

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111718\
 Data File : VX006066.D
 Acq On : 17 Nov 2018 13:31
 Operator : JC/MD
 Sample : J5984-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Nov 19 00:14:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	116115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	172085	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	141191	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	88725	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	68753	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
35) Dibromofluoromethane	5.50	113	58303	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
50) Toluene-d8	8.71	98	186672	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	
62) 4-Bromofluorobenzene	11.14	95	62140	44.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.84%	

Target Compounds

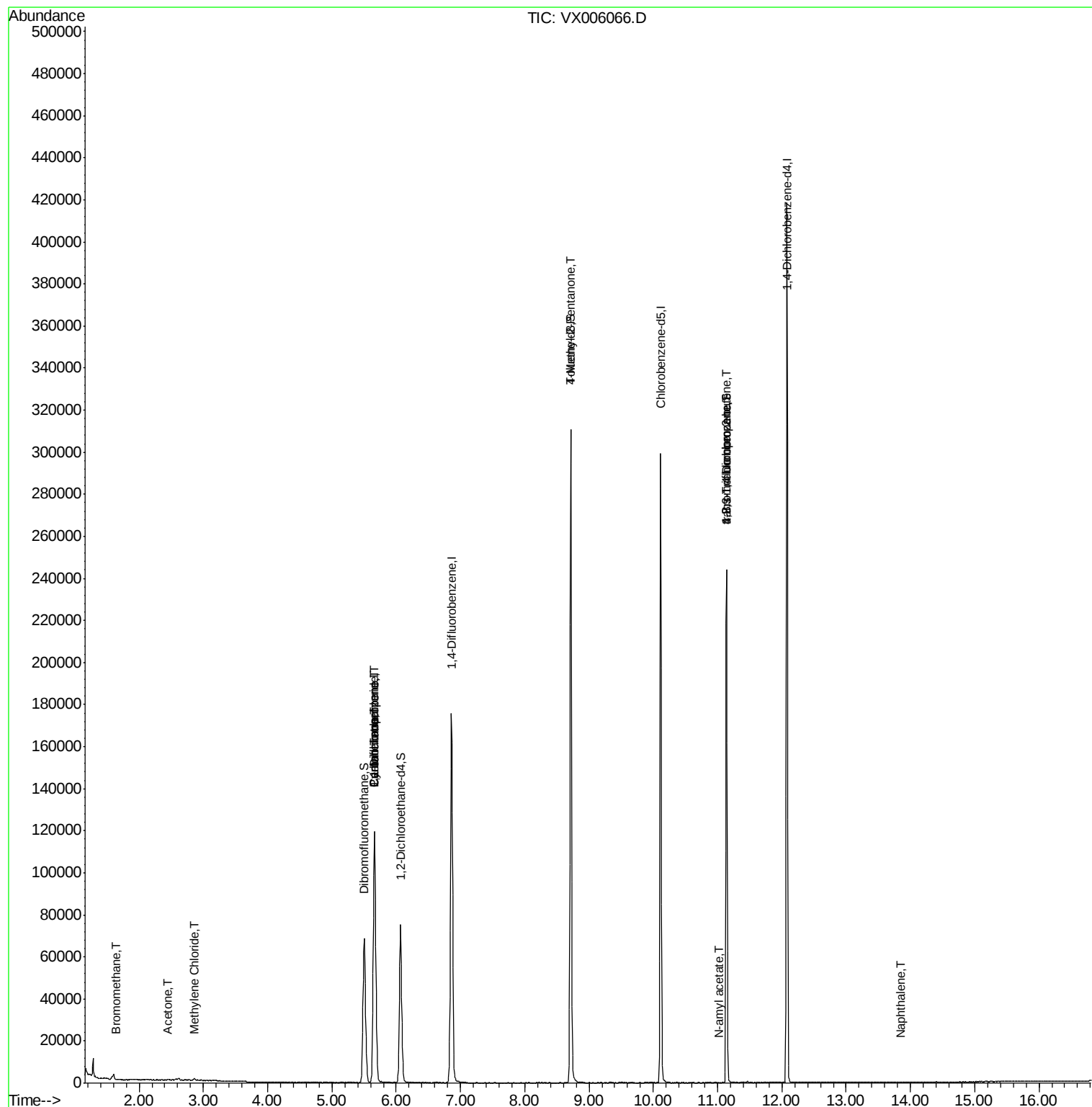
					Qvalue	
5) Bromomethane	1.65	94	172	0.204	ug/l	93
16) Acetone	2.45	43	472	0.657	ug/l #	84
18) Methyl Acetate	2.78	43	244	Below Cal	#	55
20) Methylene Chloride	2.86	84	242	0.205	ug/l #	77
31) Cyclohexane	5.65	56	2076	1.116	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	8098	4.881	ug/l #	49
38) Carbon Tetrachloride	5.67	117	11008	6.628	ug/l #	15
51) 4-Methyl-2-Pentanone	8.71	43	829	0.416	ug/l #	1
74) N-amyl acetate	11.02	43	20	1.258	ug/l #	44
76) 1,2,3-Trichloropropane	11.14	75	30429	16.843	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	30429	53.681	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.80	105	108	Below Cal	#	31
95) Naphthalene	13.83	128	202	1.208	ug/l #	69

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

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STORAGE-BLANK-WATER-REF-5

Quant Time: Nov 19 00:14:45 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 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: VX006066.D

Acq: 17 Nov 2018 13:31

Instrument :

MSVOA_X

ClientSampleId :

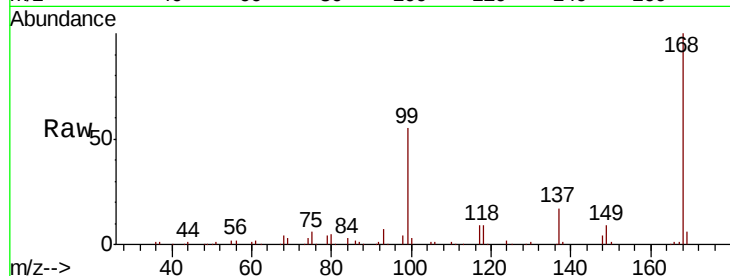
STORAGE-BLANK-WATER-REF-5

Tot Ion:168 Resp: 116115

Ion Ratio Lower Upper

168 100

99 54.7 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

40000

30000

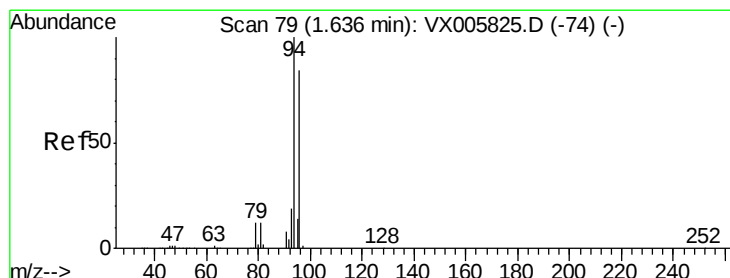
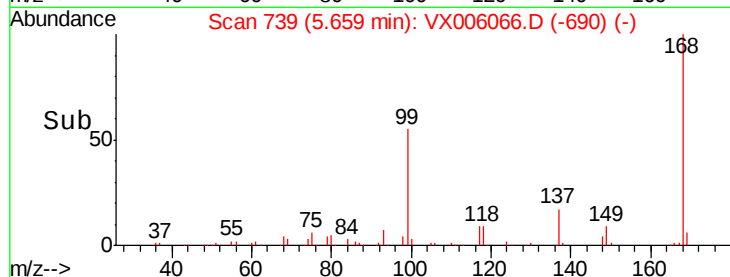
20000

10000

0

Time-->

5.60 5.70 5.80



#5

Bromomethane

Concen: 0.204 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX006066.D

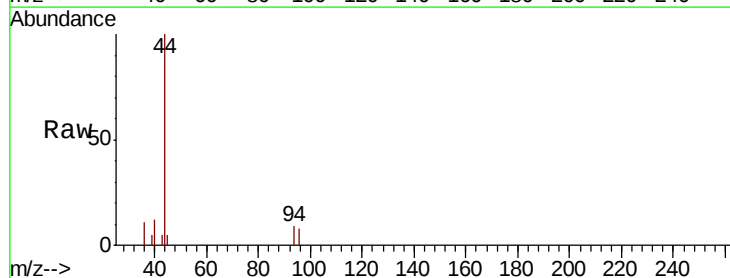
Acq: 17 Nov 2018 13:31

Tgt Ion: 94 Resp: 172

Ion Ratio Lower Upper

94 100

96 87.0 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

100

80

60

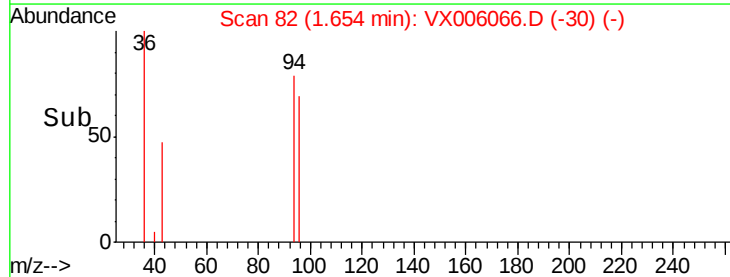
40

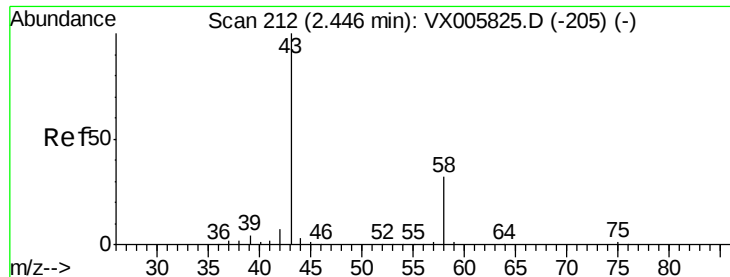
20

0

Time-->

1.65 1.70





#16

Acetone

Concen: 0.657 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006066.D

Acq: 17 Nov 2018 13:31

Instrument :

MSVOA_X

ClientSampleId :

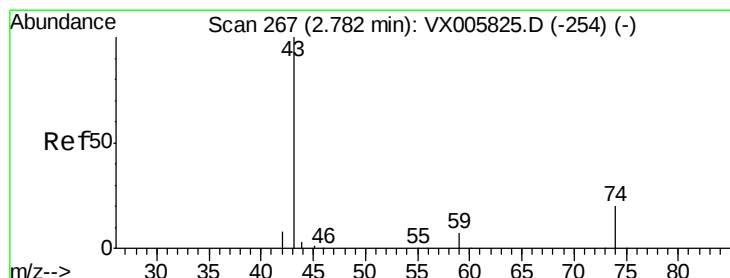
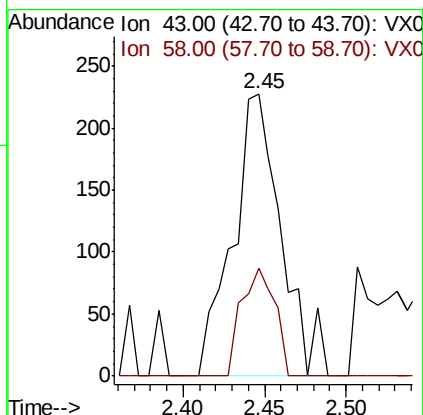
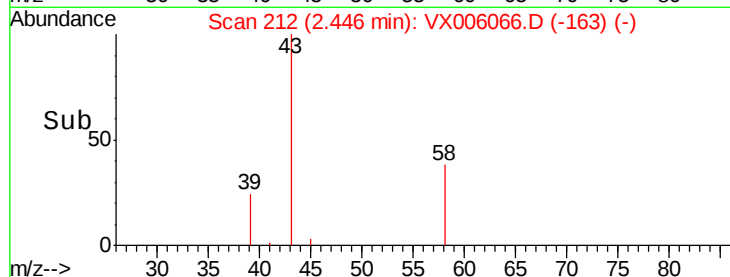
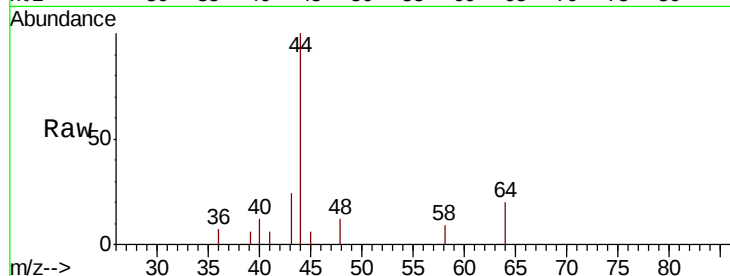
STORAGE-BLANK-WATER-REF-5

Tot Ion: 43 Resp: 472

Ion Ratio Lower Upper

43 100

58 38.2 23.8 35.6#



#18

Methyl Acetate

Concen: Below Cal

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX006066.D

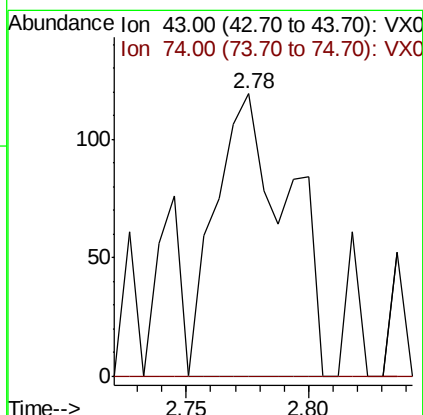
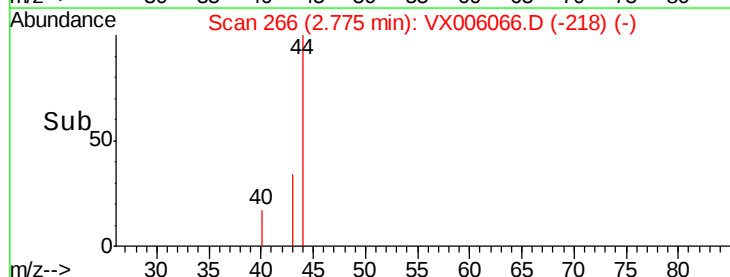
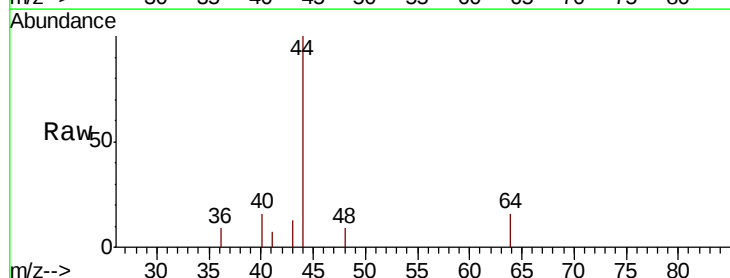
Acq: 17 Nov 2018 13:31

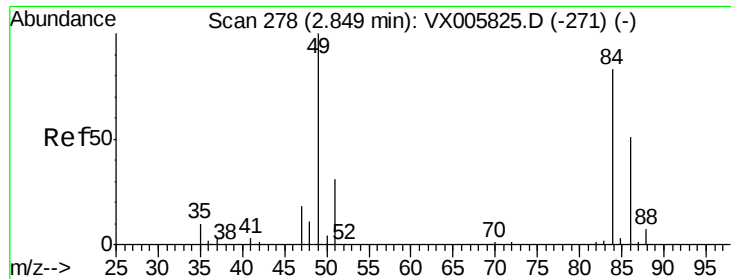
Tgt Ion: 43 Resp: 244

Ion Ratio Lower Upper

43 100

74 0.0 16.8 25.2#

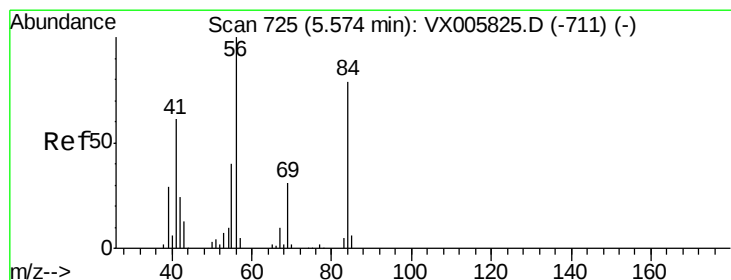
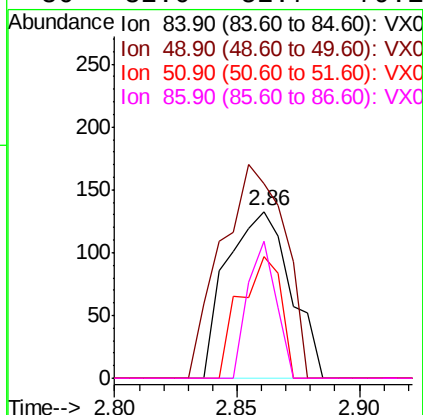
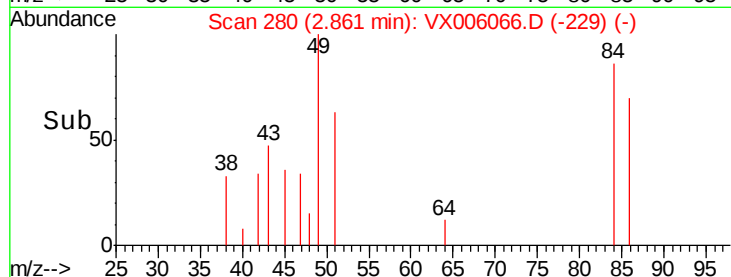
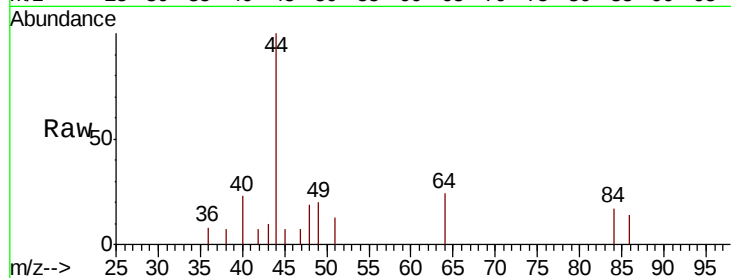




#20
Methvlene Chloride
Concen: 0.205 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX006066.D
Acq: 17 Nov 2018 13:31

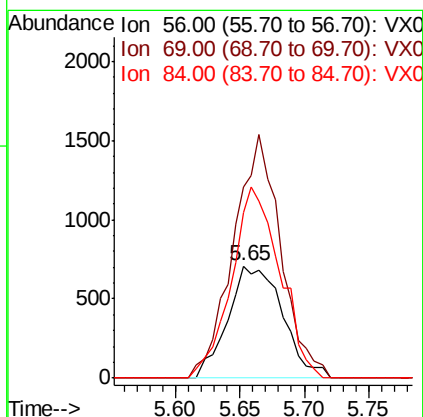
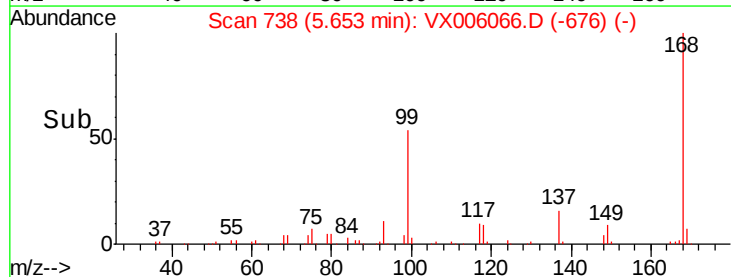
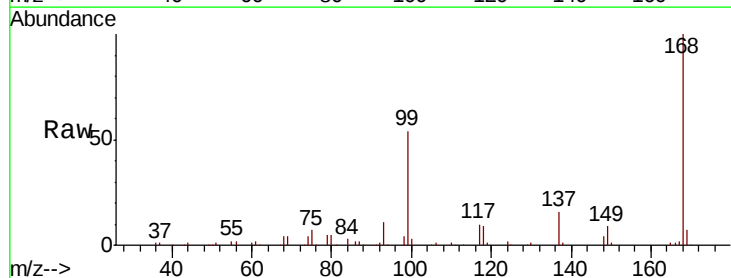
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

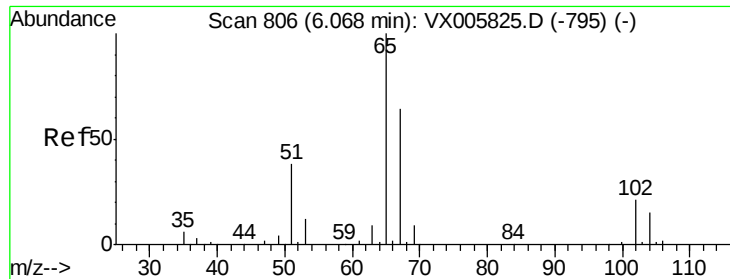
Tot Ion: 84 Resp: 242
Ion Ratio Lower Upper
84 100
49 116.5 109.5 164.3
51 72.9 33.3 49.9#
86 82.0 52.7 79.1#



#31
Cyclohexane
Concen: 1.116 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.08 min
Lab File: VX006066.D
Acq: 17 Nov 2018 13:31

Tgt Ion: 56 Resp: 2076
Ion Ratio Lower Upper
56 100
69 171.0 22.6 34.0#
84 147.6 62.7 94.1#

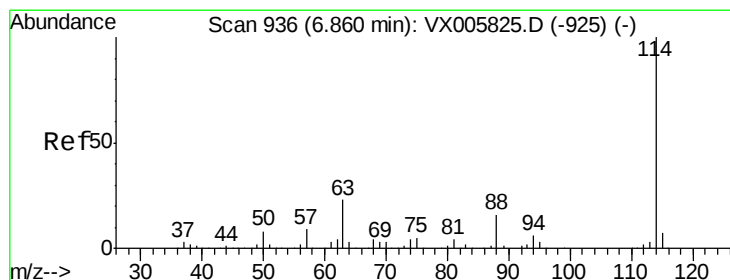
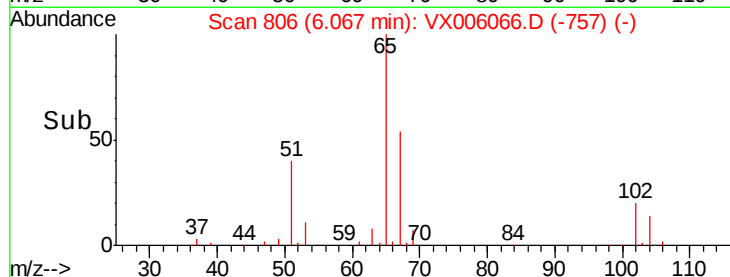
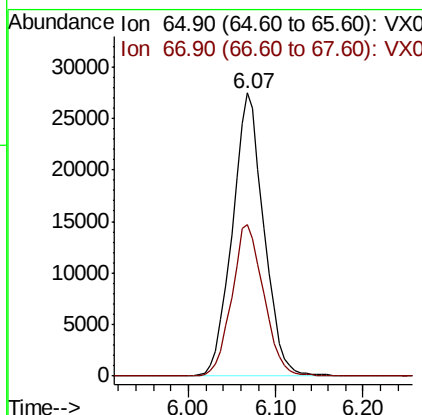
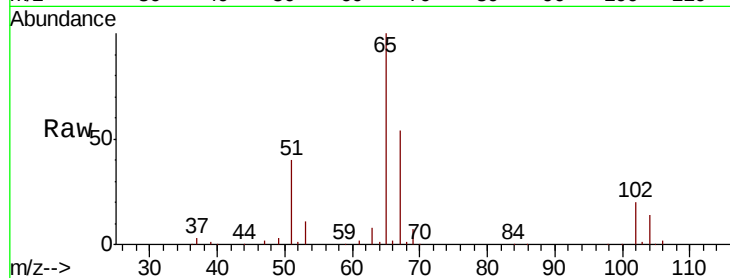




#33
 1,2-Dichloroethane-d4
 Concen: 51.505 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX006066.D
 Acq: 17 Nov 2018 13:31

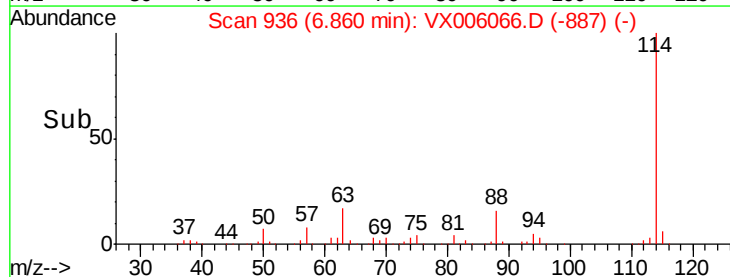
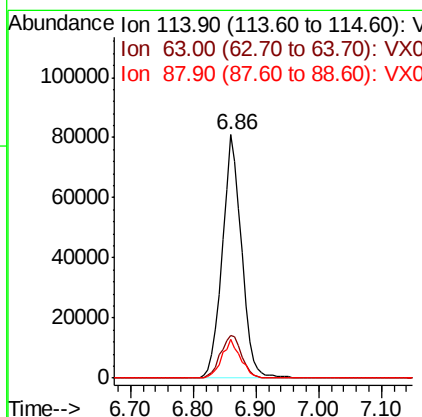
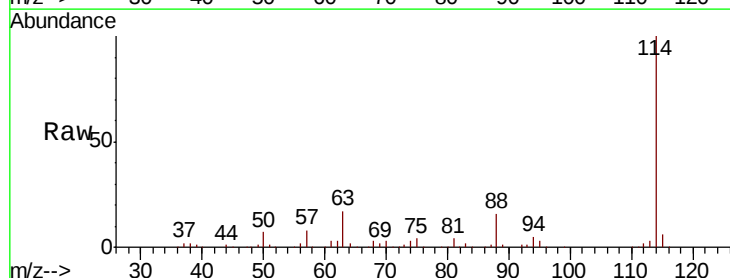
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

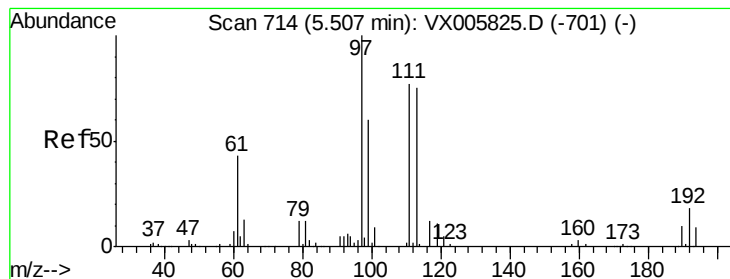
Tot Ion: 65 Resp: 68753
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006066.D
 Acq: 17 Nov 2018 13:31

Tgt Ion: 114 Resp: 172085
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 42.8
 88 15.9 0.0 31.2





#35

Dibromofluoromethane

Concen: 49.813 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX006066.D

Acq: 17 Nov 2018 13:31

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

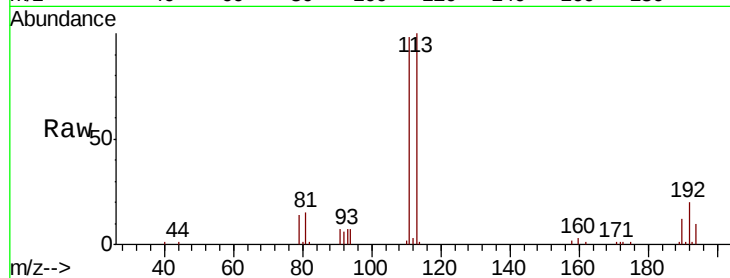
Tot Ion:113 Resp: 58303

Ion Ratio Lower Upper

113 100

111 99.8 82.3 123.5

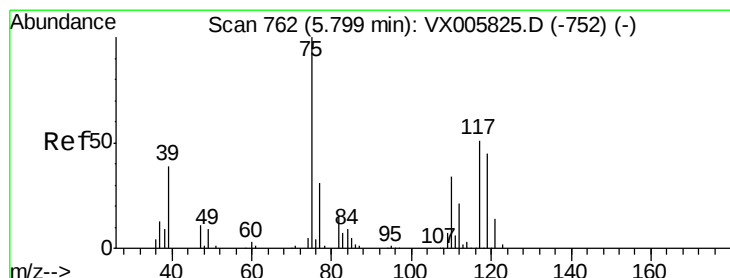
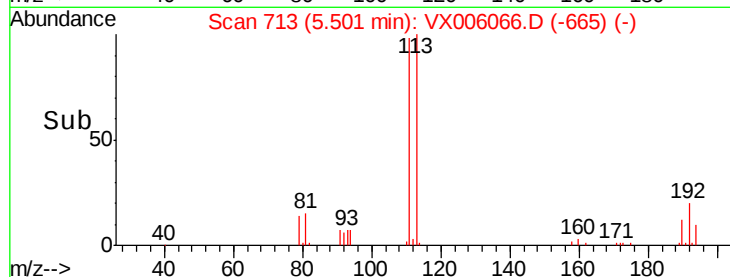
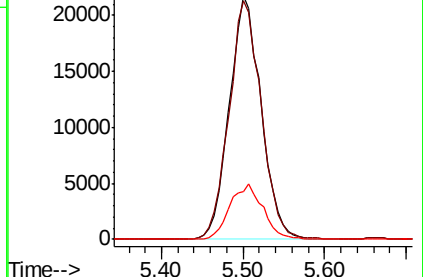
192 23.5 17.9 26.9



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: 4.881 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006066.D

Acq: 17 Nov 2018 13:31

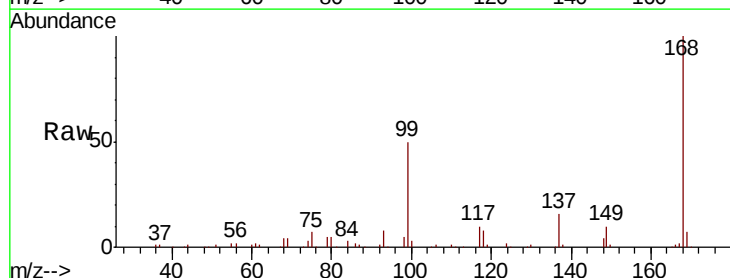
Tgt Ion: 75 Resp: 8098

Ion Ratio Lower Upper

75 100

110 9.1 17.4 52.2#

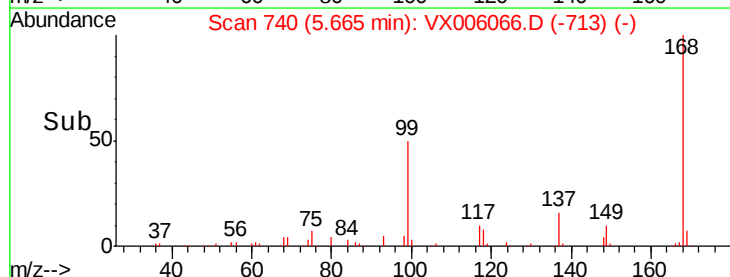
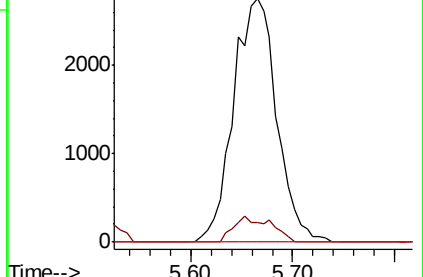
77 0.0 25.8 38.6#

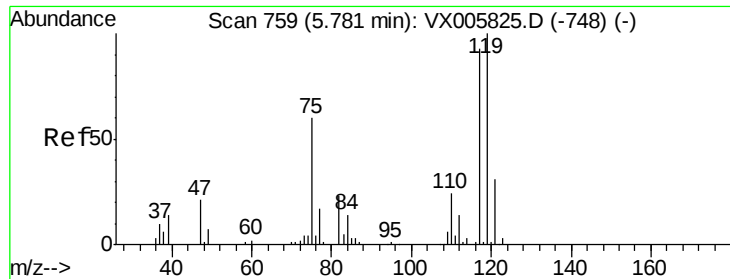


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

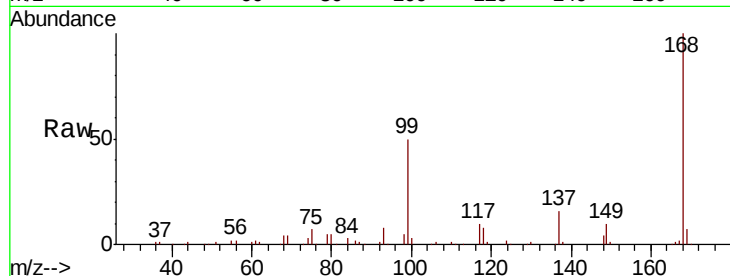




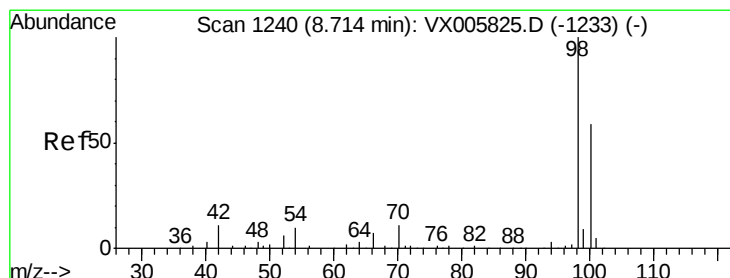
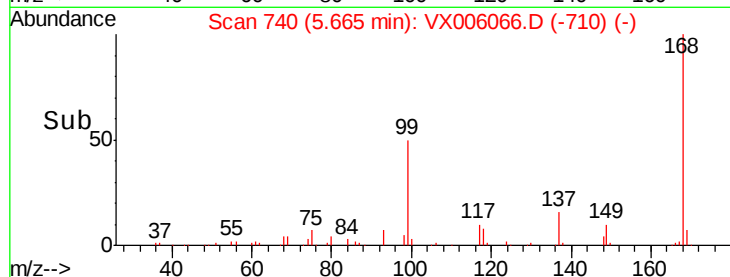
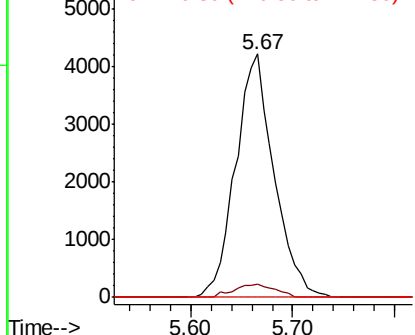
#38
Carbon Tetrachloride
Concen: 6.628 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX006066.D
Acq: 17 Nov 2018 13:31

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tot Ion:117 Resp: 11008
Ion Ratio Lower Upper
117 100
119 5.4 78.1 117.1#
121 0.0 24.6 36.8#

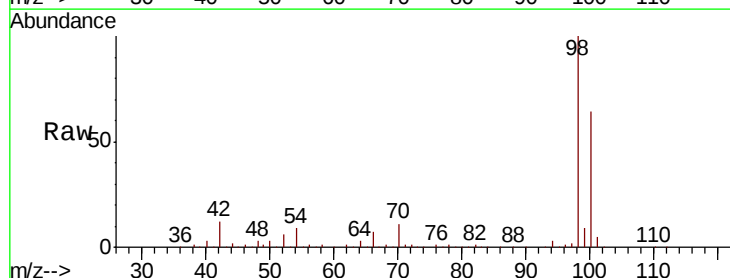


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

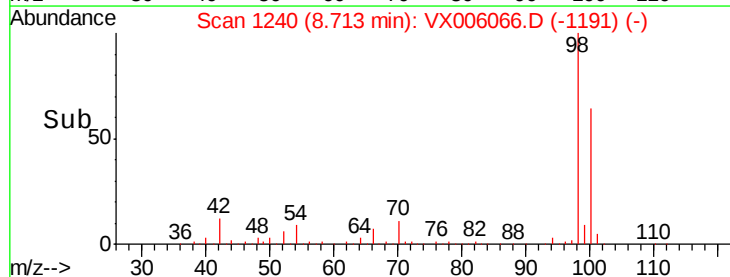
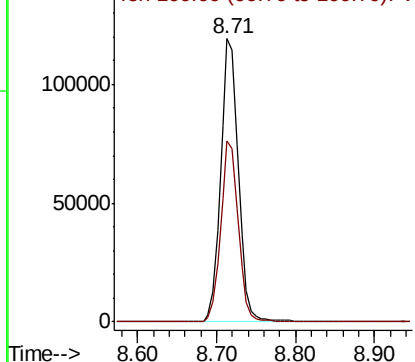


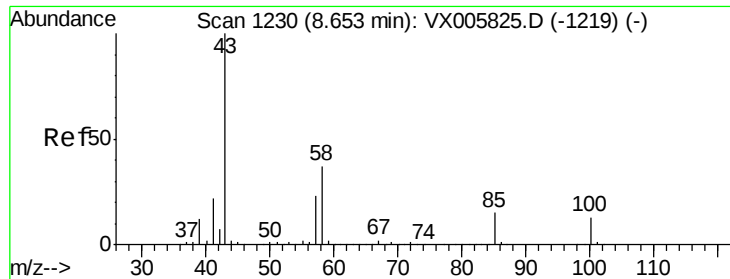
#50
Toluene-d8
Concen: 47.973 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006066.D
Acq: 17 Nov 2018 13:31

Tgt Ion: 98 Resp: 186672
Ion Ratio Lower Upper
98 100
100 63.6 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 0.416 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.06 min

Lab File: VX006066.D

Acq: 17 Nov 2018 13:31

Instrument :

MSVOA_X

ClientSampleId :

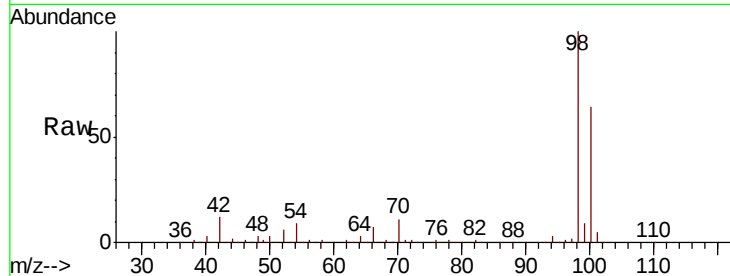
STORAGE-BLANK-WATER-REF-5

Tot Ion: 43 Resp: 829

Ion Ratio Lower Upper

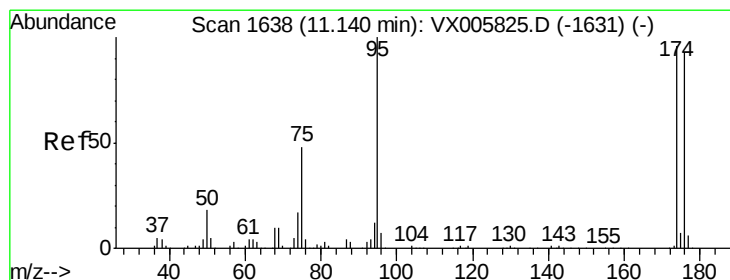
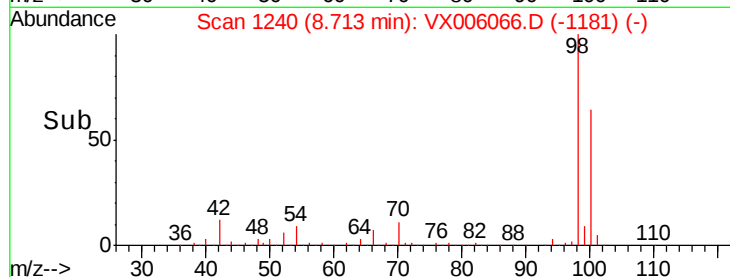
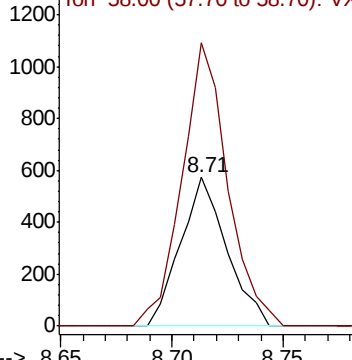
43 100

58 188.2 29.7 44.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#62

4-Bromofluorobenzene

Concen: 44.416 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006066.D

Acq: 17 Nov 2018 13:31

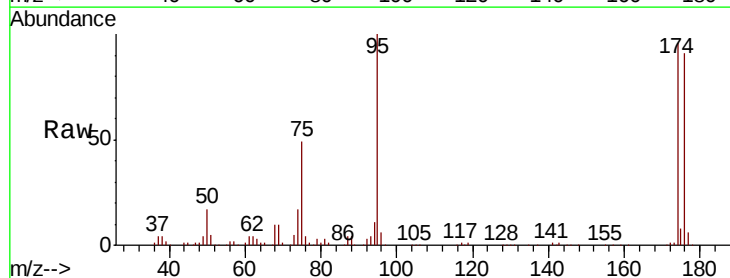
Tgt Ion: 95 Resp: 62140

Ion Ratio Lower Upper

95 100

174 94.1 0.0 184.4

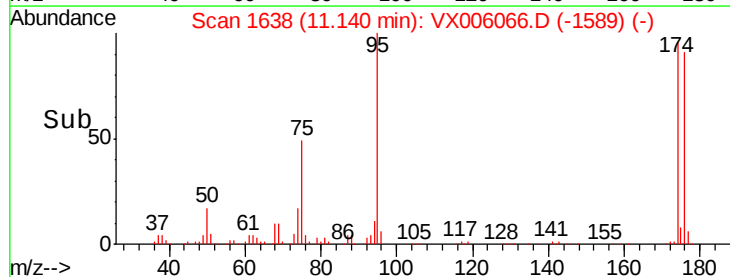
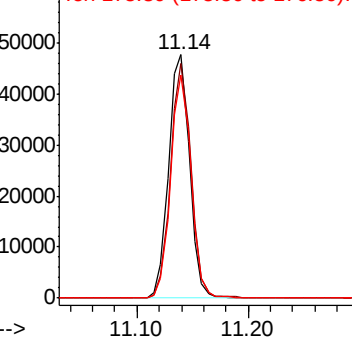
176 89.8 0.0 177.4

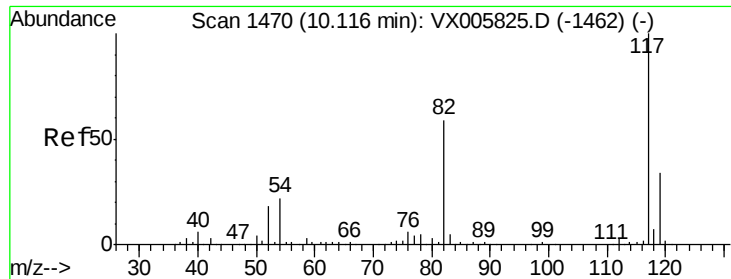


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

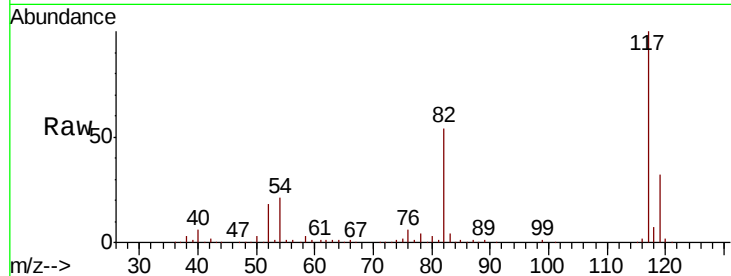




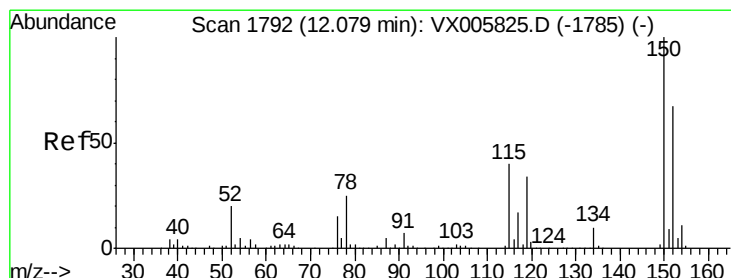
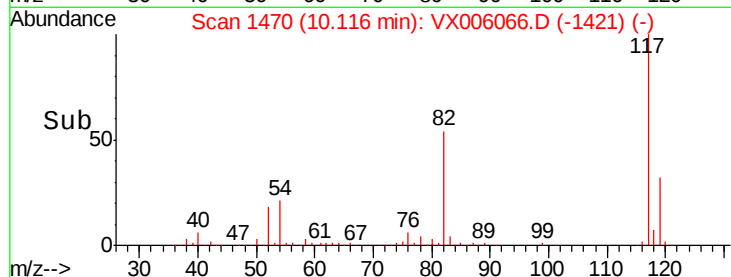
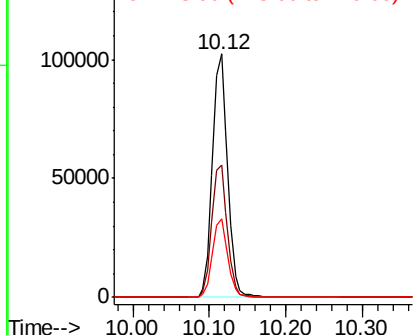
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006066.D
Acq: 17 Nov 2018 13:31

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tot Ion:117 Resp: 141191
Ion Ratio Lower Upper
117 100
82 54.3 44.1 66.1
119 32.2 26.2 39.2

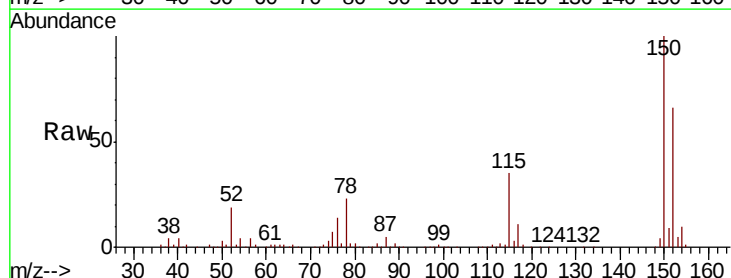


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

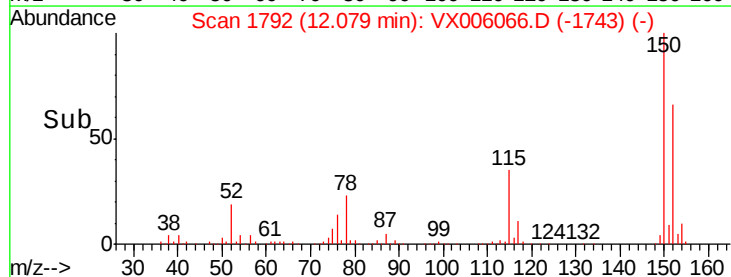
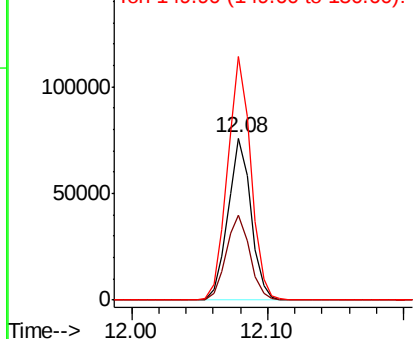


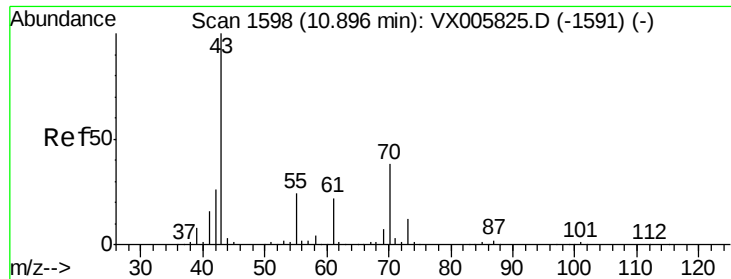
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006066.D
Acq: 17 Nov 2018 13:31

Tgt Ion:152 Resp: 88725
Ion Ratio Lower Upper
152 100
115 54.2 39.4 118.1
150 153.4 0.0 346.4



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

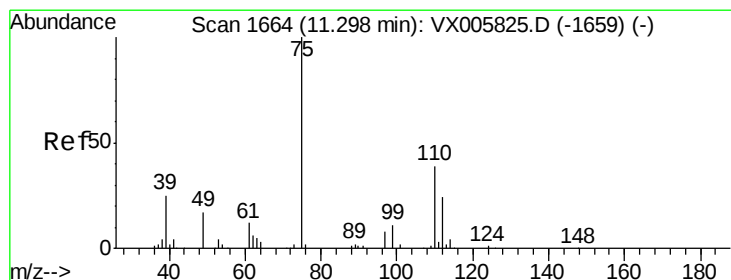
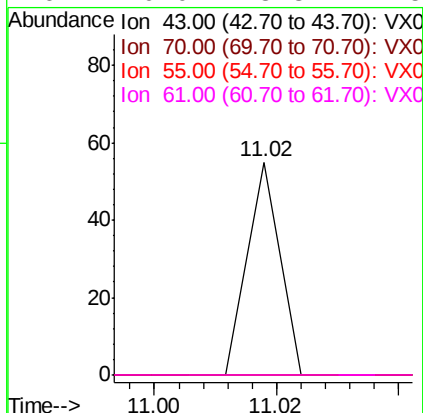
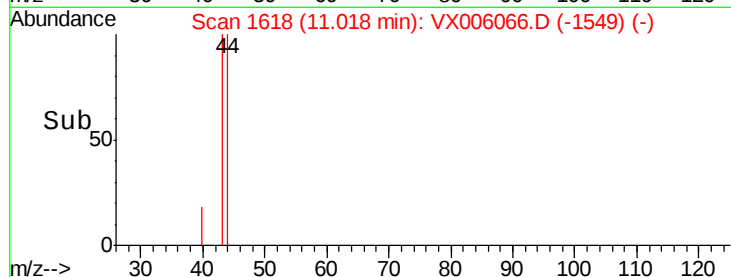
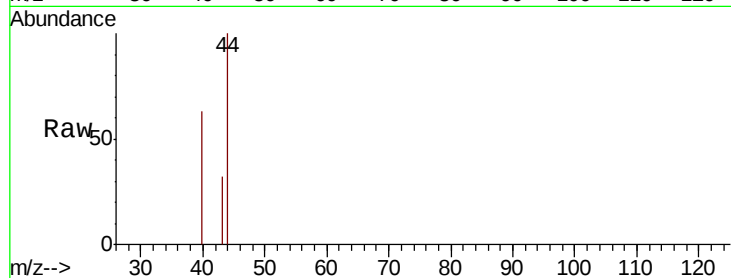




#74
N-amvl acetate
Concen: 1.258 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.12 min
Lab File: VX006066.D
Acq: 17 Nov 2018 13:31

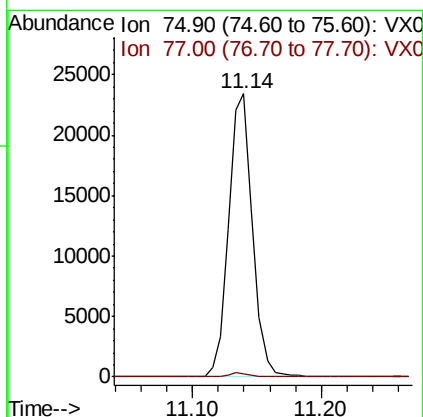
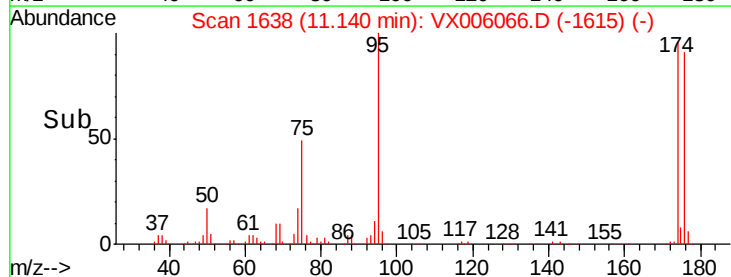
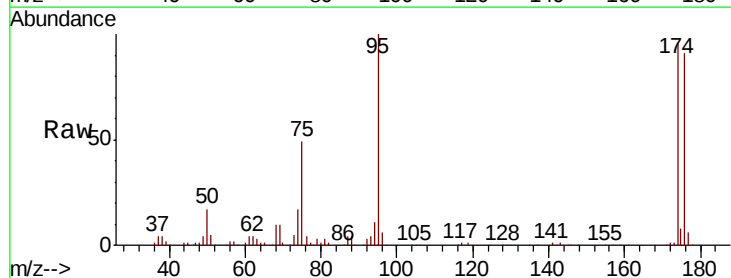
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

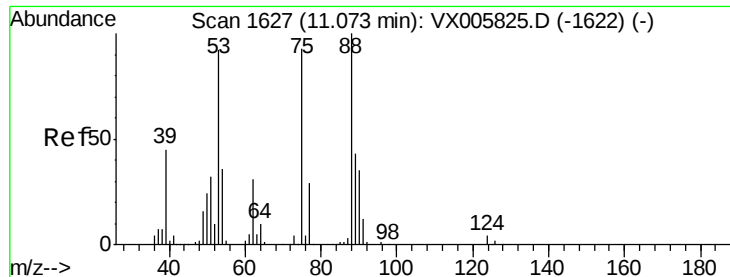
Tot Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
70 0.0 31.6 47.4#
55 0.0 19.7 29.5#
61 0.0 18.3 27.5#



#76
1,2,3-Trichloropropane
Concen: 16.843 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX006066.D
Acq: 17 Nov 2018 13:31

Tgt Ion: 75 Resp: 30429
Ion Ratio Lower Upper
75 100
77 1.2 20.5 61.6#

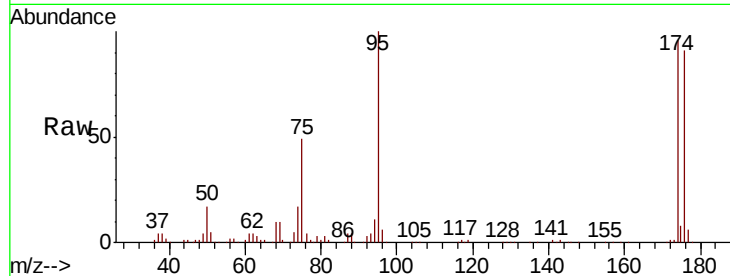




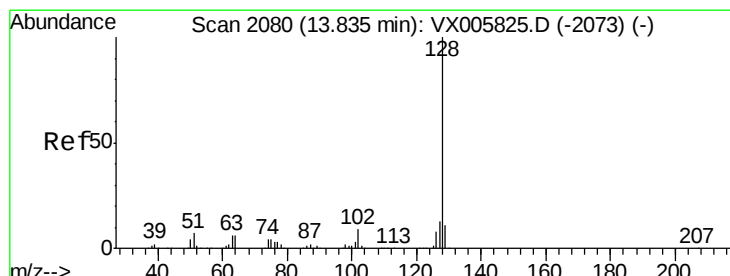
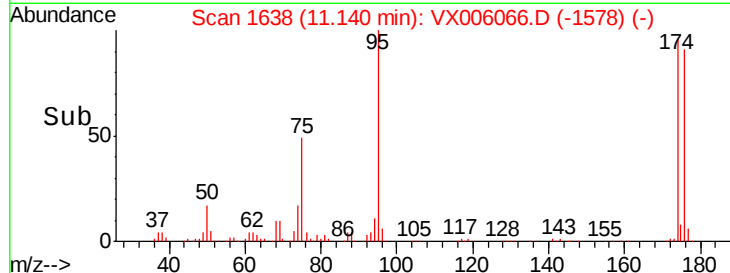
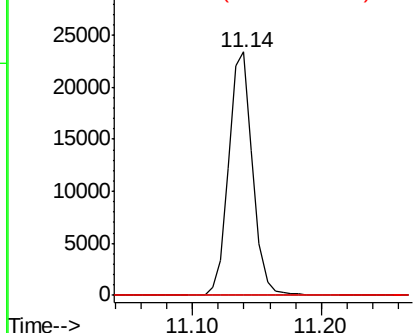
#81
trans-1,4-Dichloro-2-butene
Concen: 53.681 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX006066.D
Acq: 17 Nov 2018 13:31

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tot Ion: 75 Resp: 30429
Ion Ratio Lower Upper
75 100
53 0.2 80.2 120.2#
89 0.1 39.8 59.8#

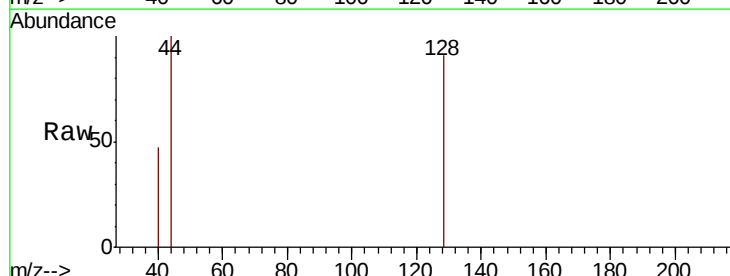


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#95
Naphthalene
Concen: 1.208 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006066.D
Acq: 17 Nov 2018 13:31

Tgt Ion: 128 Resp: 202
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

