

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102618\
 Data File : VX005617.D
 Acq On : 26 Oct 2018 20:42
 Operator : JC/MD
 Sample : J5699-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Oct 27 04:49:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	234196	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	342413	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	301289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	145140	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	146028	51.08	ug/l	0.00
Spiked Amount			Recovery	=	102.16%	
35) Dibromofluoromethane	5.51	113	108927	46.98	ug/l	0.00
Spiked Amount			Recovery	=	93.96%	
50) Toluene-d8	8.71	98	401734	48.22	ug/l	0.00
Spiked Amount			Recovery	=	96.44%	
62) 4-Bromofluorobenzene	11.14	95	134448	42.73	ug/l	0.00
Spiked Amount			Recovery	=	85.46%	

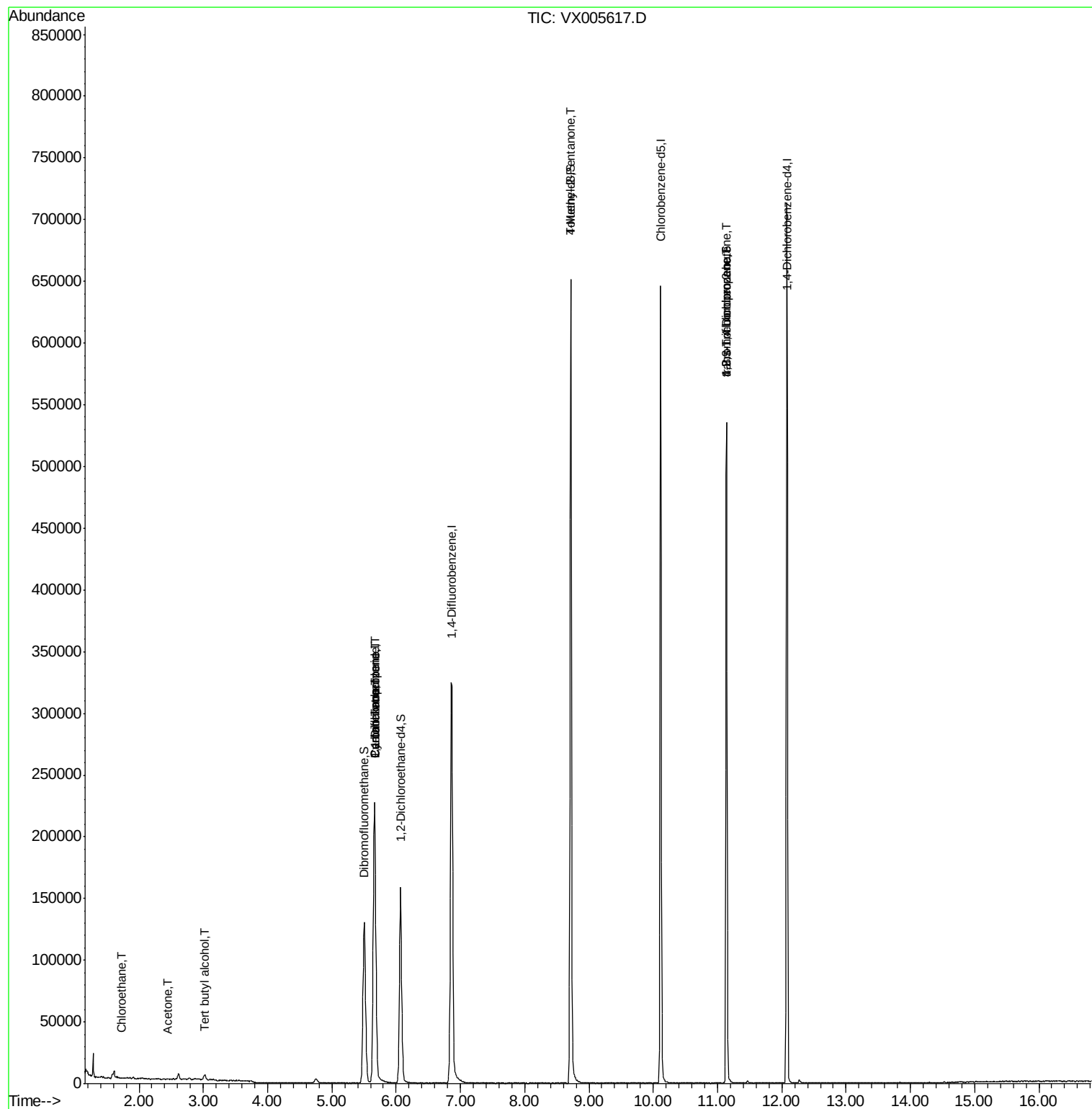
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.73	64	1152	0.623	ug/l #	46
11) Tert butyl alcohol	3.01	59	2382	3.096	ug/l #	74
16) Acetone	2.45	43	496	0.328	ug/l	95
18) Methyl Acetate	2.78	43	833	Below Cal	#	87
31) Cyclohexane	5.67	56	4318	1.120	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	16190	4.872	ug/l #	41
38) Carbon Tetrachloride	5.66	117	21343	6.098	ug/l #	15
51) 4-Methyl-2-Pentanone	8.71	43	1906	0.446	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	67336	21.897	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	67336	71.548	ug/l #	9

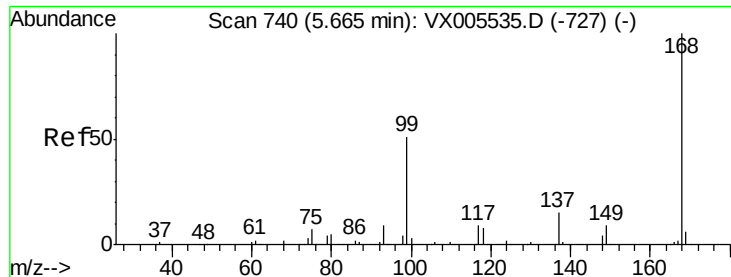
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102618\
Data File : VX005617.D
Acq On : 26 Oct 2018 20:42
Operator : JC/MD
Sample : J5699-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Quant Time: Oct 27 04:49:34 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 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: VX005617.D

Acq: 26 Oct 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

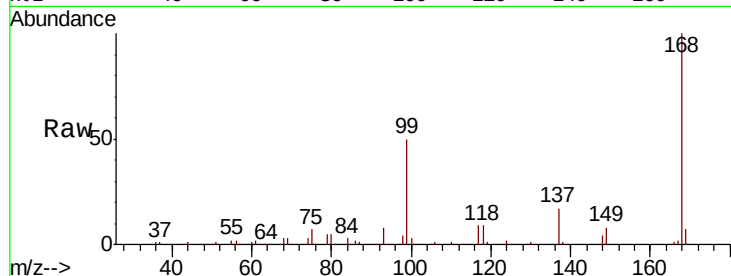
STORAGE-BLANK-WATER-REF-4

Tot Ion:168 Resp: 234196

Ion Ratio Lower Upper

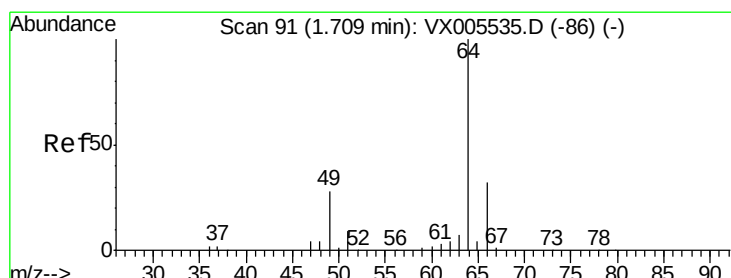
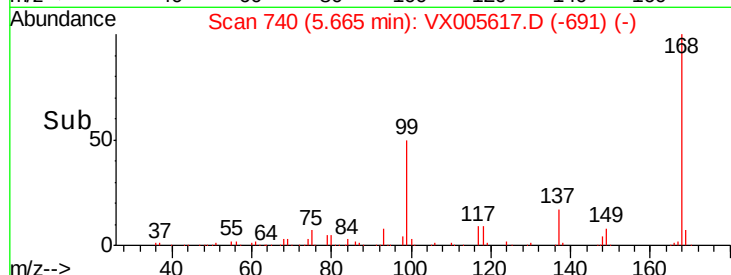
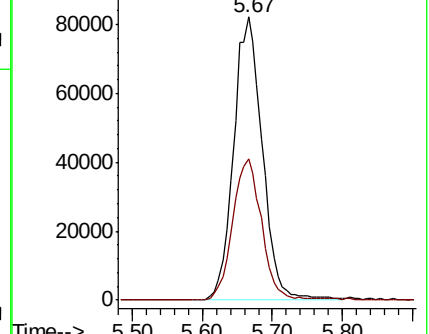
168 100

99 49.9 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#6

Chloroethane

Concen: 0.623 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.02 min

Lab File: VX005617.D

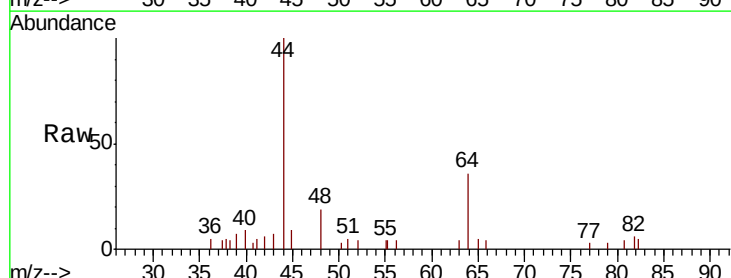
Acq: 26 Oct 2018 20:42

Tgt Ion: 64 Resp: 1152

Ion Ratio Lower Upper

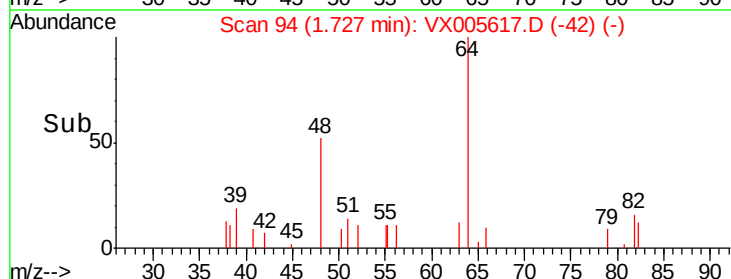
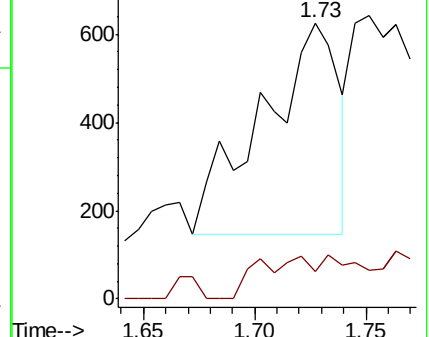
64 100

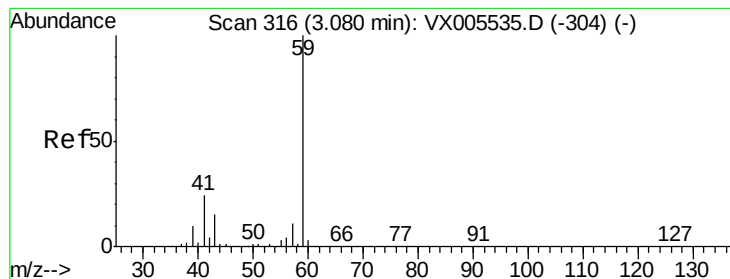
66 1.9 25.8 38.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#11

Tert butyl alcohol

Concen: 3.096 ug/l

RT: 3.01 min Scan# 305

Delta R.T. -0.07 min

Lab File: VX005617.D

Acq: 26 Oct 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

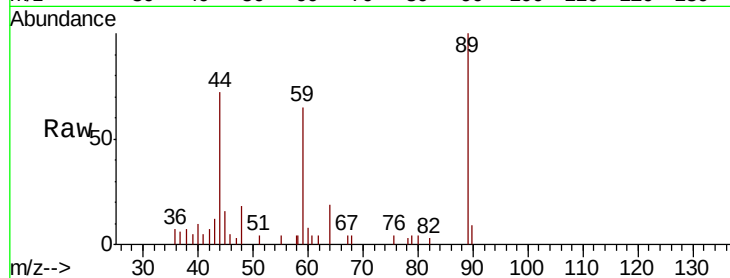
STORAGE-BLANK-WATER-REF-4

Tot Ion: 59 Resp: 2382

Ion Ratio Lower Upper

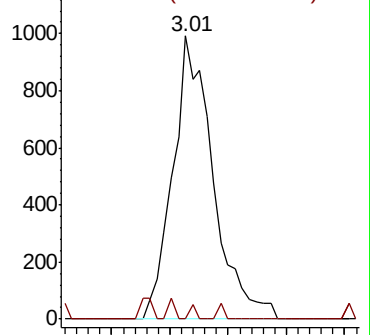
59 100

57 0.8 8.5 12.7#

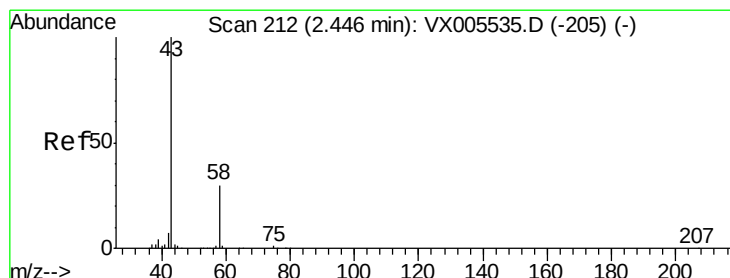
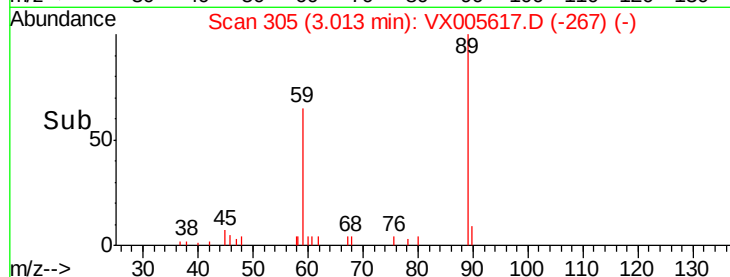


Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



Time-->



#16

Acetone

Concen: 0.328 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005617.D

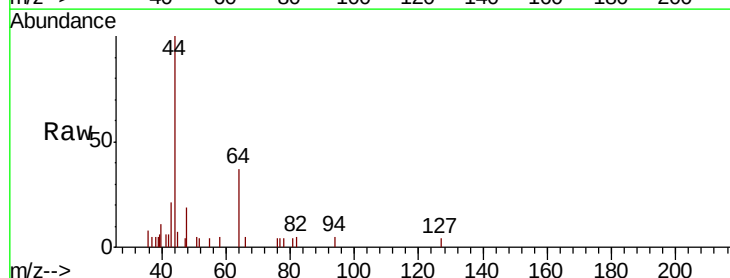
Acq: 26 Oct 2018 20:42

Tgt Ion: 43 Resp: 496

Ion Ratio Lower Upper

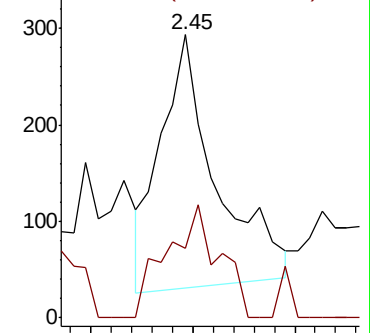
43 100

58 32.3 23.8 35.6

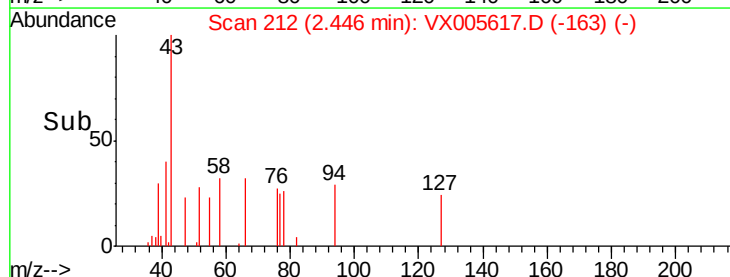


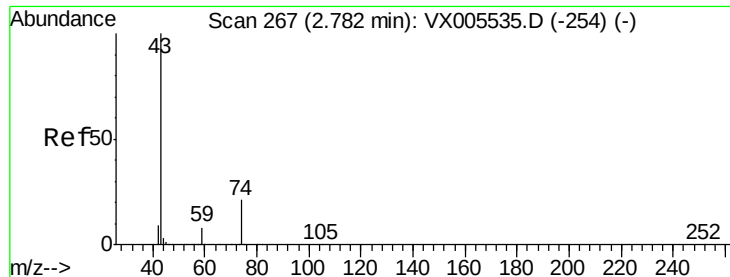
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->

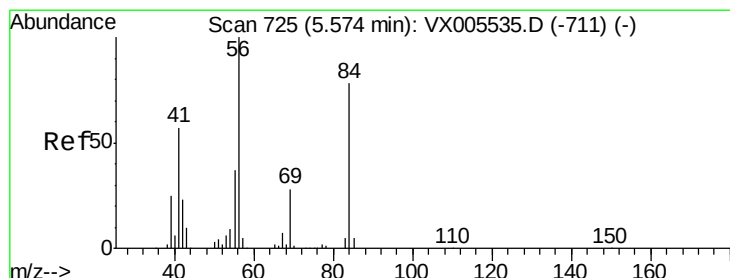
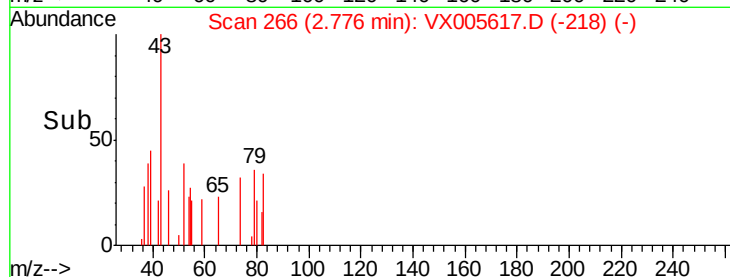
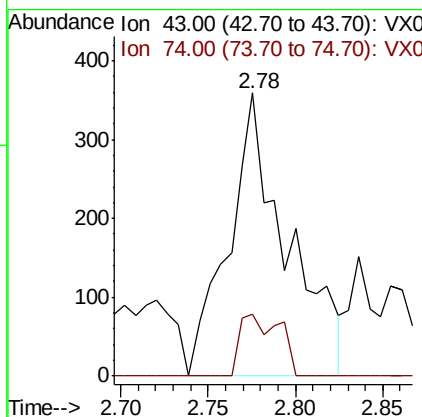
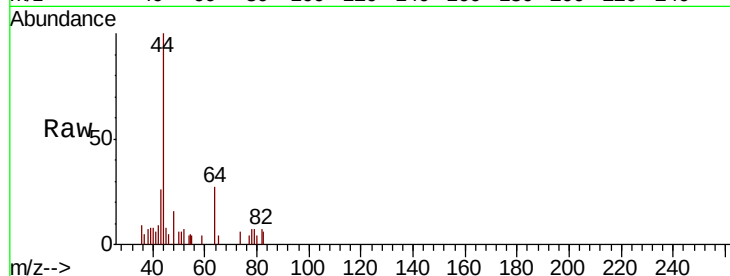




#18
Methvl Acetate
Concen: Below Cal
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005617.D
Acq: 26 Oct 2018 20:42

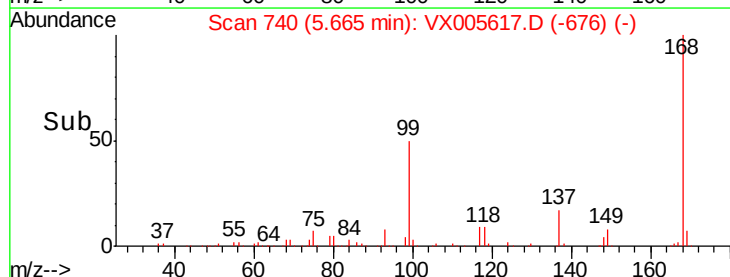
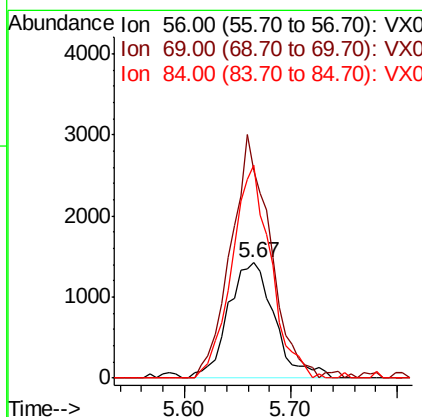
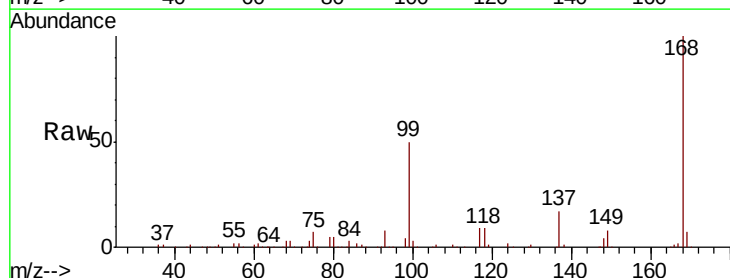
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

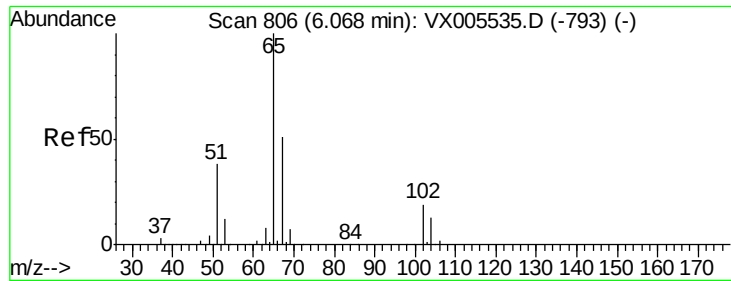
Tot Ion: 43 Resp: 833
Ion Ratio Lower Upper
43 100
74 14.8 16.8 25.2#



#31
Cyclohexane
Concen: 1.120 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX005617.D
Acq: 26 Oct 2018 20:42

Tgt Ion: 56 Resp: 4318
Ion Ratio Lower Upper
56 100
69 179.8 22.6 34.0#
84 184.5 62.7 94.1#

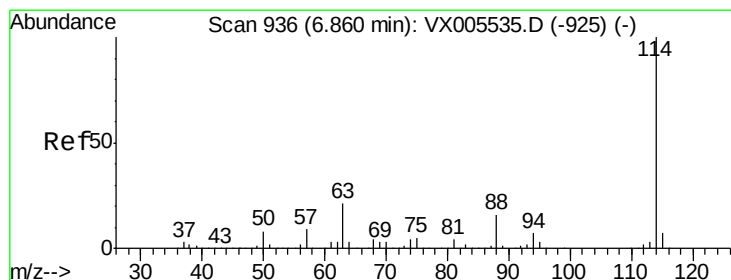
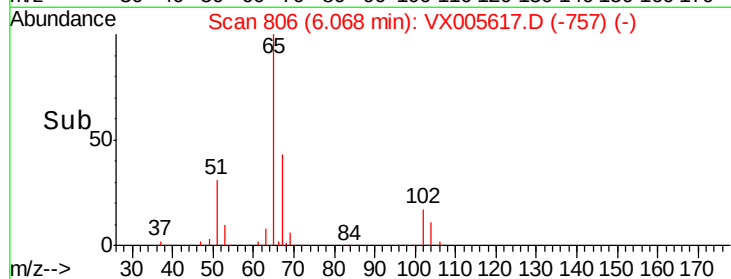
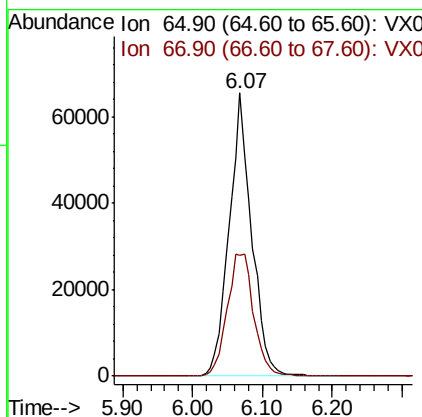
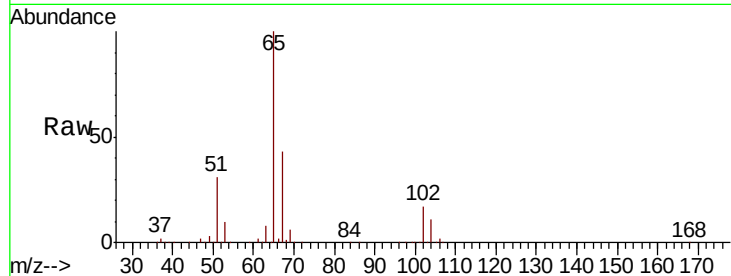




#33
 1,2-Dichloroethane-d4
 Concen: 51.080 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005617.D
 Acq: 26 Oct 2018 20:42

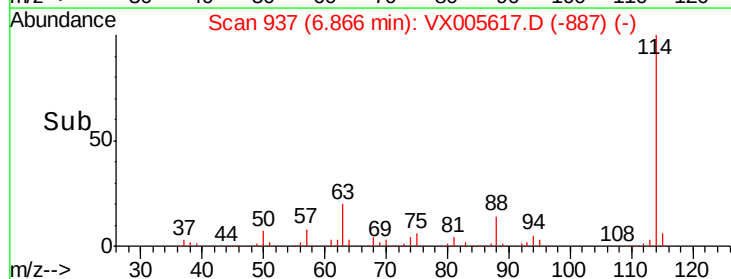
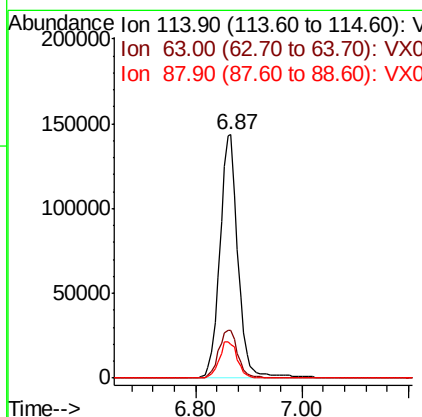
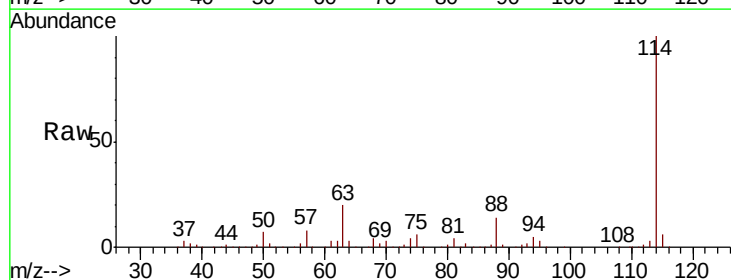
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

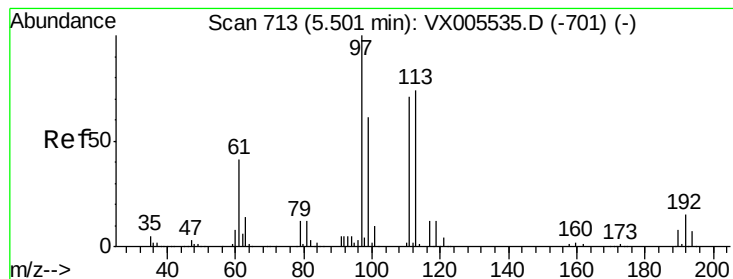
Tot Ion: 65 Resp: 146028
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005617.D
 Acq: 26 Oct 2018 20:42

Tgt Ion: 114 Resp: 342413
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 42.8
 88 14.1 0.0 31.2





#35

Dibromofluoromethane

Concen: 46.981 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005617.D

Acq: 26 Oct 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

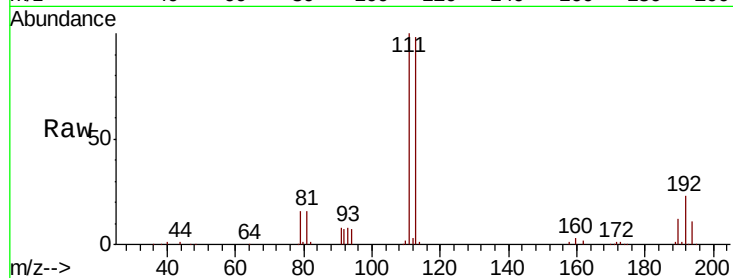
Tot Ion:113 Resp: 108927

Ion Ratio Lower Upper

113 100

111 104.0 82.3 123.5

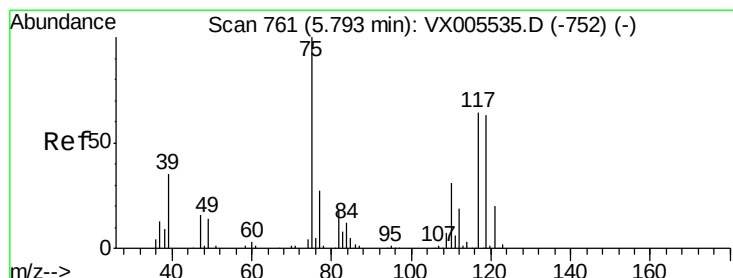
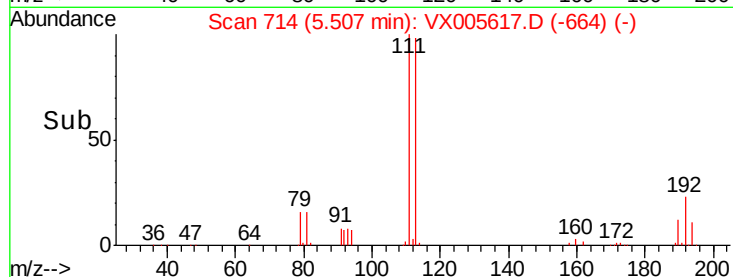
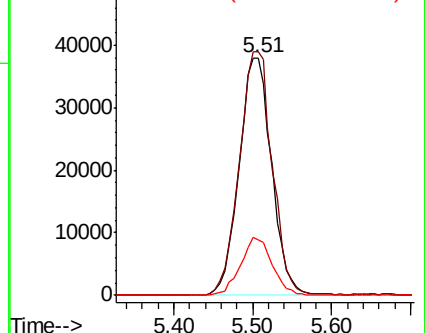
192 23.8 17.9 26.9



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: 4.872 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX005617.D

Acq: 26 Oct 2018 20:42

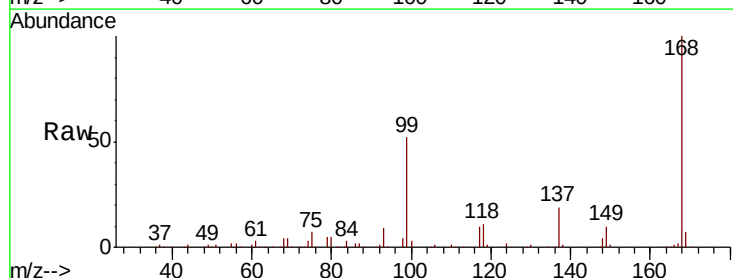
Tgt Ion: 75 Resp: 16190

Ion Ratio Lower Upper

75 100

110 0.0 17.4 52.2#

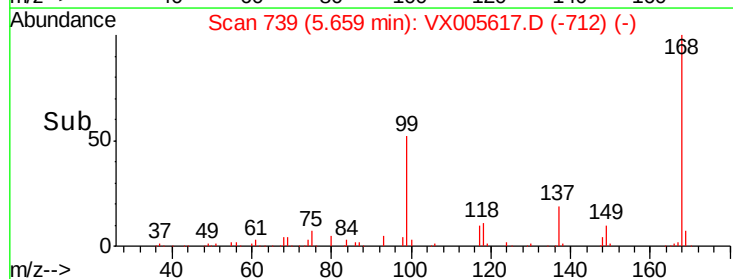
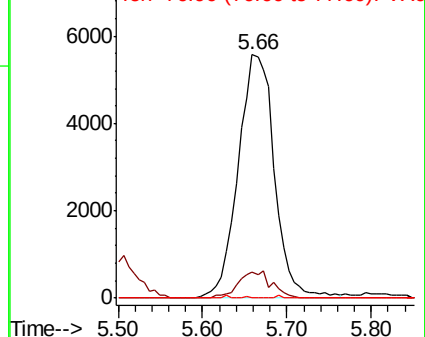
77 0.1 25.8 38.6#

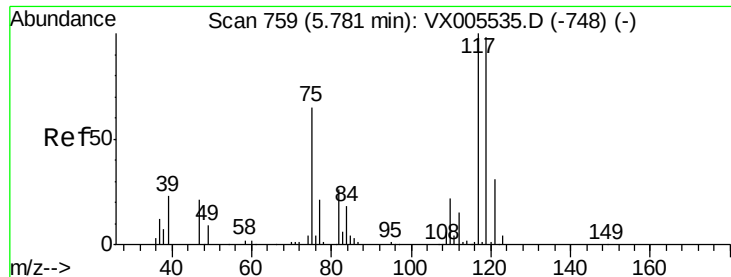


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.098 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX005617.D

Acq: 26 Oct 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

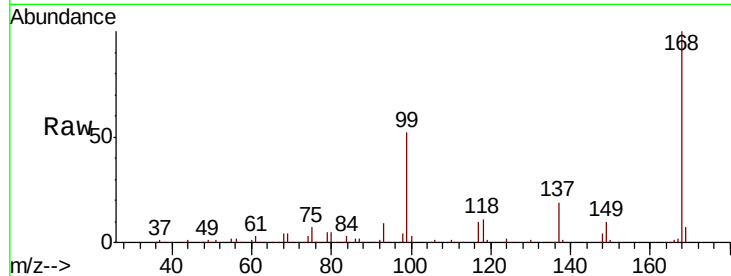
Tot Ion:117 Resp: 21343

Ion Ratio Lower Upper

117 100

119 5.0 78.1 117.1#

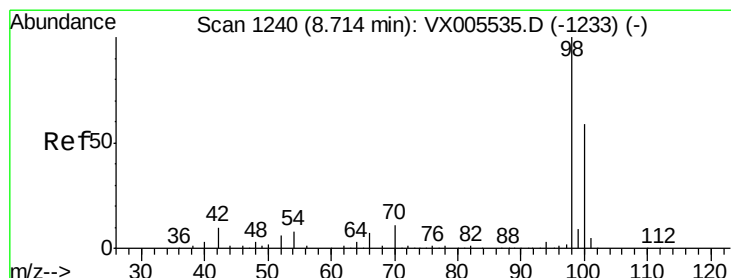
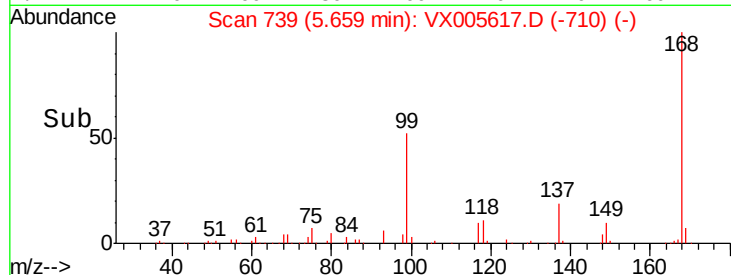
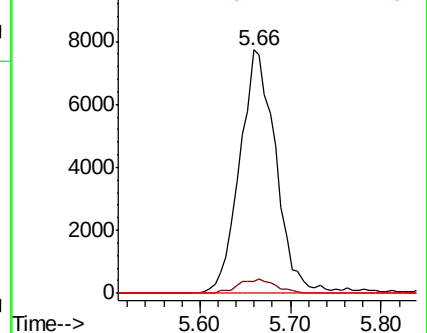
121 0.0 24.6 36.8#



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: 48.222 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005617.D

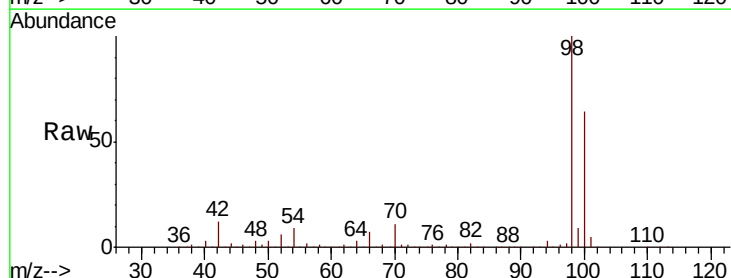
Acq: 26 Oct 2018 20:42

Tgt Ion: 98 Resp: 401734

Ion Ratio Lower Upper

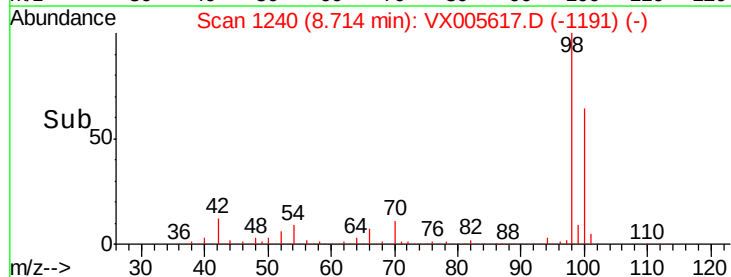
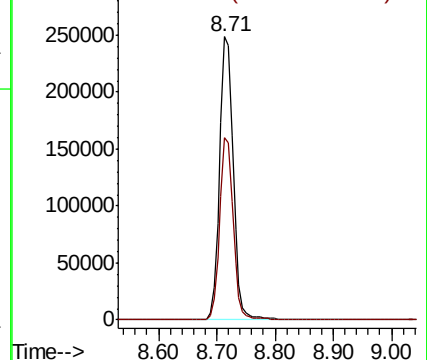
98 100

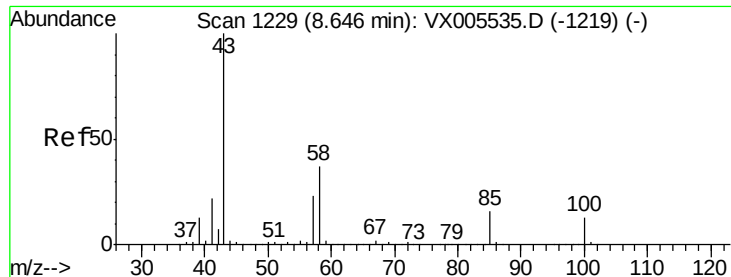
100 63.6 51.3 76.9



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: 0.446 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.07 min

Lab File: VX005617.D

Acq: 26 Oct 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

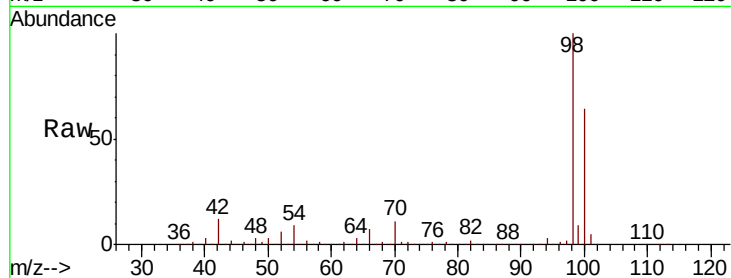
STORAGE-BLANK-WATER-REF-4

Tot Ion: 43 Resp: 1906

Ion Ratio Lower Upper

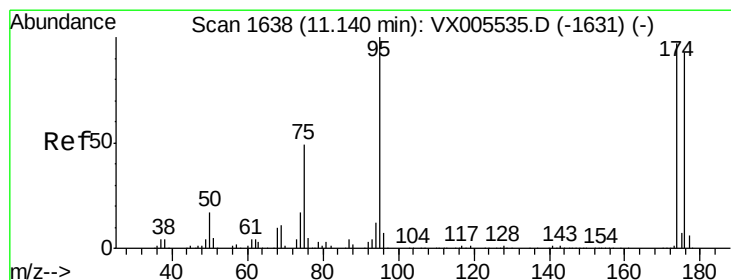
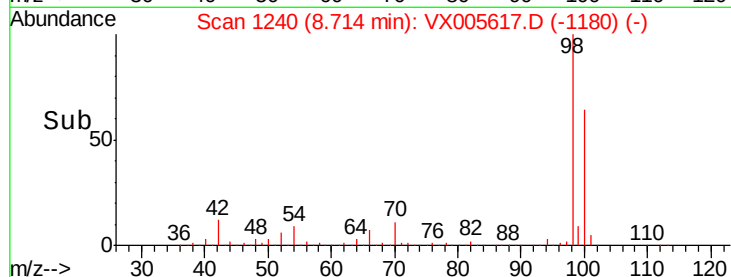
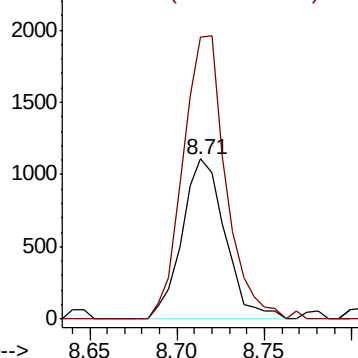
43 100

58 175.9 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: 42.734 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005617.D

Acq: 26 Oct 2018 20:42

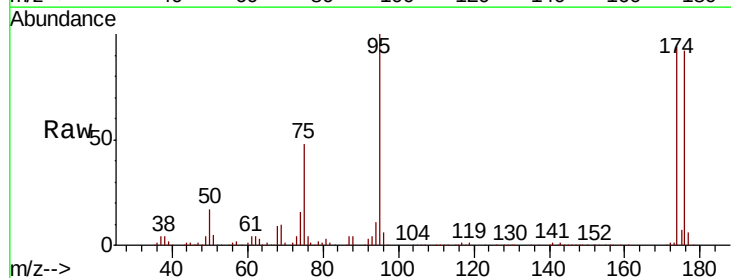
Tgt Ion: 95 Resp: 134448

Ion Ratio Lower Upper

95 100

174 93.6 0.0 184.4

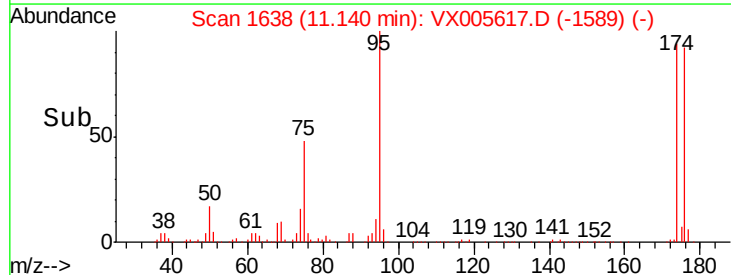
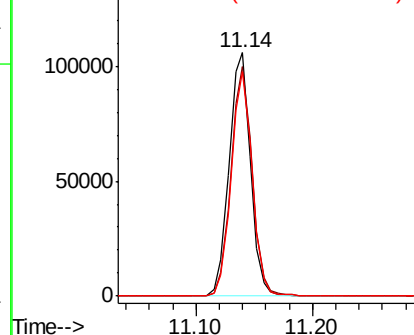
176 90.6 0.0 177.4

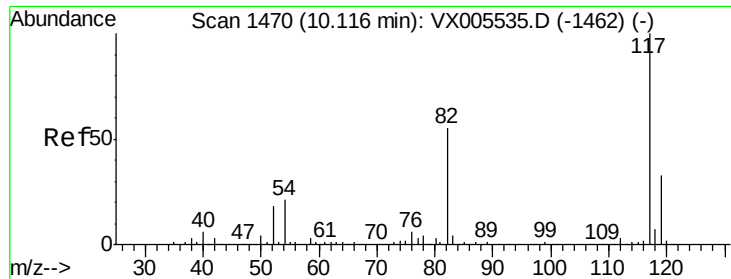


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

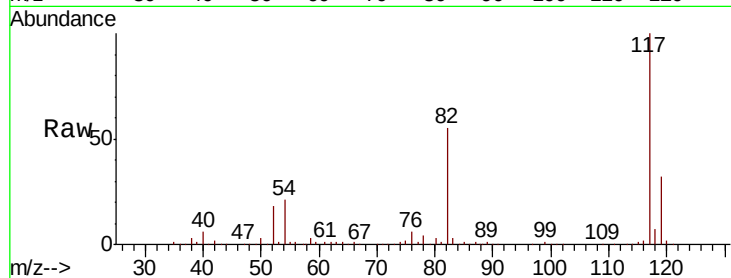




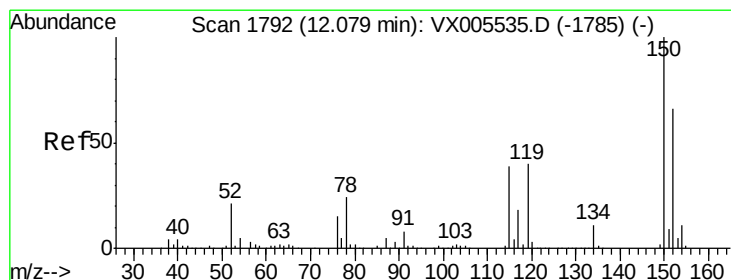
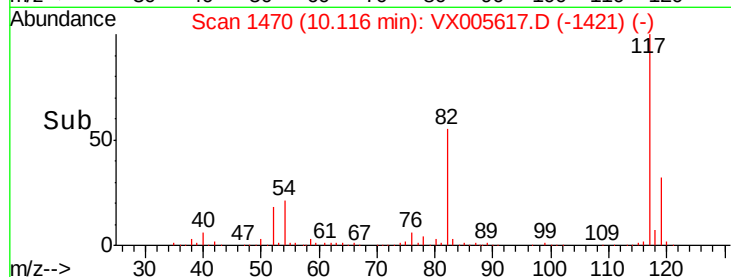
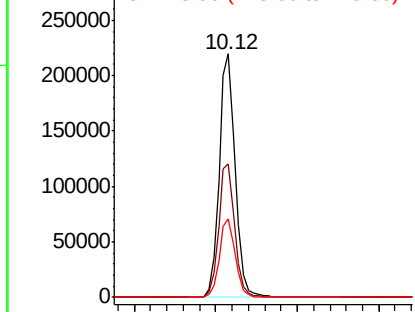
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005617.D
Acq: 26 Oct 2018 20:42

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.1	66.1
119	32.5	26.2	39.2

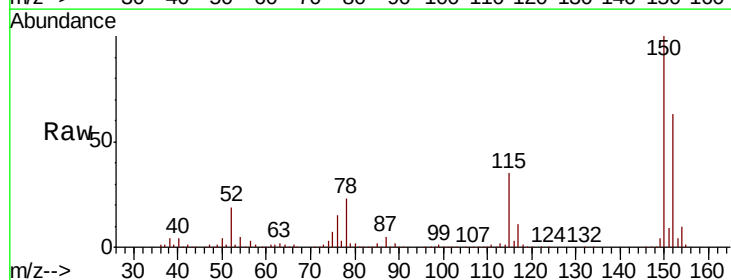


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

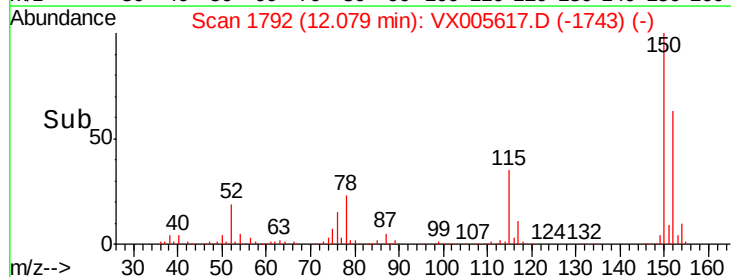
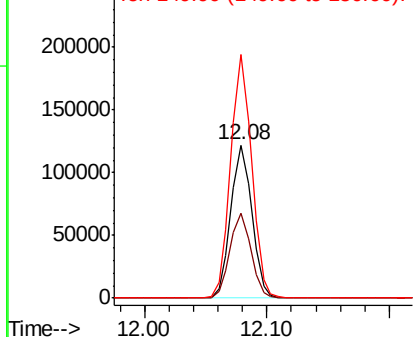


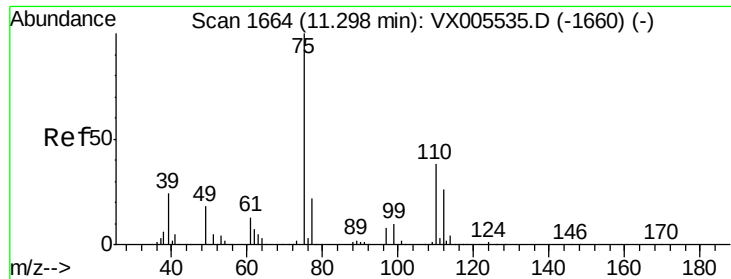
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005617.D
Acq: 26 Oct 2018 20:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.4	39.4	118.1
150	157.9	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





#76

1,2,3-Trichloropropane

Concen: 21.897 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005617.D

Acq: 26 Oct 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

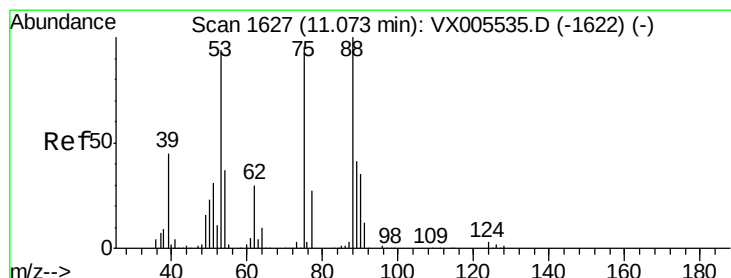
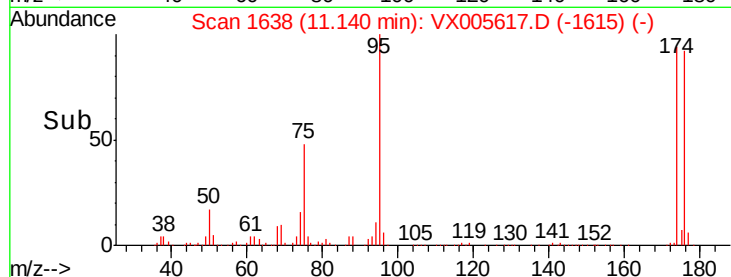
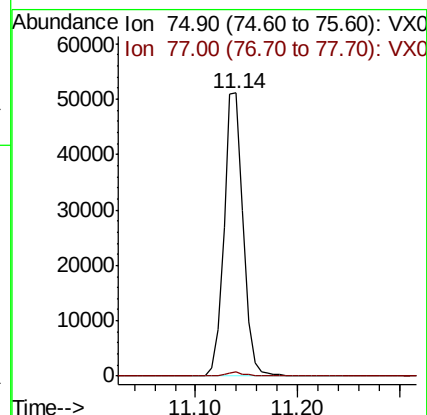
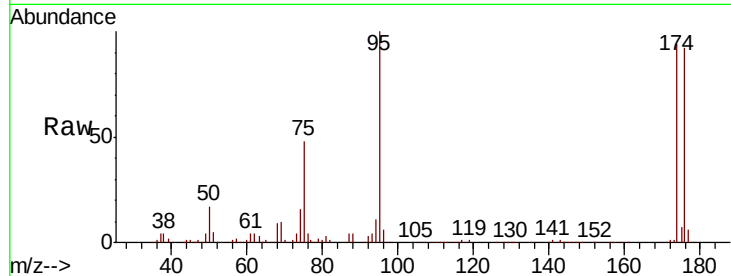
STORAGE-BLANK-WATER-REF-4

Tot Ion: 75 Resp: 67336

Ion Ratio Lower Upper

75 100

77 1.3 20.5 61.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 71.548 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX005617.D

Acq: 26 Oct 2018 20:42

Tgt Ion: 75 Resp: 67336

Ion Ratio Lower Upper

75 100

53 0.4 80.2 120.2#

89 0.0 39.8 59.8#

