

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070919\
 Data File : VX010745.D
 Acq On : 09 Jul 2019 13:04
 Operator : JC/SP
 Sample : K3692-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jul 10 02:09:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	226148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	355437	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	322349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	146876	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	114147	53.83	ug/l	0.00
Spiked Amount			Recovery	=	107.66%	
35) Dibromofluoromethane	5.50	113	108907	50.08	ug/l	0.00
Spiked Amount			Recovery	=	100.16%	
50) Toluene-d8	8.71	98	418789	50.34	ug/l	0.00
Spiked Amount			Recovery	=	100.68%	
62) 4-Bromofluorobenzene	11.13	95	140809	46.88	ug/l	0.00
Spiked Amount			Recovery	=	93.76%	

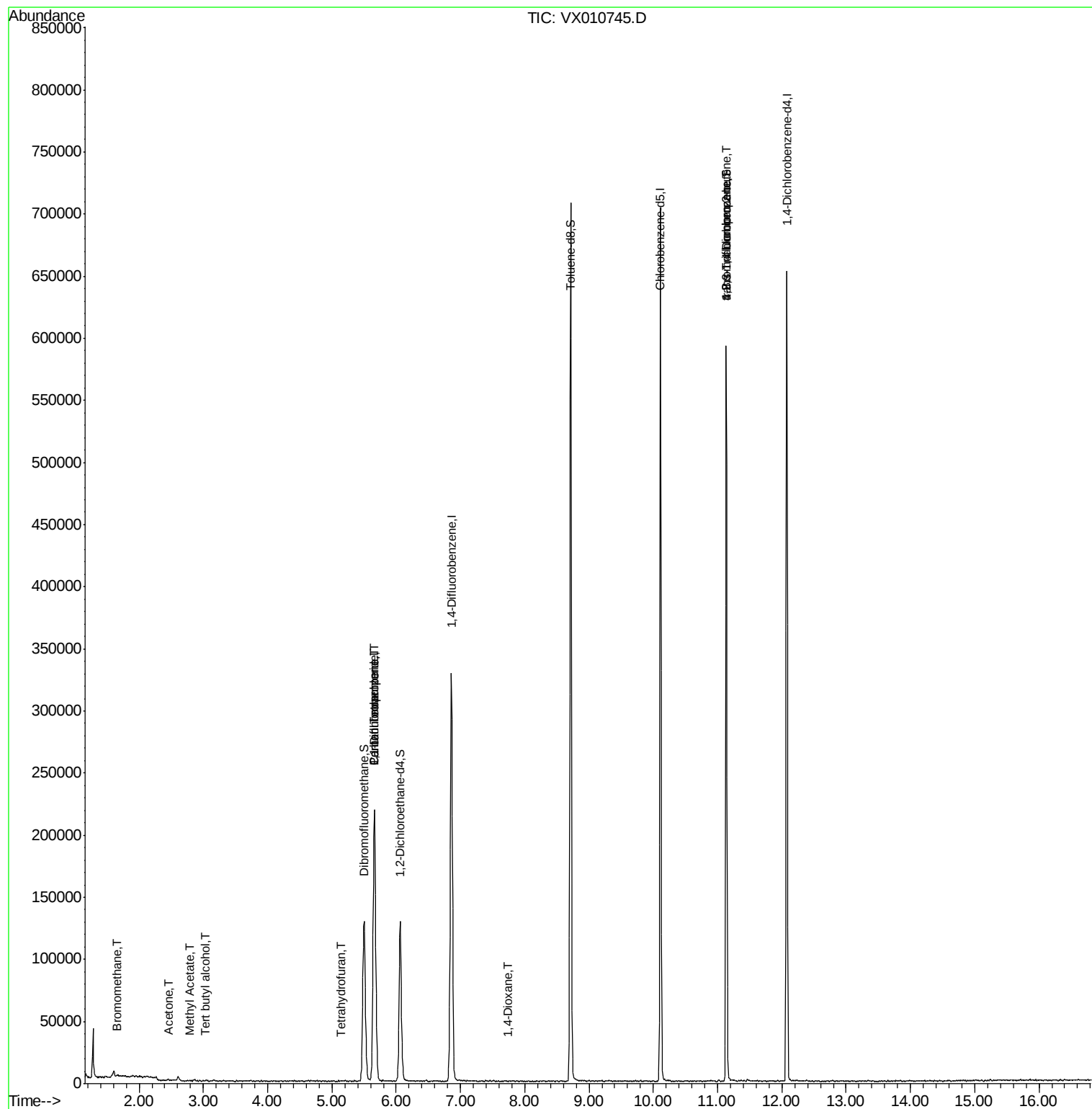
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	712	0.729	ug/l #	69
11) Tert butyl alcohol	3.04	59	687	1.238	ug/l #	46
16) Acetone	2.45	43	958	0.902	ug/l	97
18) Methyl Acetate	2.78	43	614	0.290	ug/l #	82
29) Tetrahydrofuran	5.13	42	196	0.203	ug/l #	70
36) 1,1-Dichloropropene	5.66	75	14494	5.132	ug/l #	47
38) Carbon Tetrachloride	5.67	117	19933	6.517	ug/l #	16
49) 1,4-Dioxane	7.74	88	20	0.311	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	68800	25.706	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	68800	59.968	ug/l #	16

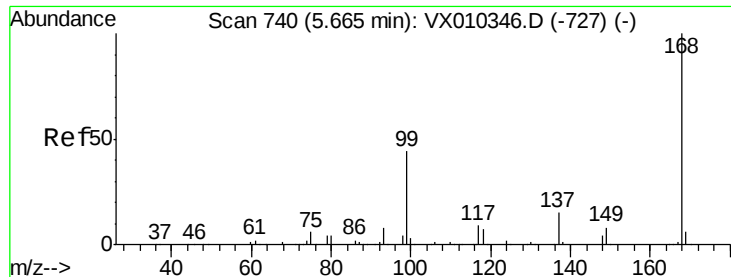
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070919\
Data File : VX010745.D
Acq On : 09 Jul 2019 13:04
Operator : JC/SP
Sample : K3692-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jul 10 02:09:29 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
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: VX010745.D

Acq: 09 Jul 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

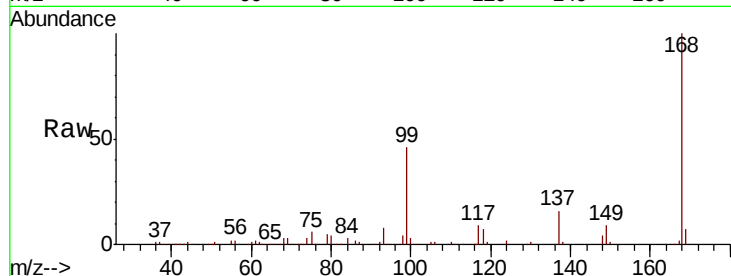
STORAGE-BLANK-WATER-REF-4

Tot Ion:168 Resp: 226148

Ion Ratio Lower Upper

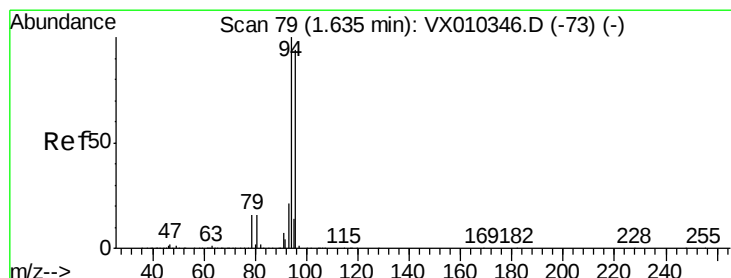
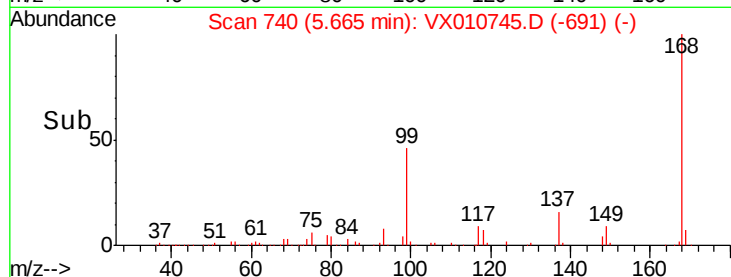
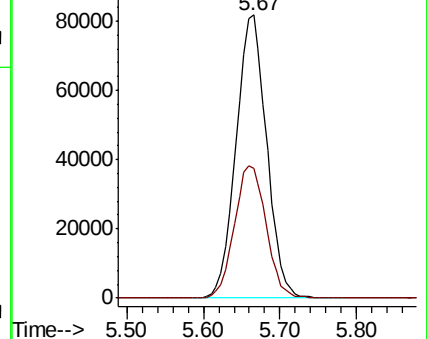
168 100

99 45.7 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.729 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX010745.D

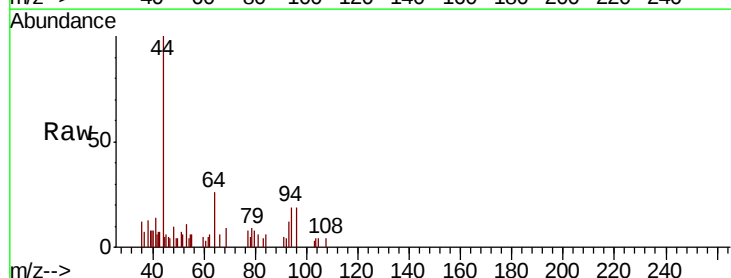
Acq: 09 Jul 2019 13:04

Tgt Ion: 94 Resp: 712

Ion Ratio Lower Upper

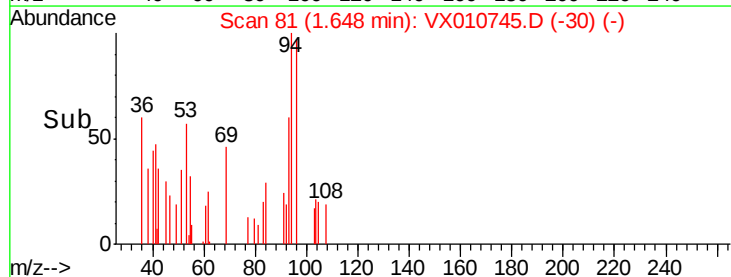
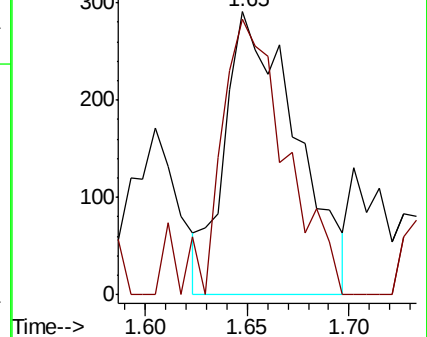
94 100

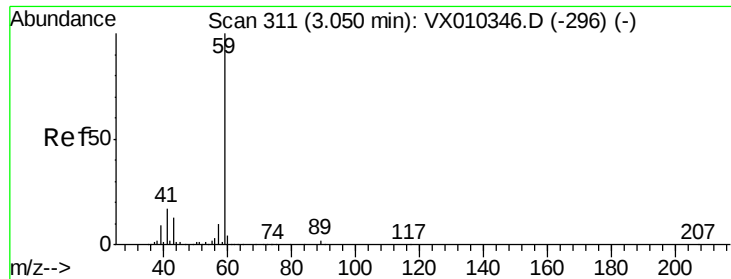
96 124.1 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

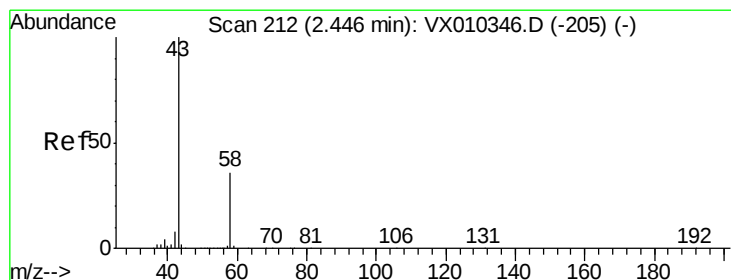
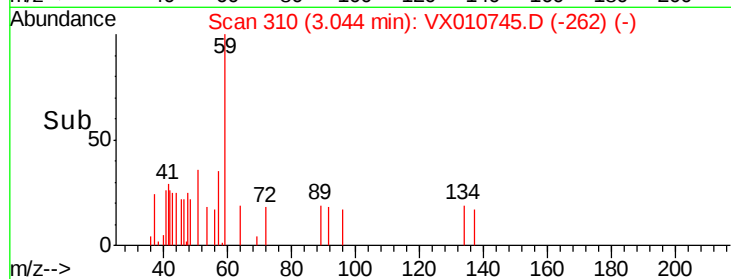
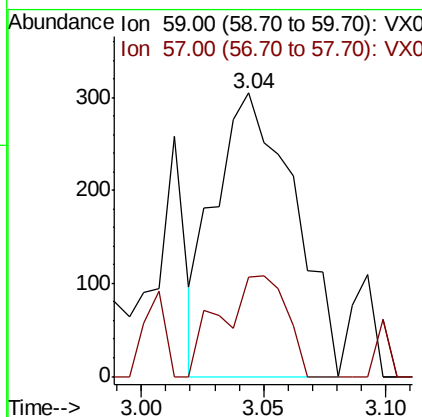
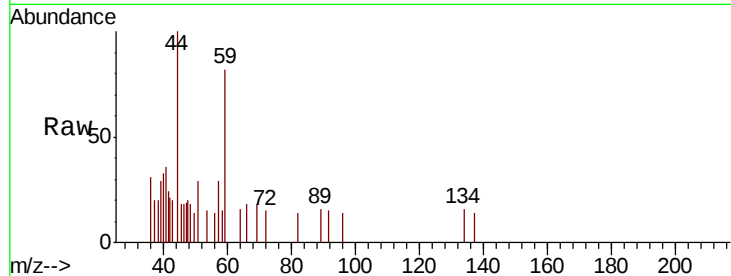




#11
Tert butyl alcohol
Concen: 1.238 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010745.D
Acq: 09 Jul 2019 13:04

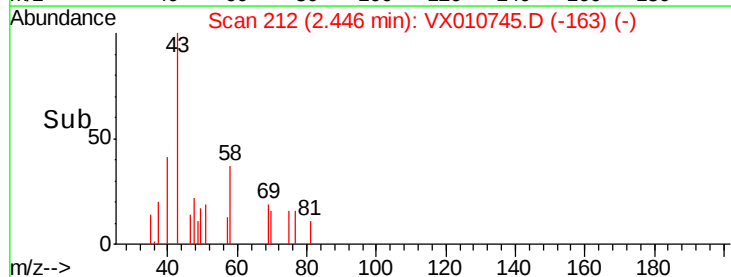
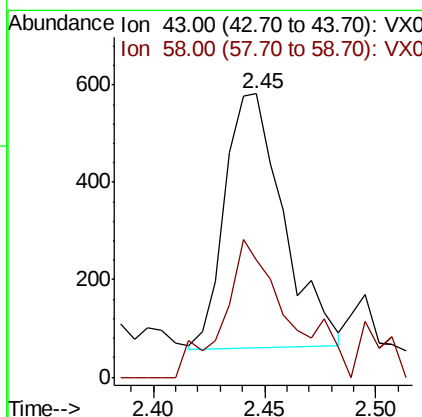
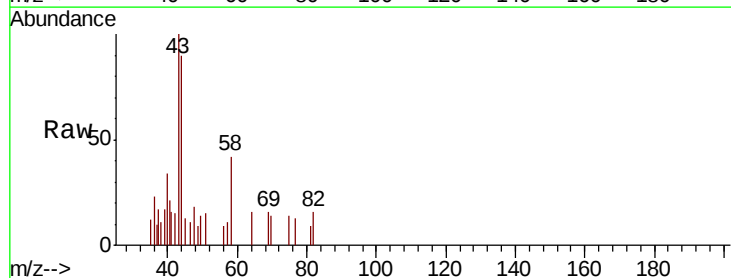
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

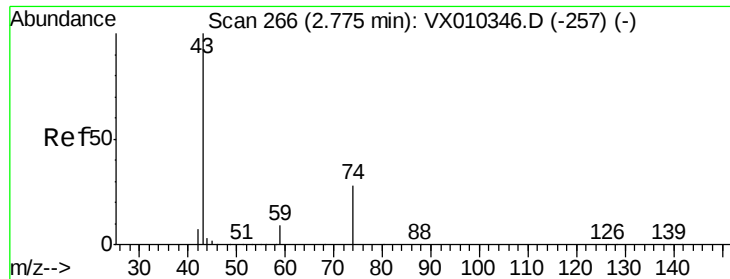
Tot Ion: 59 Resp: 687
Ion Ratio Lower Upper
59 100
57 29.4 7.7 11.5#



#16
Acetone
Concen: 0.902 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX010745.D
Acq: 09 Jul 2019 13:04

Tgt Ion: 43 Resp: 958
Ion Ratio Lower Upper
43 100
58 34.6 28.9 43.3

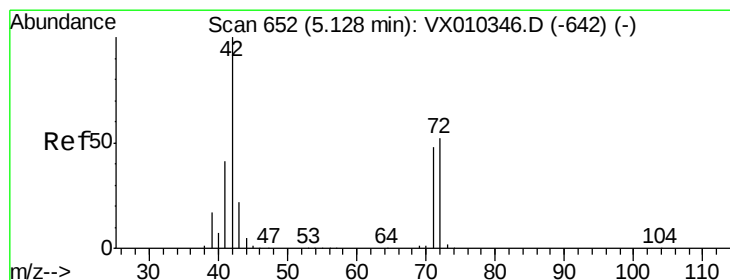
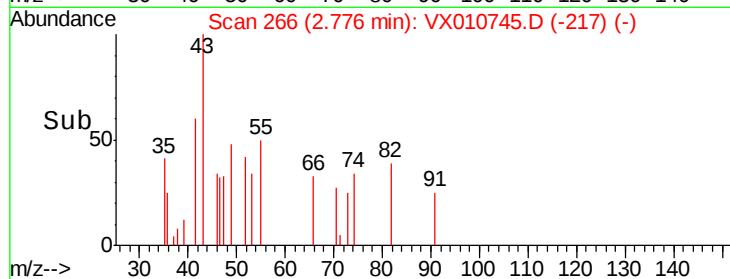
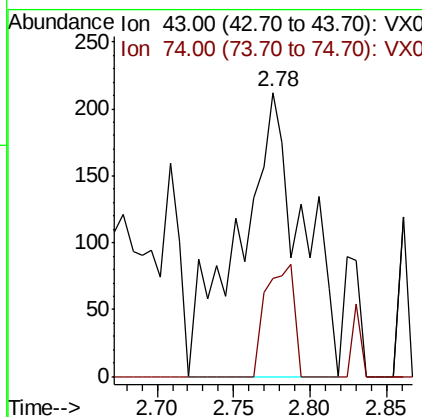
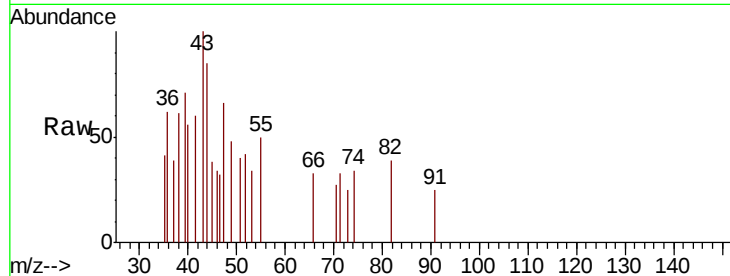




#18
Methvl Acetate
Concen: 0.290 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010745.D
Acq: 09 Jul 2019 13:04

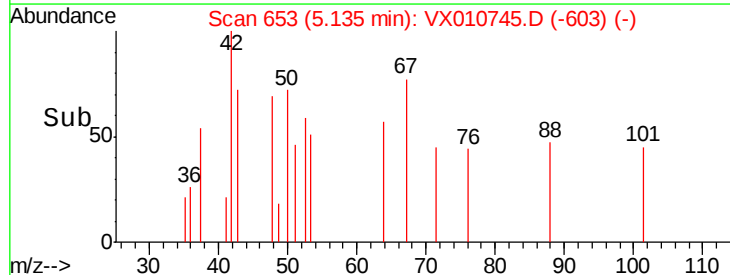
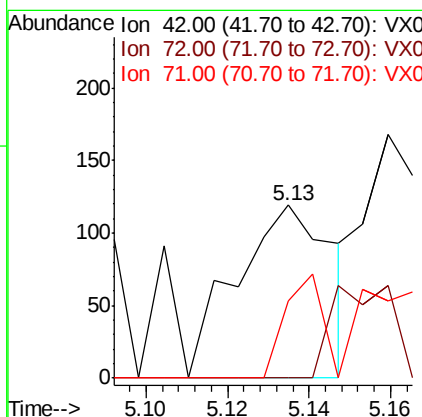
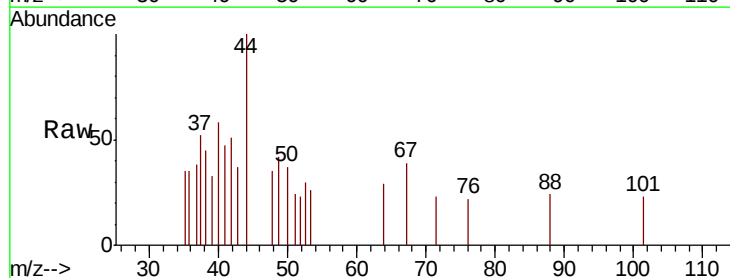
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

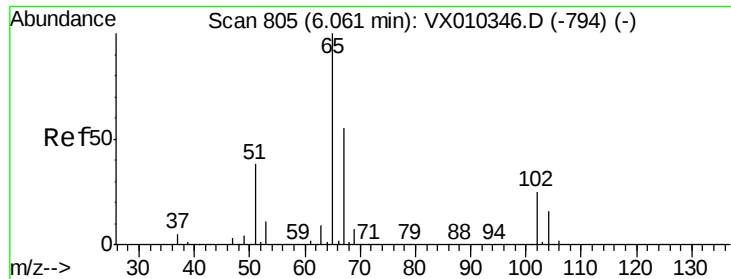
Tot Ion: 43 Resp: 614
Ion Ratio Lower Upper
43 100
74 17.6 21.3 31.9#



#29
Tetrahydrofuran
Concen: 0.203 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX010745.D
Acq: 09 Jul 2019 13:04

Tgt Ion: 42 Resp: 196
Ion Ratio Lower Upper
42 100
72 33.2 40.6 60.8#
71 23.5 37.8 56.8#





#33

1,2-Dichloroethane-d4

Concen: 53.834 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010745.D

Acq: 09 Jul 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

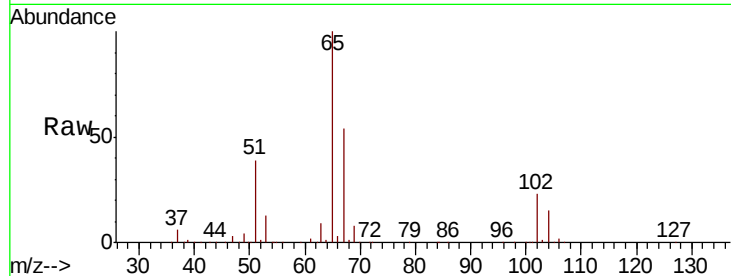
STORAGE-BLANK-WATER-REF-4

Tot Ion: 65 Resp: 114147

Ion Ratio Lower Upper

65 100

67 54.9 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

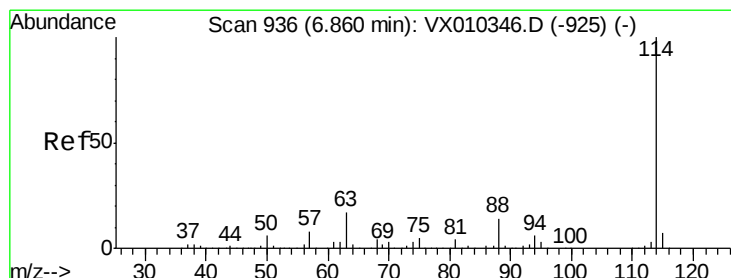
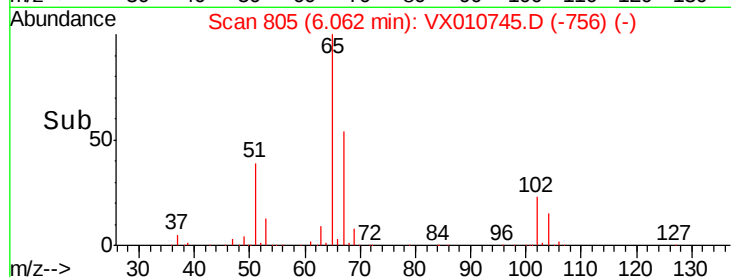
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010745.D

Acq: 09 Jul 2019 13:04

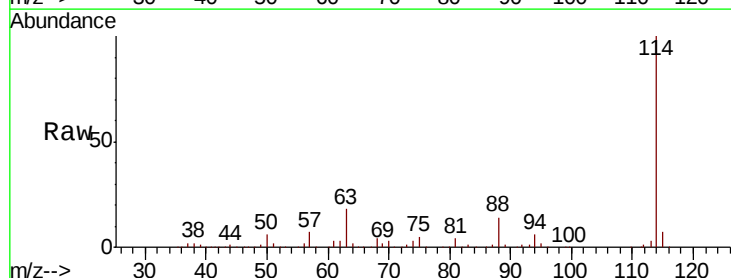
Tgt Ion: 114 Resp: 355437

Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.8

88 14.3 0.0 27.6



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

200000

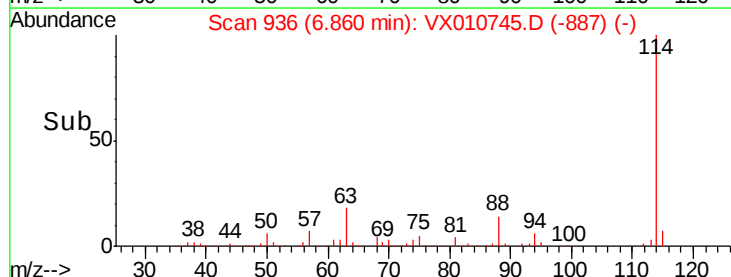
150000

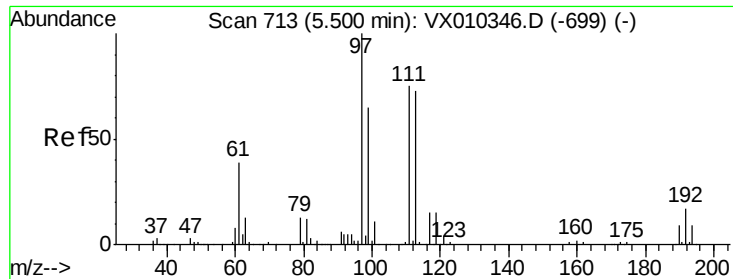
100000

50000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 50.079 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010745.D

Acq: 09 Jul 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

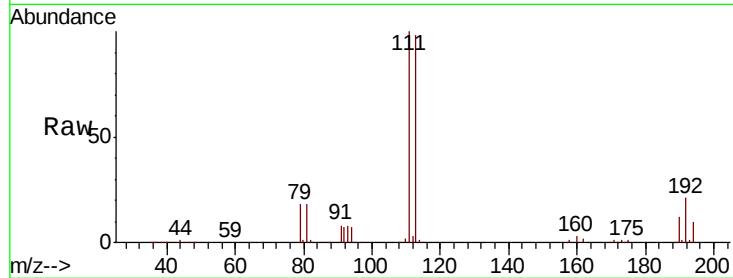
Tot Ion:113 Resp: 108907

Ion Ratio Lower Upper

113 100

111 102.4 81.2 121.8

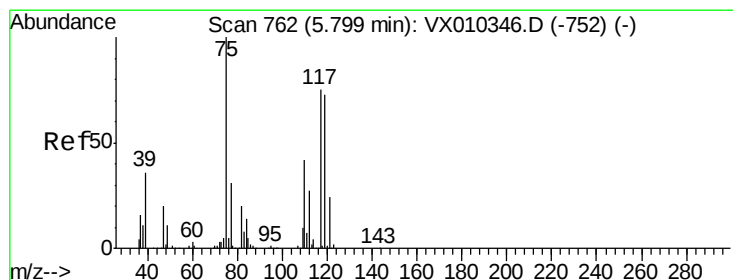
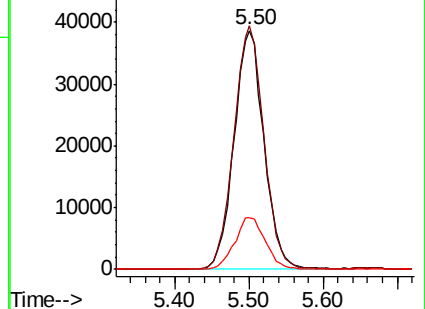
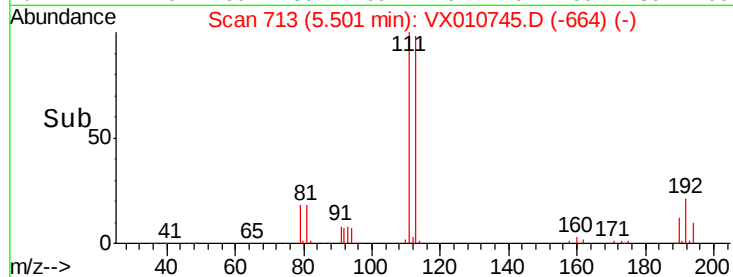
192 22.2 18.6 27.8



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: 5.132 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX010745.D

Acq: 09 Jul 2019 13:04

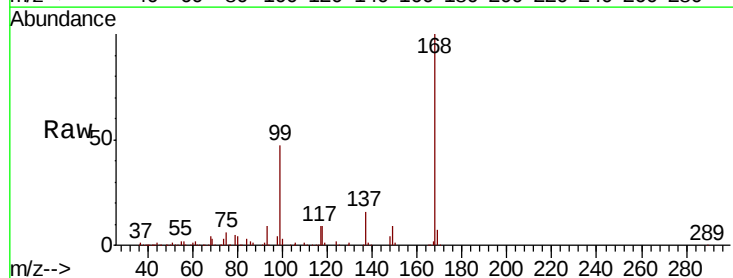
Tgt Ion: 75 Resp: 14494

Ion Ratio Lower Upper

75 100

110 10.6 20.8 62.2#

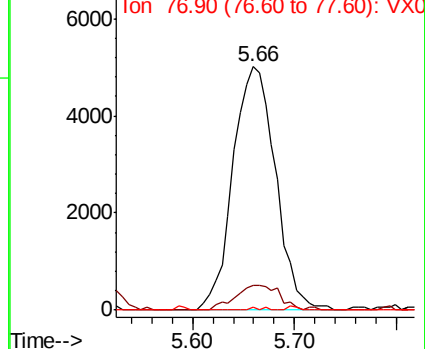
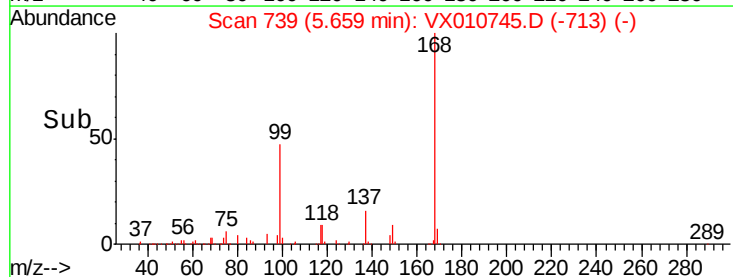
77 0.1 25.4 38.0#

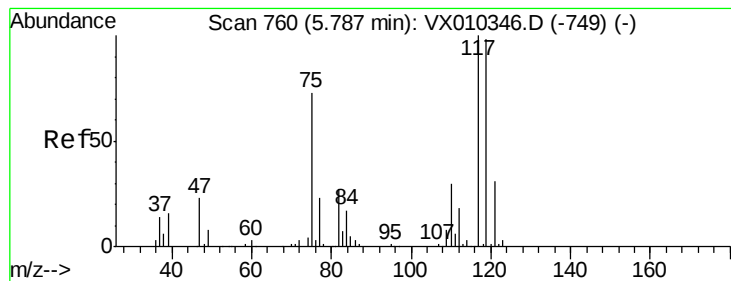


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.517 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX010745.D

Acq: 09 Jul 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

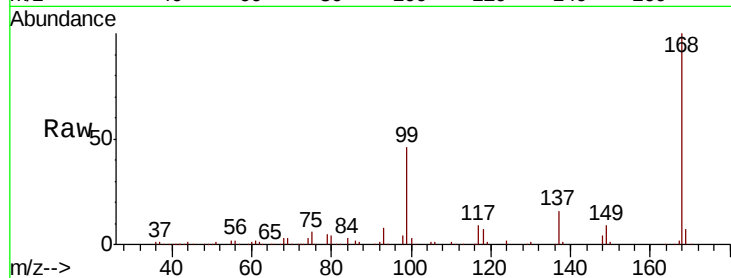
Tot Ion:117 Resp: 19933

Ion Ratio Lower Upper

117 100

119 6.0 78.2 117.4#

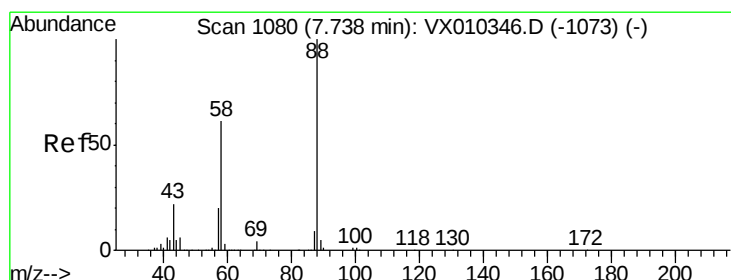
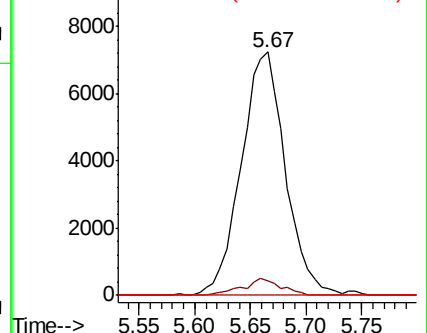
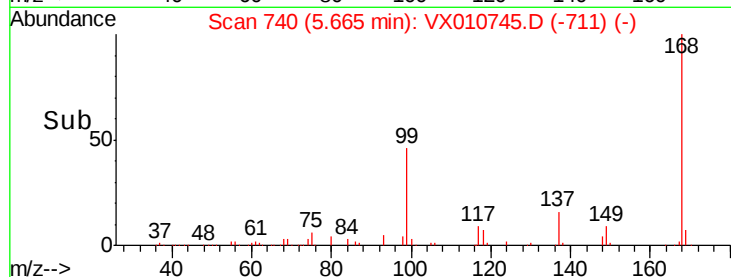
121 0.0 24.7 37.1#



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: 0.311 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010745.D

Acq: 09 Jul 2019 13:04

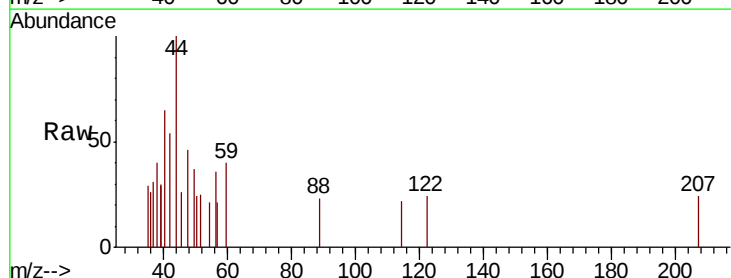
Tgt Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 510.0 20.2 30.2#

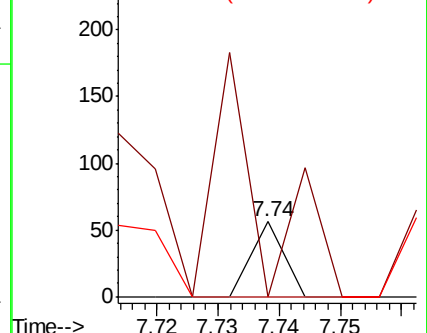
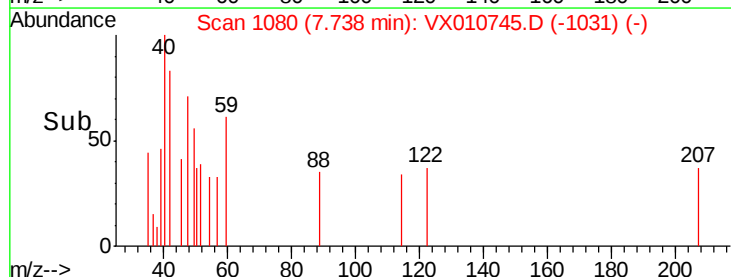
58 0.0 49.5 74.3#

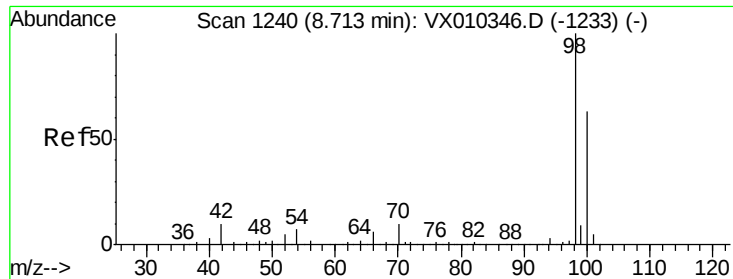


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

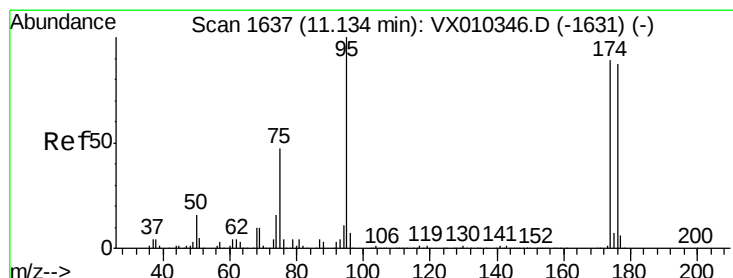
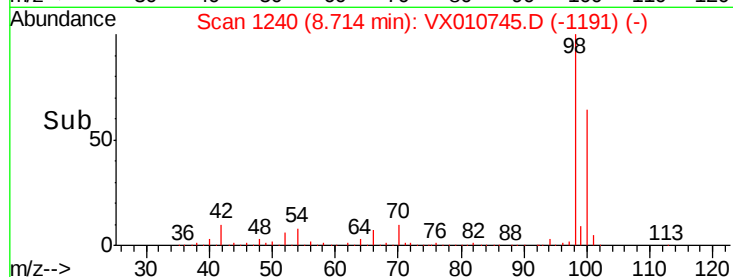
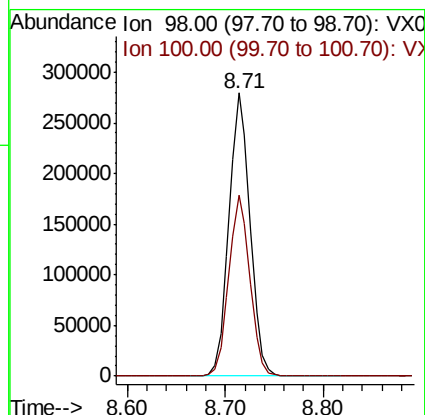
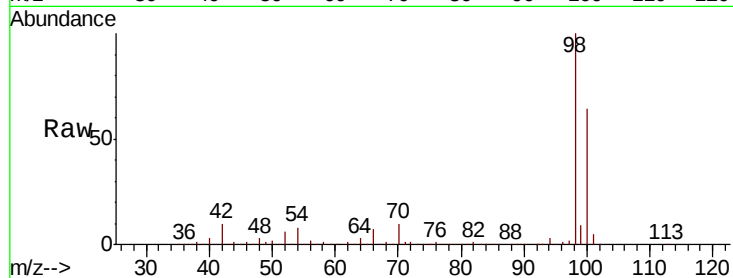




#50
Toluene-d8
Concen: 50.336 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010745.D
Acq: 09 Jul 2019 13:04

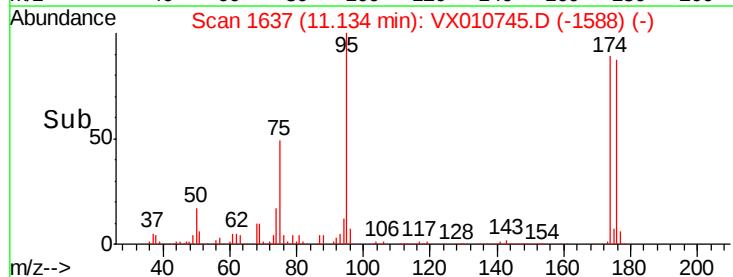
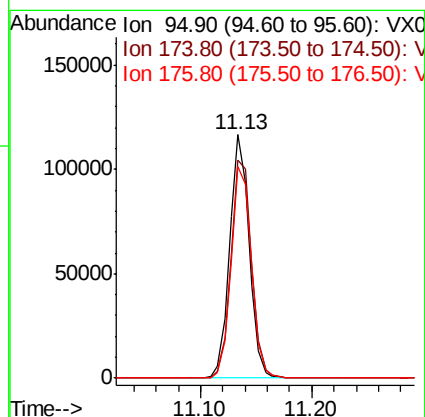
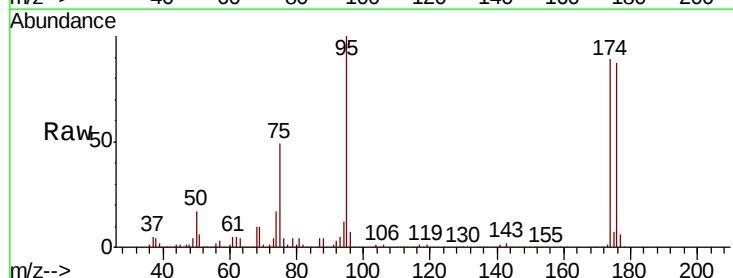
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

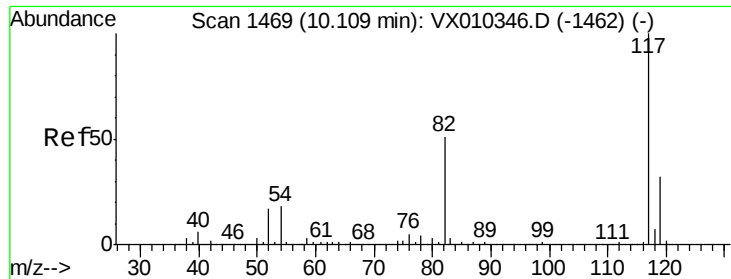
Tot Ion: 98 Resp: 418789
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 46.878 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010745.D
Acq: 09 Jul 2019 13:04

Tgt Ion: 95 Resp: 140809
Ion Ratio Lower Upper
95 100
174 94.6 0.0 187.6
176 90.7 0.0 184.0

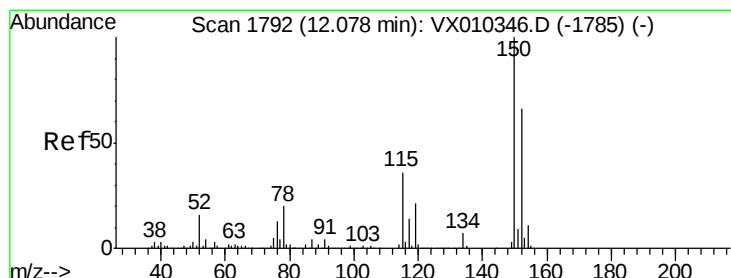
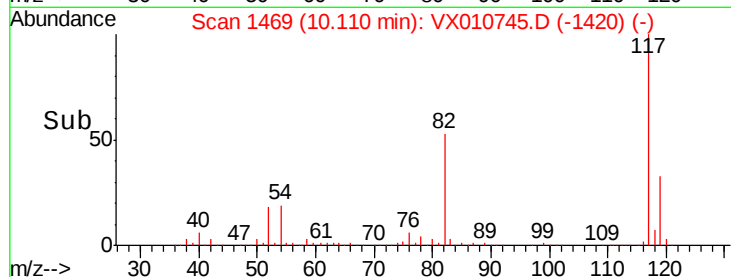
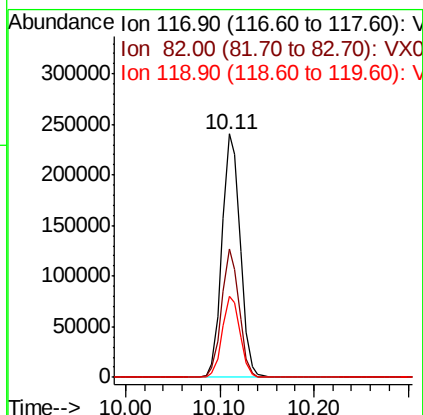
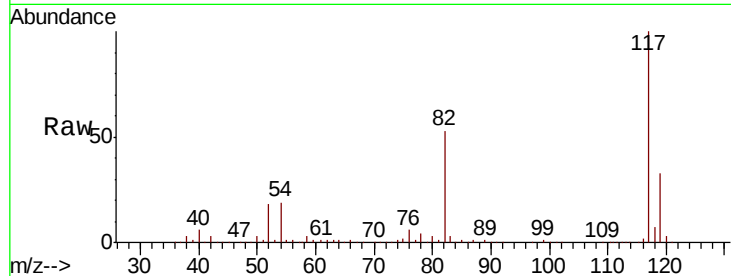




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010745.D
Acq: 09 Jul 2019 13:04

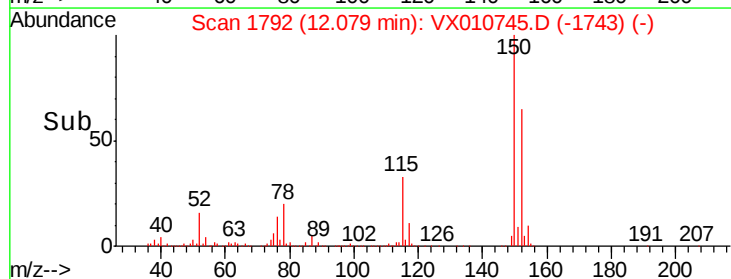
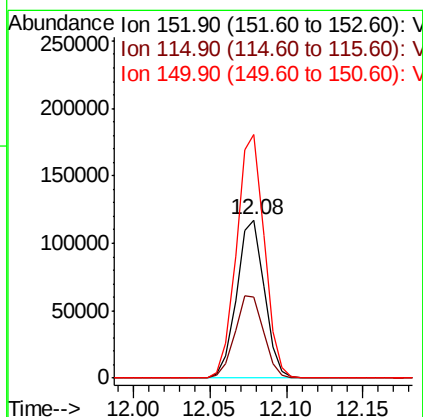
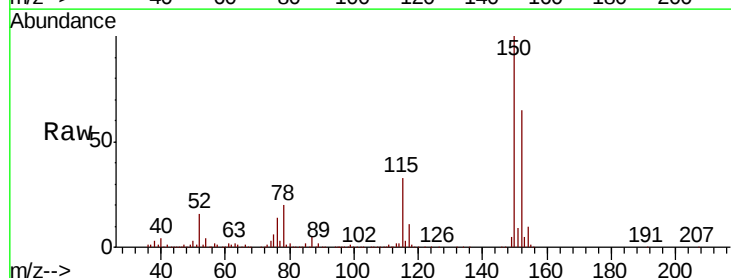
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

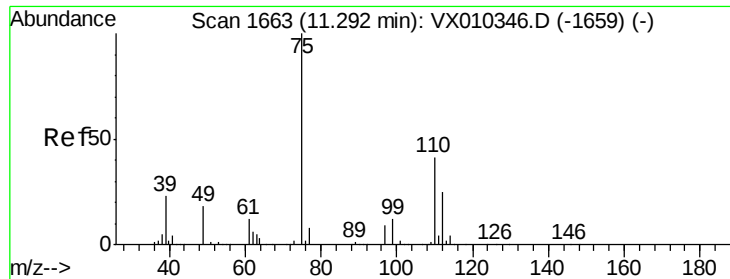
Tot Ion:117 Resp: 322349
Ion Ratio Lower Upper
117 100
82 52.9 41.2 61.8
119 33.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010745.D
Acq: 09 Jul 2019 13:04

Tgt Ion:152 Resp: 146876
Ion Ratio Lower Upper
152 100
115 54.0 38.6 115.7
150 155.6 0.0 347.4

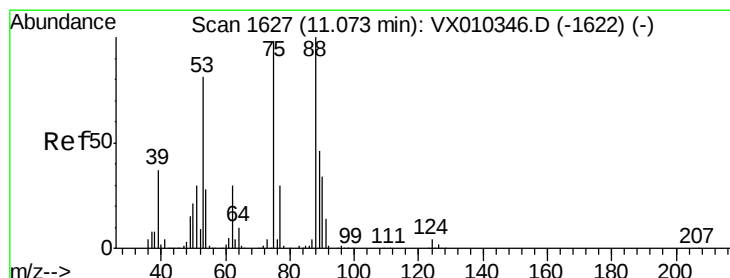
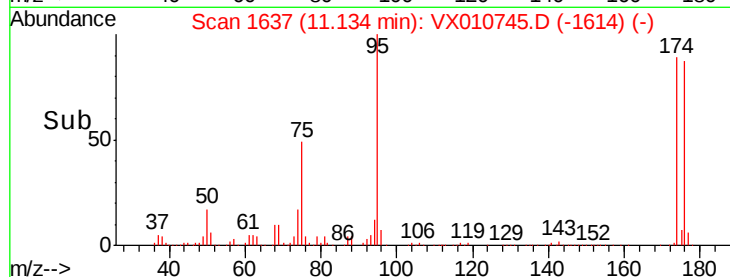
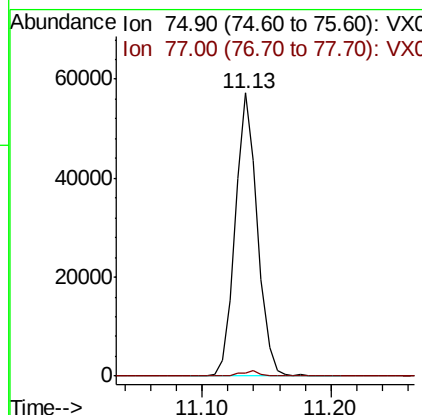
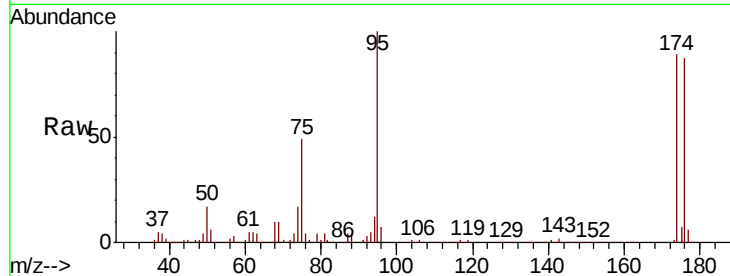




#76
 1,2,3-Trichloropropane
 Concen: 25.706 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX010745.D
 Acq: 09 Jul 2019 13:04

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

Tot Ion: 75 Resp: 68800
 Ion Ratio Lower Upper
 75 100
 77 1.6 22.6 67.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.968 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010745.D
 Acq: 09 Jul 2019 13:04

Tgt Ion: 75 Resp: 68800
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.1 99.1#
 89 0.0 37.8 56.6#

