

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062819\
 Data File : VX010531.D
 Acq On : 28 Jun 2019 13:04
 Operator : JC/SP
 Sample : K3595-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jun 29 04:37:06 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	243968	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	378385	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	345130	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	159520	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	117077	51.18	ug/l	0.00
Spiked Amount			Recovery	=	102.36%	
35) Dibromofluoromethane	5.50	113	114762	49.57	ug/l	0.00
Spiked Amount			Recovery	=	99.14%	
50) Toluene-d8	8.71	98	447080	50.48	ug/l	0.00
Spiked Amount			Recovery	=	100.96%	
62) 4-Bromofluorobenzene	11.13	95	148983	46.59	ug/l	0.00
Spiked Amount			Recovery	=	93.18%	

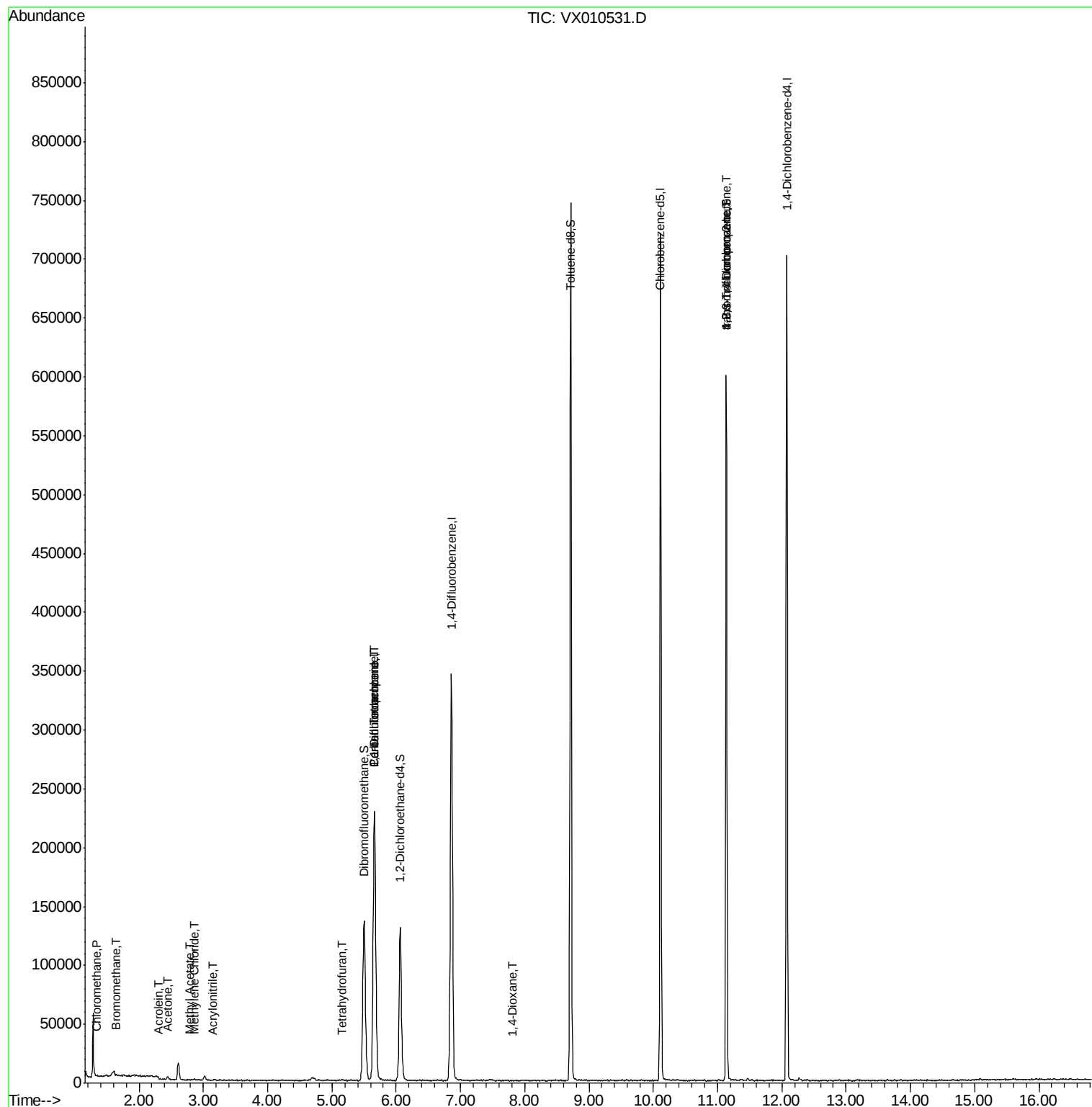
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	429	0.217	ug/l	100
5) Bromomethane	1.65	94	453	0.430	ug/l #	61
13) Acrolein	2.31	56	171	0.431	ug/l #	14
15) Acrylonitrile	3.15	53	252	0.213	ug/l #	81
16) Acetone	2.44	43	3606	3.146	ug/l	92
18) Methyl Acetate	2.79	43	503	0.220	ug/l #	86
20) Methylene Chloride	2.86	84	635	0.269	ug/l #	70
29) Tetrahydrofuran	5.15	42	457	0.439	ug/l	97
36) 1,1-Dichloropropene	5.67	75	15162	5.042	ug/l #	48
38) Carbon Tetrachloride	5.65	117	21303	6.543	ug/l #	15
49) 1,4-Dioxane	7.81	88	41	0.598	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	72169	24.827	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	72169	57.919	ug/l #	16

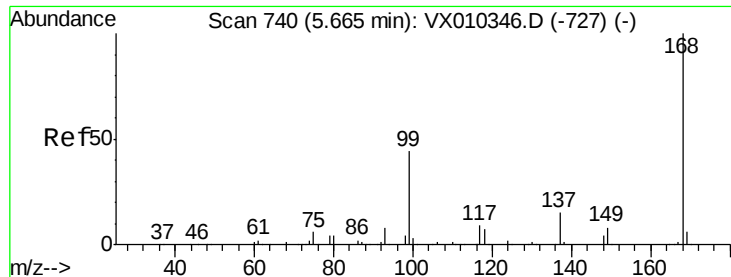
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010531.D

Acq: 28 Jun 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

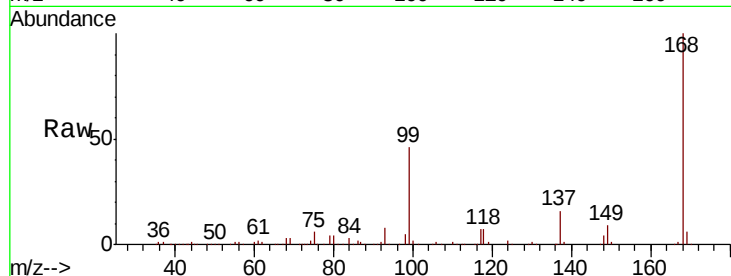
STORAGE-BLANK-WATER-REF-4

Tot Ion:168 Resp: 243968

Ion Ratio Lower Upper

168 100

99 46.1 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

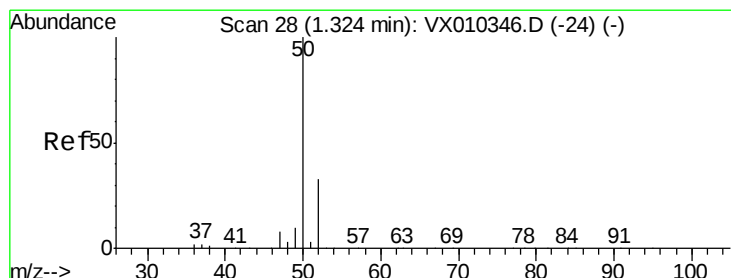
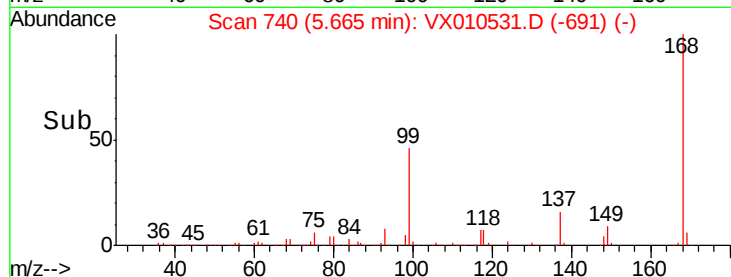
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.217 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010531.D

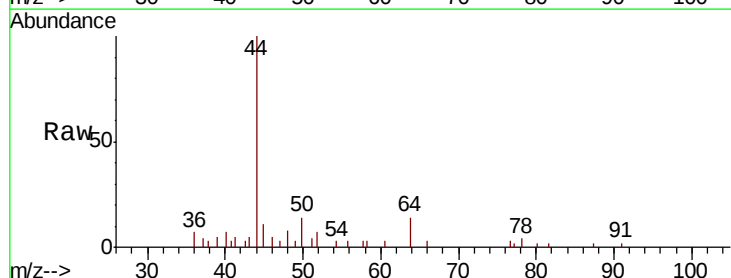
Acq: 28 Jun 2019 13:04

Tgt Ion: 50 Resp: 429

Ion Ratio Lower Upper

50 100

52 33.0 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

400

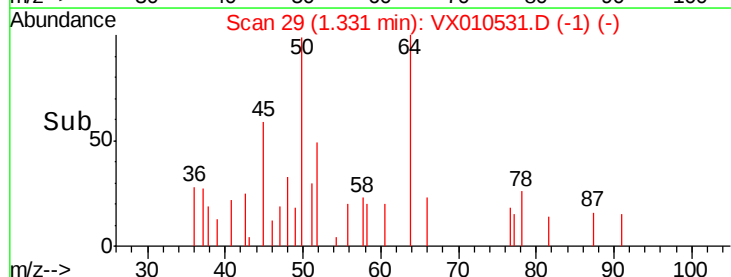
300

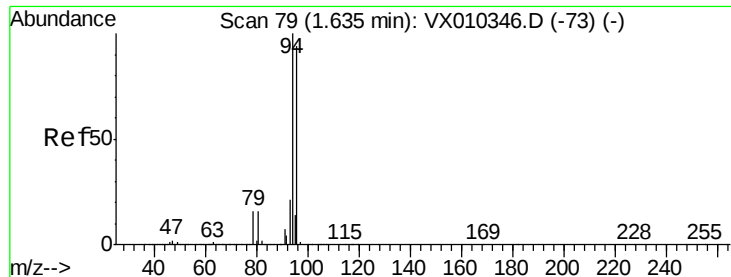
200

100

0

Time--> 1.30 1.32 1.34 1.36





#5

Bromomethane

Concen: 0.430 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX010531.D

Acq: 28 Jun 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

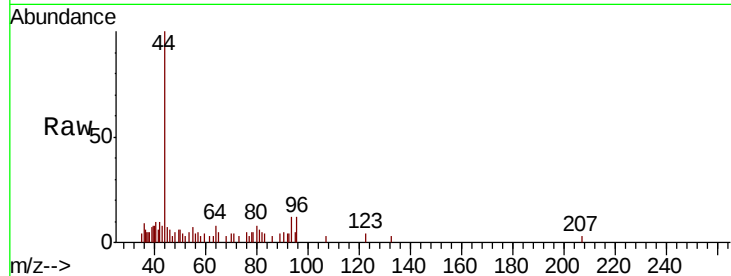
STORAGE-BLANK-WATER-REF-4

Tot Ion: 94 Resp: 453

Ion Ratio Lower Upper

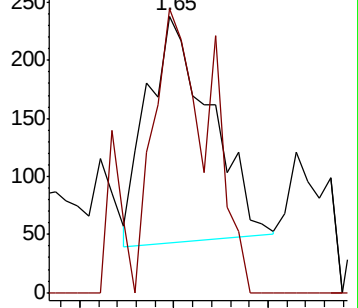
94 100

96 131.9 75.5 113.3#

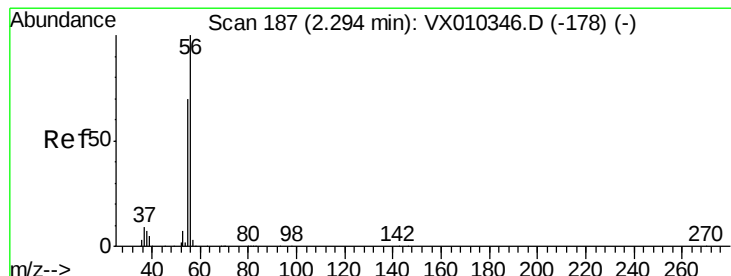
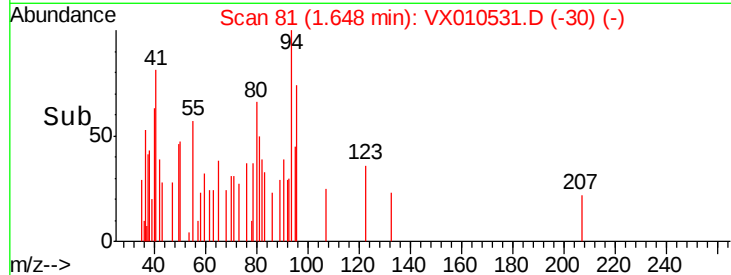


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#13

Acrolein

Concen: 0.431 ug/l

RT: 2.31 min Scan# 189

Delta R.T. 0.01 min

Lab File: VX010531.D

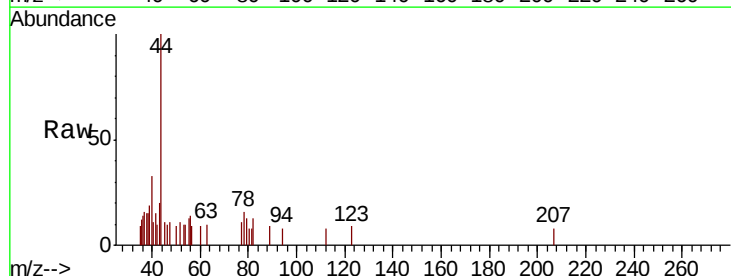
Acq: 28 Jun 2019 13:04

Tgt Ion: 56 Resp: 171

Ion Ratio Lower Upper

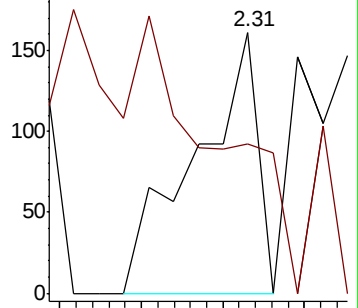
56 100

55 0.0 56.9 85.3#

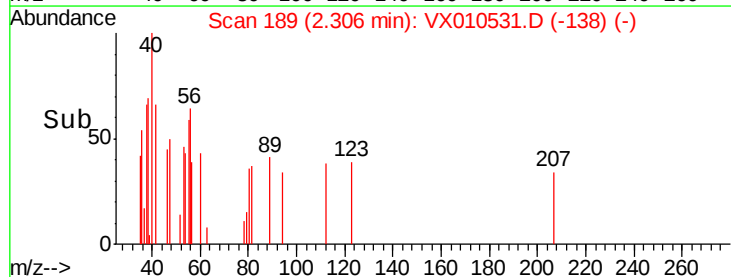


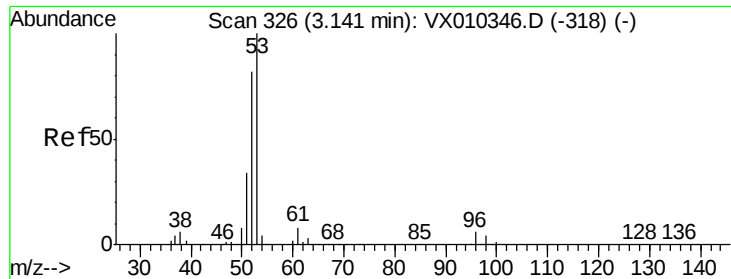
Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->





#15

Acrylonitrile

Concen: 0.213 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX010531.D

Acq: 28 Jun 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

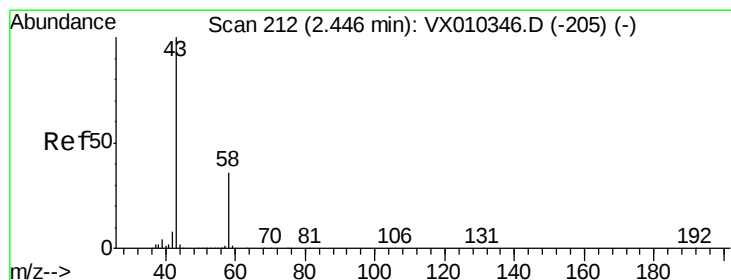
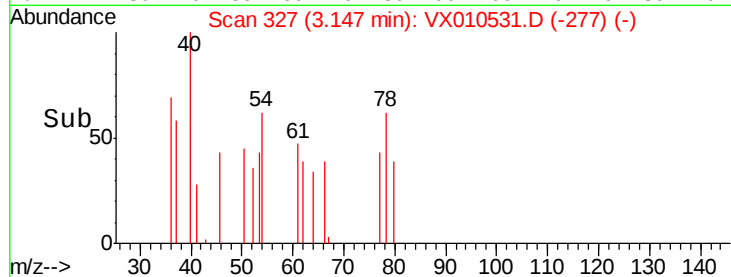
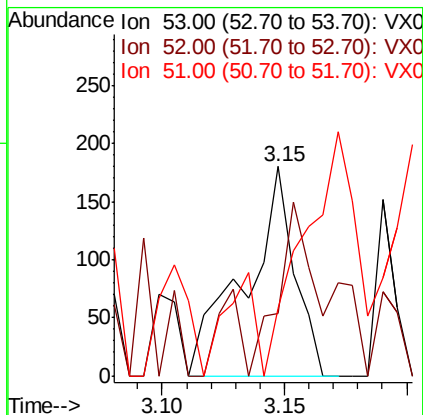
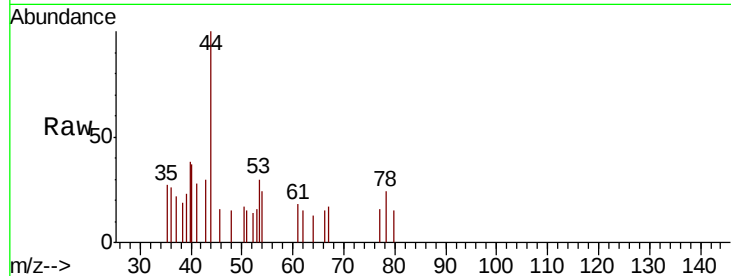
Tot Ion: 53 Resp: 252

Ion Ratio Lower Upper

53 100

52 81.0 65.5 98.3

51 0.0 28.2 42.4#



#16

Acetone

Concen: 3.146 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010531.D

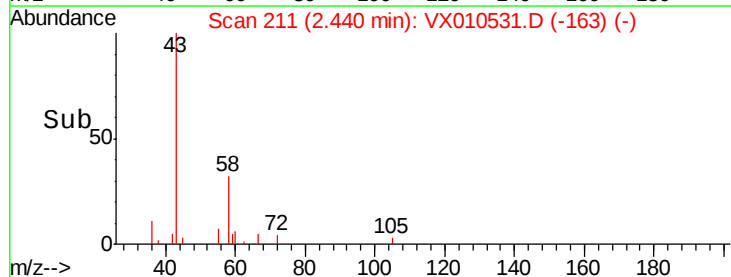
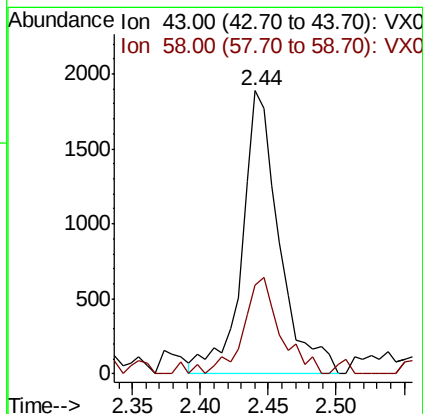
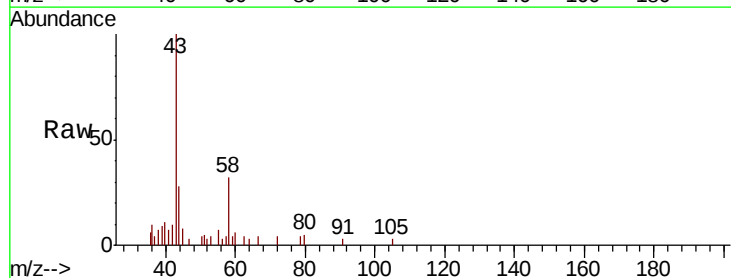
Acq: 28 Jun 2019 13:04

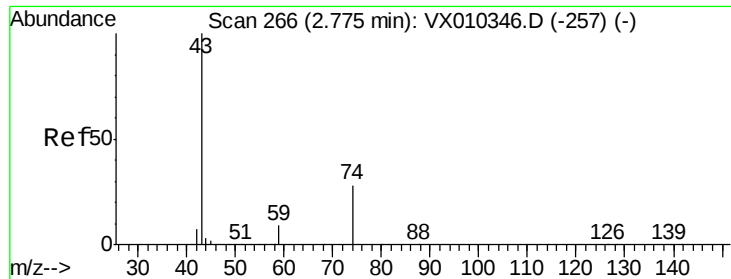
Tgt Ion: 43 Resp: 3606

Ion Ratio Lower Upper

43 100

58 31.6 28.9 43.3

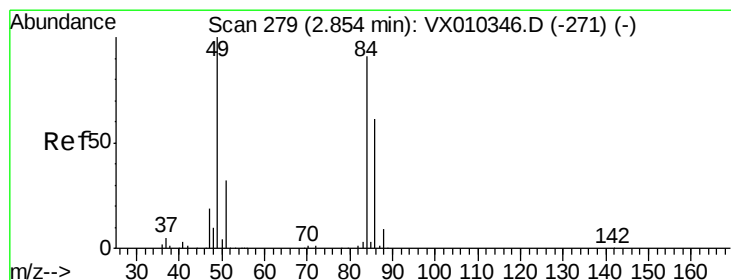
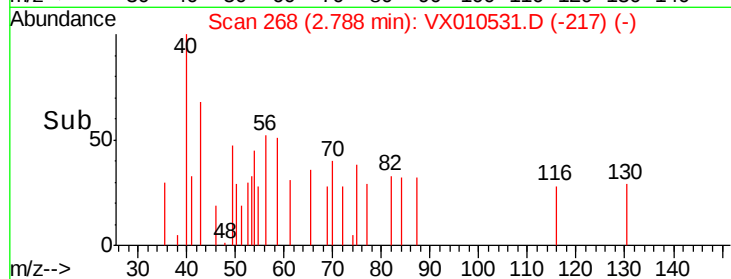
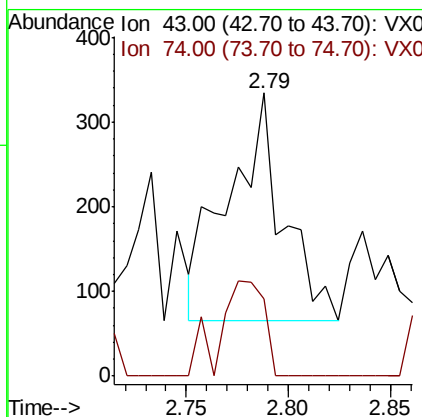
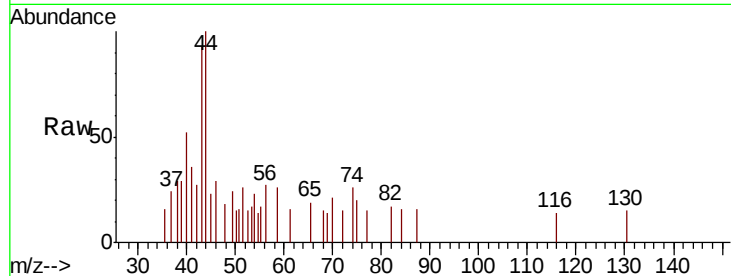




#18
Methyl Acetate
Concen: 0.220 ug/l
RT: 2.79 min Scan# 268
Delta R.T. 0.01 min
Lab File: VX010531.D
Acq: 28 Jun 2019 13:04

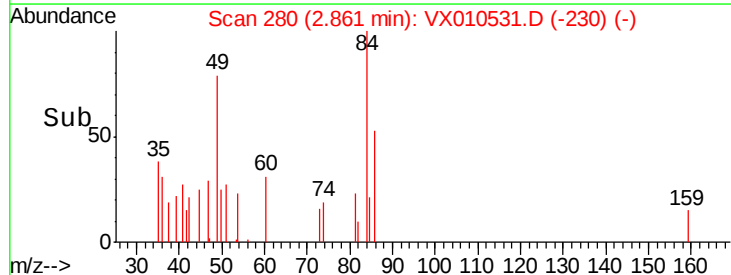
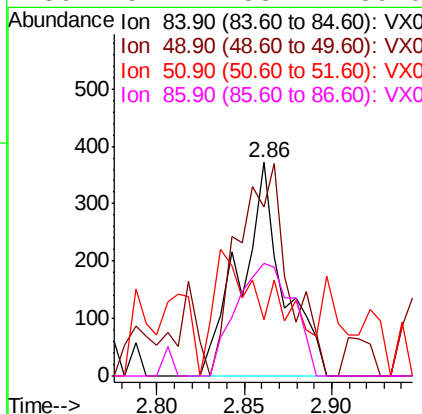
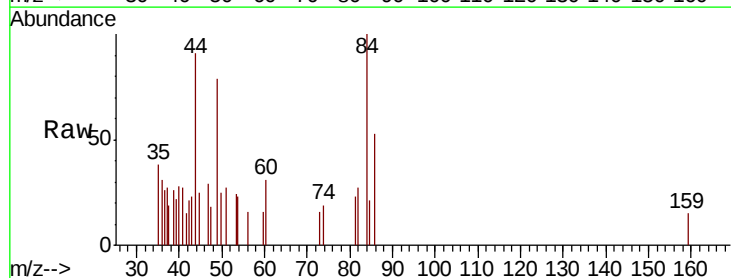
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

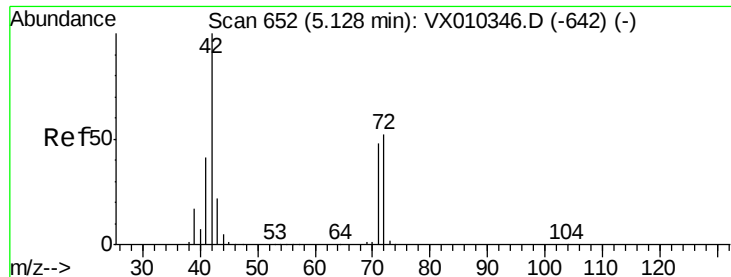
Tot Ion: 43 Resp: 503
Ion Ratio Lower Upper
43 100
74 33.6 21.3 31.9#



#20
Methylene Chloride
Concen: 0.269 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010531.D
Acq: 28 Jun 2019 13:04

Tgt Ion: 84 Resp: 635
Ion Ratio Lower Upper
84 100
49 79.0 87.5 131.3#
51 0.0 27.7 41.5#
86 52.7 53.4 80.0#

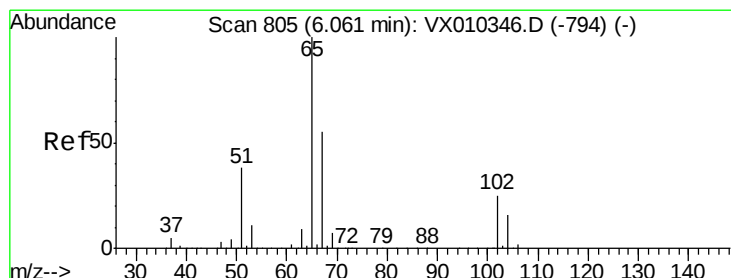
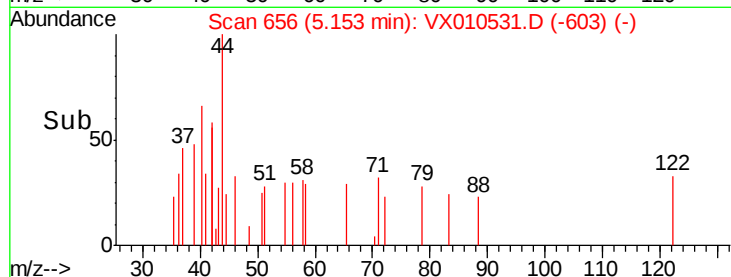
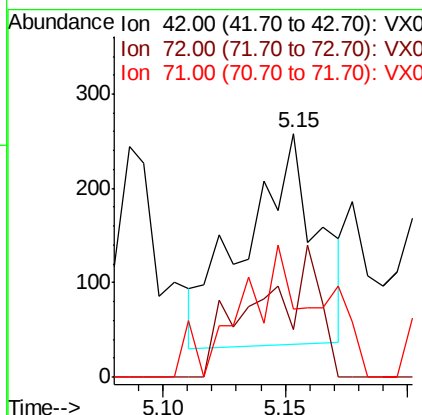
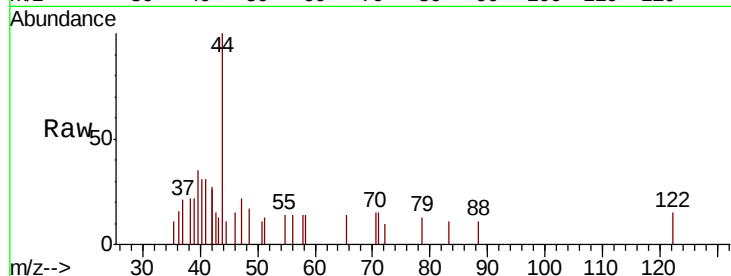




#29
Tetrahydrofuran
Concen: 0.439 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.02 min
Lab File: VX010531.D
Acq: 28 Jun 2019 13:04

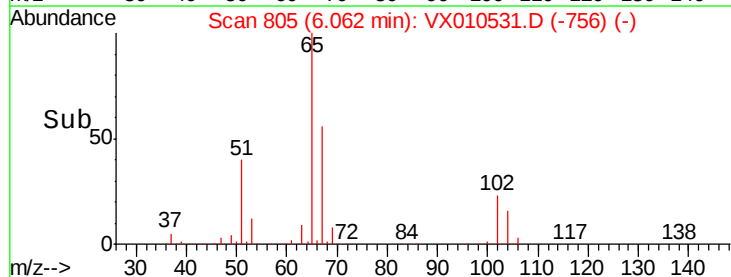
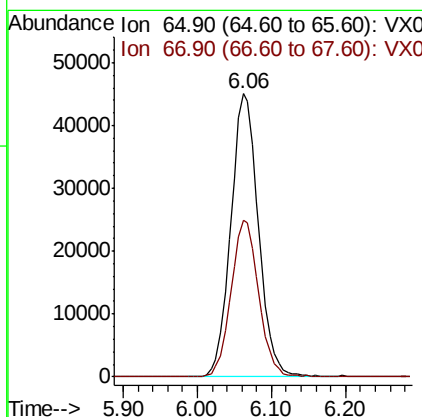
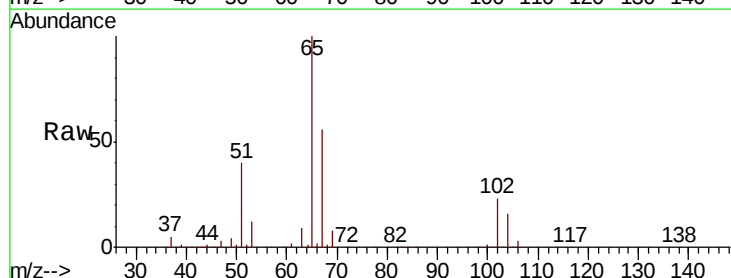
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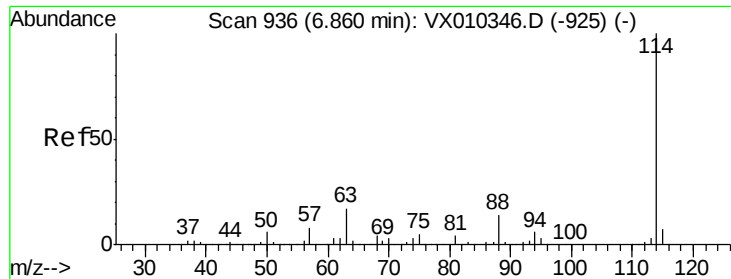
Tot Ion: 42 Resp: 457
Ion Ratio Lower Upper
42 100
72 52.7 40.6 60.8
71 44.6 37.8 56.8



#33
1,2-Dichloroethane-d4
Concen: 51.182 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010531.D
Acq: 28 Jun 2019 13:04

Tgt Ion: 65 Resp: 117077
Ion Ratio Lower Upper
65 100
67 55.5 0.0 110.2

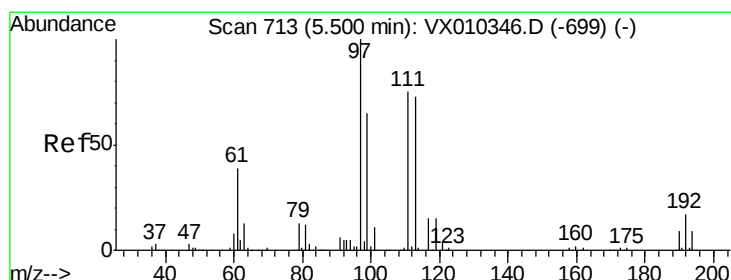
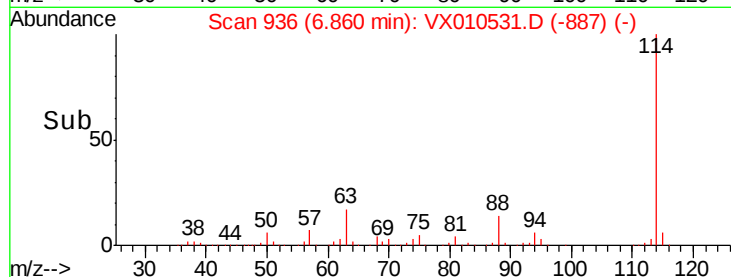
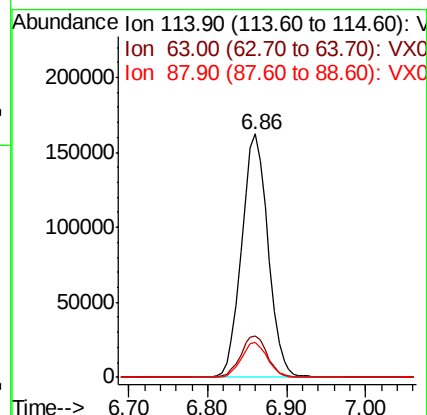
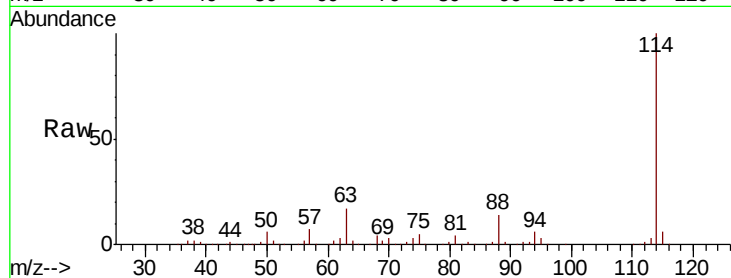




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX010531.D
Acq: 28 Jun 2019 13:04

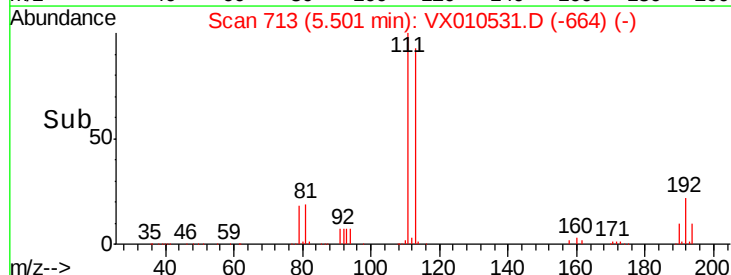
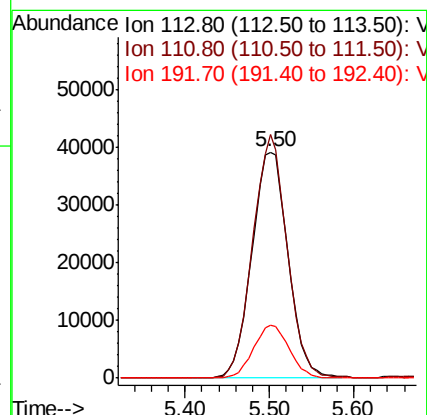
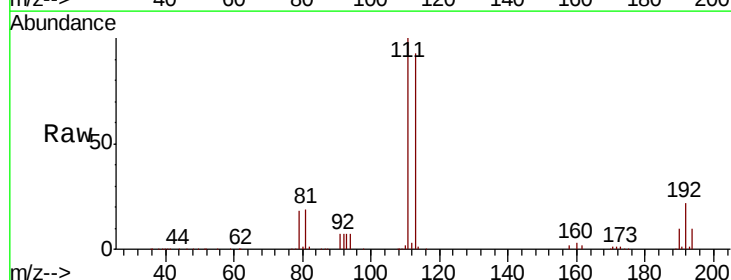
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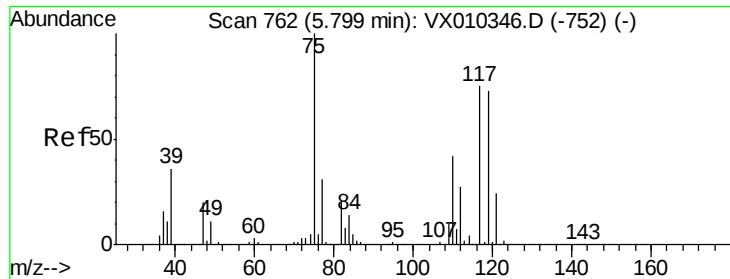
Tot Ion:114 Resp: 378385
Ion Ratio Lower Upper
114 100
63 16.9 0.0 33.8
88 14.4 0.0 27.6



#35
Dibromofluoromethane
Concen: 49.571 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010531.D
Acq: 28 Jun 2019 13:04

Tgt Ion:113 Resp: 114762
Ion Ratio Lower Upper
113 100
111 102.1 81.2 121.8
192 23.1 18.6 27.8

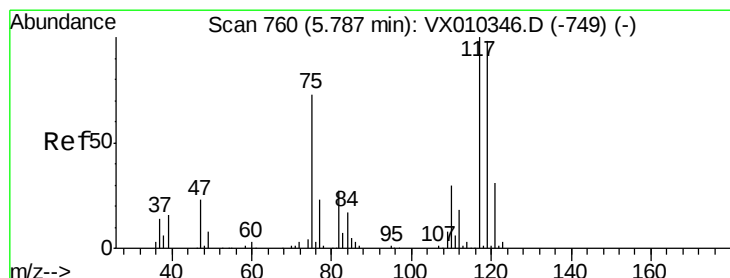
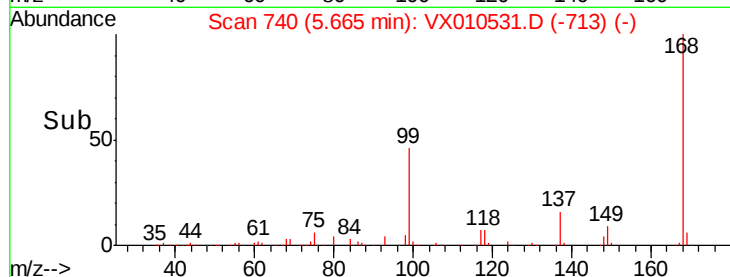
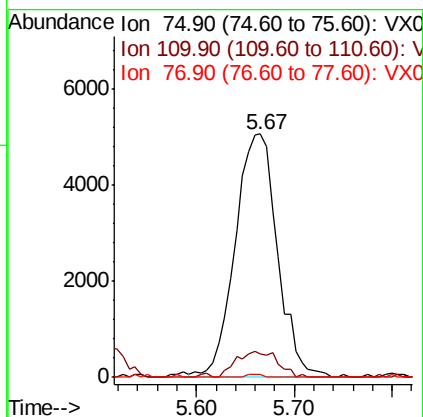
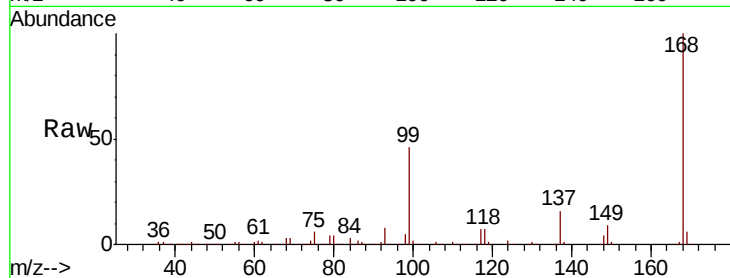




#36
 1,1-Dichloropropene
 Concen: 5.042 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX010531.D
 Acq: 28 Jun 2019 13:04

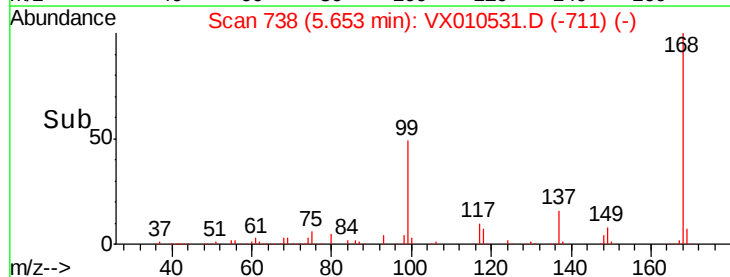
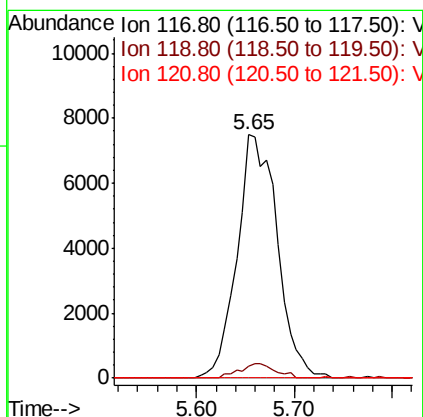
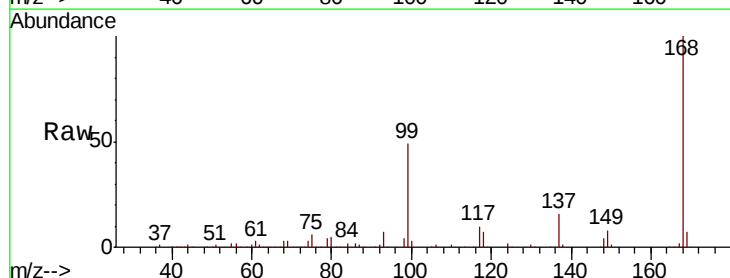
Instrument :
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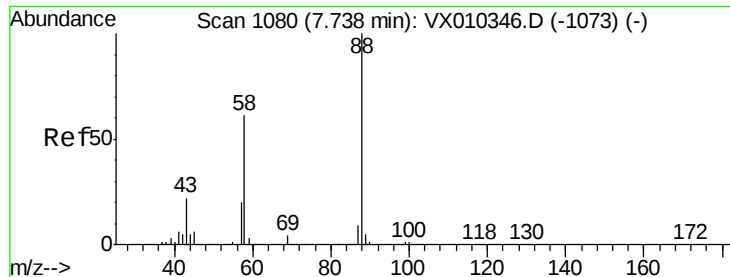
Tot Ion: 75 Resp: 15162
 Ion Ratio Lower Upper
 75 100
 110 10.5 20.8 62.2#
 77 0.4 25.4 38.0#



#38
 Carbon Tetrachloride
 Concen: 6.543 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.13 min
 Lab File: VX010531.D
 Acq: 28 Jun 2019 13:04

Tgt Ion: 117 Resp: 21303
 Ion Ratio Lower Upper
 117 100
 119 4.9 78.2 117.4#
 121 0.0 24.7 37.1#

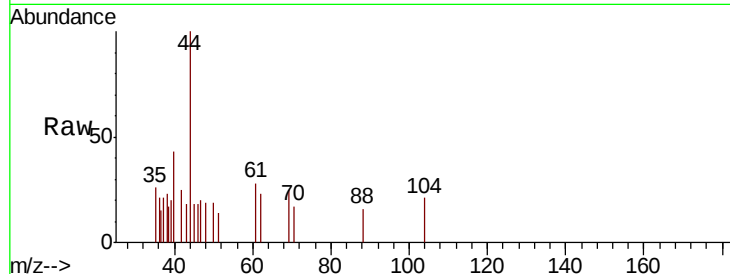




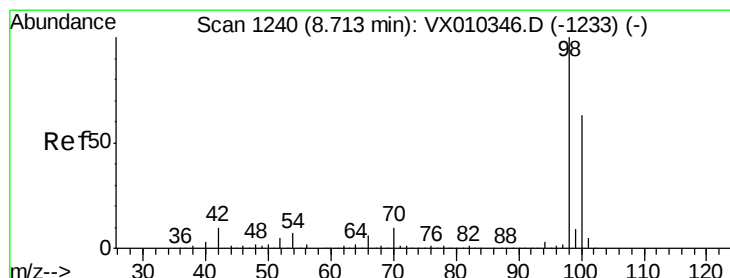
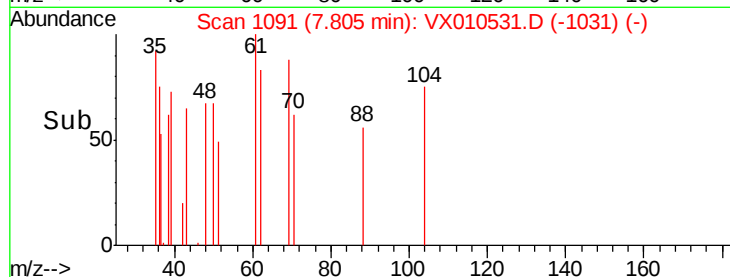
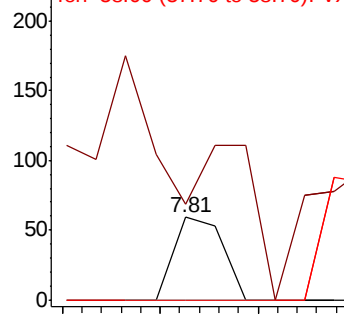
#49
1,4-Dioxane
Concen: 0.598 ug/l
RT: 7.81 min Scan# 1091
Delta R.T. 0.07 min
Lab File: VX010531.D
Acq: 28 Jun 2019 13:04

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

Tot Ion: 88 Resp: 41
Ion Ratio Lower Upper
88 100
43 582.9 20.2 30.2#
58 0.0 49.5 74.3#

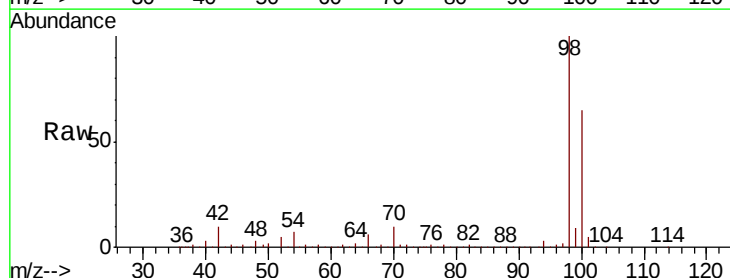


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

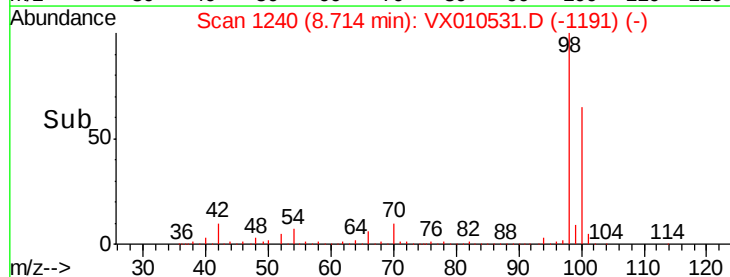
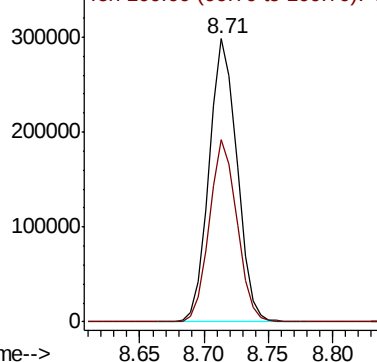


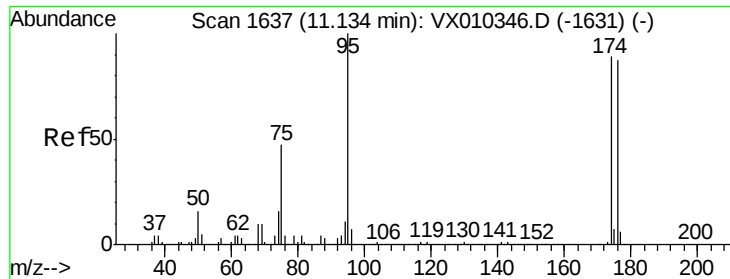
#50
Toluene-d8
Concen: 50.477 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010531.D
Acq: 28 Jun 2019 13:04

Tgt Ion: 98 Resp: 447080
Ion Ratio Lower Upper
98 100
100 63.7 51.6 77.4



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

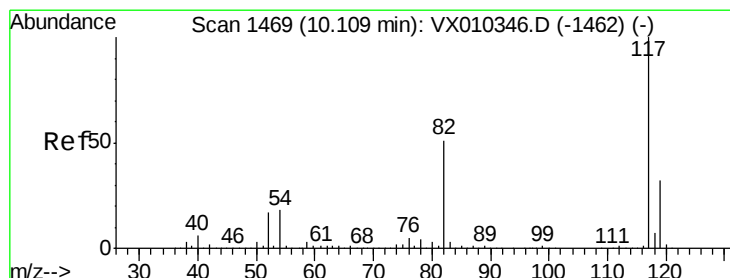
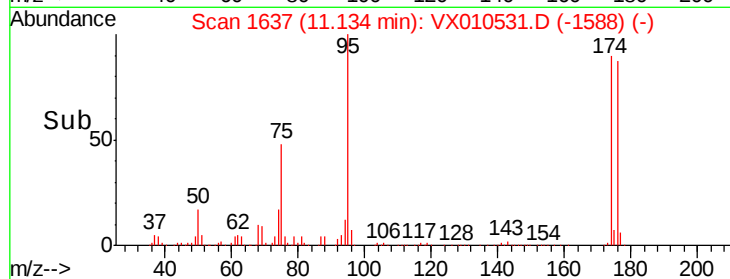
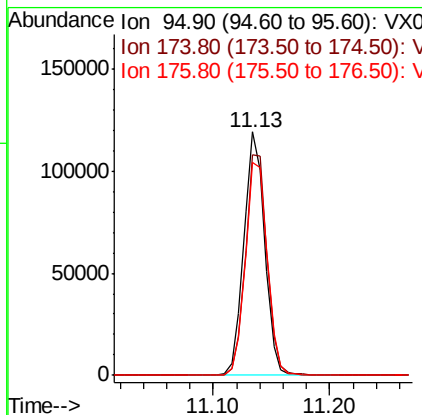
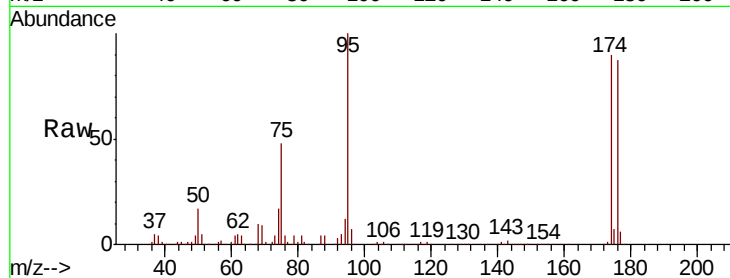




#62
4-Bromofluorobenzene
Concen: 46.591 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010531.D
Acq: 28 Jun 2019 13:04

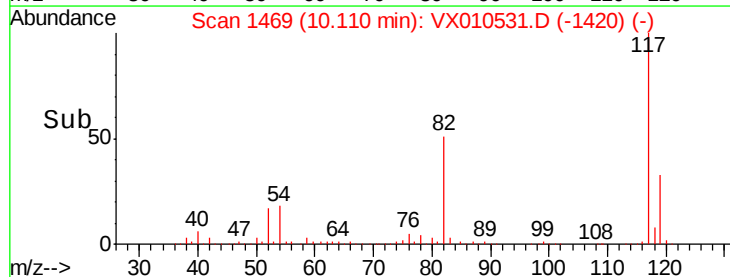
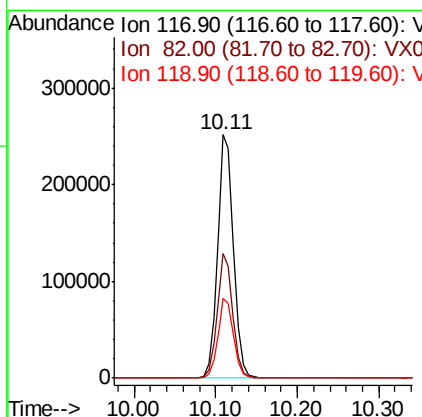
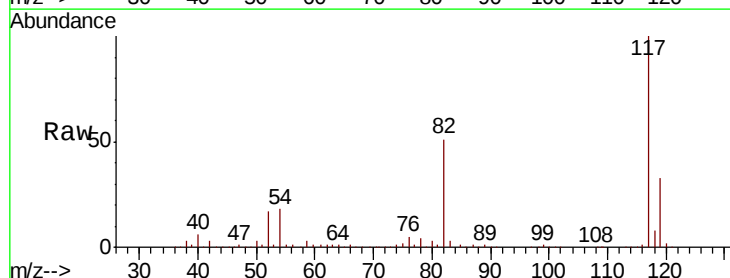
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

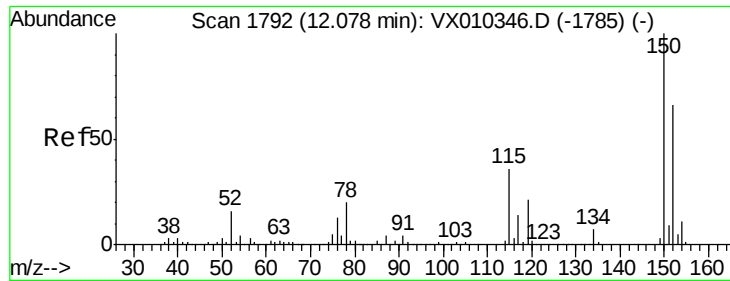
Tot Ion	95	Resp	148983
Ion	Ratio	Lower	Upper
95	100		
174	94.8	0.0	187.6
176	92.6	0.0	184.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010531.D
Acq: 28 Jun 2019 13:04

Tgt Ion	117	Resp	345130
Ion	Ratio	Lower	Upper
117	100		
82	51.1	41.2	61.8
119	33.0	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: VX010531.D

Acq: 28 Jun 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

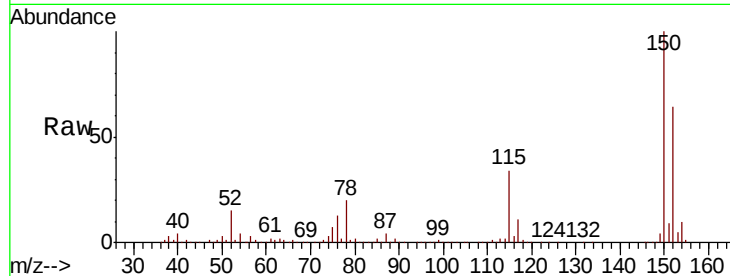
Tot Ion:152 Resp: 159520

Ion Ratio Lower Upper

152 100

115 54.6 38.6 115.7

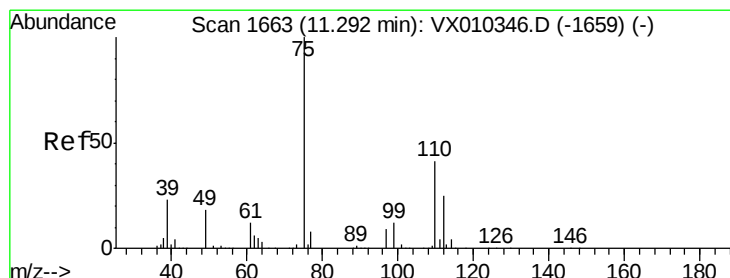
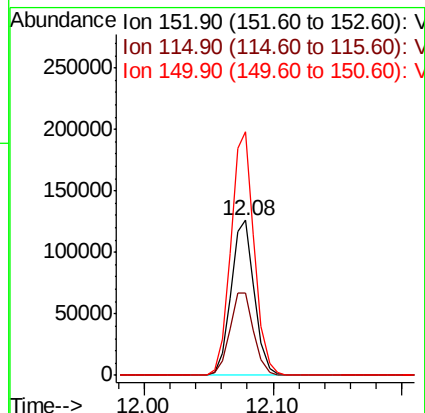
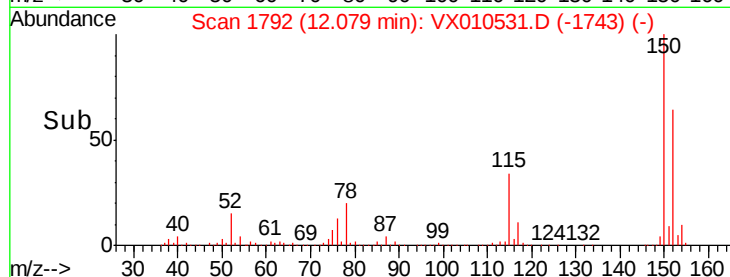
150 157.0 0.0 347.4



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: 24.827 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010531.D

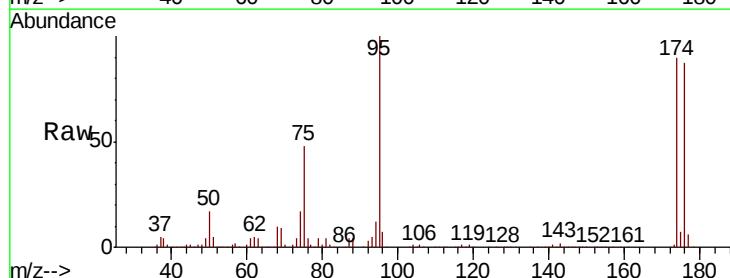
Acq: 28 Jun 2019 13:04

Tgt Ion: 75 Resp: 72169

Ion Ratio Lower Upper

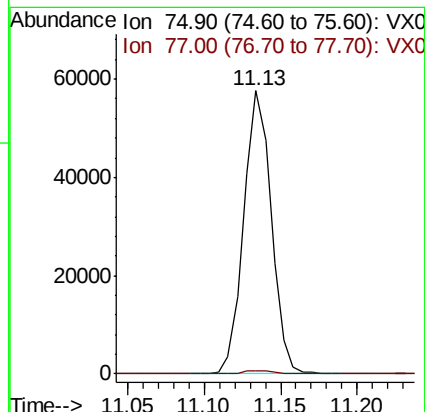
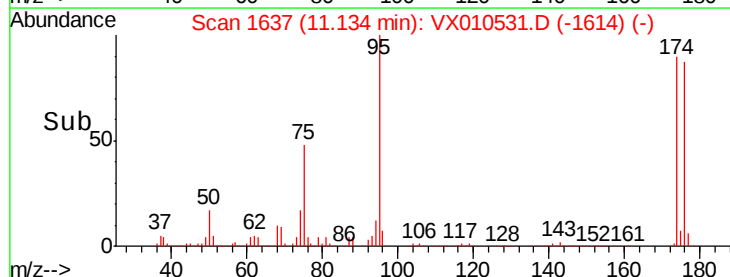
75 100

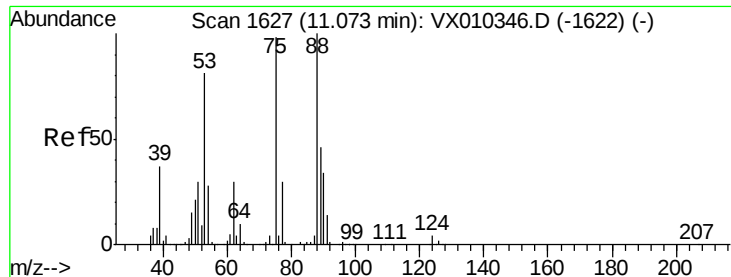
77 1.5 22.6 67.8#



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: 57.919 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010531.D
 Acq: 28 Jun 2019 13:04

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

Tot Ion: 75 Resp: 72169
 Ion Ratio Lower Upper
 75 100
 53 0.3 66.1 99.1#
 89 0.0 37.8 56.6#

