

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121018\
 Data File : VX006371.D
 Acq On : 10 Dec 2018 15:45
 Operator : JC/MD
 Sample : J6332-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Dec 11 03:57:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	787450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1189509	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1090867	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	526382	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	387803	48.24	ug/l	0.00
Spiked Amount			Recovery	=	96.48%	
35) Dibromofluoromethane	5.51	113	371137	48.19	ug/l	0.00
Spiked Amount			Recovery	=	96.38%	
50) Toluene-d8	8.71	98	1388808	49.58	ug/l	0.00
Spiked Amount			Recovery	=	99.16%	
62) 4-Bromofluorobenzene	11.13	95	525444	49.77	ug/l	0.00
Spiked Amount			Recovery	=	99.54%	

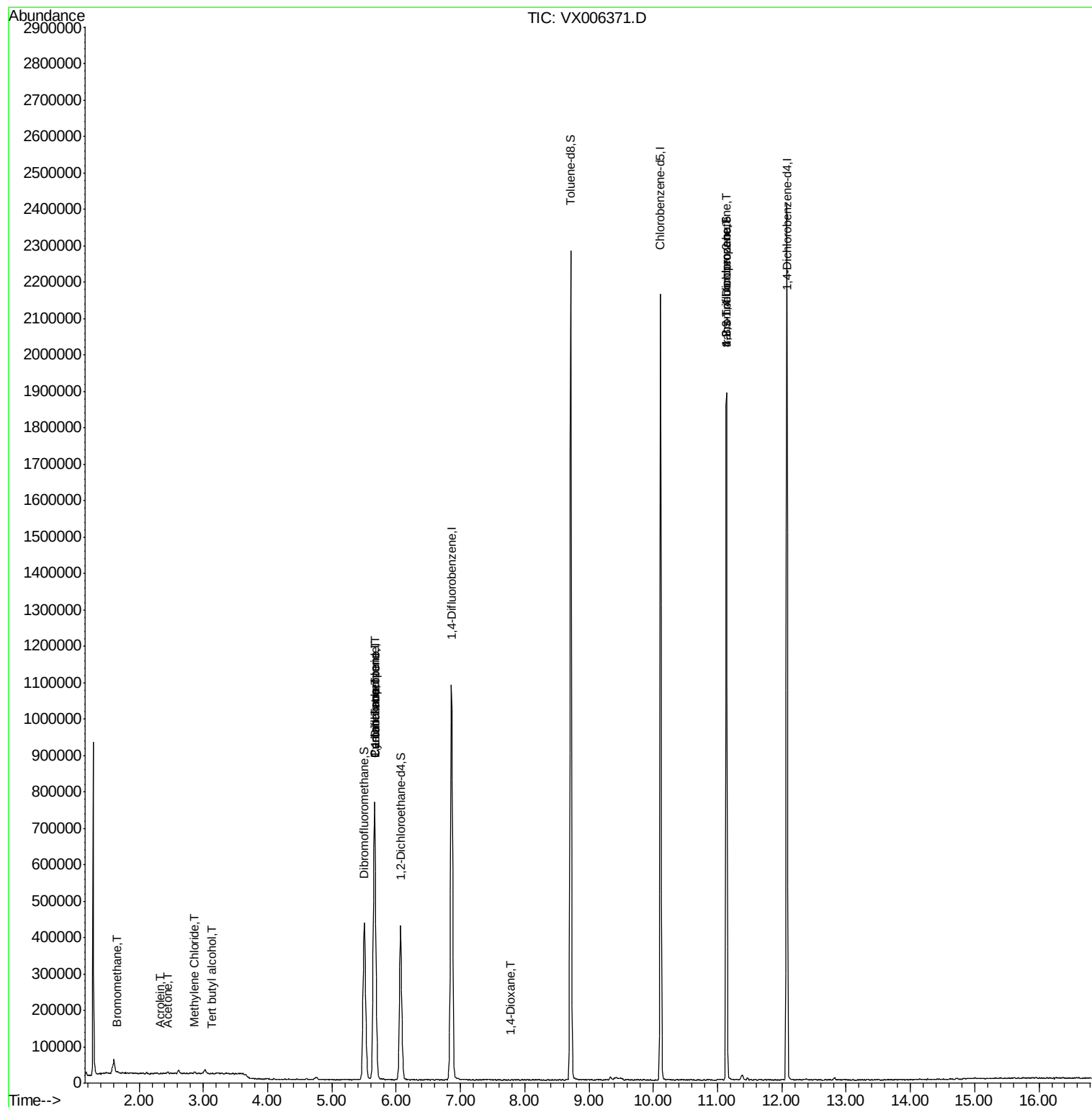
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	1316	0.223	ug/l #	71
11) Tert butyl alcohol	3.14	59	442	0.201	ug/l #	1
13) Acrolein	2.33	56	378	0.315	ug/l #	1
16) Acetone	2.45	43	5675	1.504	ug/l #	89
20) Methylene Chloride	2.86	84	2809	0.350	ug/l	94
31) Cyclohexane	5.67	56	11889	1.024	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	48042	4.796	ug/l #	49
38) Carbon Tetrachloride	5.67	117	70993	6.025	ug/l #	16
49) 1,4-Dioxane	7.77	88	254	1.133	ug/l #	69
76) 1,2,3-Trichloropropane	11.13	75	233233	22.956	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	233233	53.871	ug/l #	15

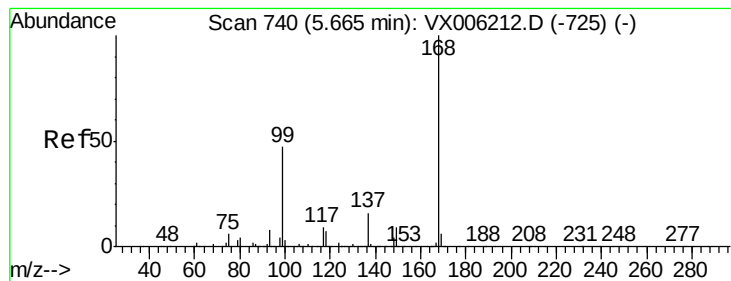
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121018\
Data File : VX006371.D
Acq On : 10 Dec 2018 15:45
Operator : JC/MD
Sample : J6332-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Dec 11 03:57:39 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006371.D

Acq: 10 Dec 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

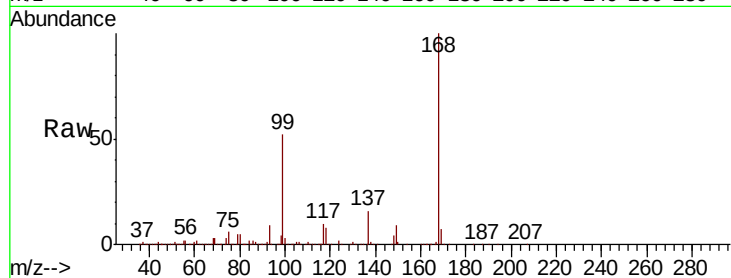
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:168 Resp: 787450

Ion Ratio Lower Upper

168 100

99 52.2 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

300000

250000

200000

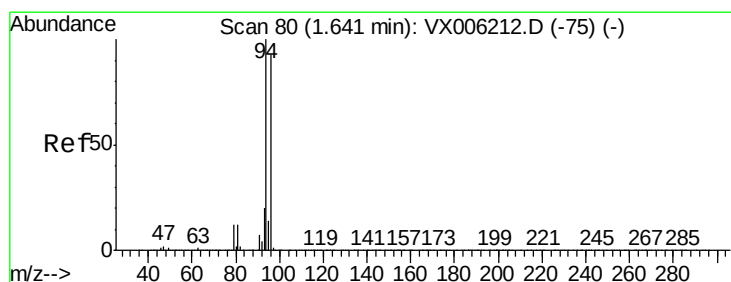
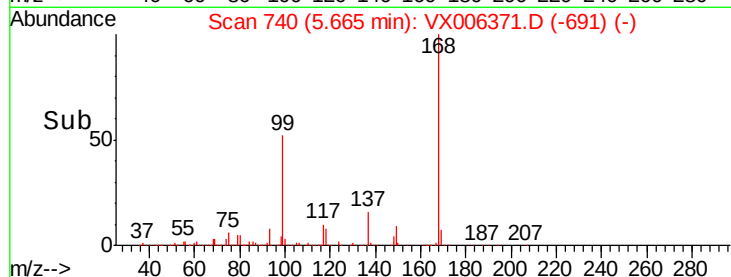
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.223 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX006371.D

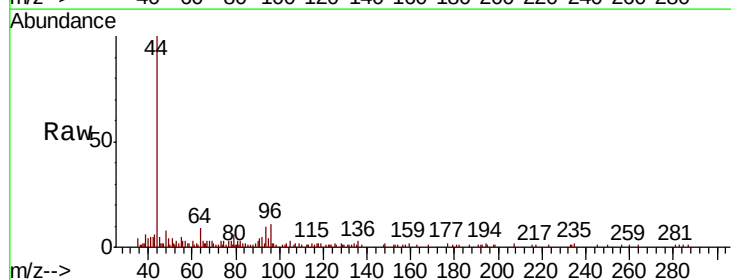
Acq: 10 Dec 2018 15:45

Tgt Ion: 94 Resp: 1316

Ion Ratio Lower Upper

94 100

96 120.9 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1000

800

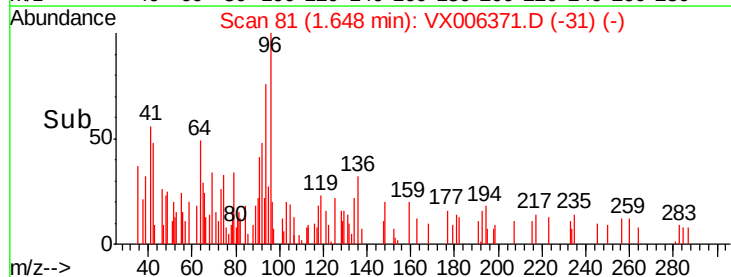
600

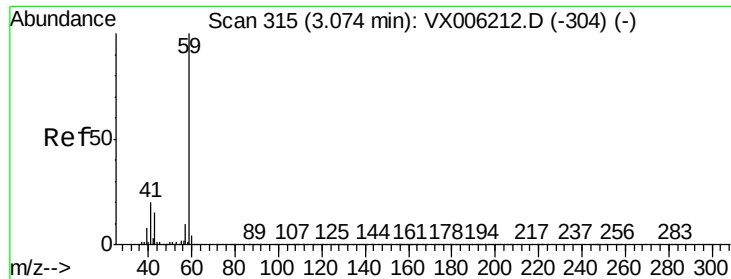
400

200

0

Time--> 1.60 1.65 1.70



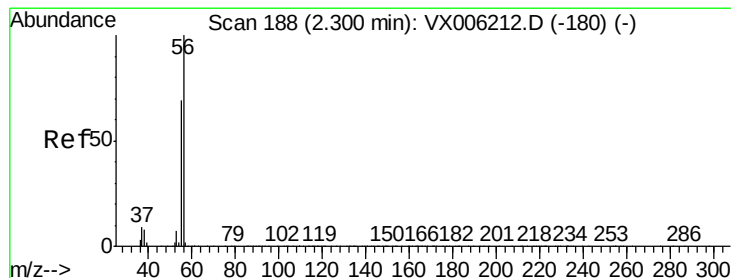
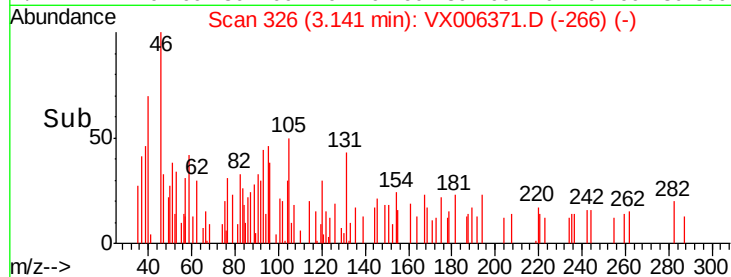
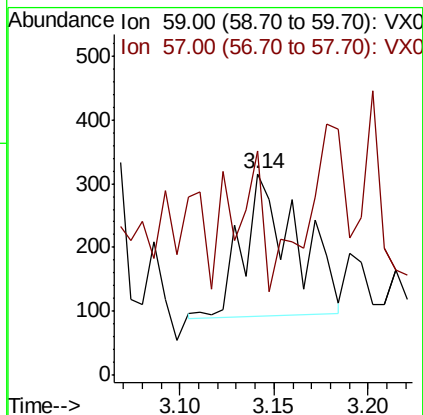
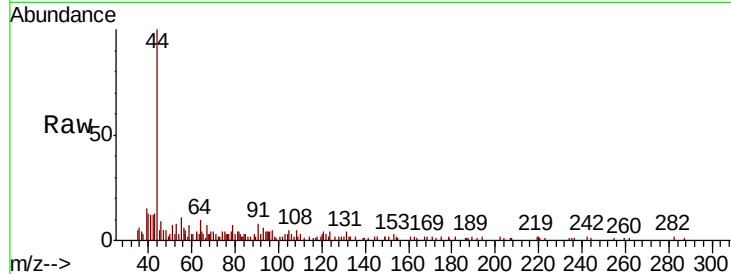


#11

Tert butyl alcohol
 Concen: 0.201 ug/l
 RT: 3.14 min Scan# 326
 Delta R.T. 0.07 min
 Lab File: VX006371.D
 Acq: 10 Dec 2018 15:45

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

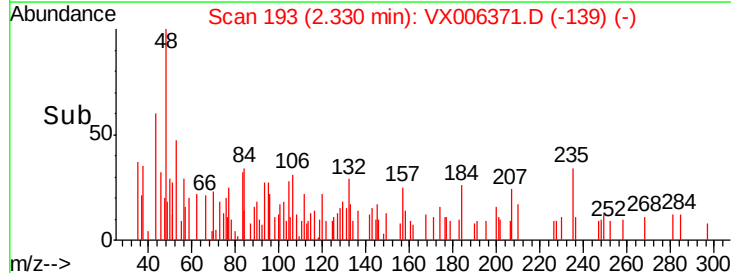
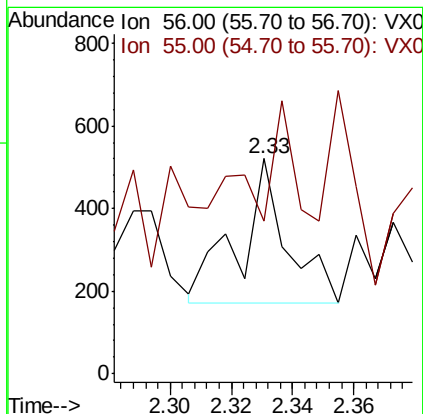
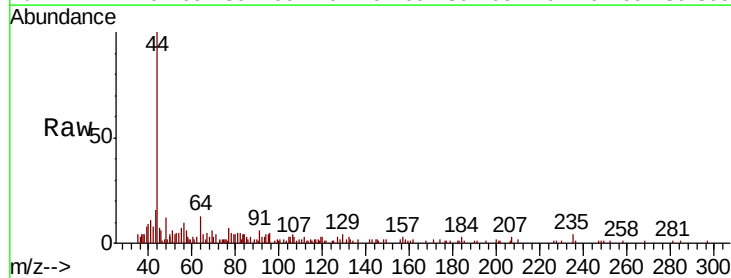
Tot Ion: 59 Resp: 442
 Ion Ratio Lower Upper
 59 100
 57 62.4 8.2 12.2#

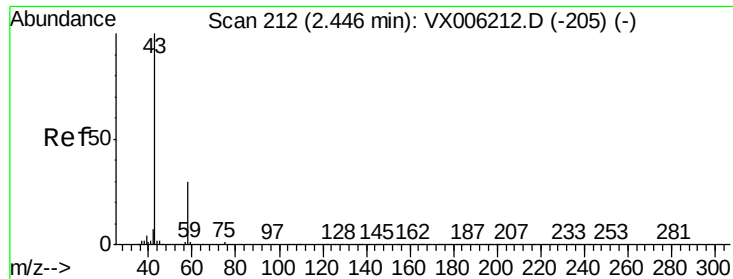


#13

Acrolein
 Concen: 0.315 ug/l
 RT: 2.33 min Scan# 193
 Delta R.T. 0.03 min
 Lab File: VX006371.D
 Acq: 10 Dec 2018 15:45

Tgt Ion: 56 Resp: 378
 Ion Ratio Lower Upper
 56 100
 55 167.7 57.8 86.6#





#16

Acetone

Concen: 1.504 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006371.D

Acq: 10 Dec 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

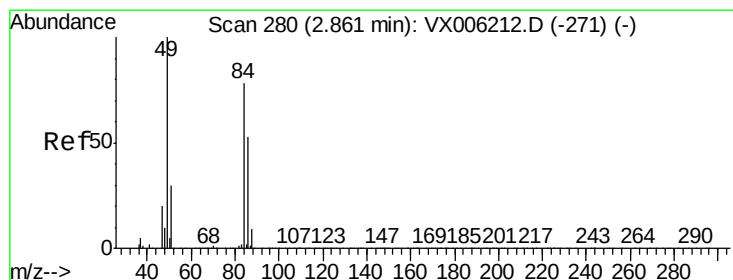
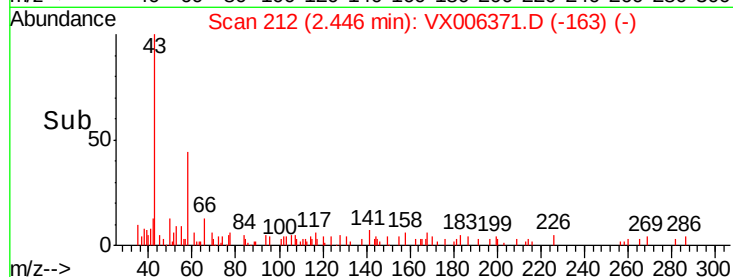
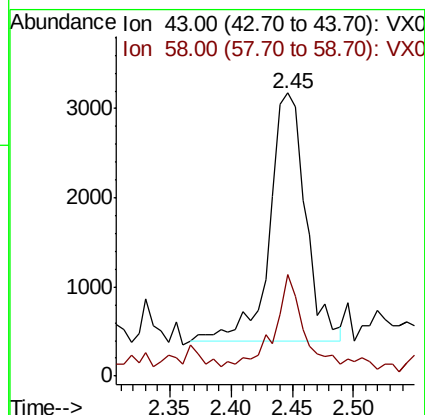
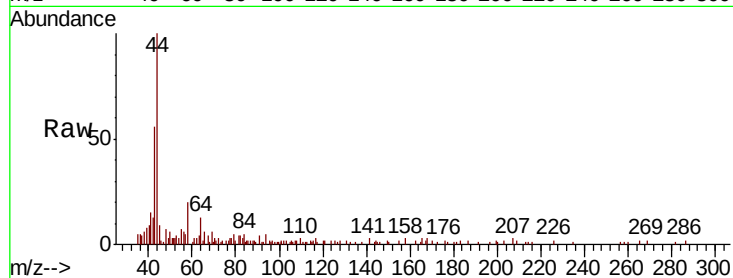
STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 43 Resp: 5675

Ion Ratio Lower Upper

43 100

58 36.1 24.0 36.0#



#20

Methylene Chloride

Concen: 0.350 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX006371.D

Acq: 10 Dec 2018 15:45

Tgt Ion: 84 Resp: 2809

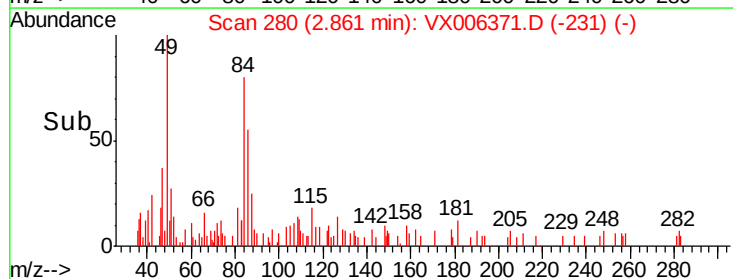
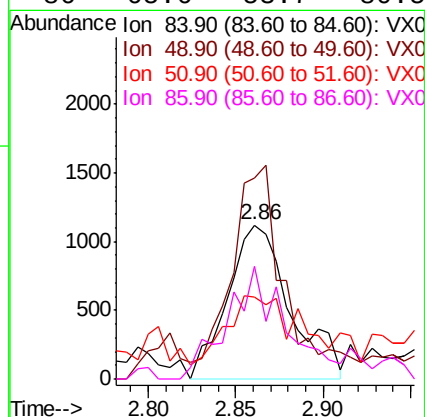
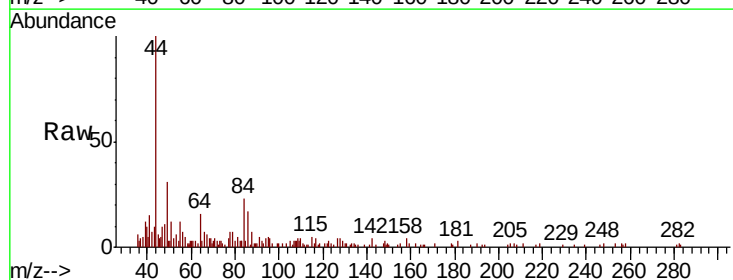
Ion Ratio Lower Upper

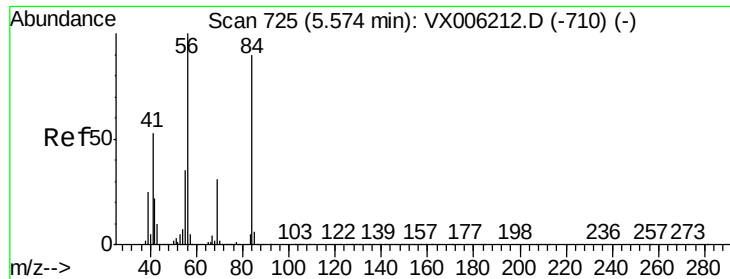
84 100

49 119.4 102.2 153.4

51 44.3 31.1 46.7

86 65.6 53.7 80.5





#31

Cyclohexane

Concen: 1.024 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.09 min

Lab File: VX006371.D

Acq: 10 Dec 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

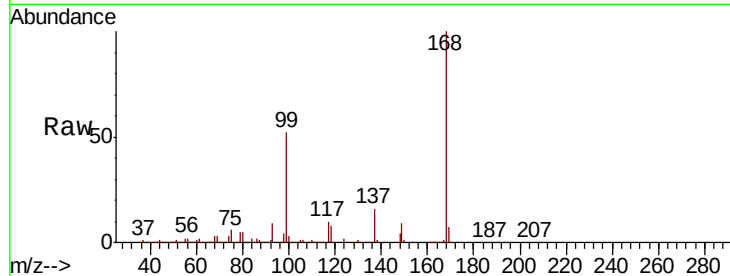
Tot Ion: 56 Resp: 11889

Ion Ratio Lower Upper

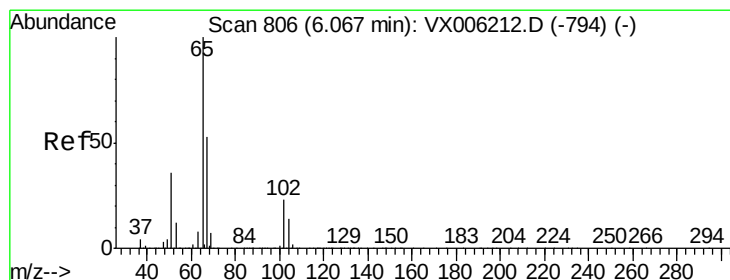
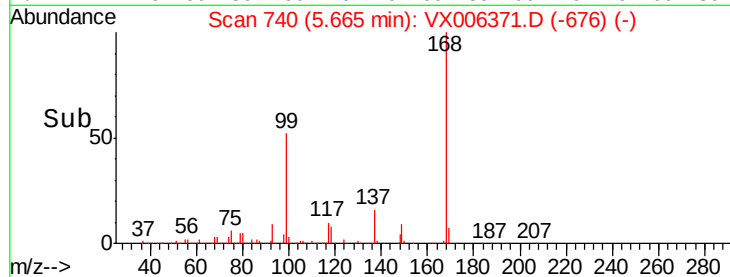
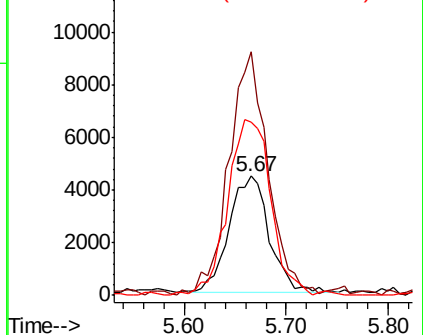
56 100

69 207.9 24.5 36.7#

84 148.6 71.8 107.6#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.243 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006371.D

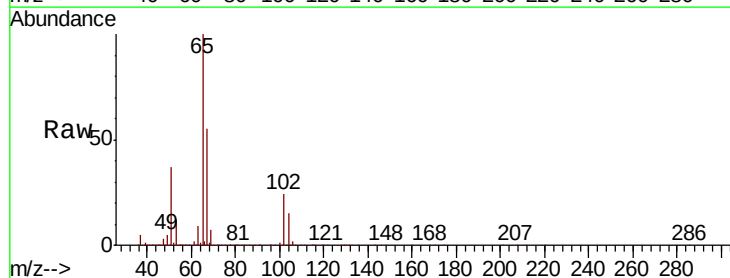
Acq: 10 Dec 2018 15:45

Tgt Ion: 65 Resp: 387803

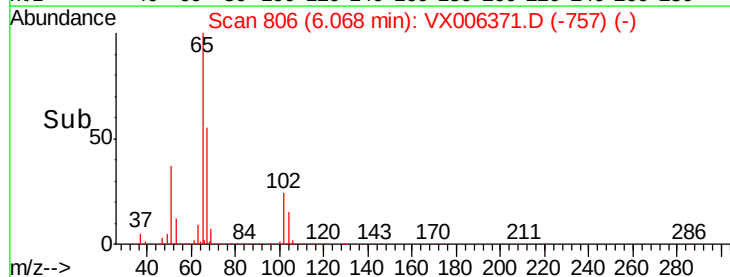
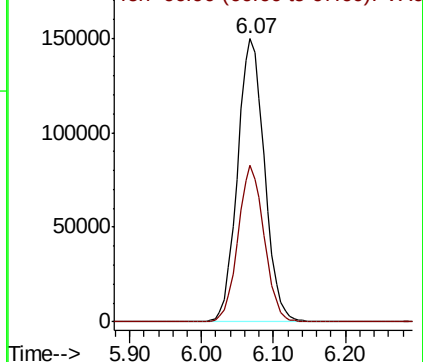
Ion Ratio Lower Upper

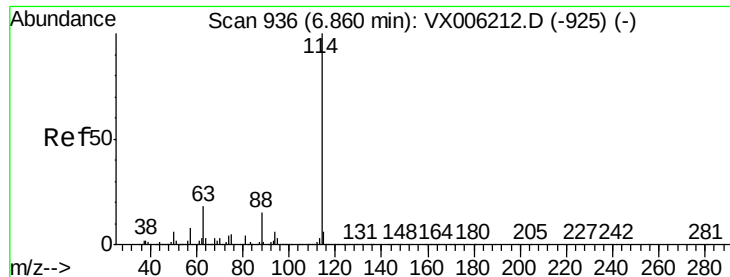
65 100

67 53.6 0.0 107.2



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: VX006371.D

Acq: 10 Dec 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

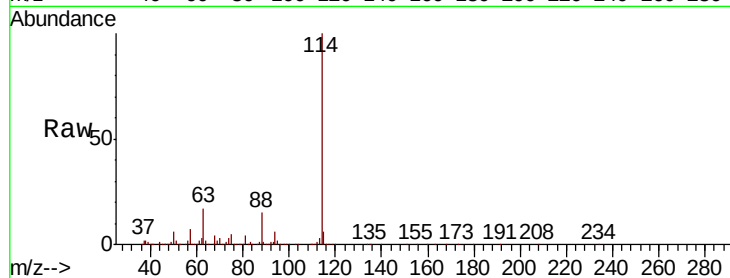
Tot Ion:114 Resp: 1189509

Ion Ratio Lower Upper

114 100

63 17.1 0.0 36.6

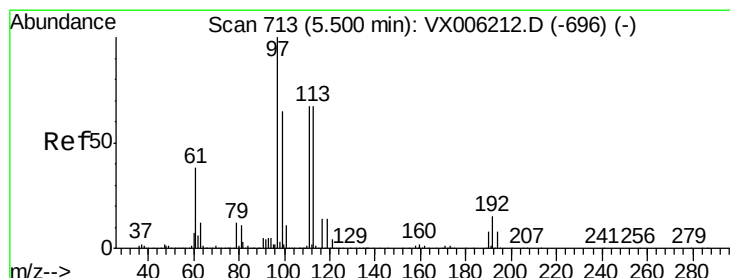
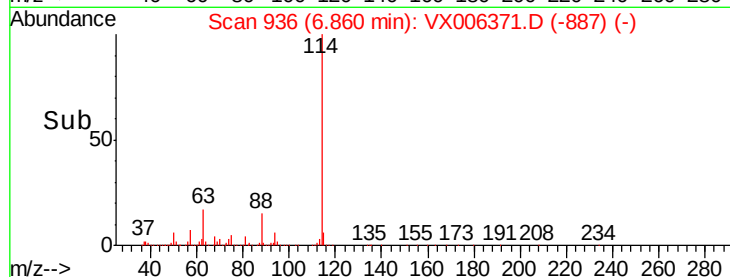
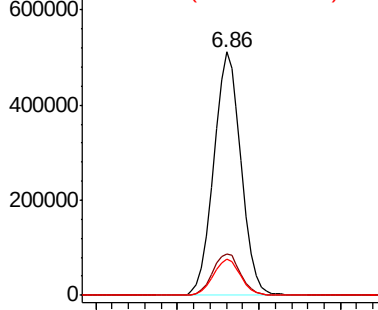
88 14.8 0.0 29.0



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: 48.190 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006371.D

Acq: 10 Dec 2018 15:45

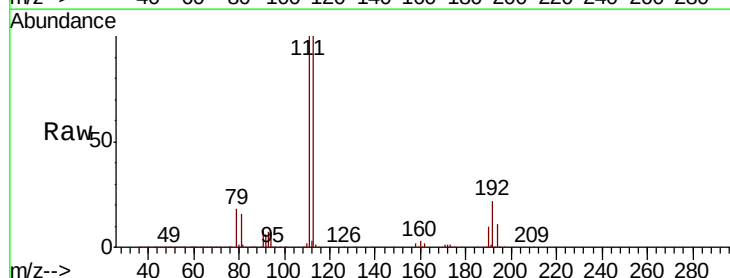
Tgt Ion:113 Resp: 371137

Ion Ratio Lower Upper

113 100

111 101.5 81.1 121.7

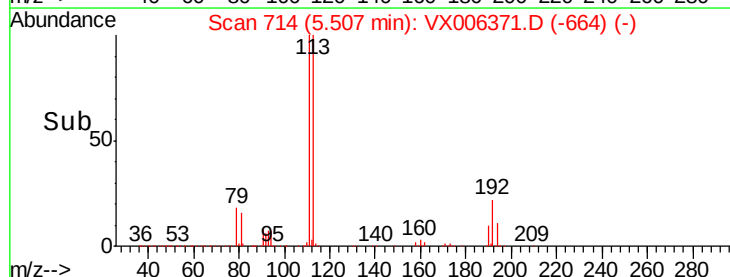
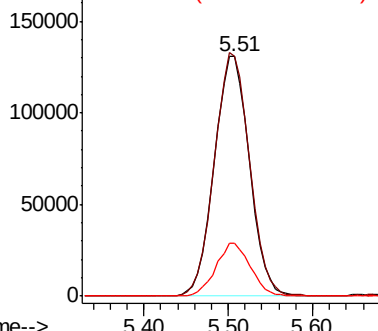
192 21.8 18.2 27.2

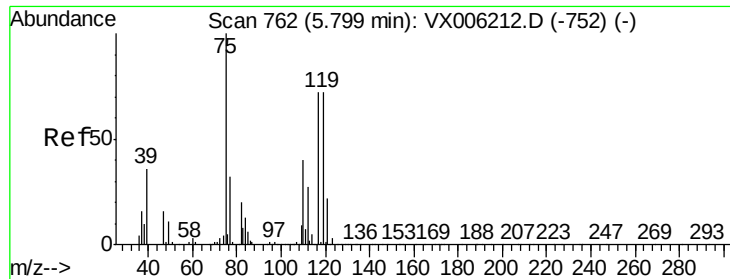


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

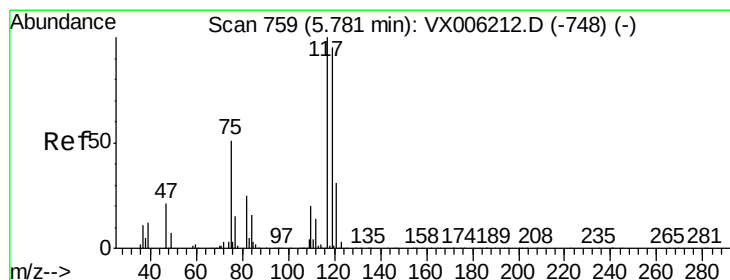
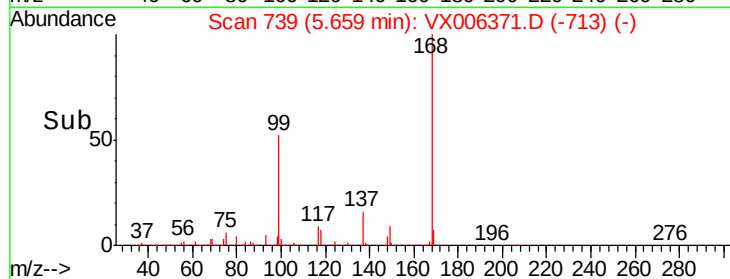
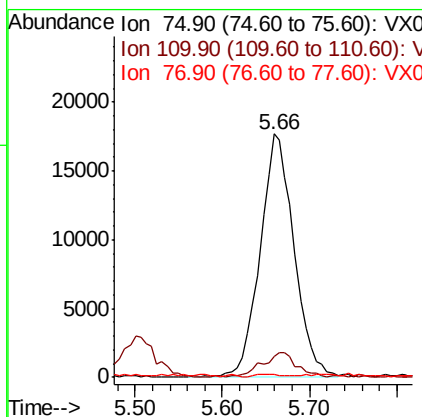
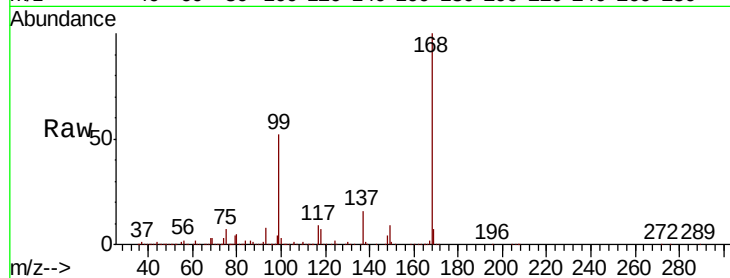




#36
 1,1-Dichloropropene
 Concen: 4.796 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX006371.D
 Acq: 10 Dec 2018 15:45

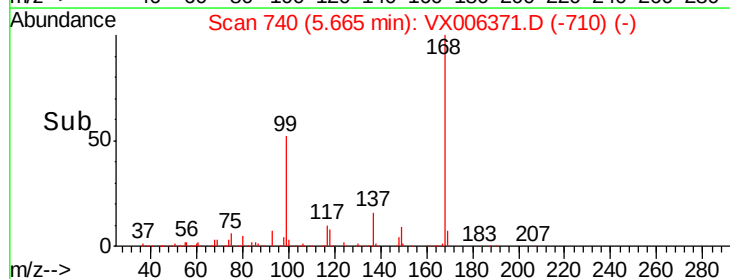
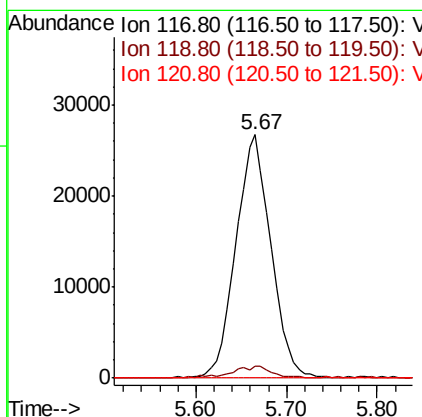
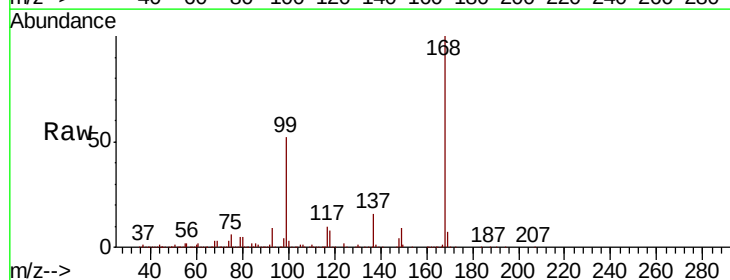
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

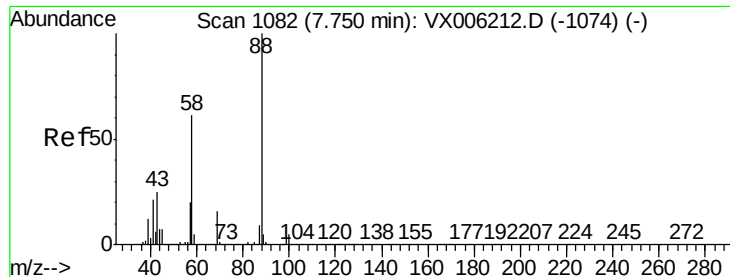
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.8	20.4	61.3#
77	1.2	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.025 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX006371.D
 Acq: 10 Dec 2018 15:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.1	75.8	113.8#
121	0.0	24.6	37.0#

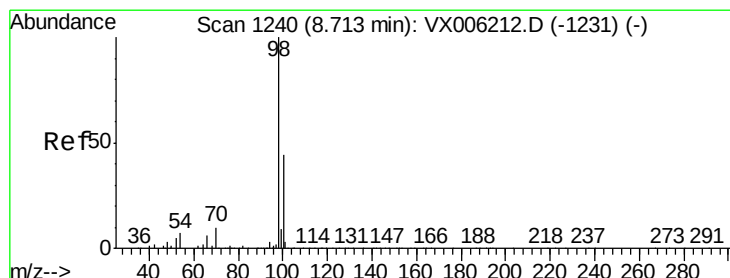
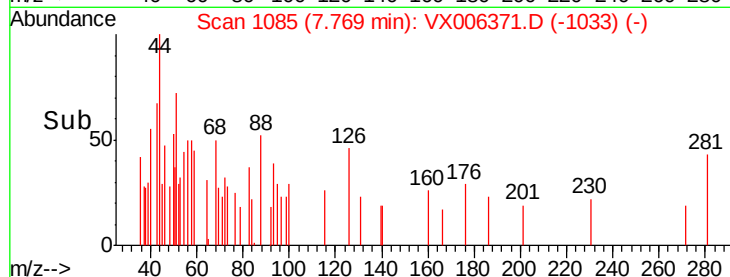
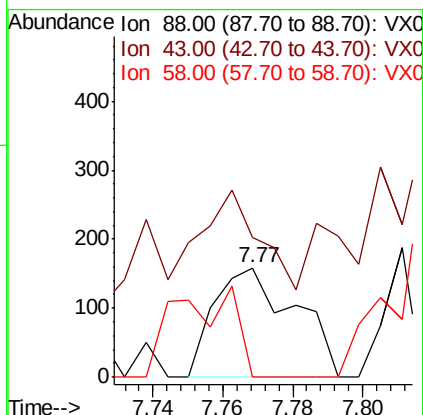
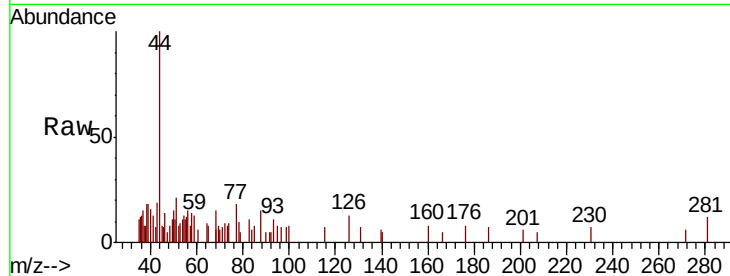




#49
1,4-Dioxane
Concen: 1.133 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.02 min
Lab File: VX006371.D
Acq: 10 Dec 2018 15:45

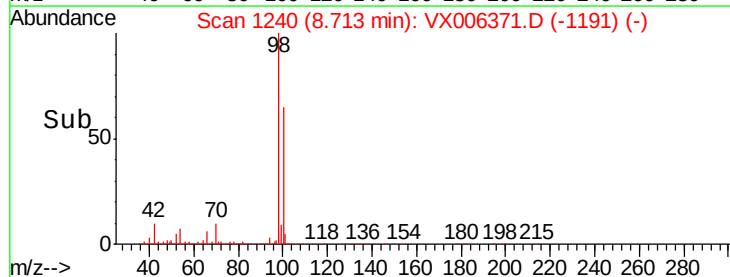
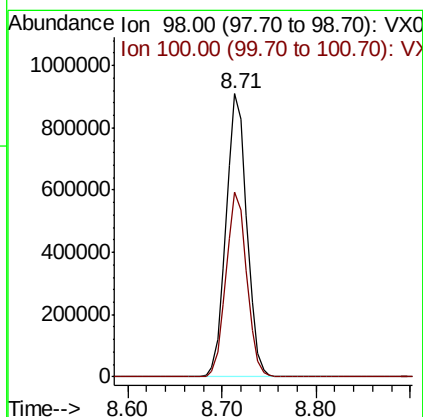
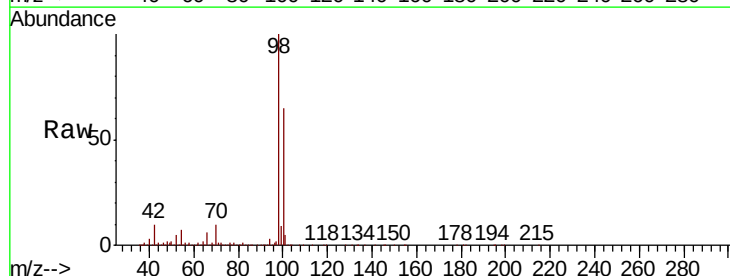
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

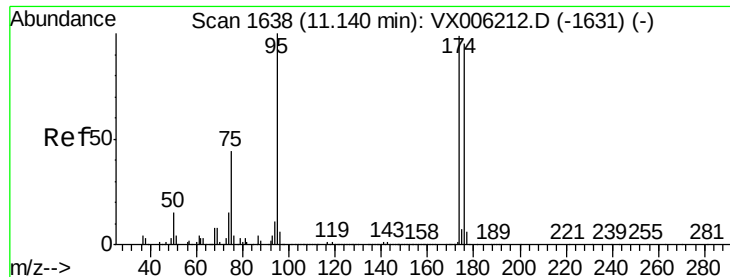
Tot Ion: 88 Resp: 254
Ion Ratio Lower Upper
88 100
43 77.2 23.2 34.8#
58 61.4 51.4 77.0



#50
Toluene-d8
Concen: 49.576 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006371.D
Acq: 10 Dec 2018 15:45

Tgt Ion: 98 Resp: 1388808
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 49.775 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006371.D

Acq: 10 Dec 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

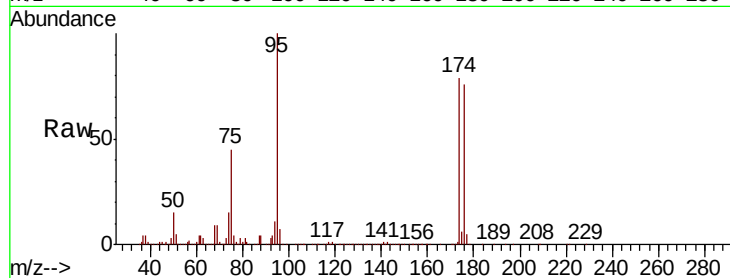
Tot Ion: 95 Resp: 525444

Ion Ratio Lower Upper

95 100

174 86.5 0.0 187.0

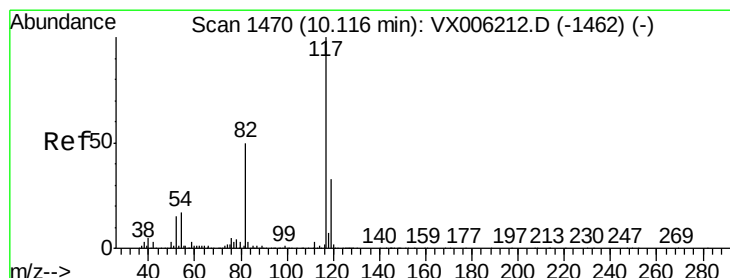
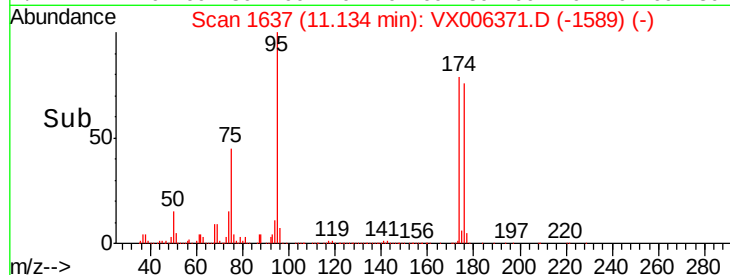
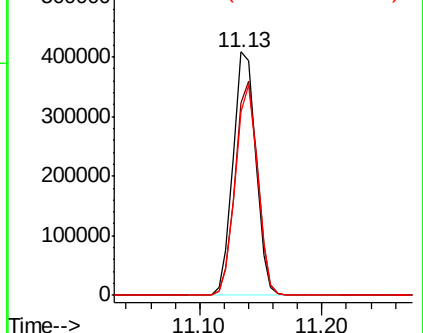
176 84.4 0.0 181.8



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006371.D

Acq: 10 Dec 2018 15:45

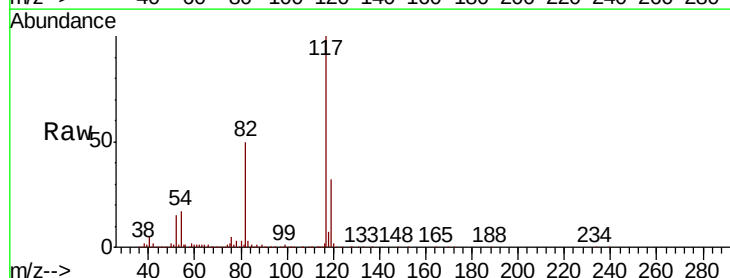
Tgt Ion: 117 Resp: 1090867

Ion Ratio Lower Upper

117 100

82 49.8 39.6 59.4

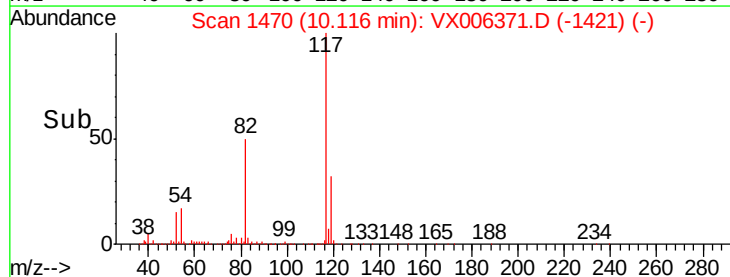
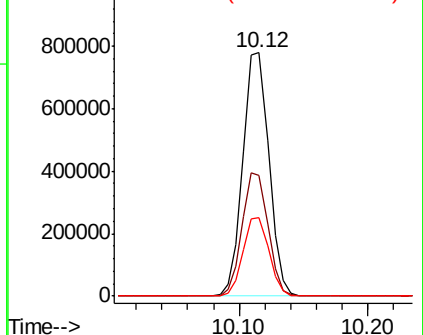
119 32.2 26.3 39.5

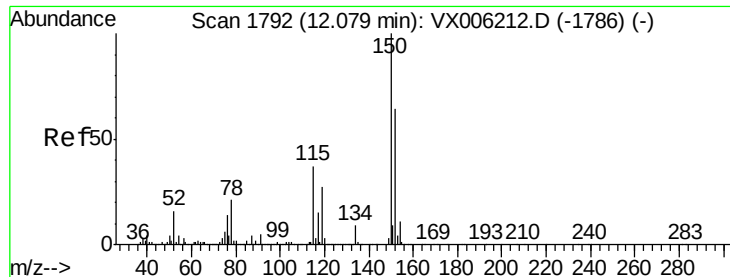


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX006371.D

Acq: 10 Dec 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

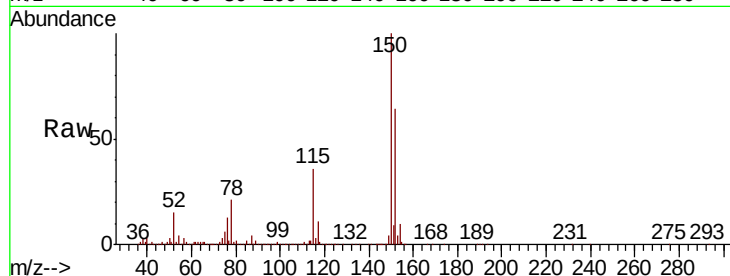
Tot Ion:152 Resp: 526382

Ion Ratio Lower Upper

152 100

115 56.5 39.0 116.9

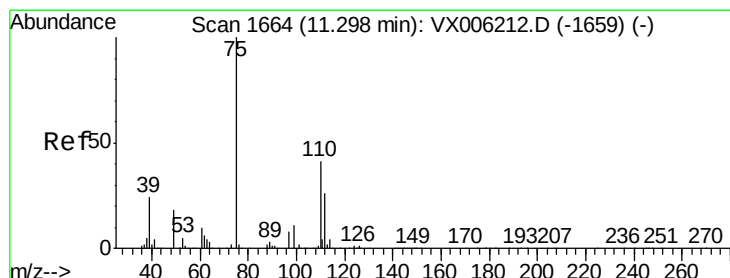
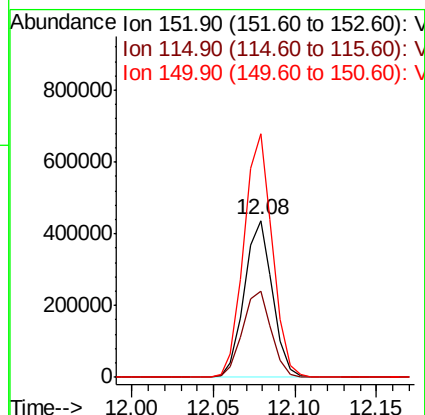
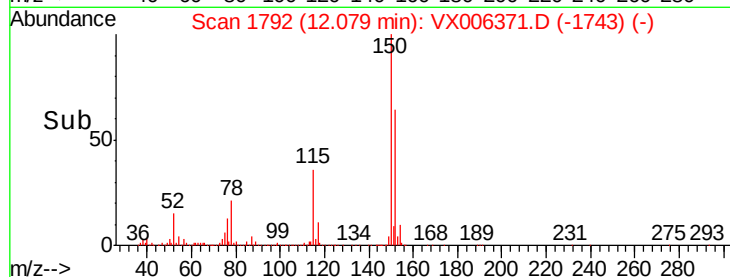
150 157.2 0.0 345.8



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: 22.956 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006371.D

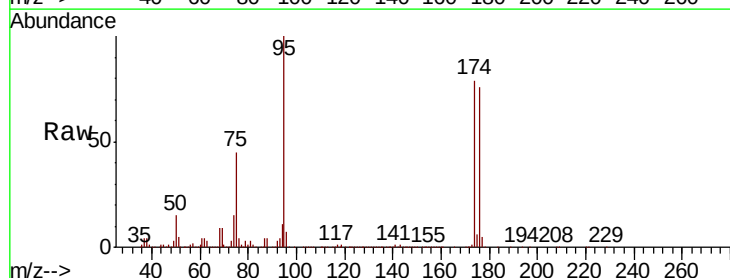
Acq: 10 Dec 2018 15:45

Tgt Ion: 75 Resp: 233233

Ion Ratio Lower Upper

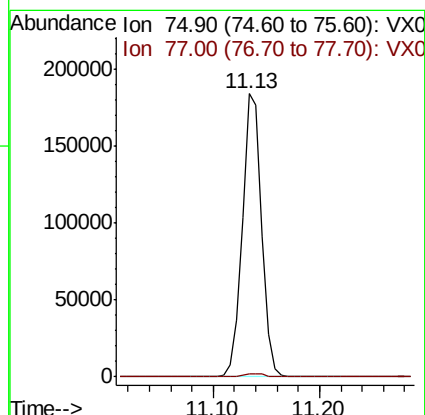
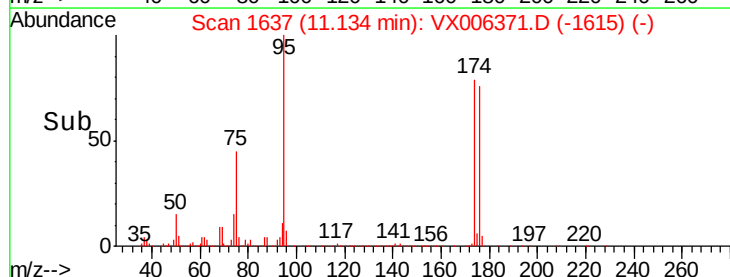
75 100

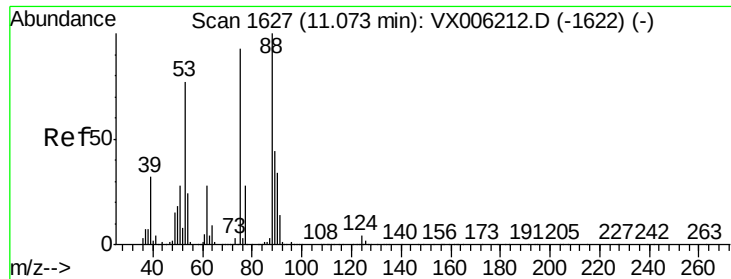
77 1.5 19.9 59.7#



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: 53.871 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006371.D

Acq: 10 Dec 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 75 Resp: 233233

Ion Ratio Lower Upper

75 100

53 0.1 64.4 96.6#

89 0.0 44.2 66.4#

