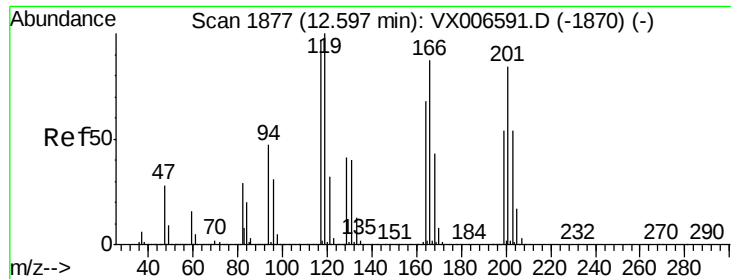


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#90

Hexachloroethane

Concen: 3.304 ug/l

RT: 12.79 min Scan# 1909

Delta R.T. 0.20 min

Lab File: VX006787.D

Acq: 24 Dec 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

Tot Ion:117 Resp: 45

Ion Ratio Lower Upper

117 100

201 97.8 42.9 128.7

