

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101719\
 Data File : VX013108.D
 Acq On : 17 Oct 2019 15:34
 Operator : JC/SP
 Sample : K5407-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DEVELOPMENT-WATER

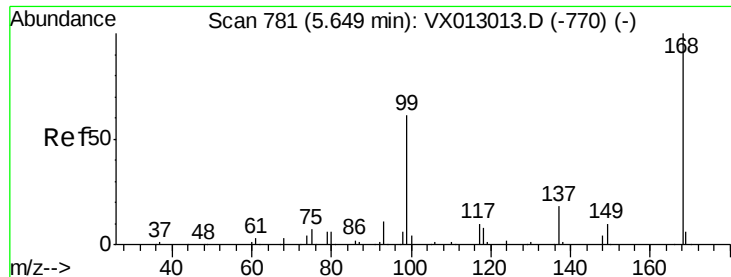
Quant Time: Oct 18 08:03:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 07:26:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	167149	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	266951	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	226036	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	90336	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	102251	48.94	ug/l	0.00
Spiked Amount			Recovery	=	97.88%	
35) Dibromofluoromethane	5.49	113	80376	52.46	ug/l	0.00
Spiked Amount			Recovery	=	104.92%	
50) Toluene-d8	8.71	98	309938	51.87	ug/l	0.00
Spiked Amount			Recovery	=	103.74%	
62) 4-Bromofluorobenzene	11.14	95	104511	45.01	ug/l	0.00
Spiked Amount			Recovery	=	90.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	83896	45.245	ug/l	99
4) Vinyl Chloride	1.40	62	1009	0.527	ug/l #	88
5) Bromomethane	1.64	94	1204	1.513	ug/l #	68
6) Chloroethane	1.72	64	346	0.661	ug/l #	43
9) 1,1,2-Trichlorotrifluoroet	2.38	101	793	0.474	ug/l	91
10) Methyl Iodide	2.51	142	1014	5.563	ug/l #	94
11) Tert butyl alcohol	3.03	59	1040	1.878	ug/l #	72
12) 1,1-Dichloroethene	2.36	96	5802	3.435	ug/l	81
16) Acetone	2.44	43	3161	2.871	ug/l	94
19) Methyl tert-butyl Ether	3.19	73	9329	1.599	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	1124	0.621	ug/l	86
24) 1,1-Dichloroethane	3.69	63	48880	15.074	ug/l	99
25) 2-Butanone	4.69	43	367	0.240	ug/l #	49
27) cis-1,2-Dichloroethene	4.59	96	216190	103.596	ug/l	88
29) Tetrahydrofuran	5.12	42	276	0.294	ug/l #	46
31) Cyclohexane	5.65	56	3290	1.085	ug/l #	1
32) 1,1,1-Trichloroethane	5.47	97	3333	1.182	ug/l #	49
36) 1,1-Dichloropropene	5.65	75	12841	5.471	ug/l #	48
38) Carbon Tetrachloride	5.65	117	17062	7.469	ug/l #	17
39) Methylcyclohexane	7.21	83	1414	0.497	ug/l #	1
42) 1,2-Dichloroethane	6.18	62	894	0.359	ug/l #	73
44) Trichloroethene	7.21	130	113480	59.034	ug/l	96
49) 1,4-Dioxane	7.74	88	2028	70.608	ug/l #	84
60) Dibromochloromethane	9.33	129	13045	8.288	ug/l #	10
64) Tetrachloroethene	9.33	164	13861	8.841	ug/l	96
71) Bromoform	10.86	173	99	3.203	ug/l #	29
76) 1,2,3-Trichloropropane	11.13	75	53419	26.661	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	53419	67.042	ug/l #	10

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX013108.D

Acq: 17 Oct 2019 15:34

Instrument :

MSVOA_X

ClientSampleId :

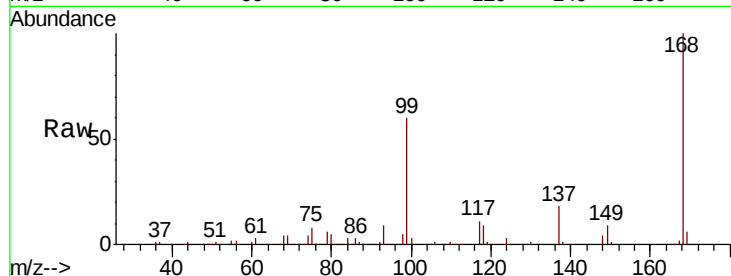
DEVELOPMENT-WATER

Tot Ion:168 Resp: 167149

Ion Ratio Lower Upper

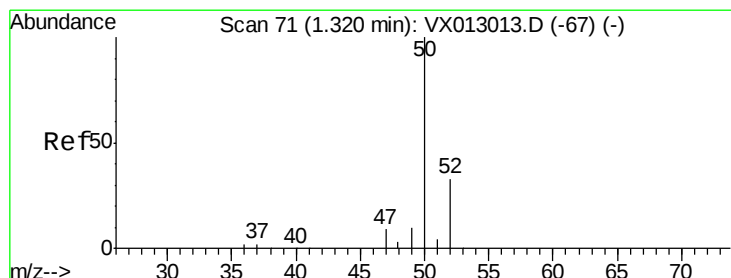
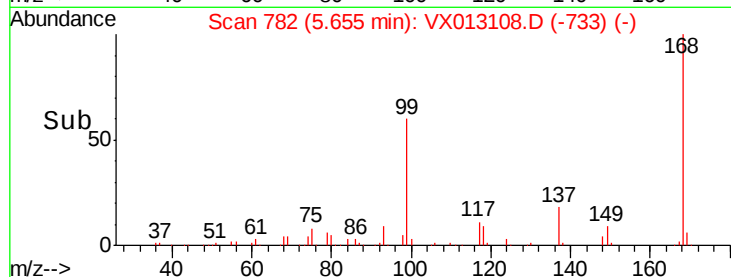
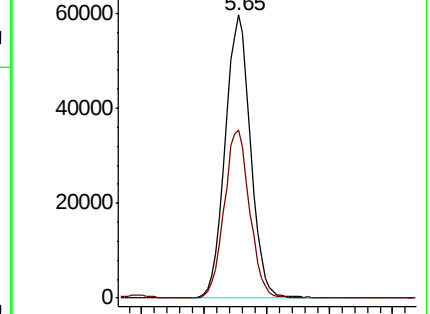
168 100

99 59.5 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 45.245 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013108.D

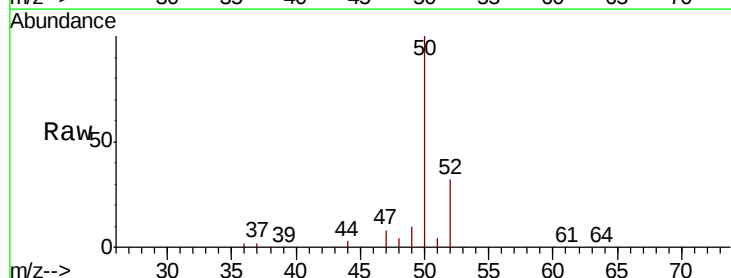
Acq: 17 Oct 2019 15:34

Tgt Ion: 50 Resp: 83896

Ion Ratio Lower Upper

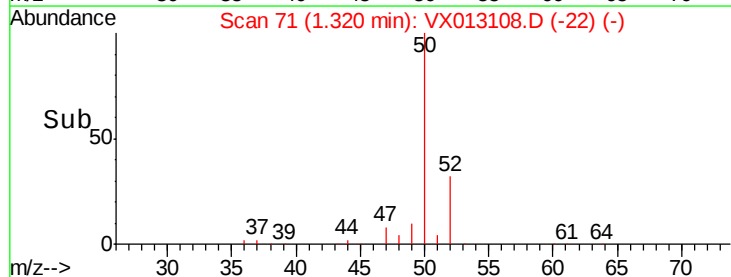
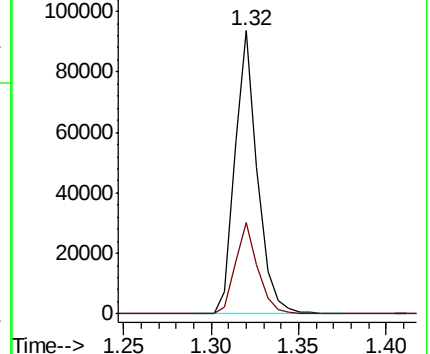
50 100

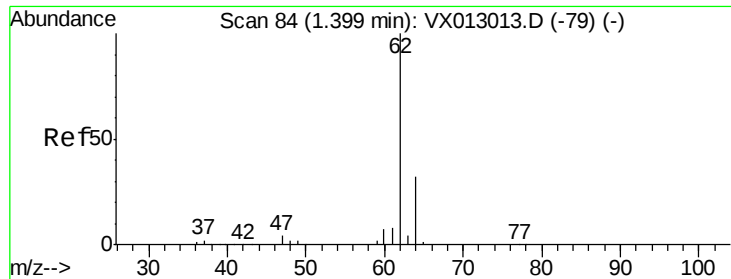
52 32.3 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 0.527 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013108.D

Acq: 17 Oct 2019 15:34

Instrument :

MSVOA_X

ClientSampleId :

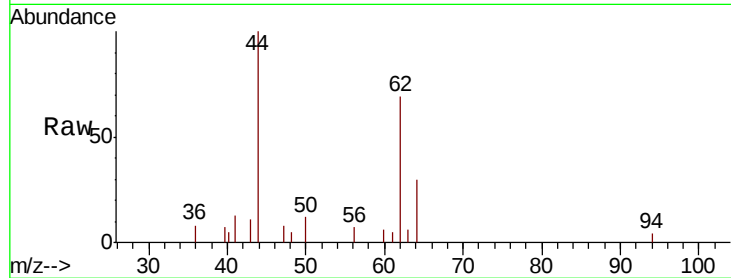
DEVELOPMENT-WATER

Tot Ion: 62 Resp: 1009

Ion Ratio Lower Upper

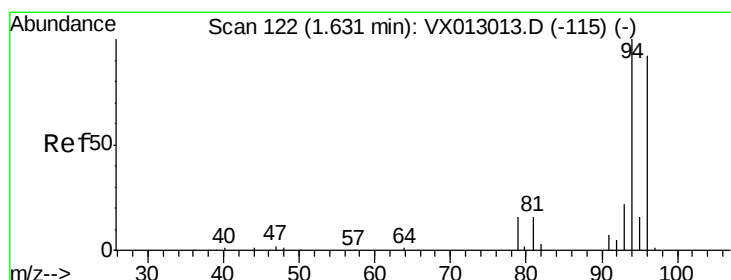
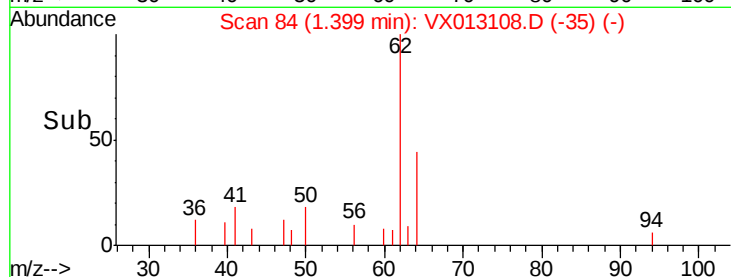
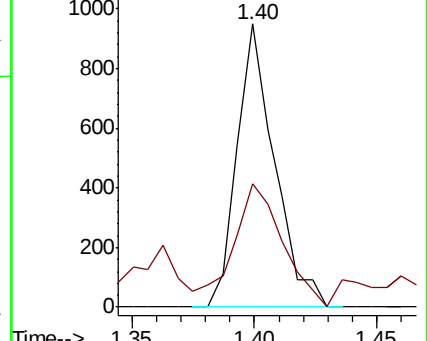
62 100

64 38.2 25.3 37.9#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#5

Bromomethane

Concen: 1.513 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX013108.D

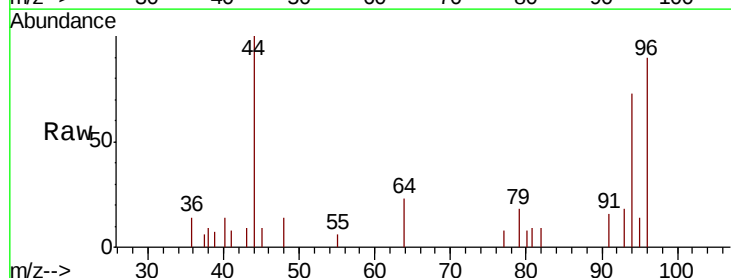
Acq: 17 Oct 2019 15:34

Tgt Ion: 94 Resp: 1204

Ion Ratio Lower Upper

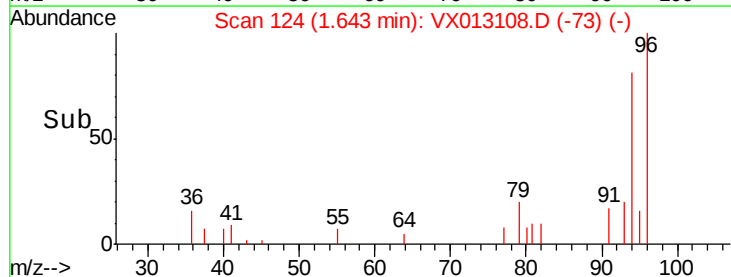
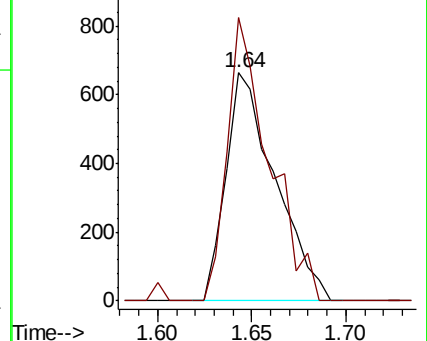
94 100

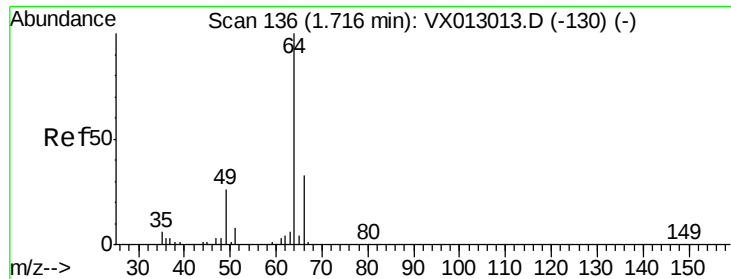
96 124.1 74.7 112.1#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.661 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013108.D

Acq: 17 Oct 2019 15:34

Instrument :

MSVOA_X

ClientSampleId :

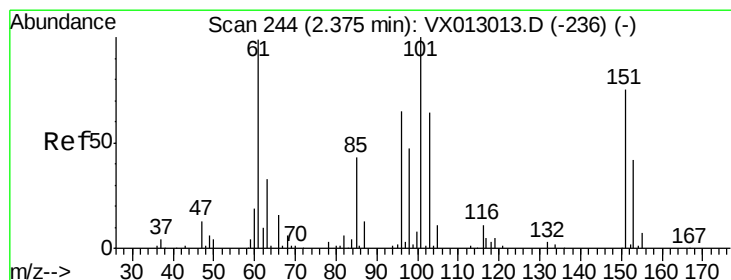
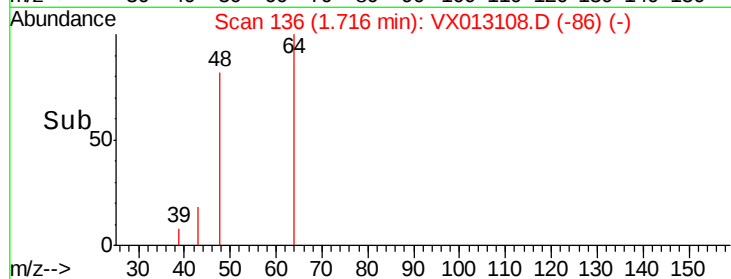
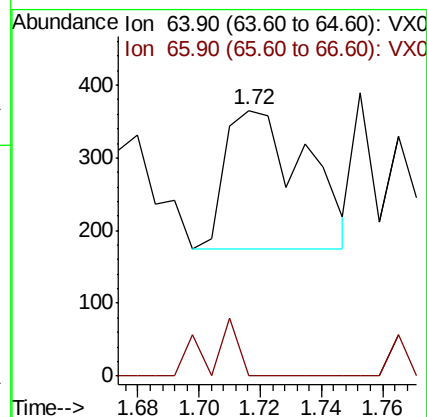
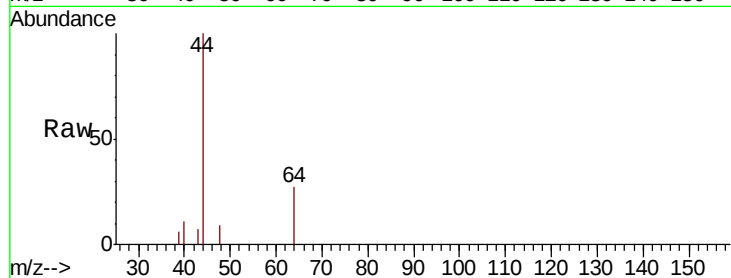
DEVELOPMENT-WATER

Tot Ion: 64 Resp: 346

Ion Ratio Lower Upper

64 100

66 0.0 25.6 38.4#



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.474 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX013108.D

Acq: 17 Oct 2019 15:34

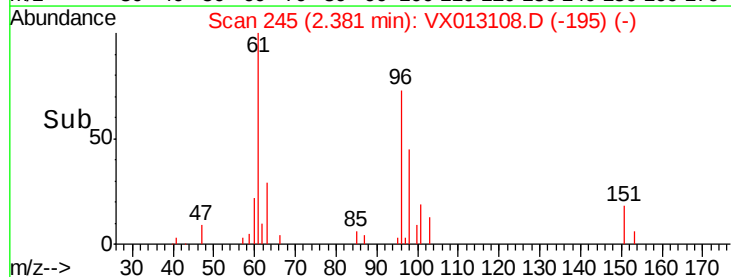
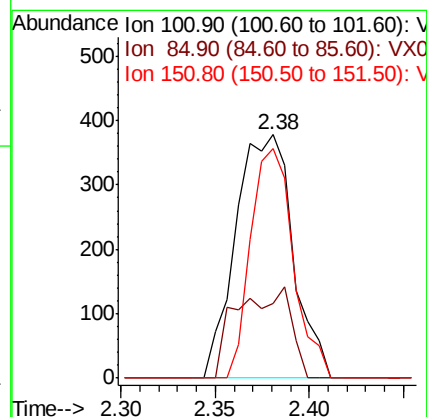
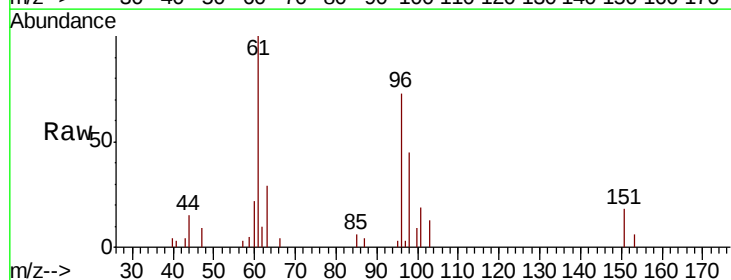
Tgt Ion: 101 Resp: 793

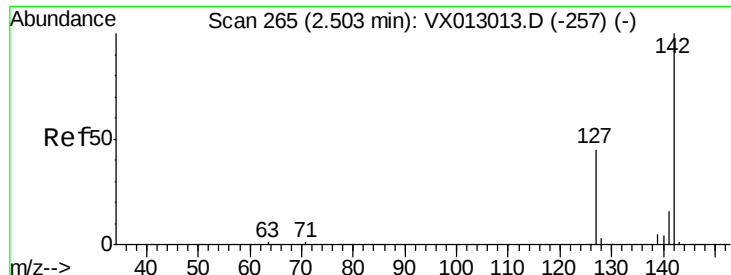
Ion Ratio Lower Upper

101 100

85 35.4 35.2 52.8

151 70.2 60.3 90.5

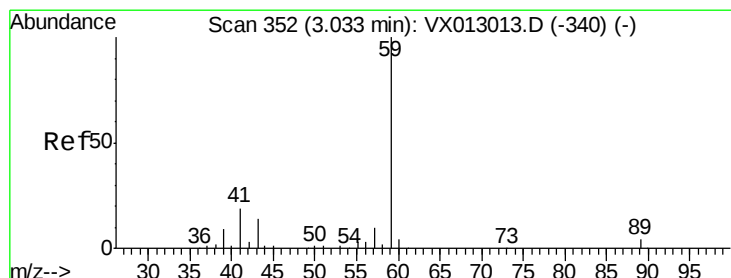
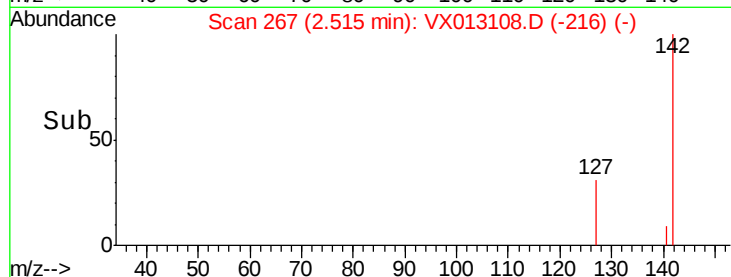
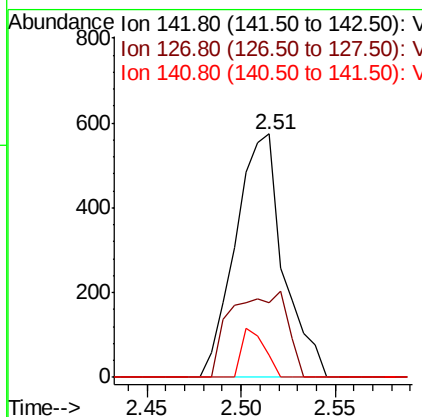
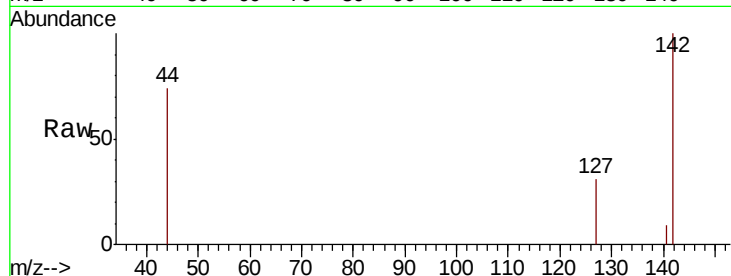




#10
Methyl Iodide
Concen: 5.563 ug/l
RT: 2.51 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX013108.D
Acq: 17 Oct 2019 15:34

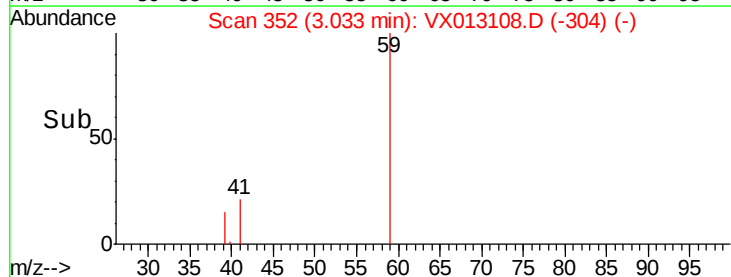
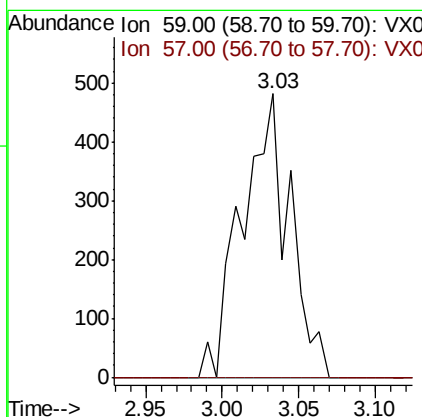
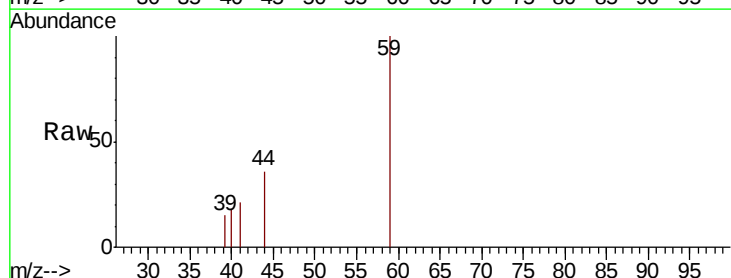
Instrument :
MSVOA_X
ClientSampleId :
DEVELOPMENT-WATER

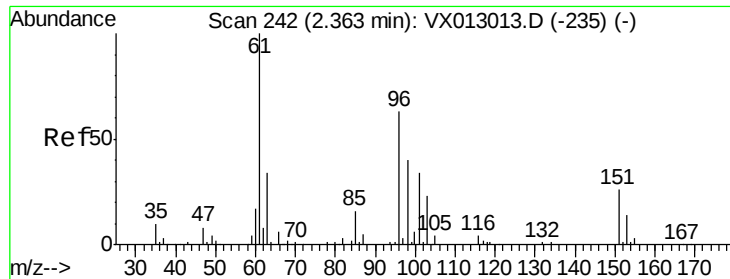
Tot Ion:142 Resp: 1014
Ion Ratio Lower Upper
142 100
127 41.1 34.9 52.3
141 9.6 11.6 17.4#



#11
Tert butyl alcohol
Concen: 1.878 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX013108.D
Acq: 17 Oct 2019 15:34

Tgt Ion: 59 Resp: 1040
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#12

1,1-Dichloroethene

Concen: 3.435 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.00 min

Lab File: VX013108.D

Acq: 17 Oct 2019 15:34

Instrument :

MSVOA_X

ClientSampleId :

DEVELOPMENT-WATER

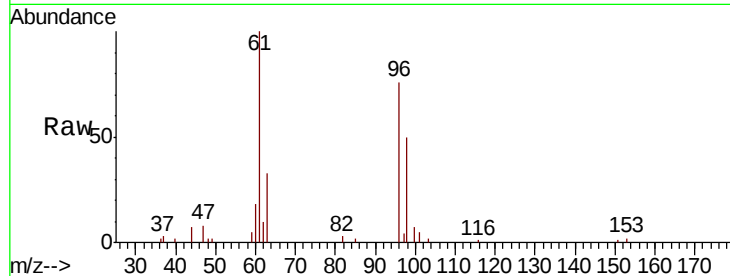
Tot Ion: 96 Resp: 5802

Ion Ratio Lower Upper

96 100

61 132.4 132.2 198.4

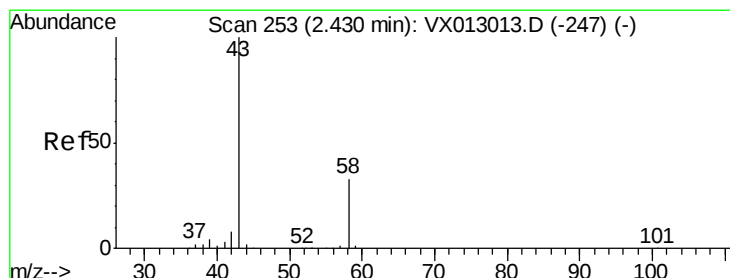
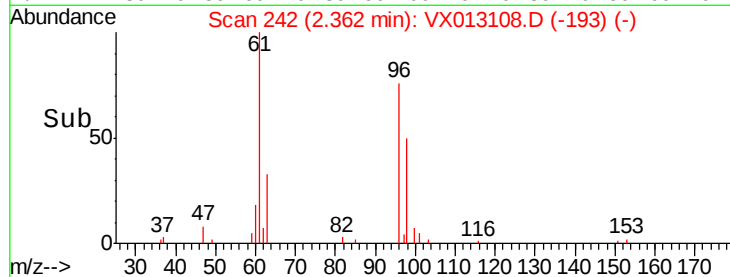
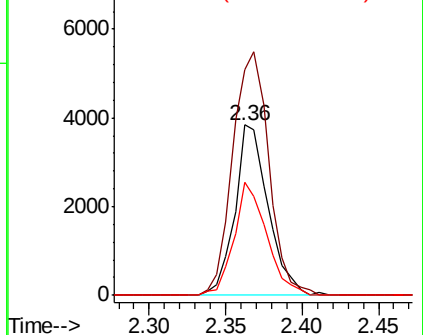
98 66.5 50.5 75.7



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#16

Acetone

Concen: 2.871 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX013108.D

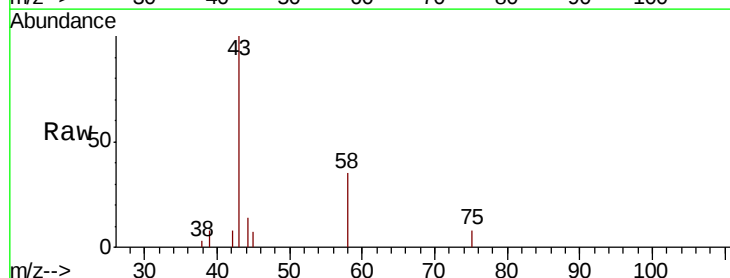
Acq: 17 Oct 2019 15:34

Tgt Ion: 43 Resp: 3161

Ion Ratio Lower Upper

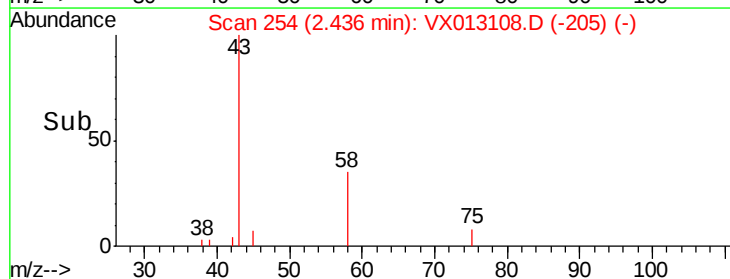
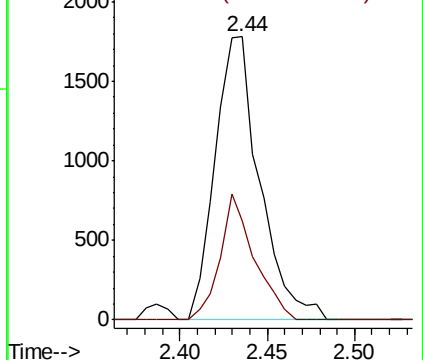
43 100

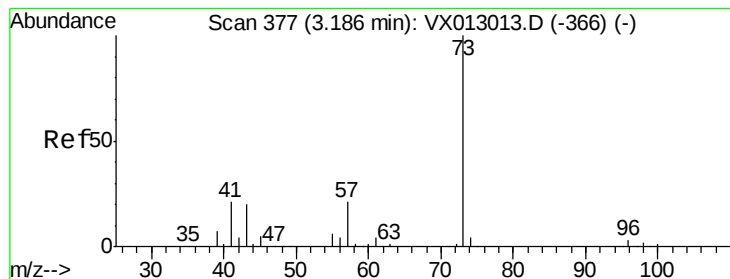
58 35.1 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



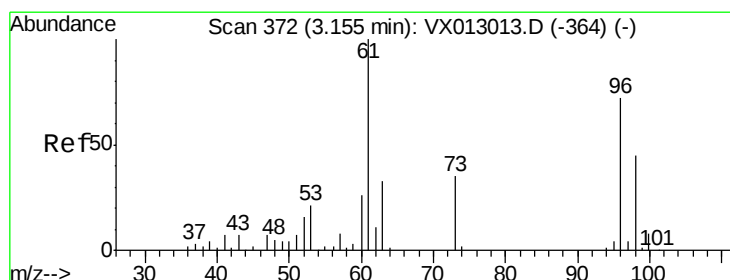
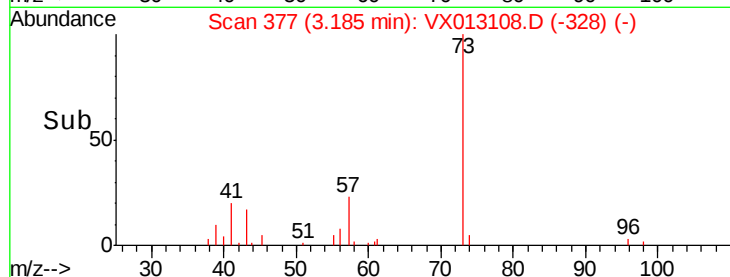
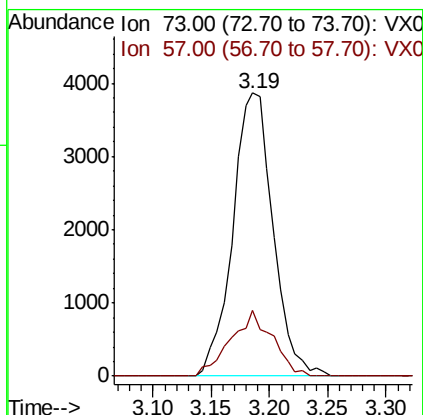
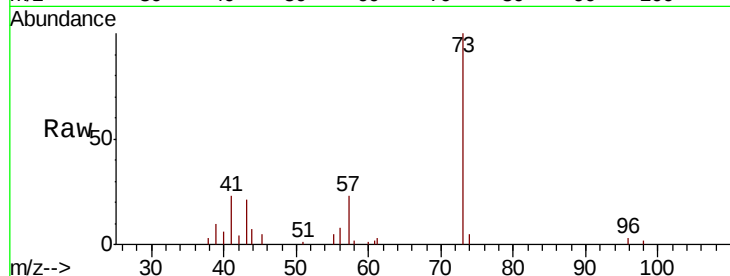


#19

Methvl tert-butvl Ether
 Concen: 1.599 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. -0.00 min
 Lab File: VX013108.D
 Acq: 17 Oct 2019 15:34

Instrument :
 MSVOA_X
 ClientSampleId :
 DEVELOPMENT-WATER

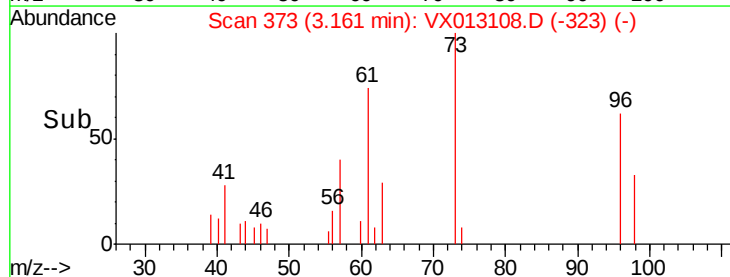
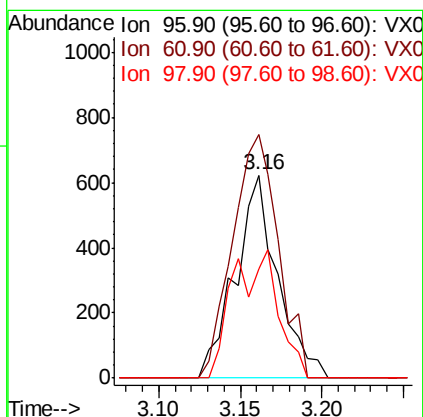
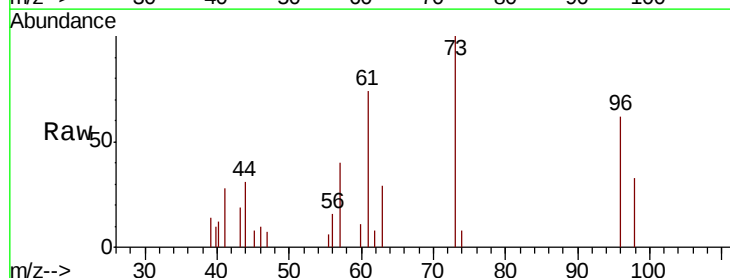
Tot Ion: 73 Resp: 9329
 Ion Ratio Lower Upper
 73 100
 57 23.2 17.8 26.6

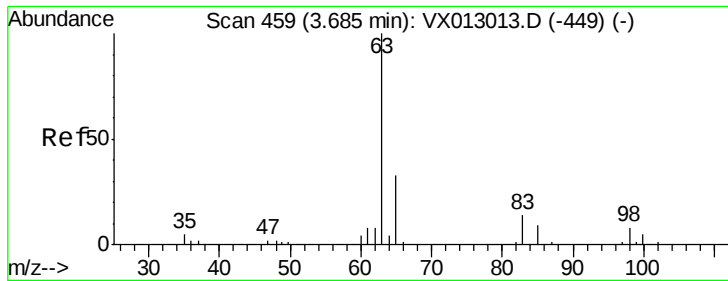


#21

trans-1,2-Dichloroethene
 Concen: 0.621 ug/l
 RT: 3.16 min Scan# 373
 Delta R.T. 0.01 min
 Lab File: VX013108.D
 Acq: 17 Oct 2019 15:34

Tgt Ion: 96 Resp: 1124
 Ion Ratio Lower Upper
 96 100
 61 119.9 110.4 165.6
 98 53.9 51.5 77.3





#24

1,1-Dichloroethane

Concen: 15.074 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013108.D

Acq: 17 Oct 2019 15:34

Instrument :

MSVOA_X

ClientSampleId :

DEVELOPMENT-WATER

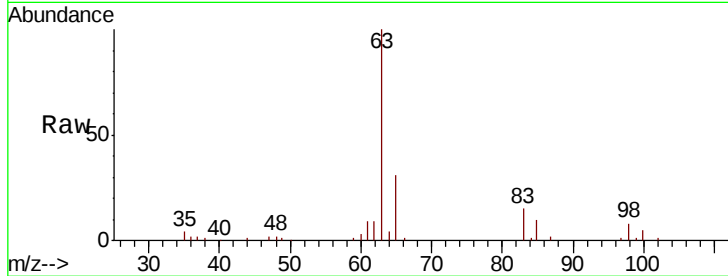
Tot Ion: 63 Resp: 48880

Ion Ratio Lower Upper

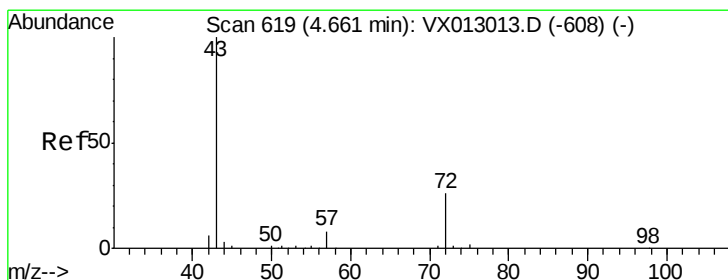
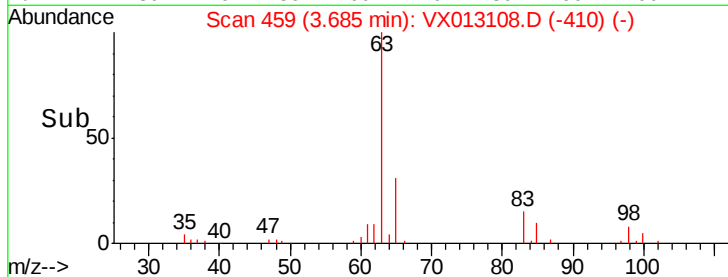
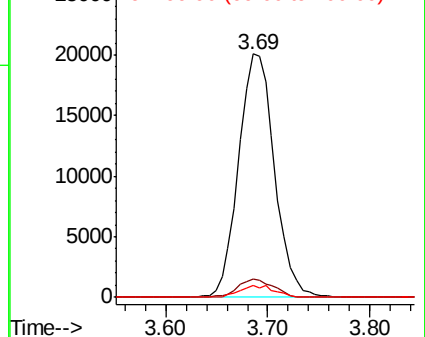
63 100

98 7.5 3.9 11.5

100 5.2 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#25

2-Butanone

Concen: 0.240 ug/l

RT: 4.69 min Scan# 623

Delta R.T. 0.02 min

Lab File: VX013108.D

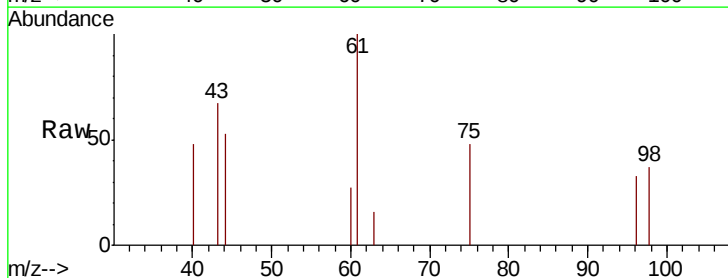
Acq: 17 Oct 2019 15:34

Tgt Ion: 43 Resp: 367

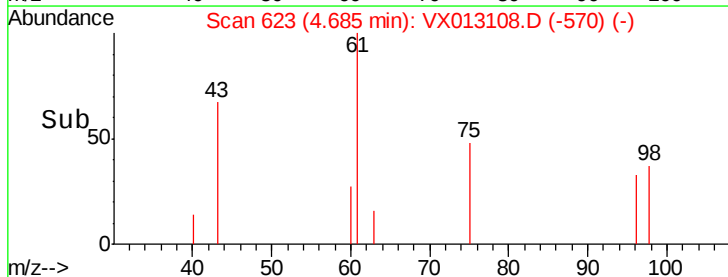
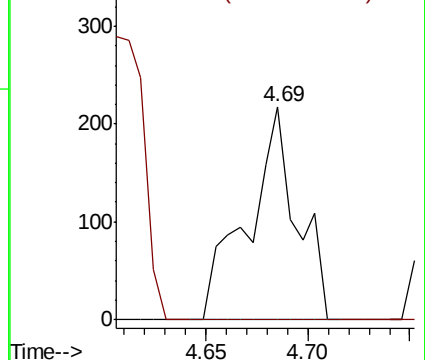
Ion Ratio Lower Upper

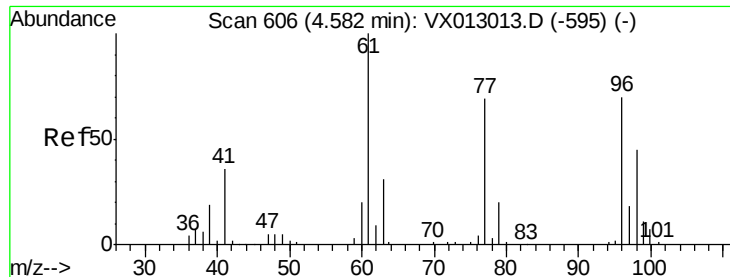
43 100

72 0.0 21.0 31.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0



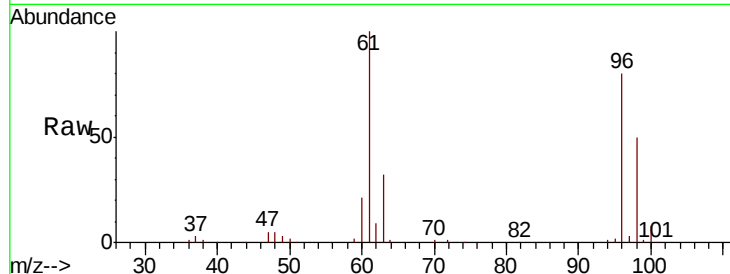


#27

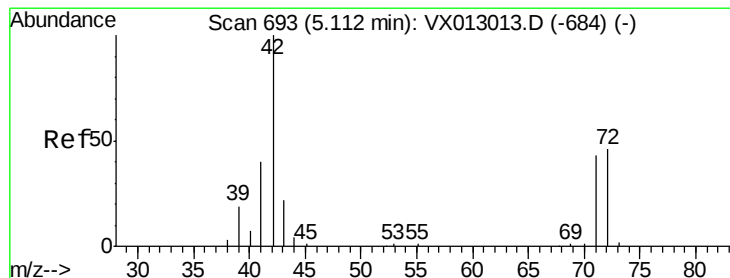
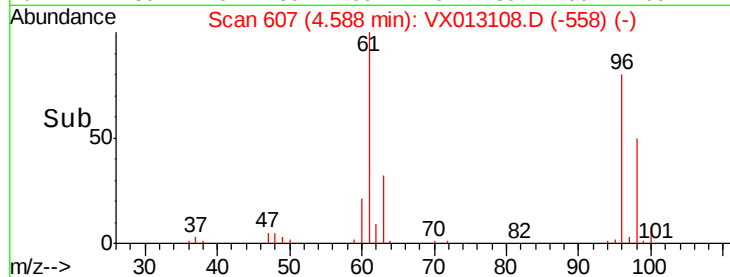
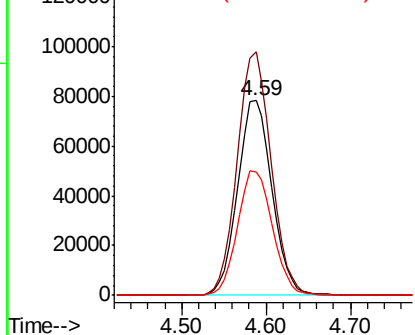
cis-1,2-Dichloroethene
 Concen: 103.596 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: VX013108.D
 Acq: 17 Oct 2019 15:34

Instrument :
 MSVOA_X
 ClientSampleId :
 DEVELOPMENT-WATER

Tot Ion: 96 Resp: 216190
 Ion Ratio Lower Upper
 96 100
 61 123.7 0.0 290.6
 98 64.9 0.0 128.8



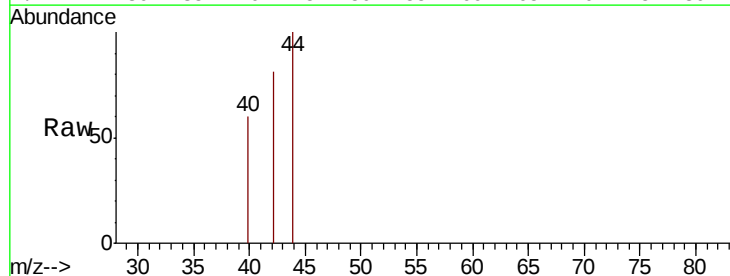
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



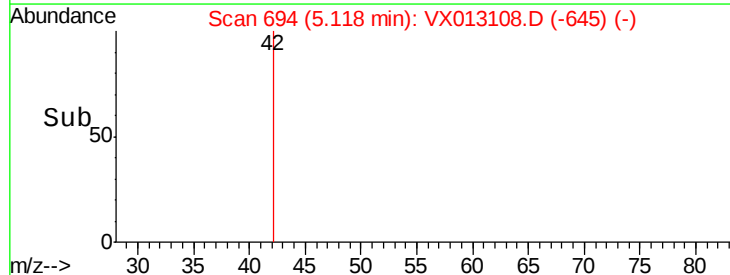
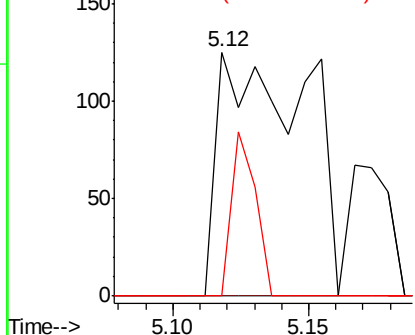
#29

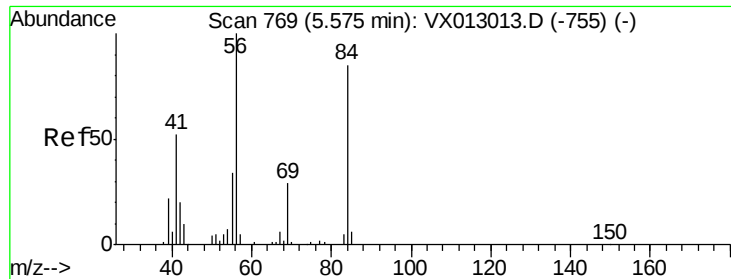
Tetrahydrofuran
 Concen: 0.294 ug/l
 RT: 5.12 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: VX013108.D
 Acq: 17 Oct 2019 15:34

Tgt Ion: 42 Resp: 276
 Ion Ratio Lower Upper
 42 100
 72 0.0 36.9 55.3#
 71 18.5 33.5 50.3#



Abundance Ion 42.00 (41.70 to 42.70): VX0
 Ion 72.00 (71.70 to 72.70): VX0
 Ion 71.00 (70.70 to 71.70): VX0

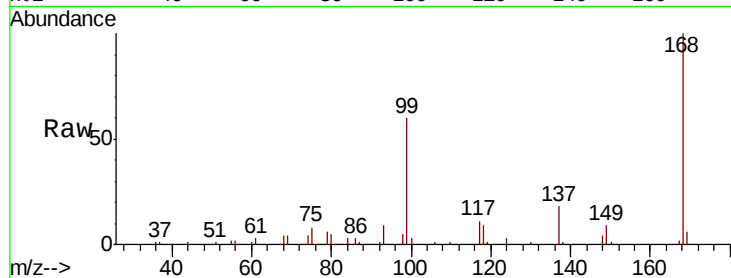




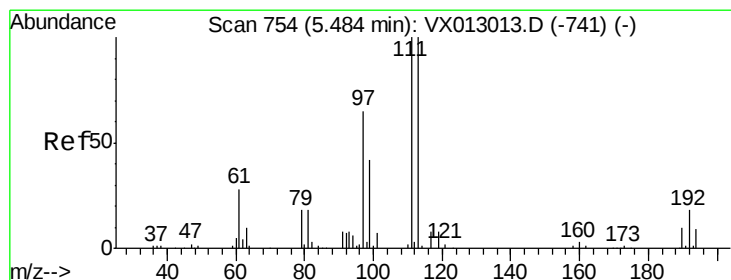
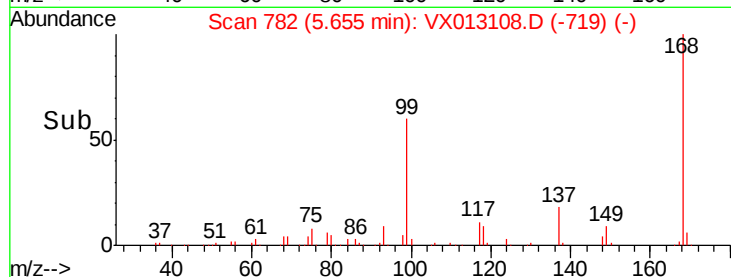
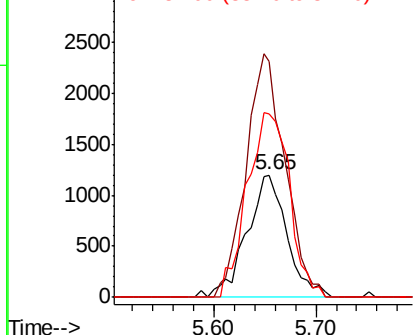
#31
Cyclohexane
Concen: 1.085 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.09 min
Lab File: VX013108.D
Acq: 17 Oct 2019 15:34

Instrument :
MSVOA_X
ClientSampleId :
DEVELOPMENT-WATER

Tot Ion: 56 Resp: 3290
Ion Ratio Lower Upper
56 100
69 193.1 25.2 37.8#
84 150.2 71.3 106.9#

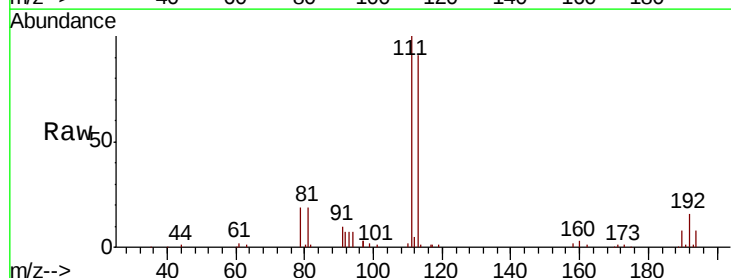


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

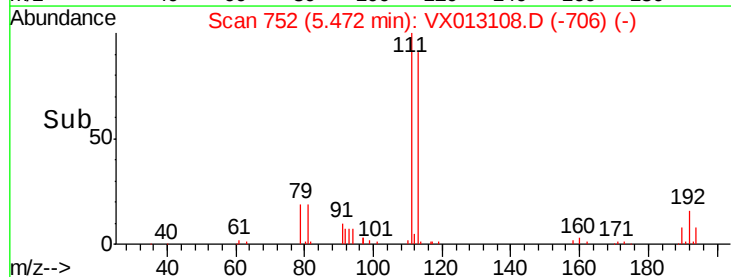
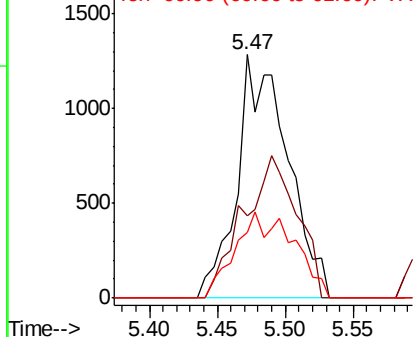


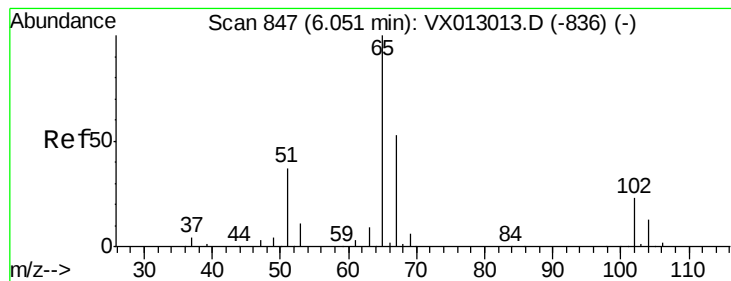
#32
1,1,1-Trichloroethane
Concen: 1.182 ug/l
RT: 5.47 min Scan# 752
Delta R.T. -0.02 min
Lab File: VX013108.D
Acq: 17 Oct 2019 15:34

Tgt Ion: 97 Resp: 3333
Ion Ratio Lower Upper
97 100
99 0.0 52.3 78.5#
61 40.7 35.0 52.4



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.944 ug/l

RT: 6.06 min Scan# 848

Delta R.T. -0.00 min

Lab File: VX013108.D

Acq: 17 Oct 2019 15:34

Instrument :

MSVOA_X

ClientSampleId :

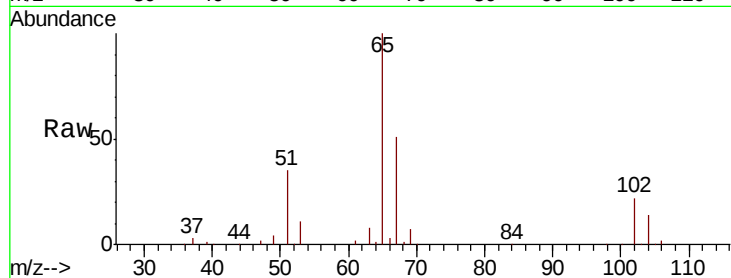
DEVELOPMENT-WATER

Tot Ion: 65 Resp: 102251

Ion Ratio Lower Upper

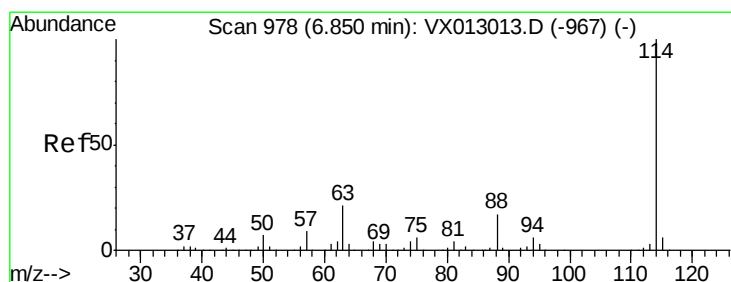
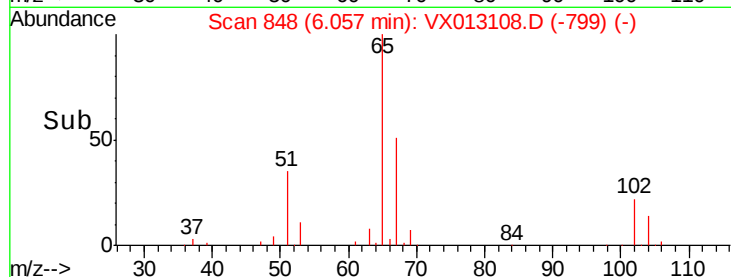
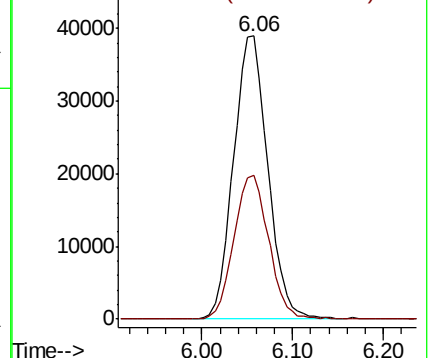
65 100

67 51.5 0.0 104.4



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: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013108.D

Acq: 17 Oct 2019 15:34

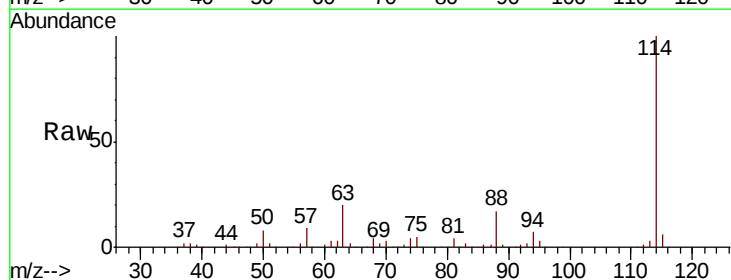
Tgt Ion: 114 Resp: 266951

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.8

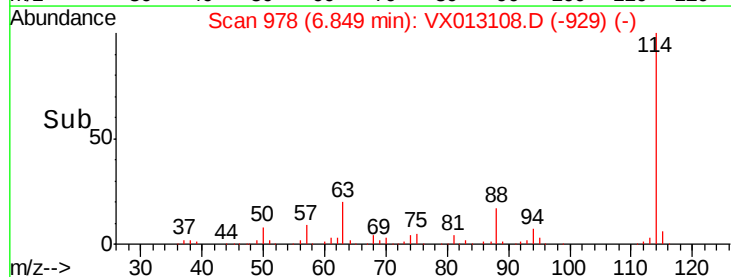
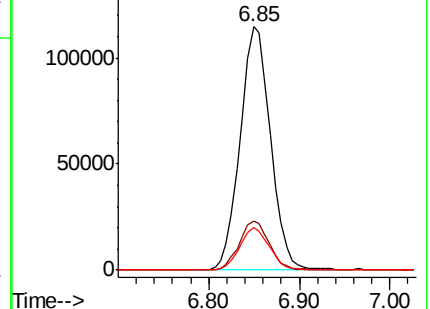
88 17.5 0.0 33.8

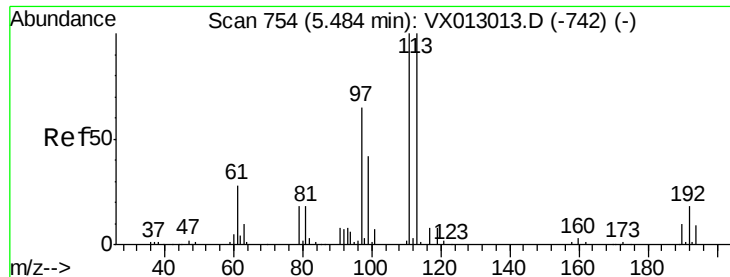


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.459 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013108.D

Acq: 17 Oct 2019 15:34

Instrument :

MSVOA_X

ClientSampleId :

DEVELOPMENT-WATER

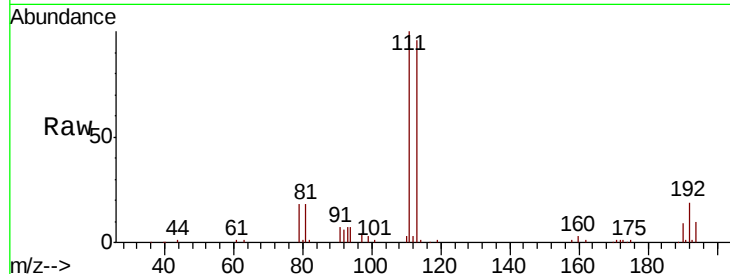
Tot Ion:113 Resp: 80376

Ion Ratio Lower Upper

113 100

111 104.6 83.2 124.8

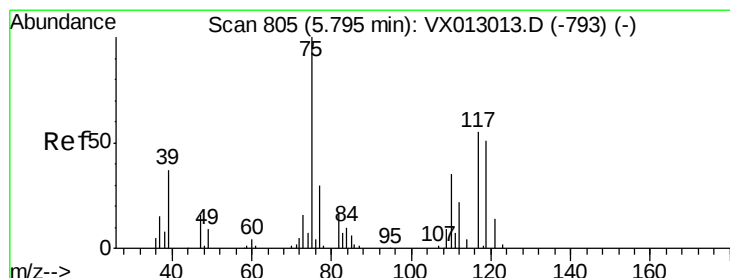
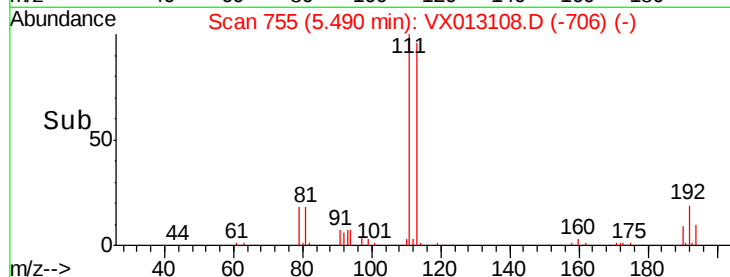
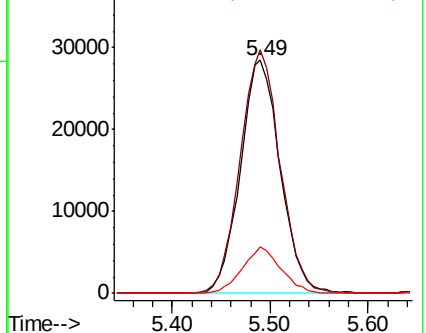
192 19.2 15.4 23.2



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: 5.471 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.14 min

Lab File: VX013108.D

Acq: 17 Oct 2019 15:34

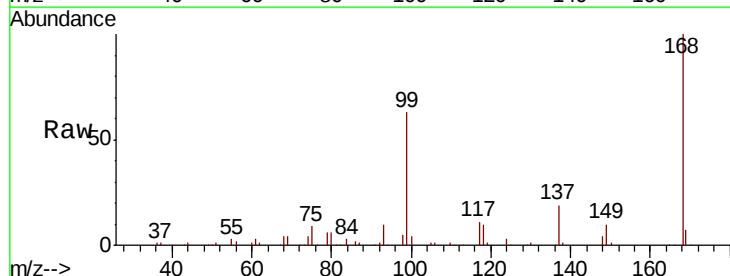
Tgt Ion: 75 Resp: 12841

Ion Ratio Lower Upper

75 100

110 6.5 17.6 52.9#

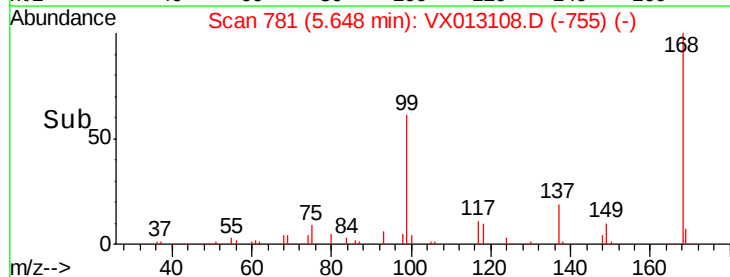
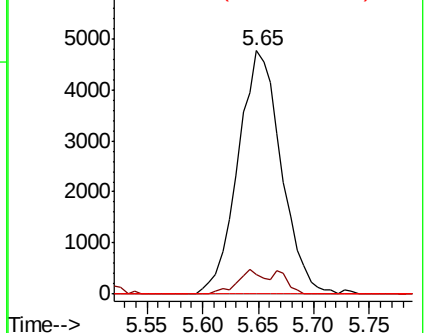
77 0.0 24.4 36.6#

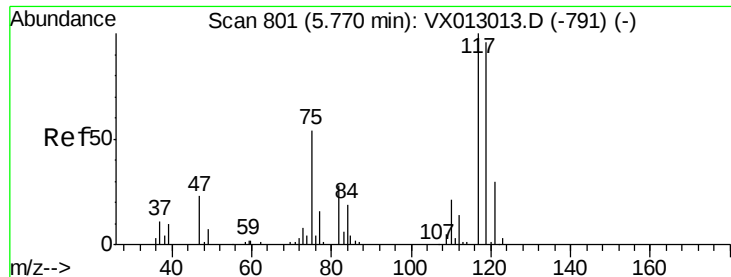


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 7.469 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.12 min

Lab File: VX013108.D

Acq: 17 Oct 2019 15:34

Instrument :

MSVOA_X

ClientSampleId :

DEVELOPMENT-WATER

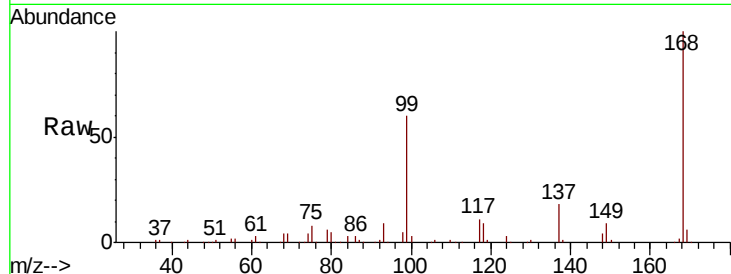
Tot Ion:117 Resp: 17062

Ion Ratio Lower Upper

117 100

119 4.8 74.5 111.7#

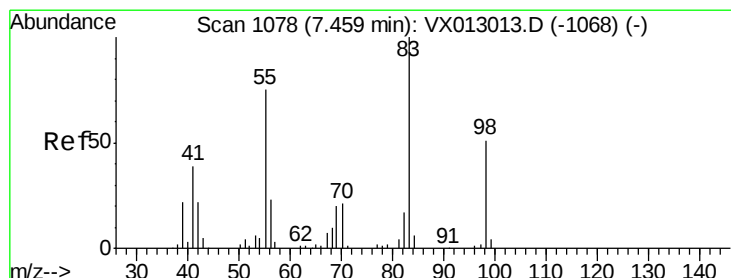
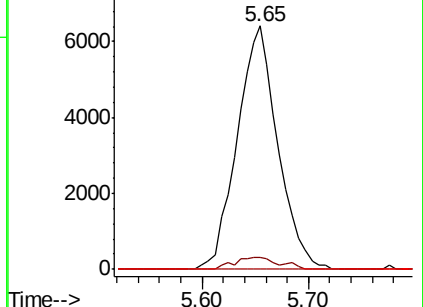
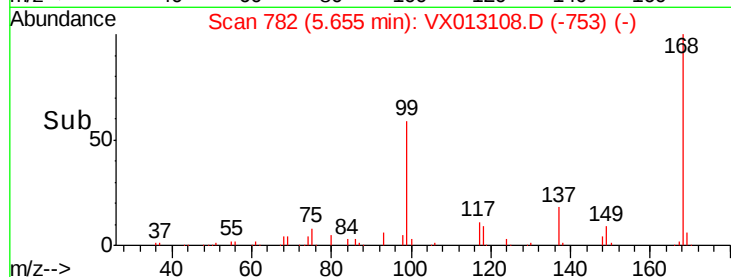
121 0.0 24.2 36.4#



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



#39

Methylcyclohexane

Concen: 0.497 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.25 min

Lab File: VX013108.D

Acq: 17 Oct 2019 15:34

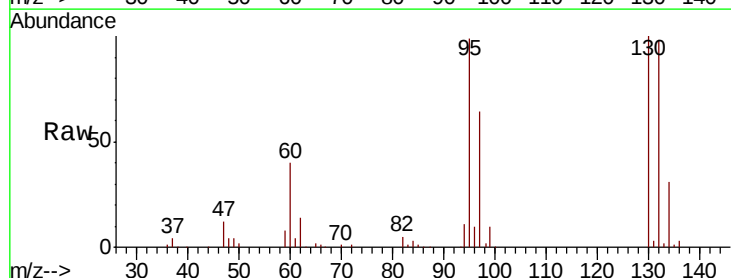
Tgt Ion: 83 Resp: 1414

Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.4#

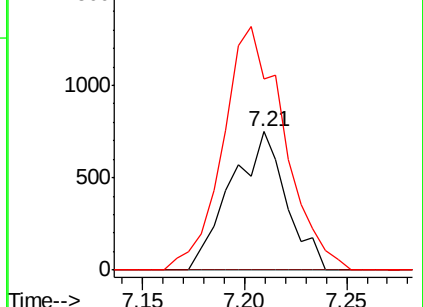
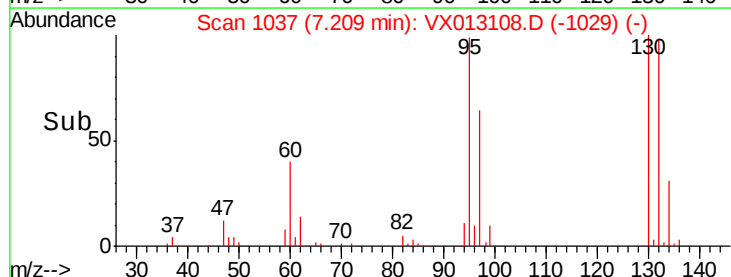
98 130.0 38.5 57.7#

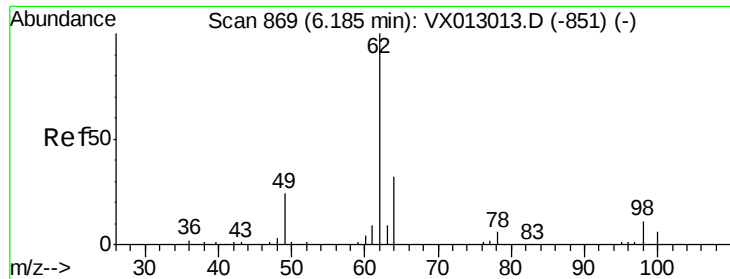


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#42

1,2-Dichloroethane

Concen: 0.359 ug/l

RT: 6.18 min Scan# 869

Delta R.T. -0.00 min

Lab File: VX013108.D

Acq: 17 Oct 2019 15:34

Instrument :

MSVOA_X

ClientSampleId :

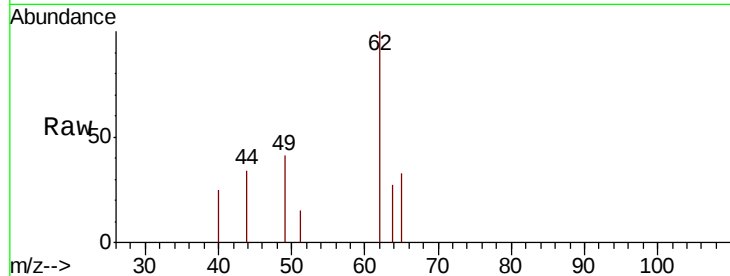
DEVELOPMENT-WATER

Tot Ion: 62 Resp: 894

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

6.18

400

300

200

100

0

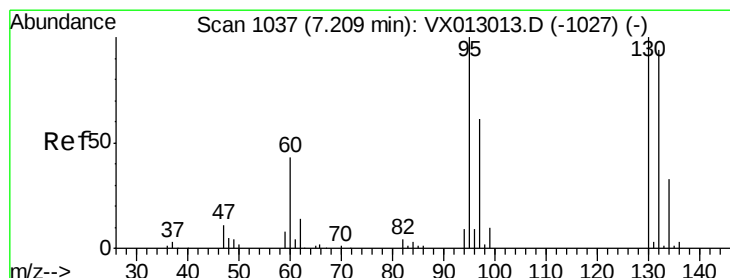
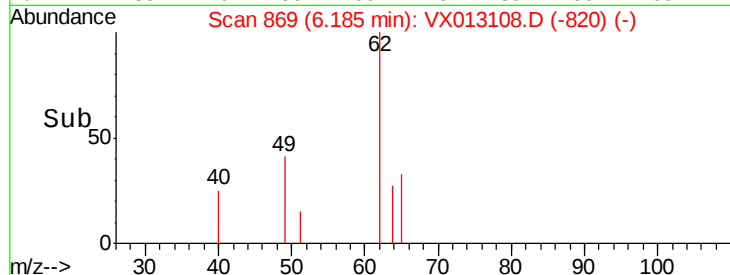
Time-->

6.10

6.15

6.20

6.25



#44

Trichloroethene

Concen: 59.034 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX013108.D

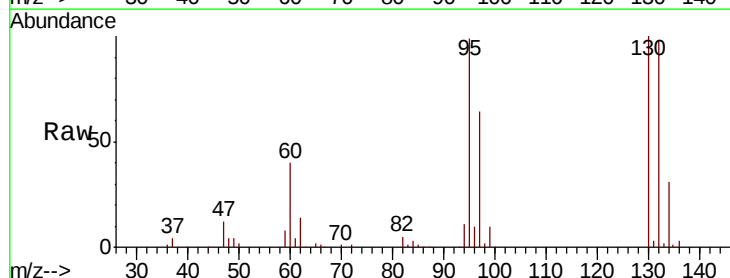
Acq: 17 Oct 2019 15:34

Tgt Ion:130 Resp: 113480

Ion Ratio Lower Upper

130 100

95 98.5 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

60000

50000

40000

30000

20000

10000

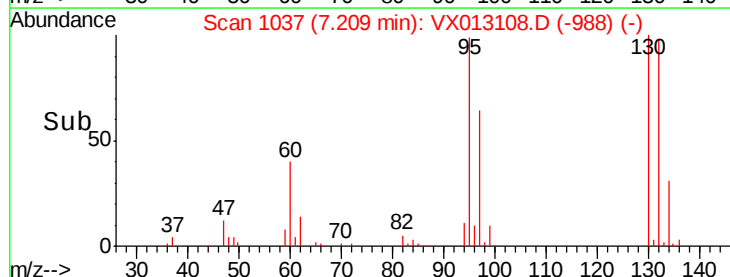
0

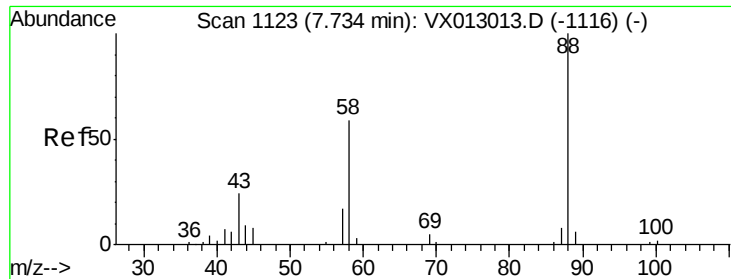
Time-->

7.10

7.20

7.30

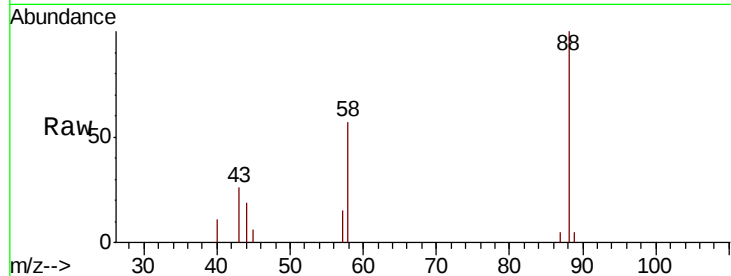




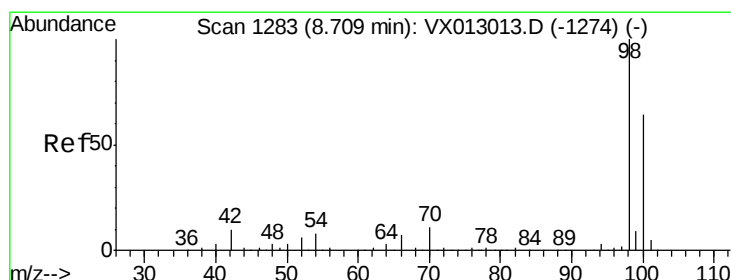
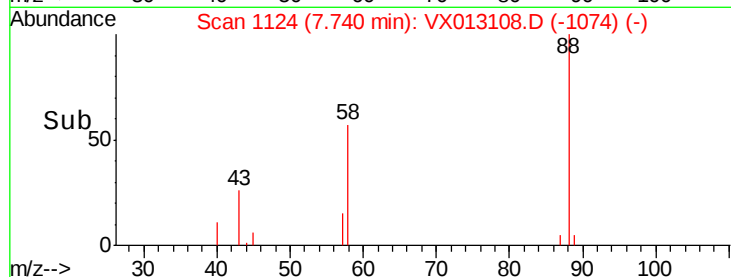
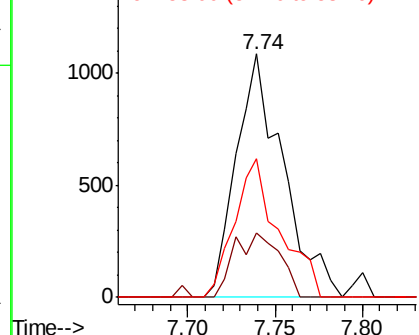
#49
 1,4-Dioxane
 Concen: 70.608 ug/l
 RT: 7.74 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: VX013108.D
 Acq: 17 Oct 2019 15:34

Instrument :
 MSVOA_X
 ClientSampleId :
 DEVELOPMENT-WATER

Tot Ion: 88 Resp: 2028
 Ion Ratio Lower Upper
 88 100
 43 25.4 25.0 37.6
 58 54.2 55.4 83.2#

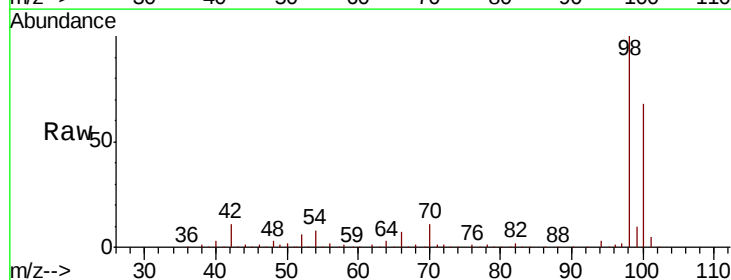


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

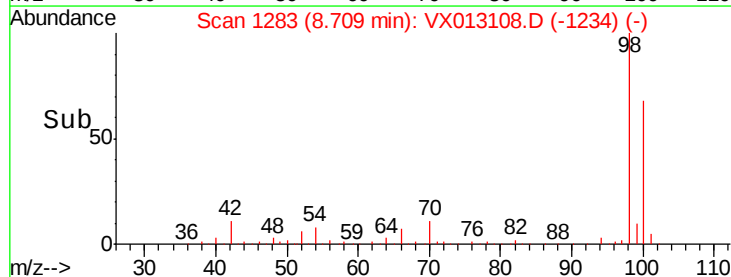
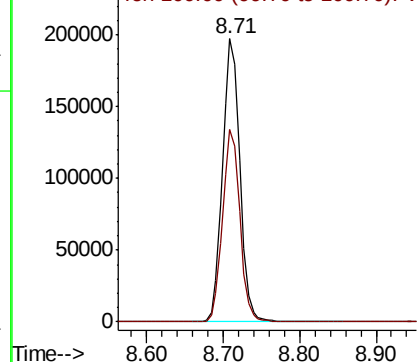


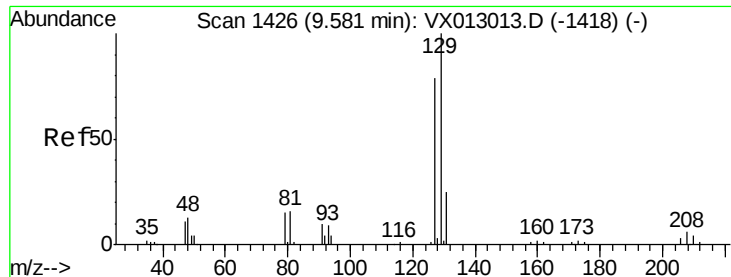
#50
 Toluene-d8
 Concen: 51.866 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX013108.D
 Acq: 17 Oct 2019 15:34

Tgt Ion: 98 Resp: 309938
 Ion Ratio Lower Upper
 98 100
 100 67.7 53.4 80.2



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

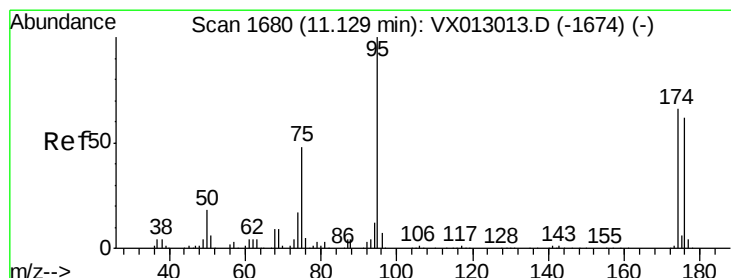
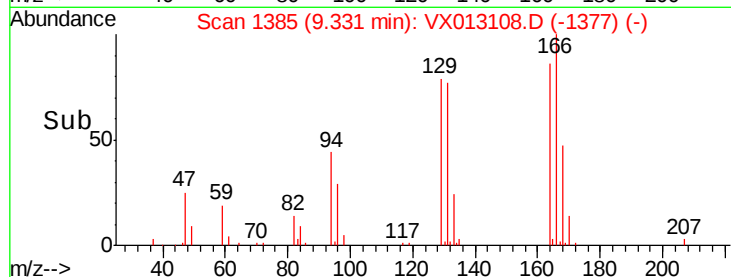
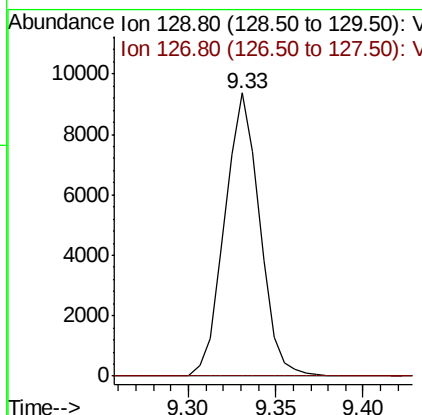
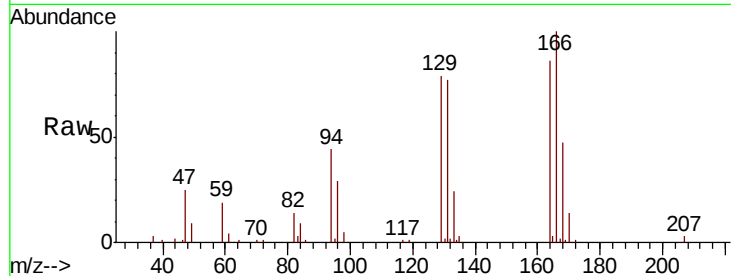




#60
 Dibromochloromethane
 Concen: 8.288 ug/l
 RT: 9.33 min Scan# 1385
 Delta R.T. -0.25 min
 Lab File: VX013108.D
 Acq: 17 Oct 2019 15:34

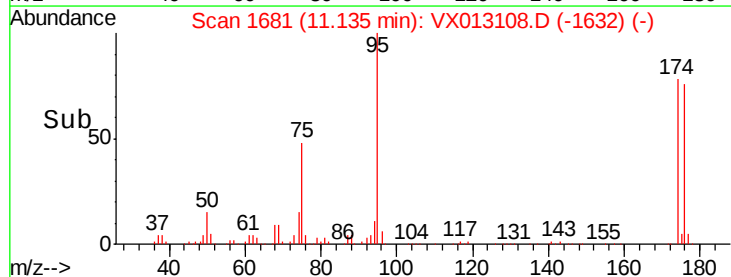
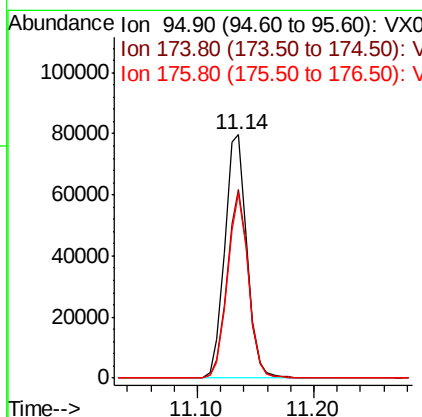
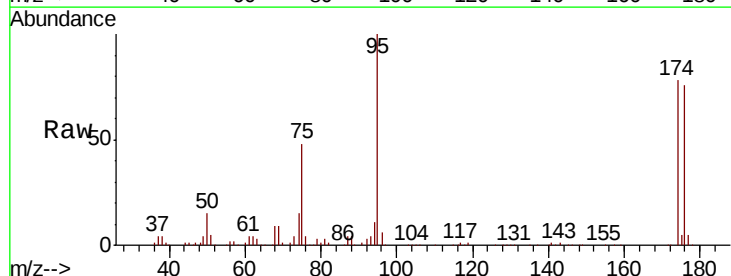
Instrument :
 MSVOA_X
 ClientSampleId :
 DEVELOPMENT-WATER

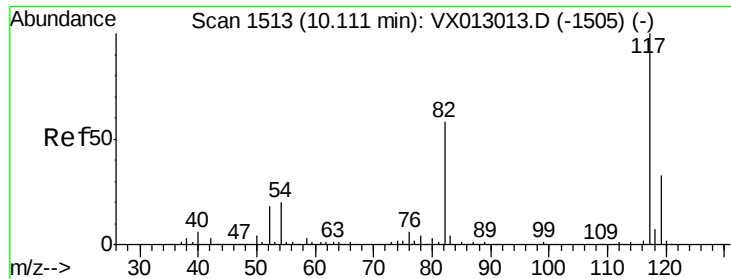
Tot Ion:129 Resp: 13045
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.9 116.7#



#62
 4-Bromofluorobenzene
 Concen: 45.010 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: VX013108.D
 Acq: 17 Oct 2019 15:34

Tgt Ion: 95 Resp: 104511
 Ion Ratio Lower Upper
 95 100
 174 75.1 0.0 143.4
 176 72.0 0.0 136.0

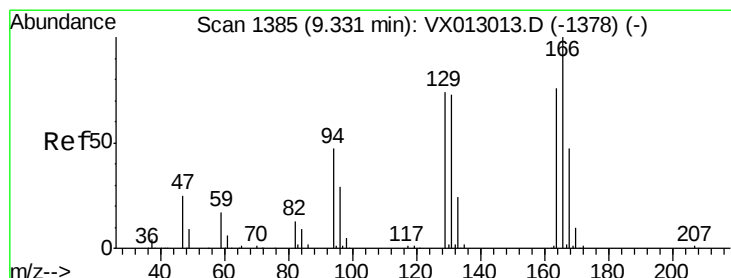
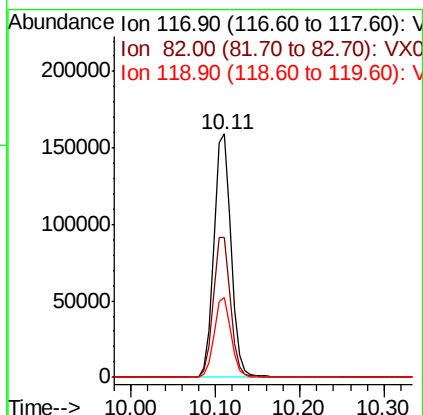
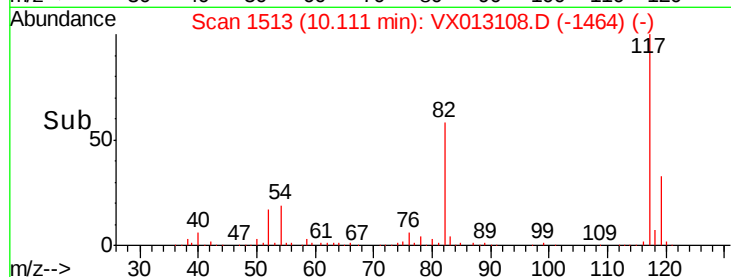
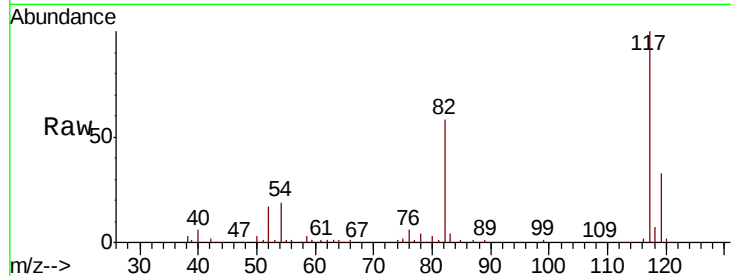




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013108.D
Acq: 17 Oct 2019 15:34

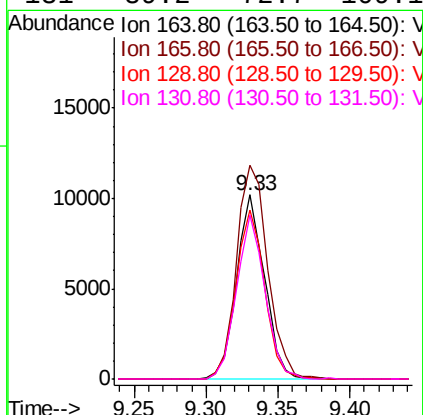
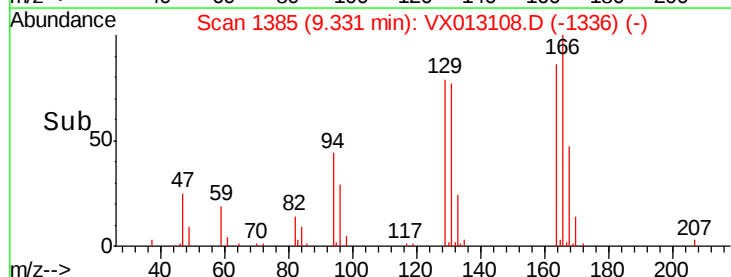
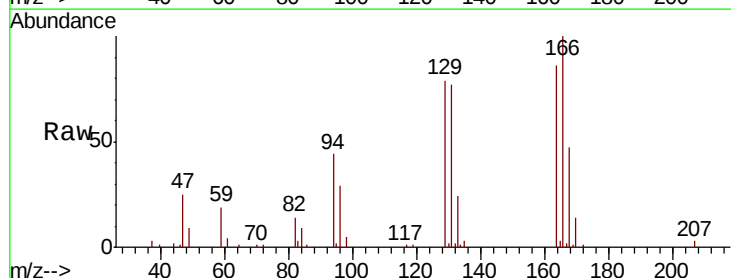
Instrument :
MSVOA_X
ClientSampleId :
DEVELOPMENT-WATER

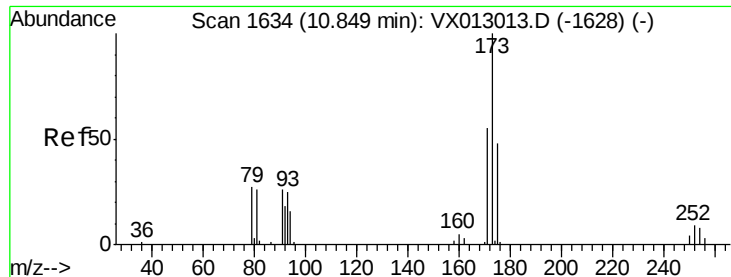
Tot Ion:117 Resp: 226036
Ion Ratio Lower Upper
117 100
82 57.7 44.1 66.1
119 32.9 25.8 38.8



#64
Tetrachloroethene
Concen: 8.841 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013108.D
Acq: 17 Oct 2019 15:34

Tgt Ion:164 Resp: 13861
Ion Ratio Lower Upper
164 100
166 116.2 96.9 145.3
129 92.0 77.9 116.9
131 89.2 72.7 109.1





#71

Bromoform

Concen: 3.203 ug/l

RT: 10.86 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX013108.D

Acq: 17 Oct 2019 15:34

Instrument :

MSVOA_X

ClientSampleId :

DEVELOPMENT-WATER

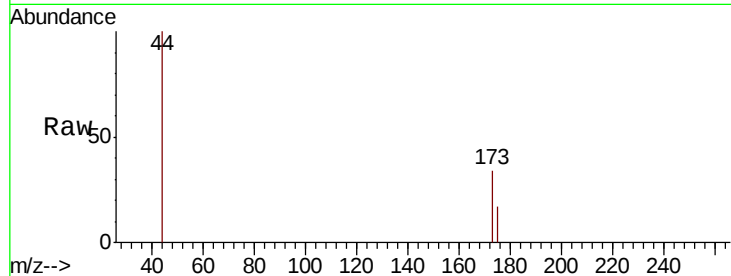
Tot Ion:173 Resp: 99

Ion Ratio Lower Upper

173 100

175 0.0 24.1 72.3#

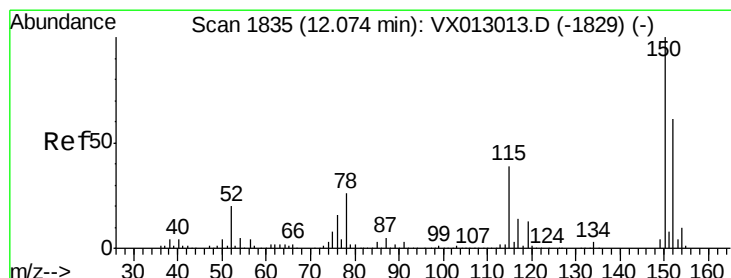
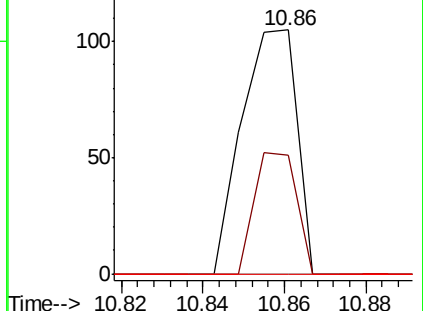
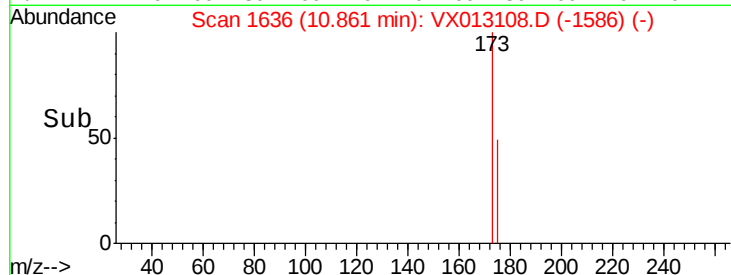
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013108.D

Acq: 17 Oct 2019 15:34

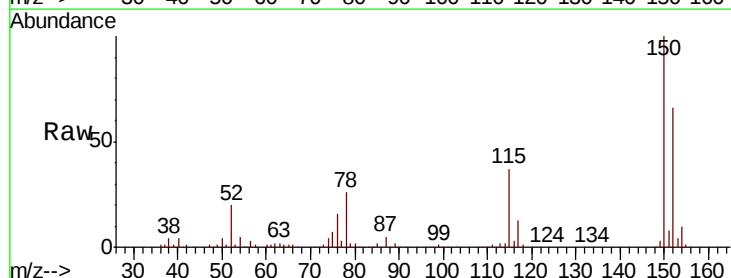
Tgt Ion:152 Resp: 90336

Ion Ratio Lower Upper

152 100

115 61.3 44.5 133.5

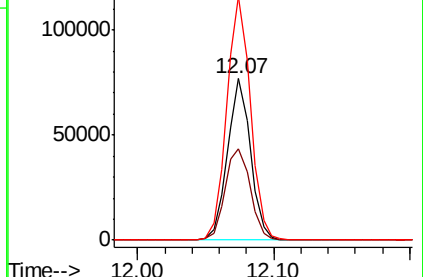
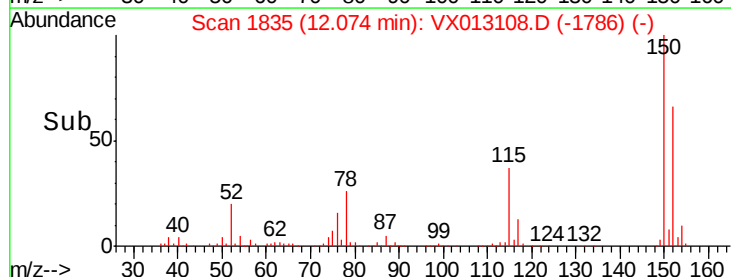
150 154.8 0.0 353.4

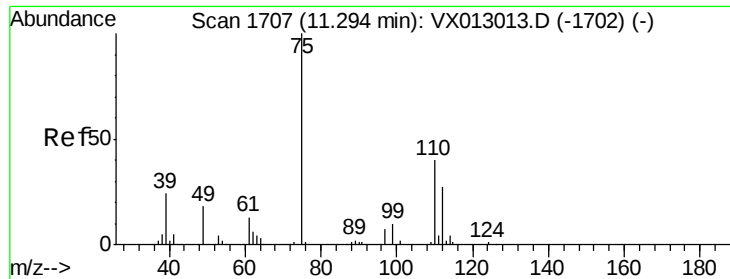


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

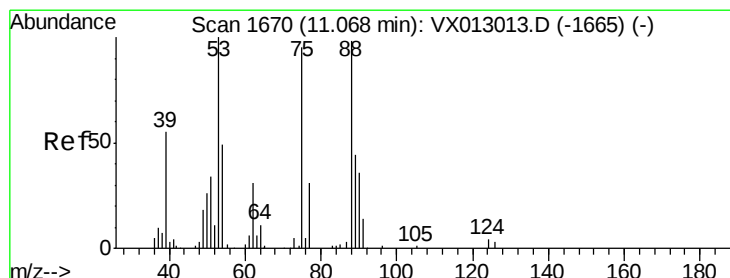
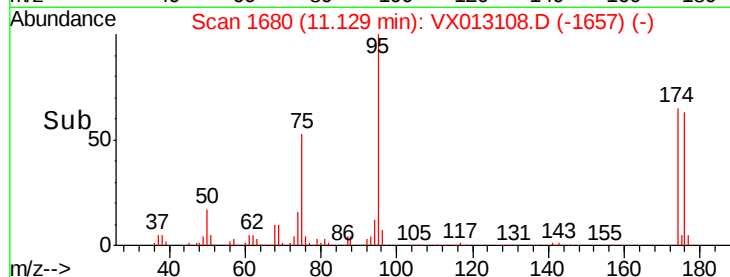
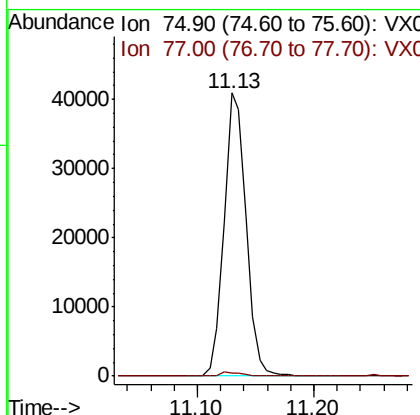
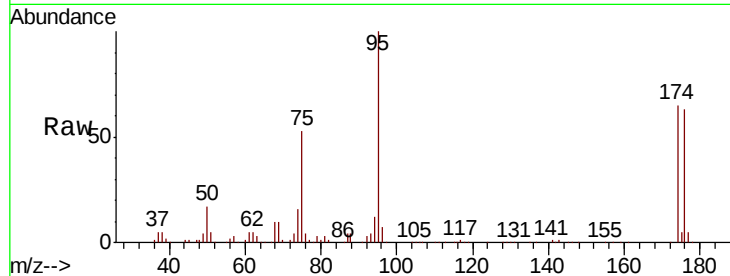




#76
 1,2,3-Trichloropropane
 Concen: 26.661 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.16 min
 Lab File: VX013108.D
 Acq: 17 Oct 2019 15:34

Instrument :
 MSVOA_X
 ClientSampleId :
 DEVELOPMENT-WATER

Tot Ion: 75 Resp: 53419
 Ion Ratio Lower Upper
 75 100
 77 1.4 22.9 68.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.042 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.06 min
 Lab File: VX013108.D
 Acq: 17 Oct 2019 15:34

Tgt Ion: 75 Resp: 53419
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.5 117.7#
 89 0.2 37.4 56.2#

