

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051019\
 Data File : VX009509.D
 Acq On : 11 May 2019 02:17
 Operator : JC/SP
 Sample : K2805-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

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

Quant Time: May 11 03:35:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	182751	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	290794	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	258384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	112086	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	119788	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
35) Dibromofluoromethane	5.50	113	87389	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	
50) Toluene-d8	8.71	98	364743	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
62) 4-Bromofluorobenzene	11.13	95	123170	45.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.86%	

Target Compounds

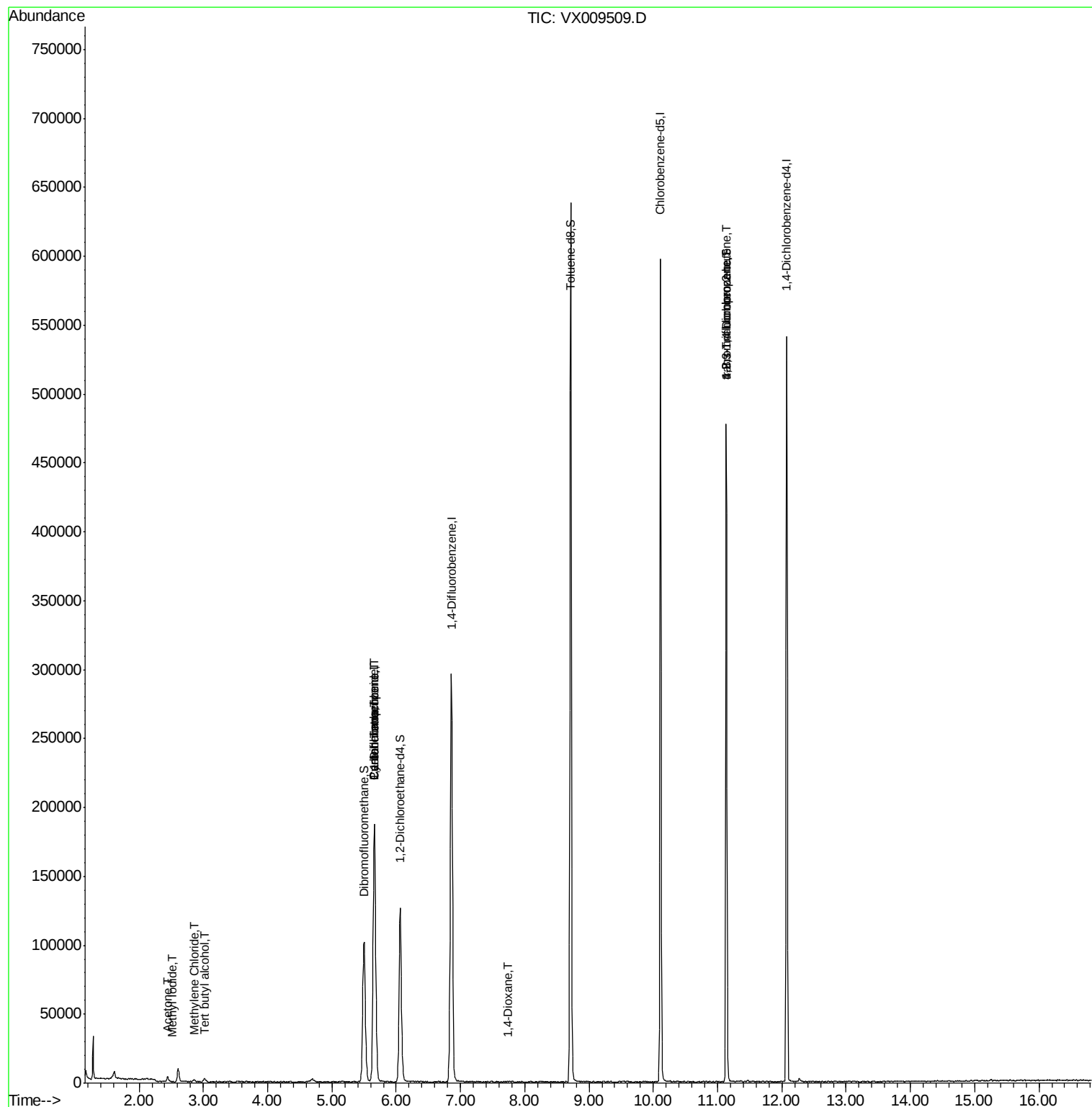
					Qvalue	
10) Methyl Iodide	2.51	142	40	4.612	ug/l #	42
11) Tert butyl alcohol	3.01	59	1424	2.466	ug/l #	81
16) Acetone	2.45	43	4027	3.006	ug/l	99
20) Methylene Chloride	2.85	84	563	0.260	ug/l #	91
28) Bromochloromethane	5.01	49	20	Below Cal	#	20
31) Cyclohexane	5.67	56	3648	0.989	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	13912	5.148	ug/l #	50
38) Carbon Tetrachloride	5.66	117	17082	6.957	ug/l #	15
49) 1,4-Dioxane	7.73	88	21	0.347	ug/l #	20
76) 1,2,3-Trichloropropane	11.13	75	62855	24.175	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	62855	61.855	ug/l #	10

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

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ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Quant Time: May 11 03:35:11 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009509.D

Acq: 11 May 2019 02:17

Instrument :

MSVOA_X

ClientSampleId :

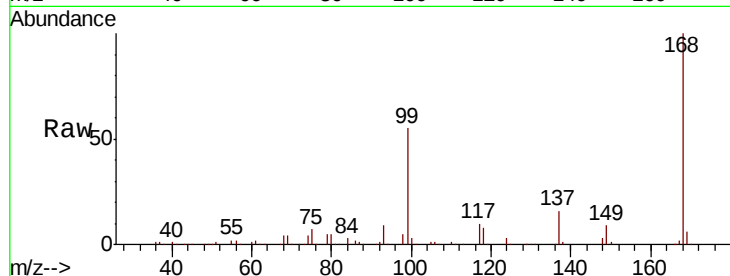
STORAGE-BLANK-WATER-REF-4

Tot Ion:168 Resp: 182751

Ion Ratio Lower Upper

168 100

99 55.0 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

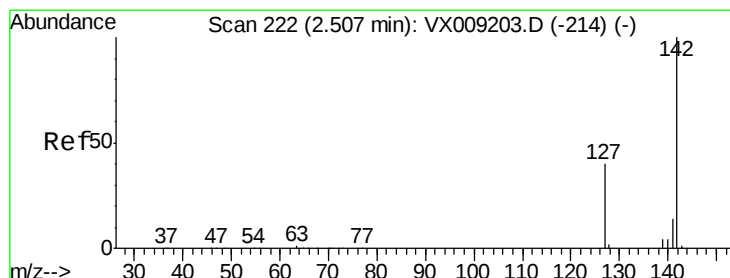
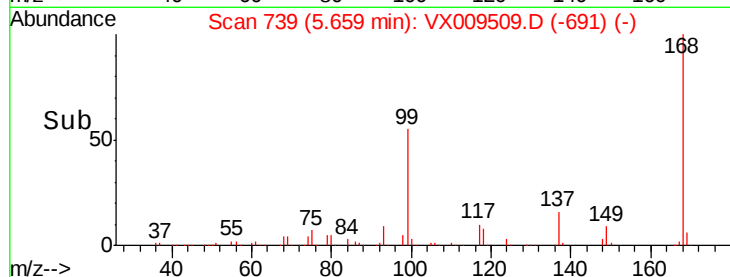
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 4.612 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009509.D

Acq: 11 May 2019 02:17

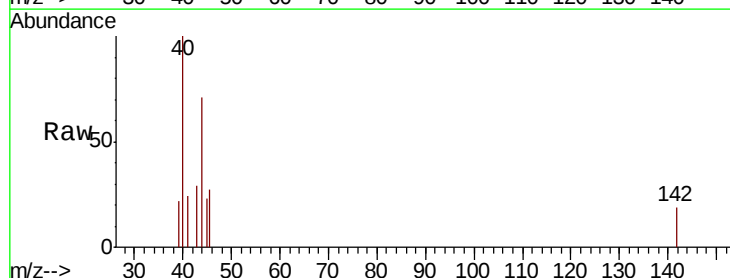
Tgt Ion:142 Resp: 40

Ion Ratio Lower Upper

142 100

127 0.0 32.7 49.1#

141 0.0 11.5 17.3#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

2.51

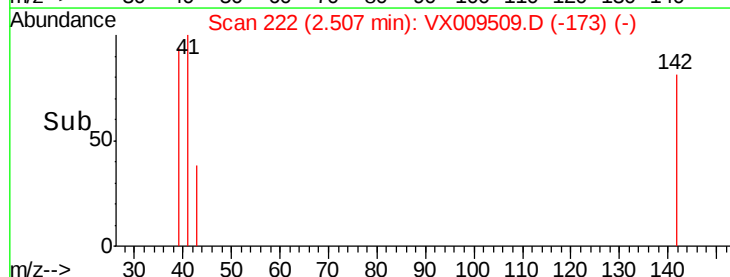
60

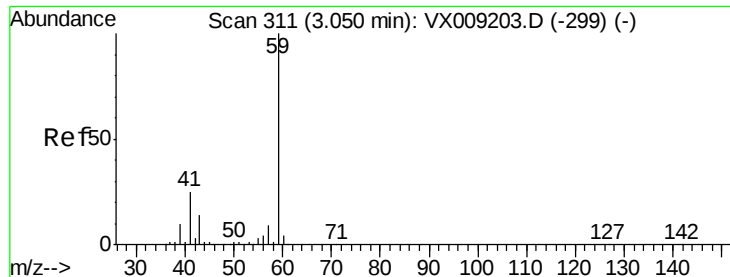
40

20

0

Time--> 2.48 2.50 2.52

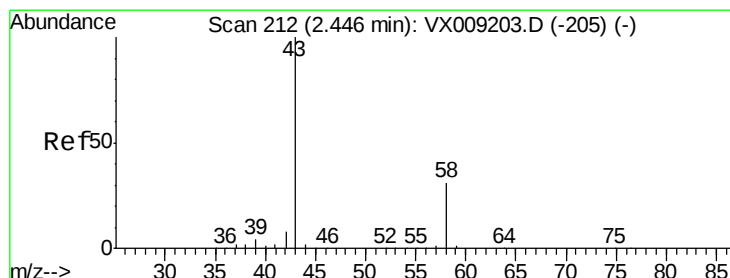
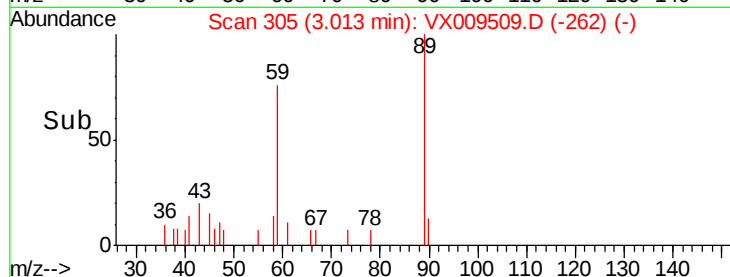
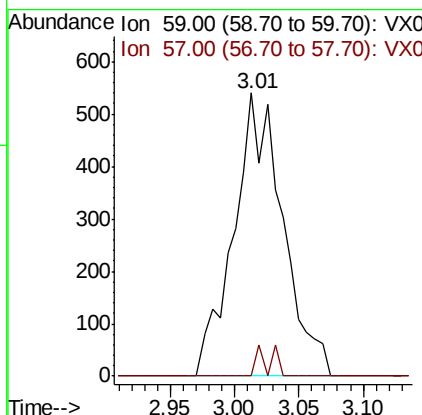
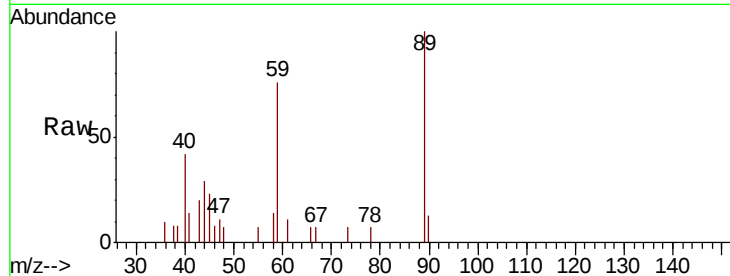




#11
Tert butyl alcohol
Concen: 2.466 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.04 min
Lab File: VX009509.D
Acq: 11 May 2019 02:17

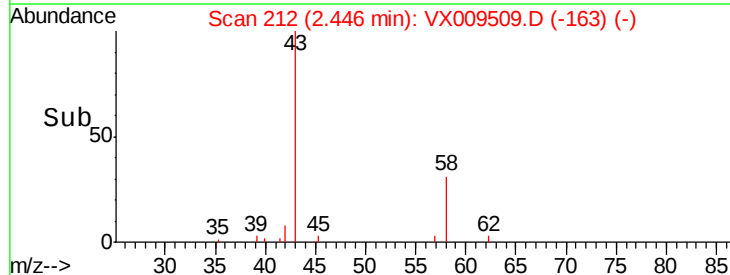
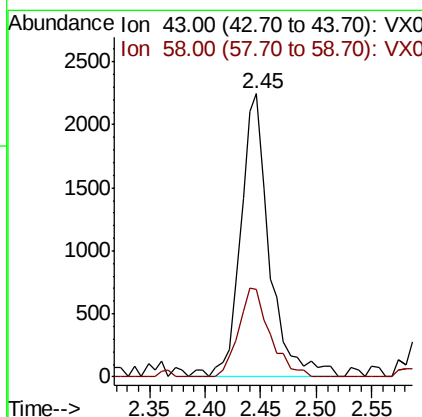
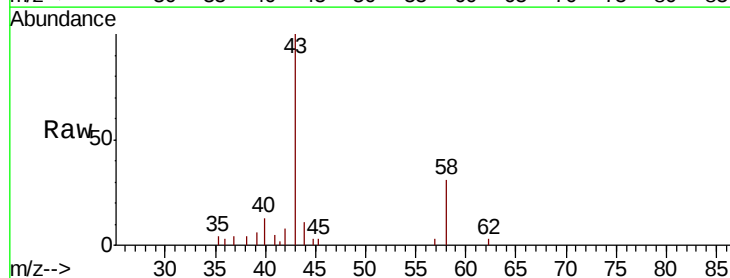
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

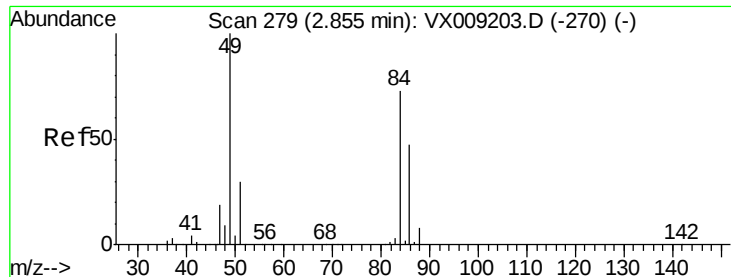
Tot Ion: 59 Resp: 1424
Ion Ratio Lower Upper
59 100
57 3.1 8.2 12.2#



#16
Acetone
Concen: 3.006 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX009509.D
Acq: 11 May 2019 02:17

Tgt Ion: 43 Resp: 4027
Ion Ratio Lower Upper
43 100
58 30.8 24.9 37.3

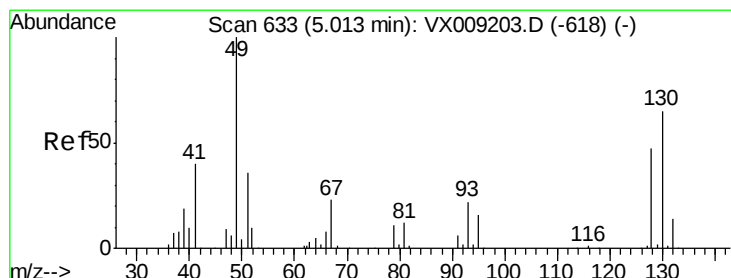
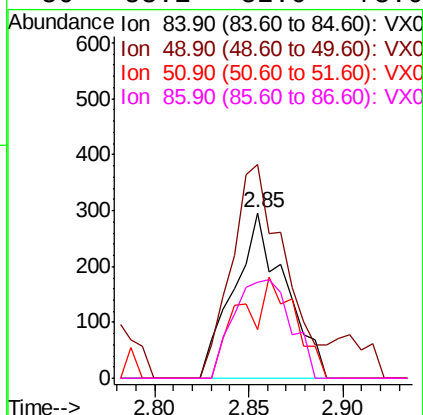
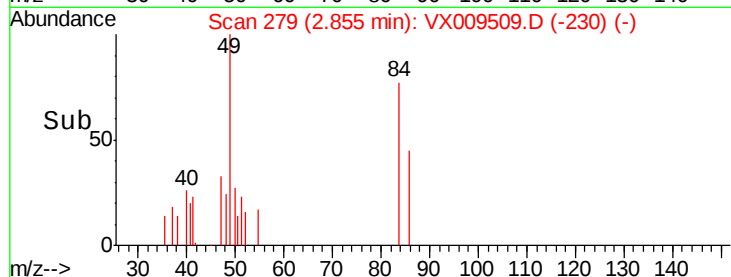
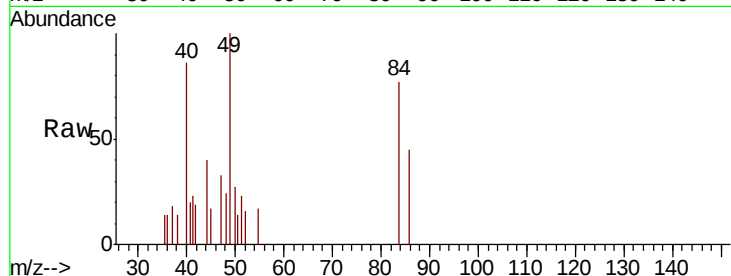




#20
Methvlene Chloride
Concen: 0.260 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009509.D
Acq: 11 May 2019 02:17

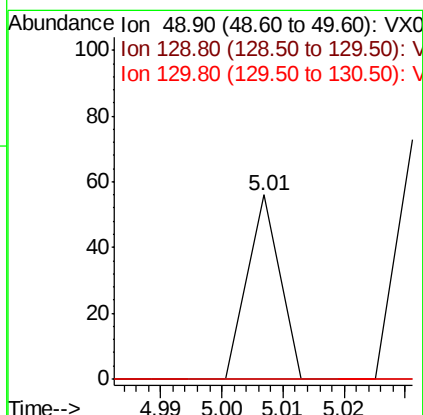
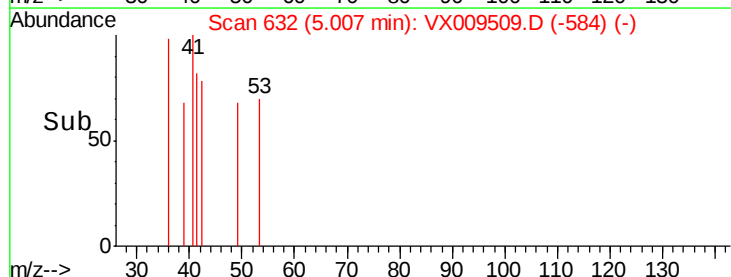
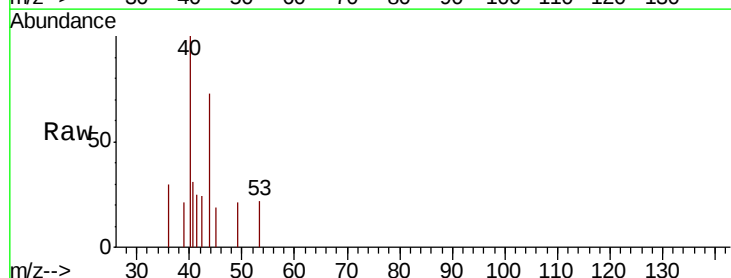
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

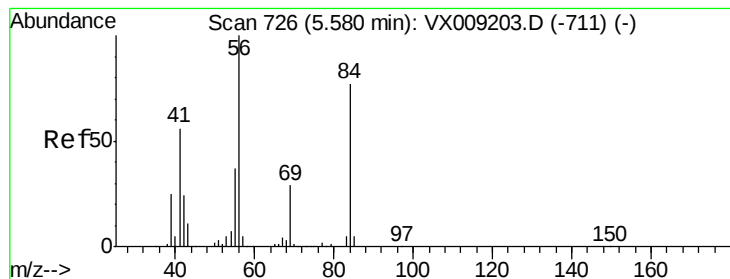
Tot Ion: 84 Resp: 563
Ion Ratio Lower Upper
84 100
49 129.1 109.9 164.9
51 29.7 32.7 49.1#
86 58.1 52.0 78.0



#28
Bromochloromethane
Concen: Below Cal
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX009509.D
Acq: 11 May 2019 02:17

Tgt Ion: 49 Resp: 20
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 51.2 76.8#





#31

Cyclohexane

Concen: 0.989 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.09 min

Lab File: VX009509.D

Acq: 11 May 2019 02:17

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

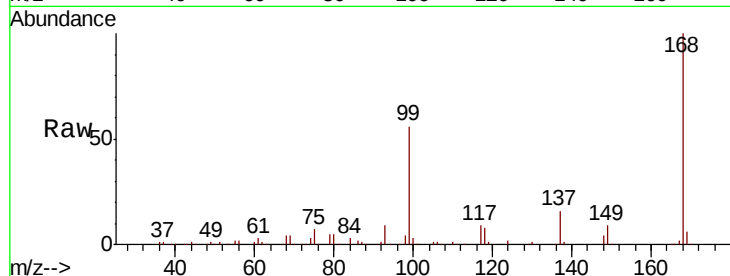
Tot Ion: 56 Resp: 3648

Ion Ratio Lower Upper

56 100

69 183.5 23.4 35.0#

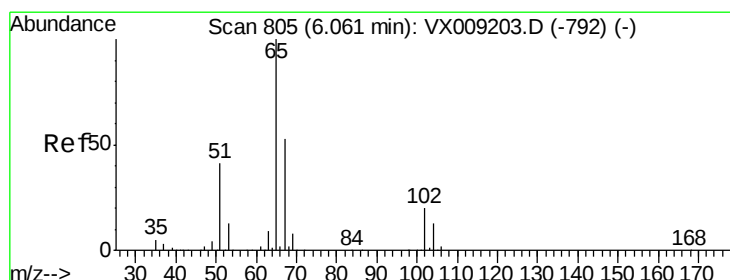
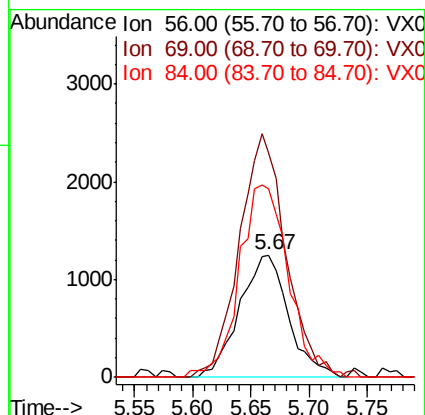
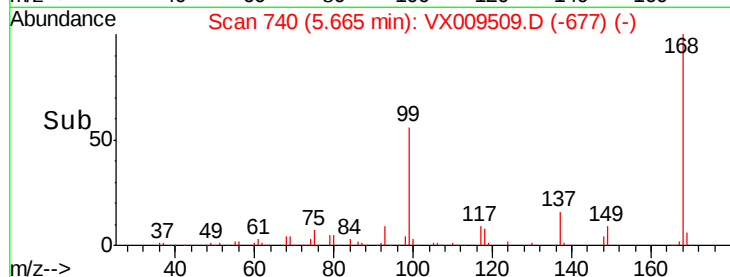
84 149.6 61.9 92.9#



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: 48.016 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009509.D

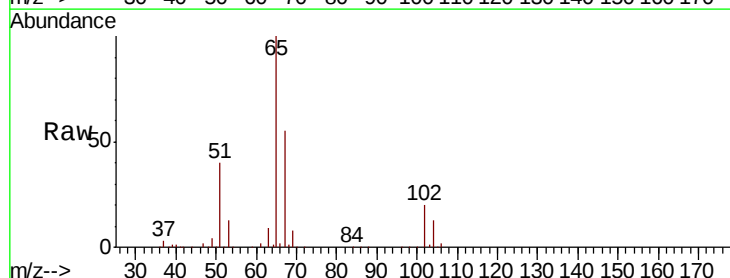
Acq: 11 May 2019 02:17

Tgt Ion: 65 Resp: 119788

Ion Ratio Lower Upper

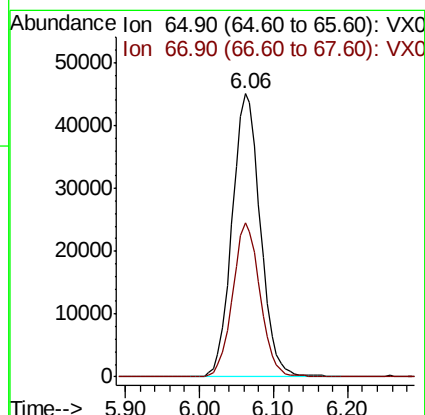
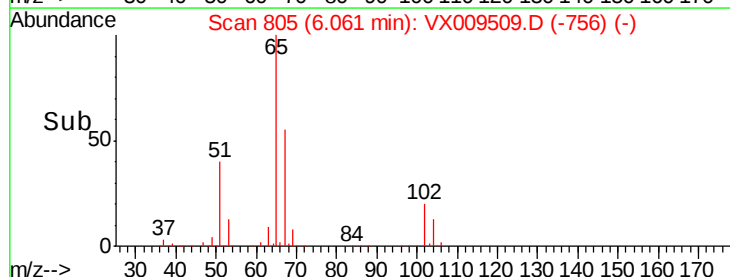
65 100

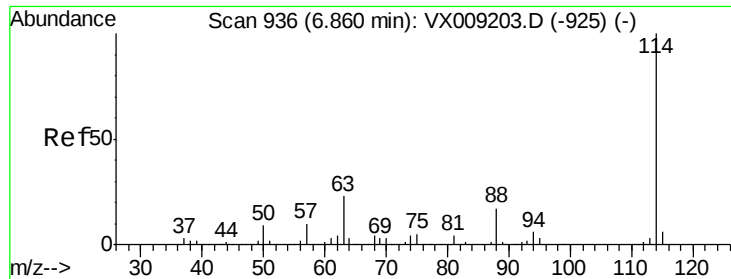
67 53.2 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

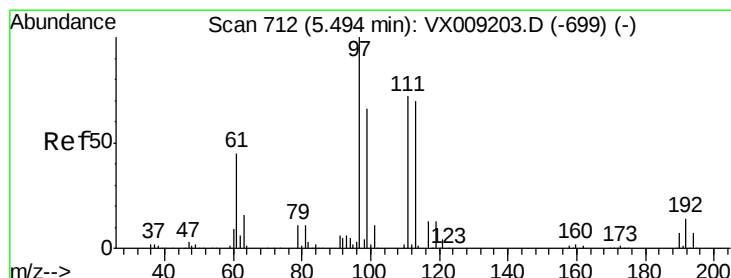
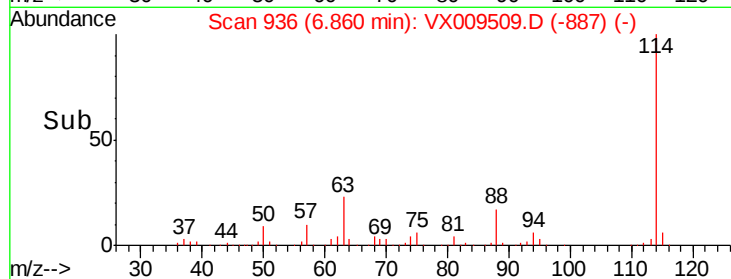
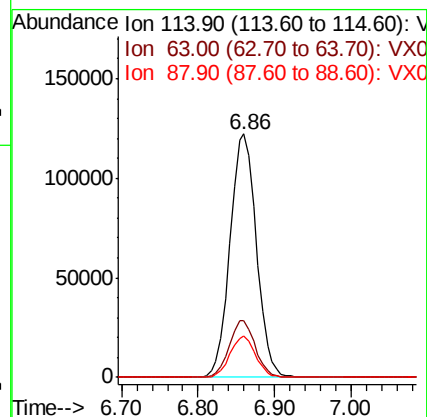
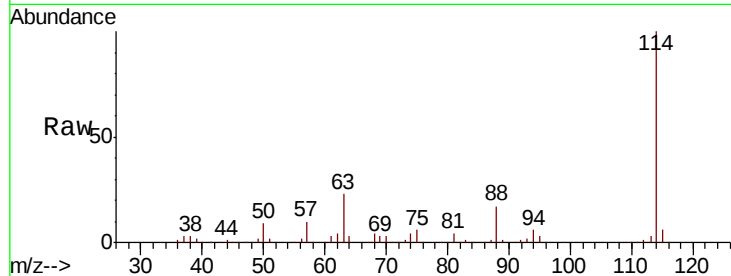




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009509.D
 Acq: 11 May 2019 02:17

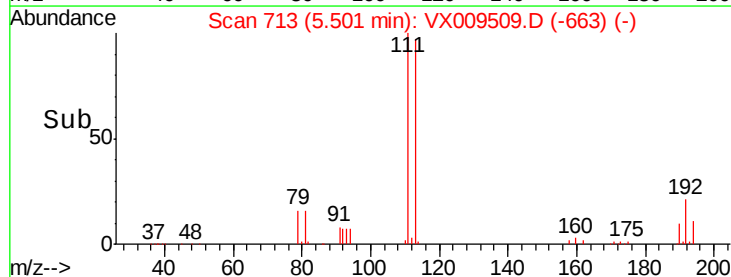
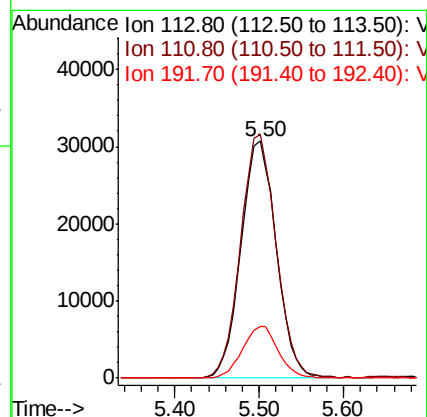
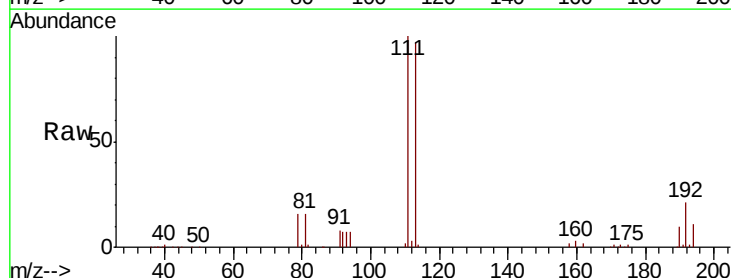
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

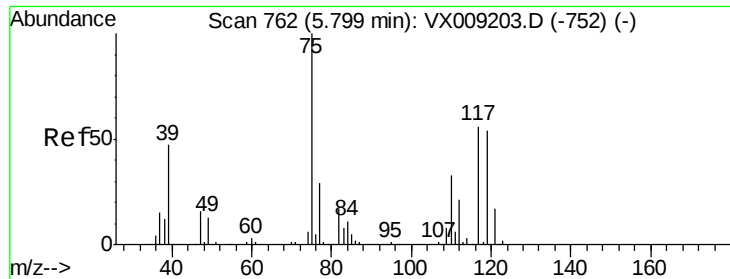
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	45.6
88	16.9	0.0	33.2



#35
 Dibromofluoromethane
 Concen: 47.805 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009509.D
 Acq: 11 May 2019 02:17

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.8	124.2
192	22.1	17.0	25.6





#36

1,1-Dichloropropene

Concen: 5.148 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX009509.D

Acq: 11 May 2019 02:17

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

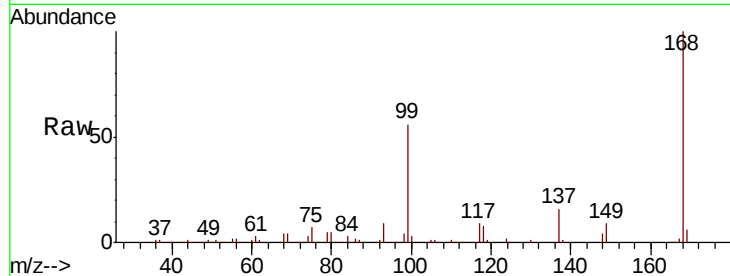
Tot Ion: 75 Resp: 13912

Ion Ratio Lower Upper

75 100

110 8.7 16.9 50.6#

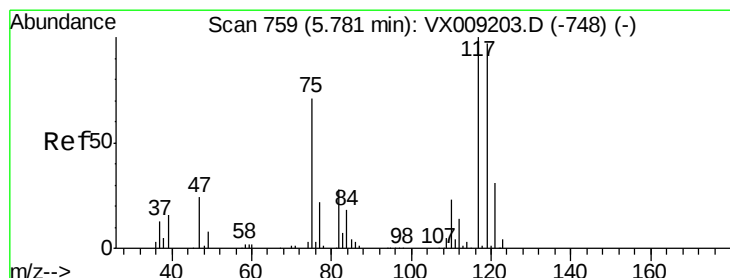
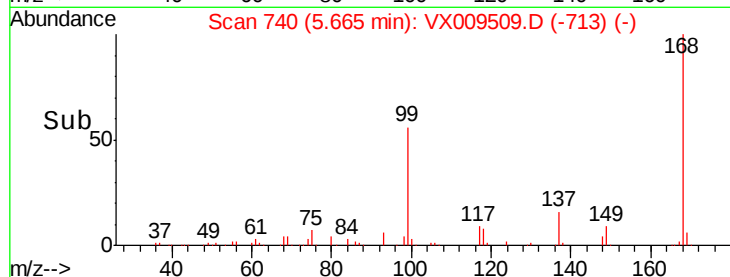
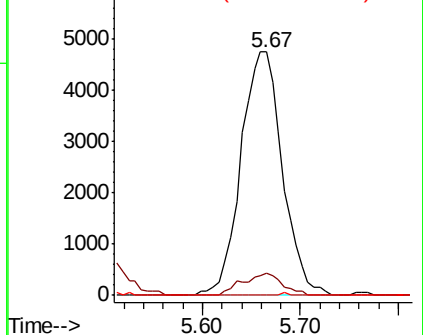
77 0.1 24.8 37.2#



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: 6.957 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX009509.D

Acq: 11 May 2019 02:17

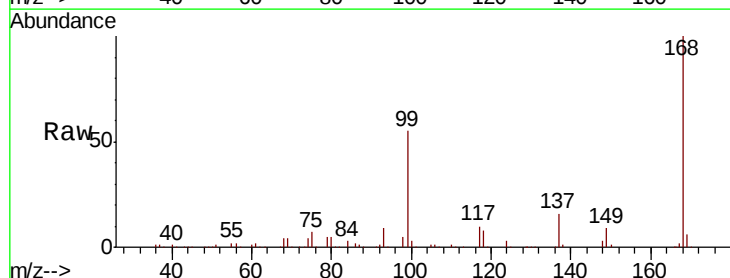
Tgt Ion:117 Resp: 17082

Ion Ratio Lower Upper

117 100

119 4.2 77.5 116.3#

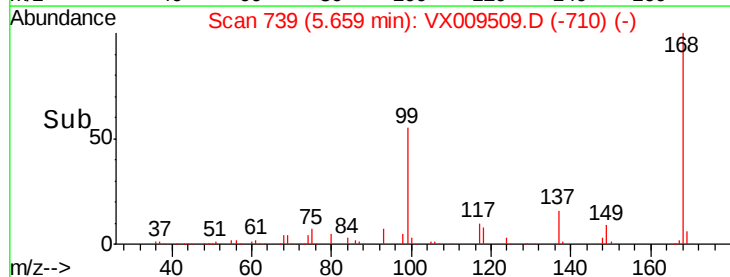
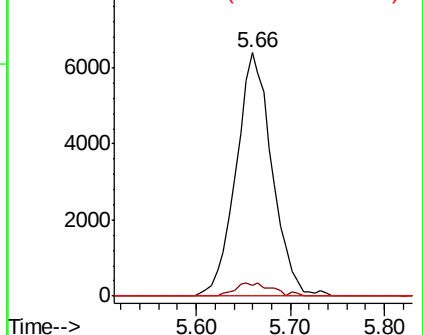
121 0.0 24.7 37.1#

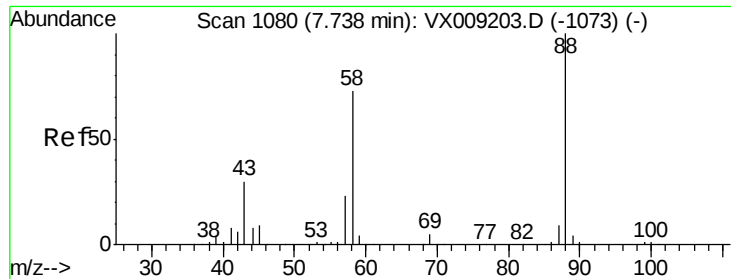


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

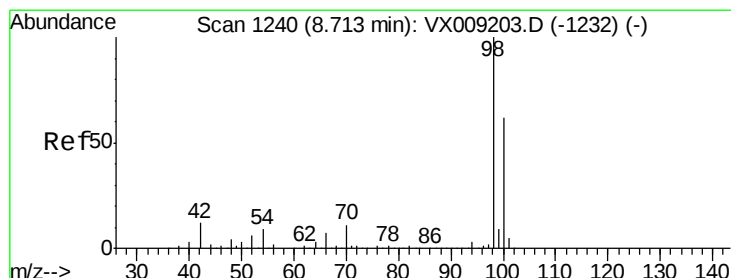
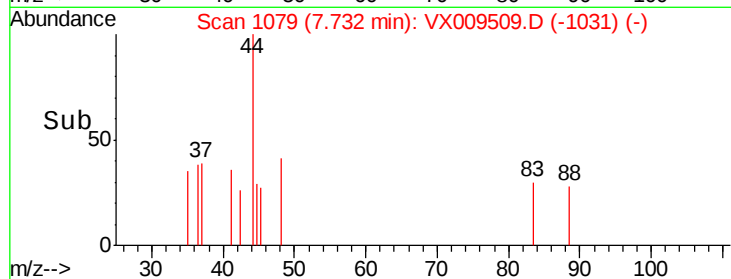
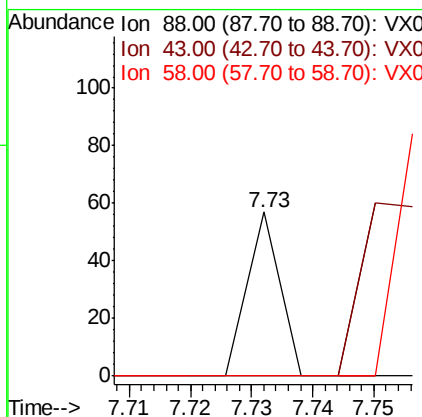
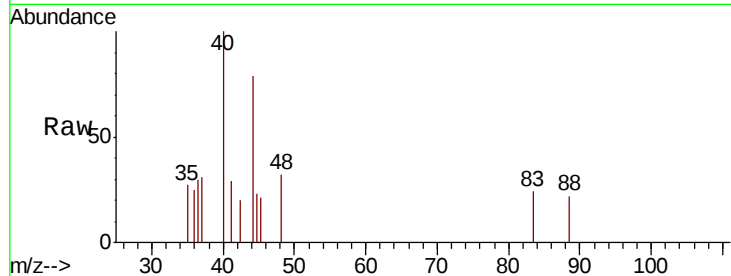




#49
 1,4-Dioxane
 Concen: 0.347 ug/l
 RT: 7.73 min Scan# 1079
 Delta R.T. -0.01 min
 Lab File: VX009509.D
 Acq: 11 May 2019 02:17

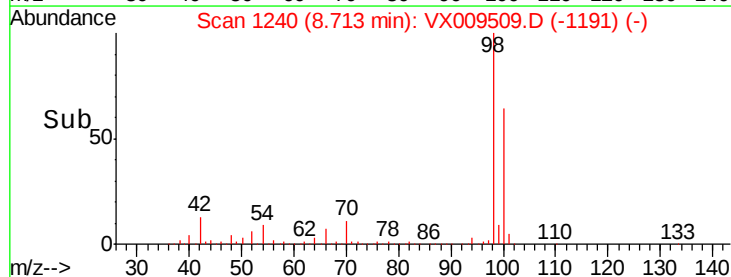
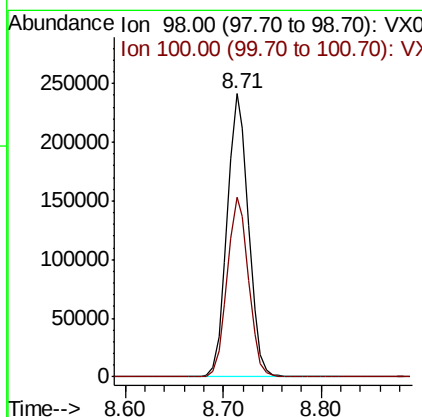
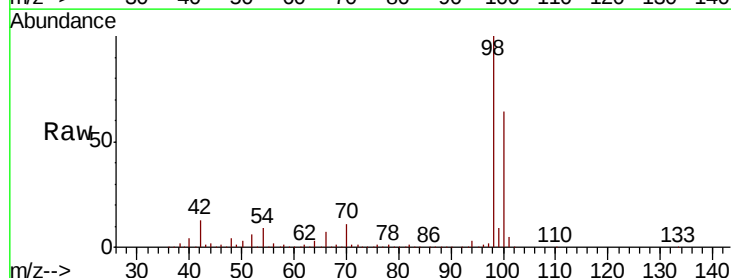
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

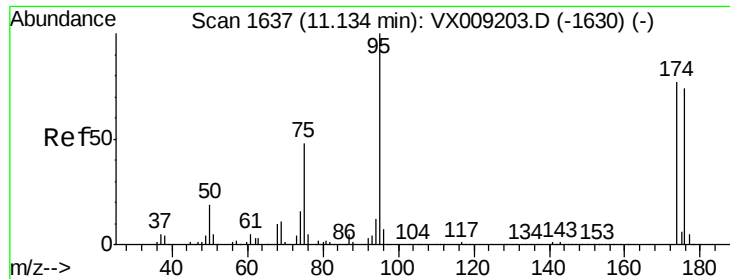
Tot Ion: 88 Resp: 21
 Ion Ratio Lower Upper
 88 100
 43 0.0 28.6 42.8#
 58 0.0 61.7 92.5#



#50
 Toluene-d8
 Concen: 49.421 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX009509.D
 Acq: 11 May 2019 02:17

Tgt Ion: 98 Resp: 364743
 Ion Ratio Lower Upper
 98 100
 100 63.9 51.2 76.8

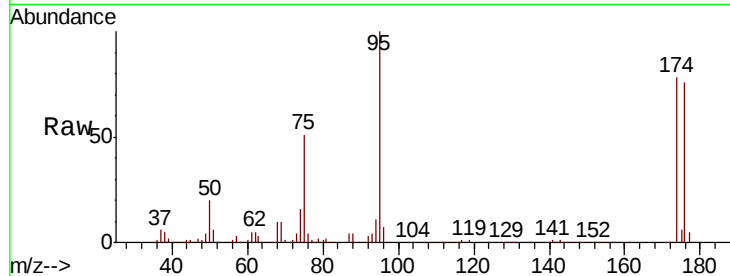




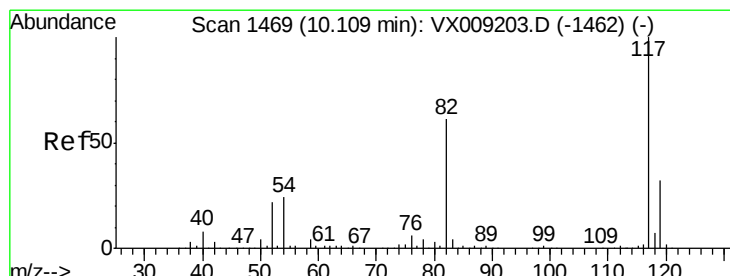
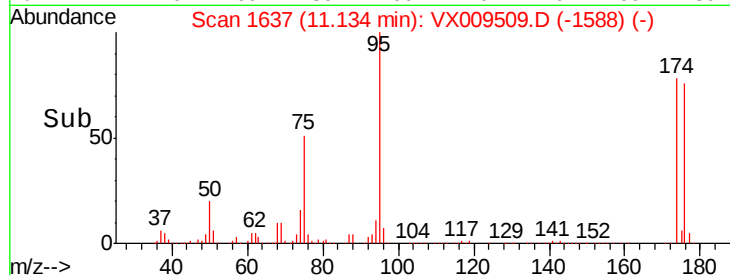
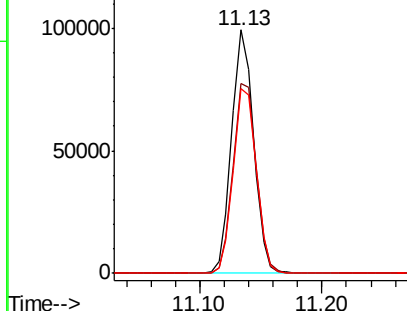
#62
4-Bromofluorobenzene
Concen: 45.930 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009509.D
Acq: 11 May 2019 02:17

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

Tot Ion: 95 Resp: 123170
Ion Ratio Lower Upper
95 100
174 82.7 0.0 161.6
176 79.9 0.0 159.2

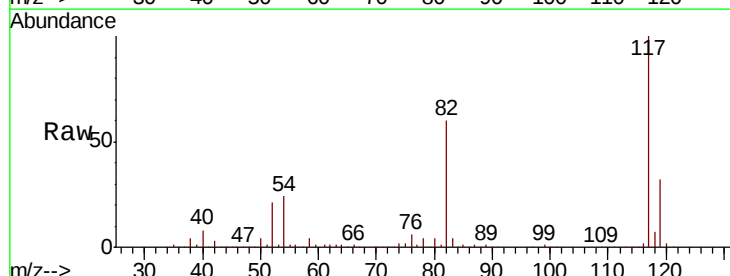


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

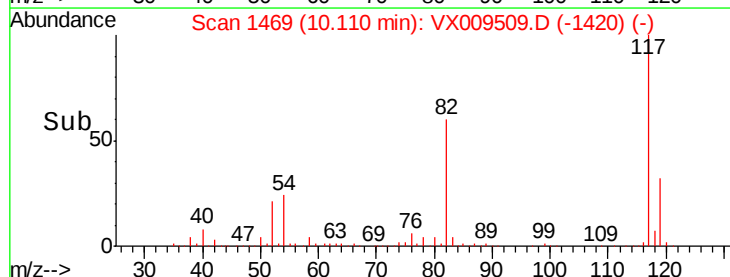
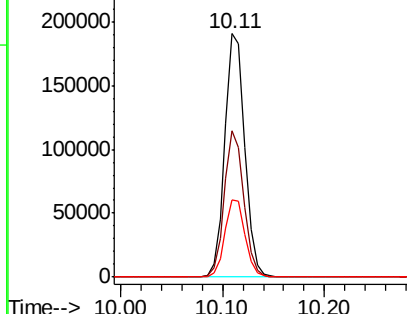


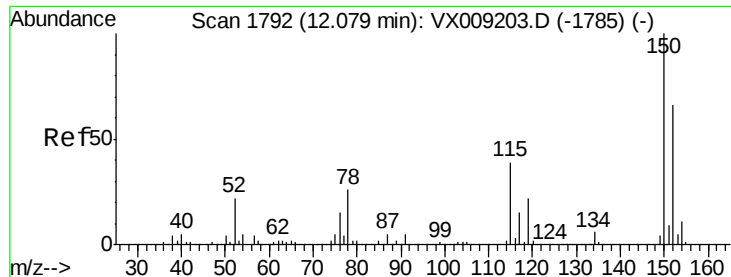
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009509.D
Acq: 11 May 2019 02:17

Tgt Ion: 117 Resp: 258384
Ion Ratio Lower Upper
117 100
82 60.3 48.8 73.2
119 31.8 25.8 38.6



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: VX009509.D

Acq: 11 May 2019 02:17

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

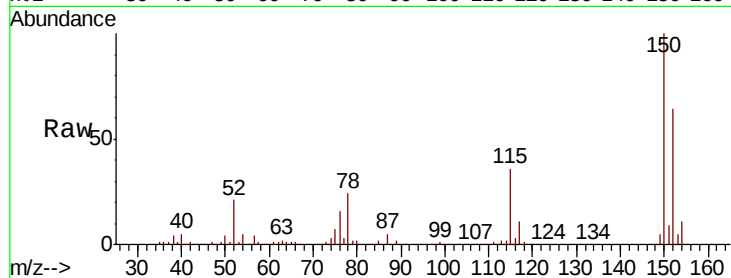
Tot Ion:152 Resp: 112086

Ion Ratio Lower Upper

152 100

115 58.7 41.2 123.6

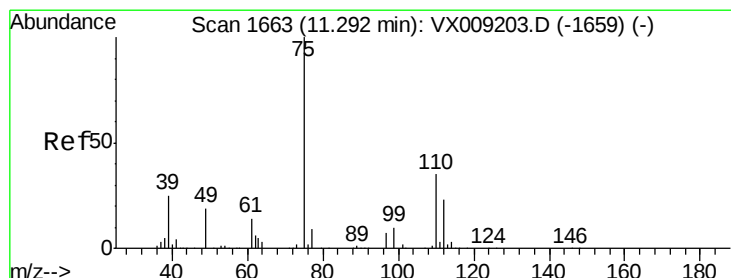
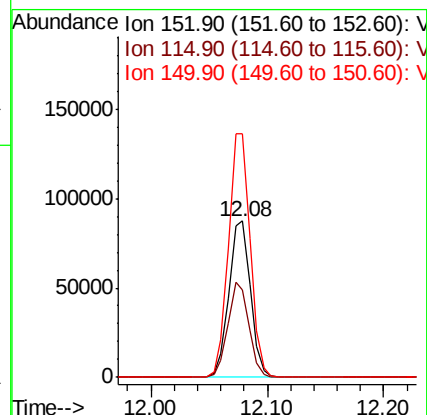
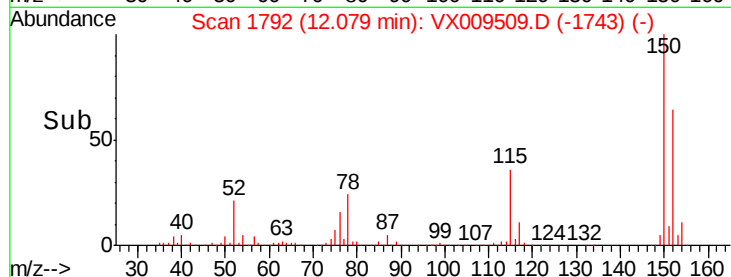
150 157.0 0.0 346.4



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: 24.175 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009509.D

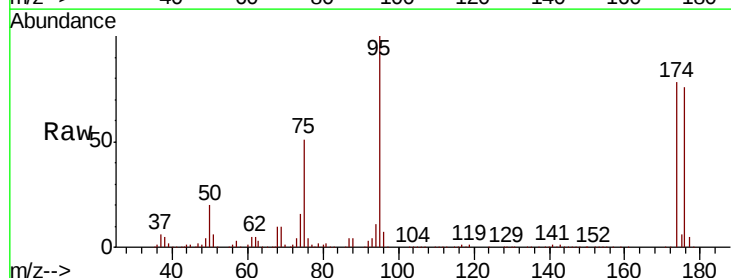
Acq: 11 May 2019 02:17

Tgt Ion: 75 Resp: 62855

Ion Ratio Lower Upper

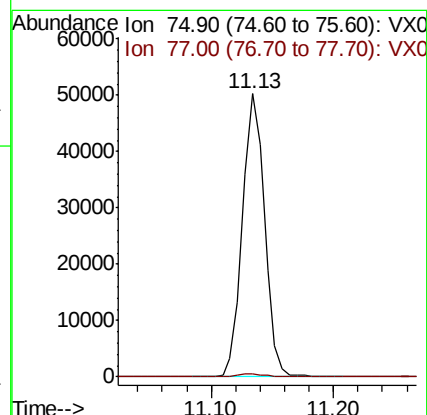
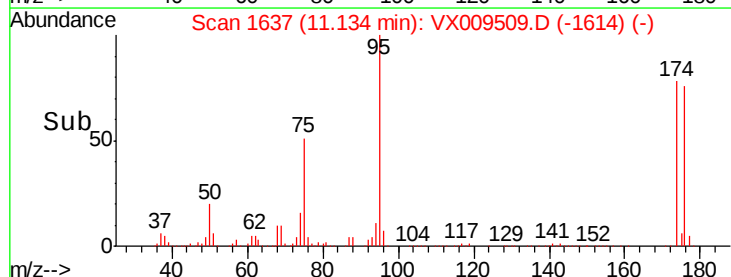
75 100

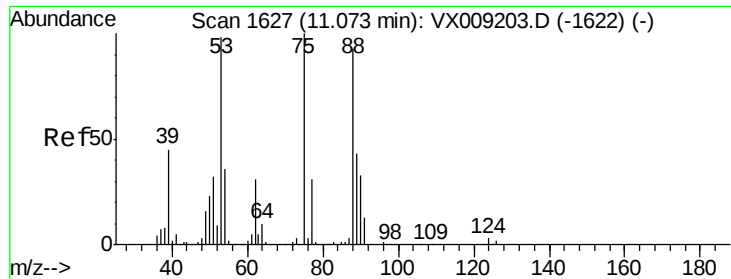
77 1.3 22.1 66.1#



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: 61.855 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009509.D

Acq: 11 May 2019 02:17

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

Tot Ion: 75 Resp: 62855

Ion Ratio Lower Upper

75 100

53 0.1 79.0 118.6#

89 0.0 34.7 52.1#

