

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040519\
 Data File : VX008695.D
 Acq On : 05 Apr 2019 20:29
 Operator : JC/SP
 Sample : K2274-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006MW148-190402

Quant Time: Apr 06 01:28:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	212092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	351871	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	306843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	134213	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	143643	46.43	ug/l	0.00
Spiked Amount			Recovery	=	92.86%	
35) Dibromofluoromethane	5.50	113	106626	47.40	ug/l	0.00
Spiked Amount			Recovery	=	94.80%	
50) Toluene-d8	8.71	98	445653	49.75	ug/l	0.00
Spiked Amount			Recovery	=	99.50%	
62) 4-Bromofluorobenzene	11.13	95	152410	47.98	ug/l	0.00
Spiked Amount			Recovery	=	95.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	364	Below Cal		94
4) Vinyl Chloride	1.40	62	147285	44.628	ug/l	97
5) Bromomethane	1.64	94	302	2.064	ug/l	90
10) Methyl Iodide	2.51	142	275	4.121	ug/l #	85
11) Tert butyl alcohol	3.04	59	2742	3.786	ug/l #	72
12) 1,1-Dichloroethene	2.37	96	601	0.245	ug/l	87
13) Acrolein	2.29	56	144	0.401	ug/l #	13
14) Allyl chloride	2.84	41	67195	11.971	ug/l #	66
15) Acrylonitrile	3.17	53	1588	0.828	ug/l #	48
16) Acetone	2.44	43	1587	0.891	ug/l	99
17) Carbon Disulfide	2.57	76	1129	Below Cal		97
18) Methyl Acetate	2.84	43	172446	39.906	ug/l #	56
19) Methyl tert-butyl Ether	3.20	73	2591	0.296	ug/l #	1
21) trans-1,2-Dichloroethene	3.17	96	1760	0.664	ug/l #	73
24) 1,1-Dichloroethane	3.70	63	3660	0.683	ug/l #	97
25) 2-Butanone	4.80	43	1538	0.546	ug/l #	53
27) cis-1,2-Dichloroethene	4.60	96	141694	46.468	ug/l	90
28) Bromochloromethane	5.03	49	73	Below Cal	#	22
31) Cyclohexane	5.58	56	18308	3.425	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	3148	0.814	ug/l #	52
36) 1,1-Dichloropropene	5.67	75	17307	4.500	ug/l #	50
37) Ethyl Acetate	4.80	43	1267	0.247	ug/l #	70
38) Carbon Tetrachloride	5.66	117	20373	6.400	ug/l #	17
39) Methylcyclohexane	7.46	83	42164	8.874	ug/l #	77
40) Benzene	6.14	78	10163	0.887	ug/l	99
43) Isopropyl Acetate	6.35	43	59977	7.458	ug/l #	63
47) Bromodichloromethane	7.84	83	1774	0.496	ug/l #	1
48) Methyl methacrylate	7.73	41	1135	0.279	ug/l #	35
51) 4-Methyl-2-Pentanone	8.39	43	1115	0.215	ug/l	92
55) 1,1,2-Trichloroethane	9.16	97	25930	9.562	ug/l #	17
56) Ethyl methacrylate	9.16	69	6110	1.245	ug/l #	1
65) Chlorobenzene	10.13	112	5255	0.773	ug/l	96
67) Ethyl Benzene	10.25	91	6260	0.494	ug/l	94
68) m/p-Xylenes	10.36	106	1501	0.329	ug/l	93

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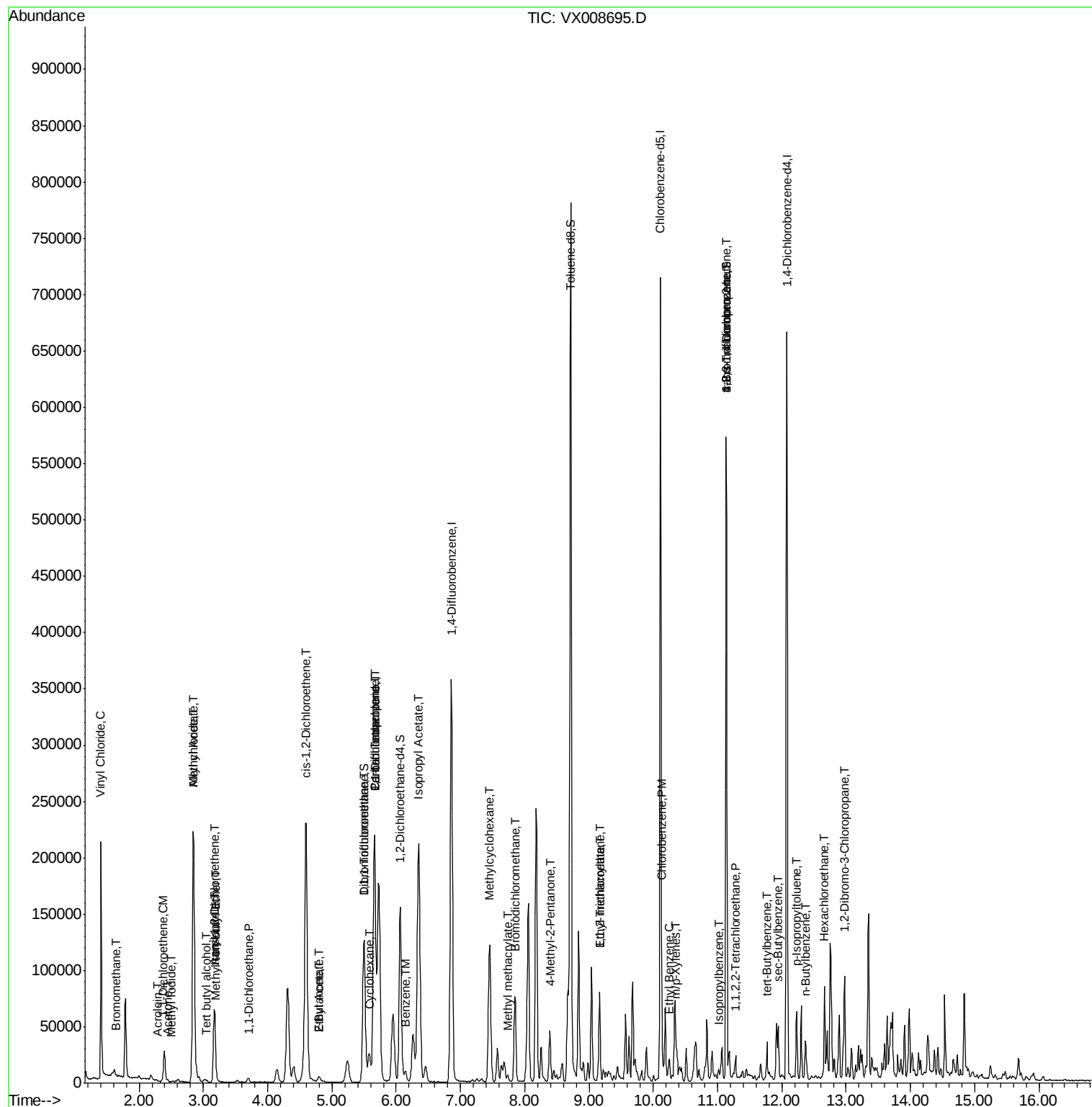
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) Isopropylbenzene	11.02	105	4135	0.372	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	1229	0.291	ug/l #	25
76) 1,2,3-Trichloropropane	11.13	75	77009	20.887	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	77009	57.576	ug/l #	9
83) tert-Butylbenzene	11.77	119	11670	1.299	ug/l	85
85) sec-Butylbenzene	11.94	105	22180	2.079	ug/l	96
86) p-Isopropyltoluene	12.23	119	24591	2.568	ug/l	96
89) n-Butylbenzene	12.37	91	3740	0.416	ug/l #	46
90) Hexachloroethane	12.66	117	3218	2.026	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	12.97	75	522	0.561	ug/l #	3

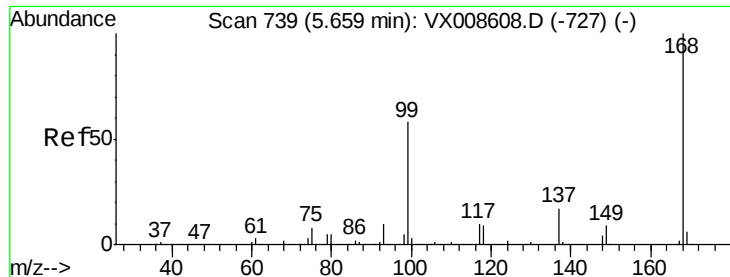
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008695.D

Acq: 05 Apr 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

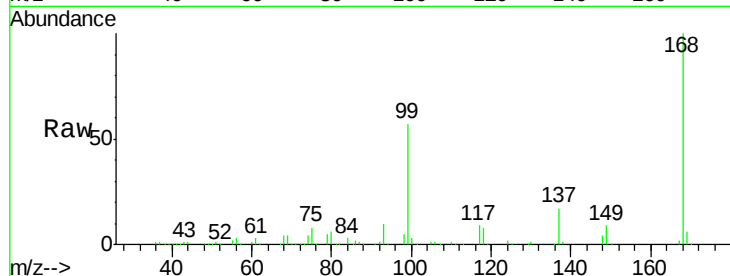
ST006MW148-190402

Tot Ion:168 Resp: 212092

Ion Ratio Lower Upper

168 100

99 57.1 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

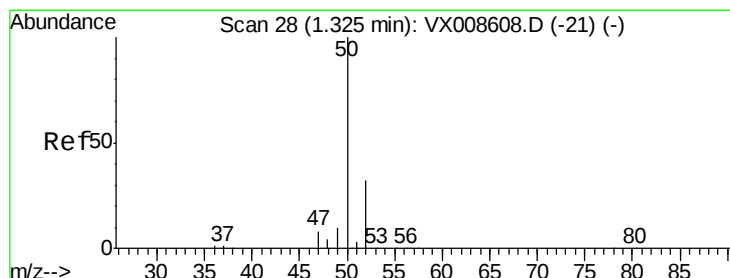
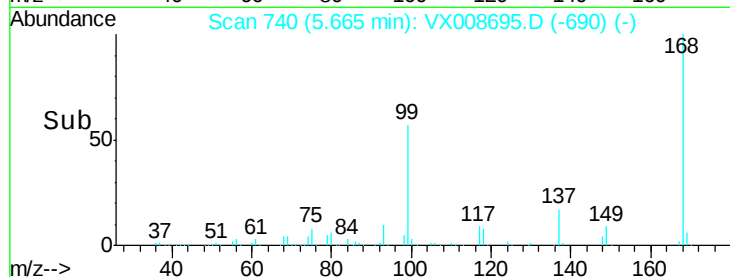
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX008695.D

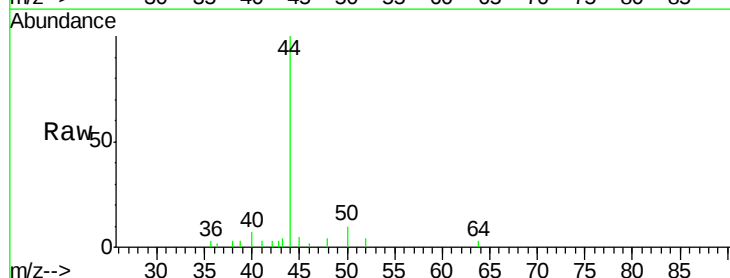
Acq: 05 Apr 2019 20:29

Tgt Ion: 50 Resp: 364

Ion Ratio Lower Upper

50 100

52 35.6 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

300

250

200

150

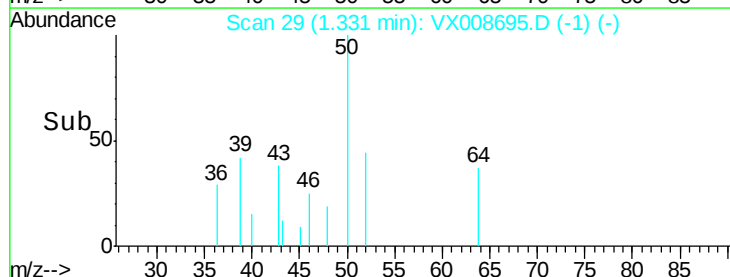
100

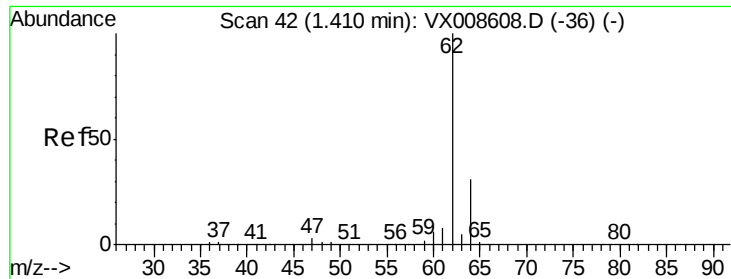
50

0

Time-->

1.30 1.32 1.34 1.36





#4

Vinyl Chloride

Concen: 44.628 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008695.D

Acq: 05 Apr 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

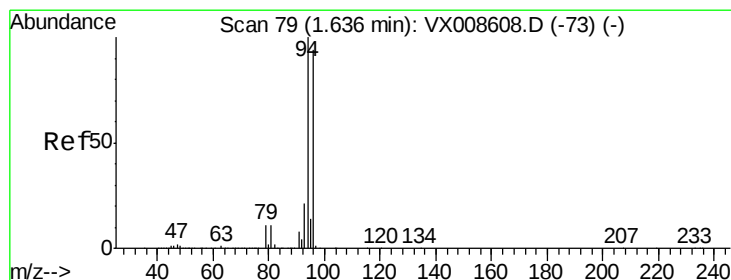
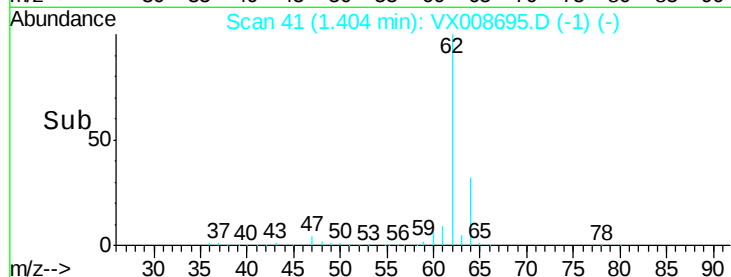
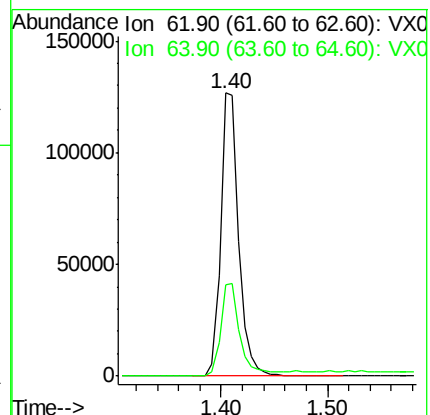
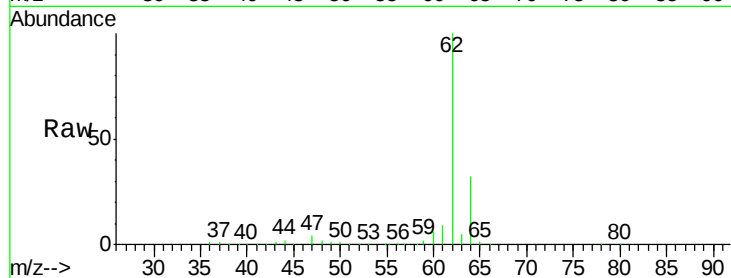
ST006MW148-190402

Tot Ion: 62 Resp: 147285

Ion Ratio Lower Upper

62 100

64 32.4 24.7 37.1



#5

Bromomethane

Concen: 2.064 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX008695.D

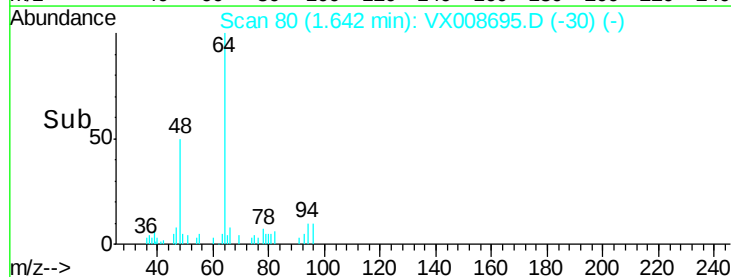
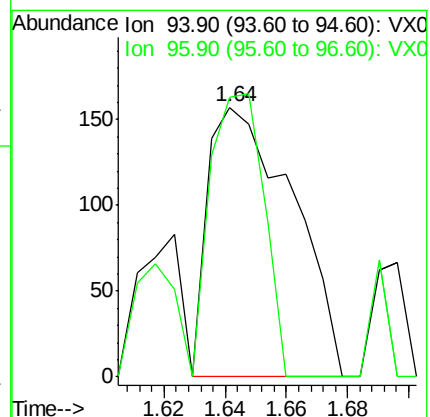
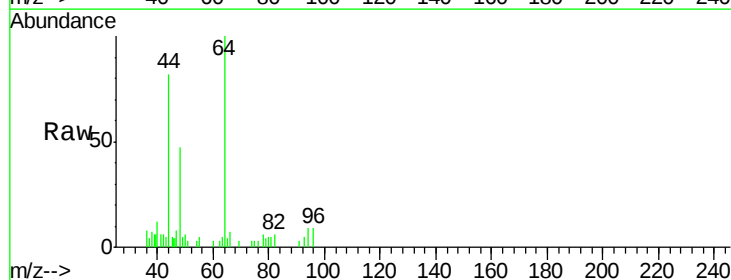
Acq: 05 Apr 2019 20:29

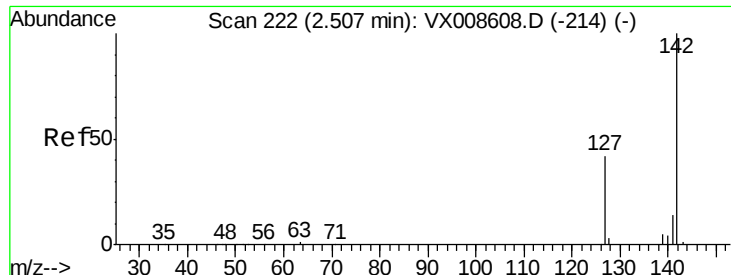
Tgt Ion: 94 Resp: 302

Ion Ratio Lower Upper

94 100

96 103.8 75.2 112.8

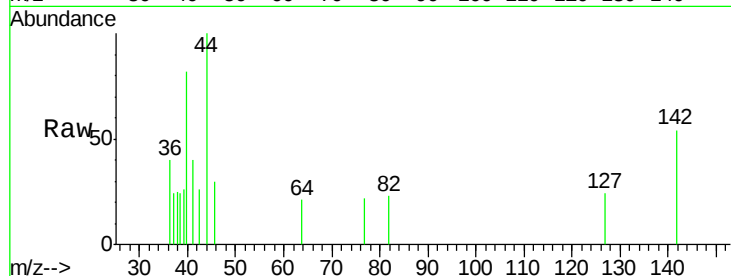




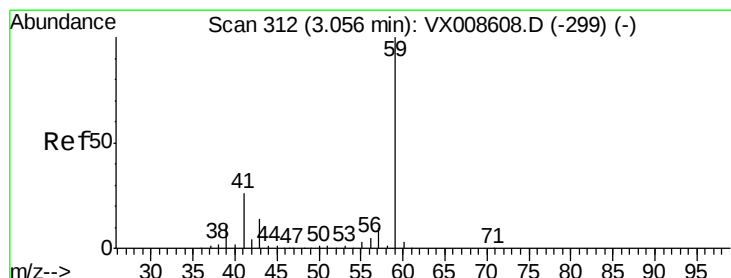
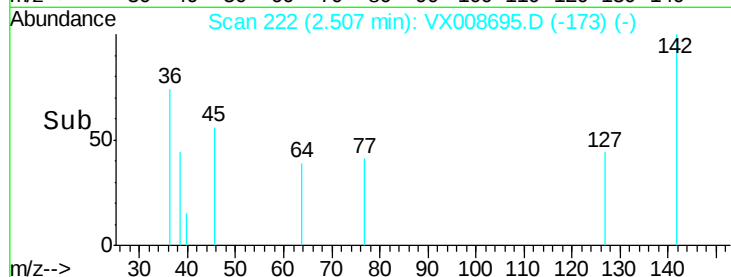
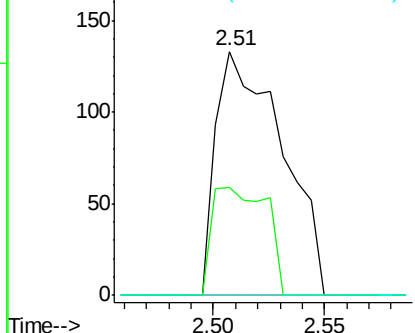
#10
Methvl Iodide
Concen: 4.121 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX008695.D
Acq: 05 Apr 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
ST006MW148-190402

Tot Ion:142 Resp: 275
Ion Ratio Lower Upper
142 100
127 36.4 33.0 49.6
141 0.0 11.4 17.2#

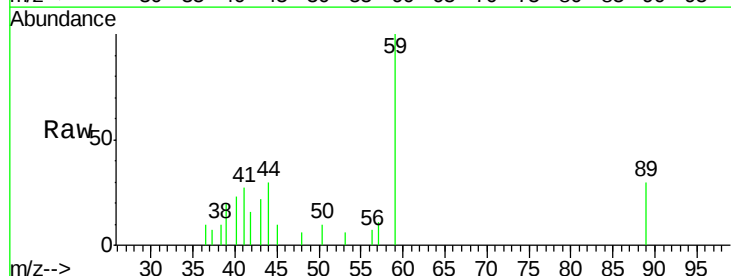


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

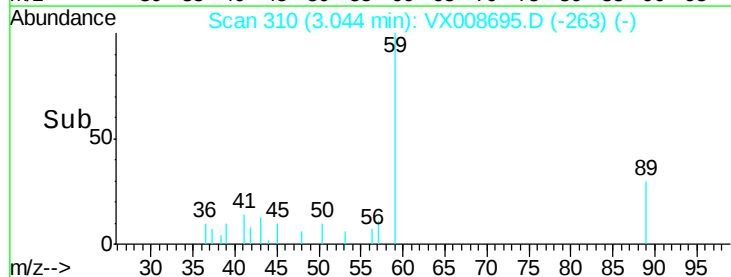
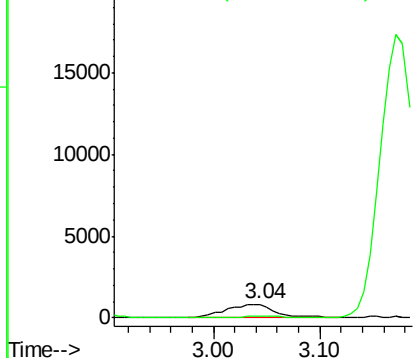


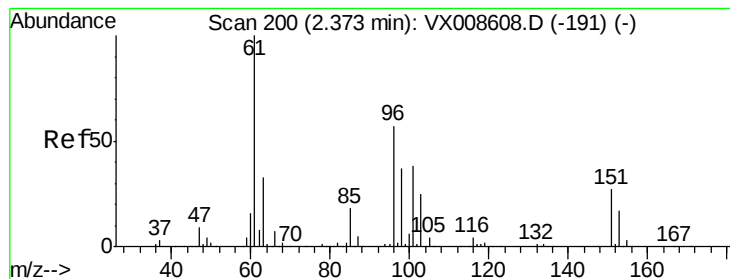
#11
Tert butyl alcohol
Concen: 3.786 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX008695.D
Acq: 05 Apr 2019 20:29

Tgt Ion: 59 Resp: 2742
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#12

1,1-Dichloroethene

Concen: 0.245 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX008695.D

Acq: 05 Apr 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

ST006MW148-190402

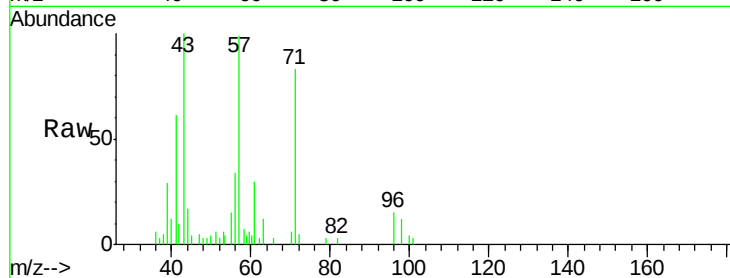
Tot Ion: 96 Resp: 601

Ion Ratio Lower Upper

96 100

61 193.9 140.9 211.3

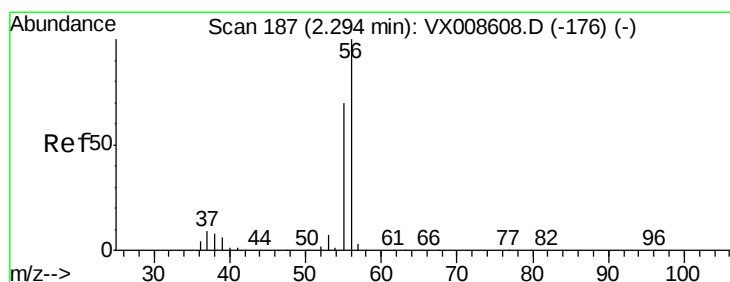
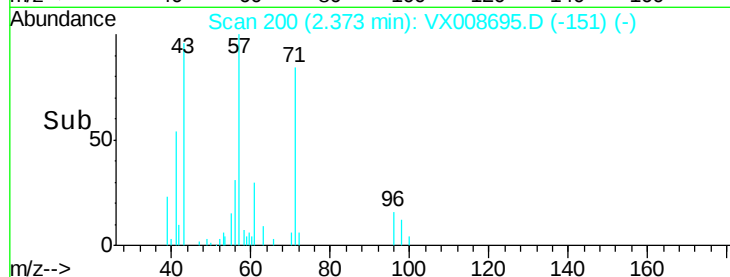
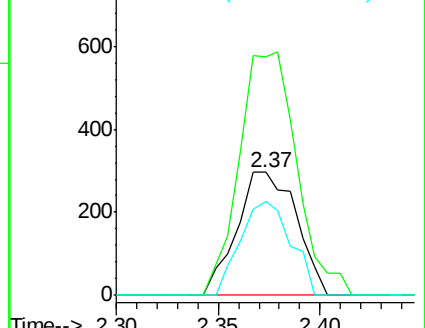
98 76.1 52.1 78.1



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



#13

Acrolein

Concen: 0.401 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX008695.D

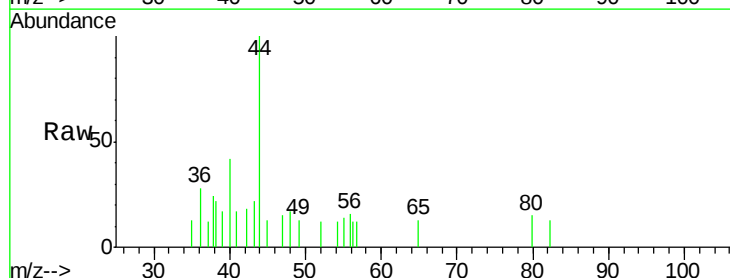
Acq: 05 Apr 2019 20:29

Tgt Ion: 56 Resp: 144

Ion Ratio Lower Upper

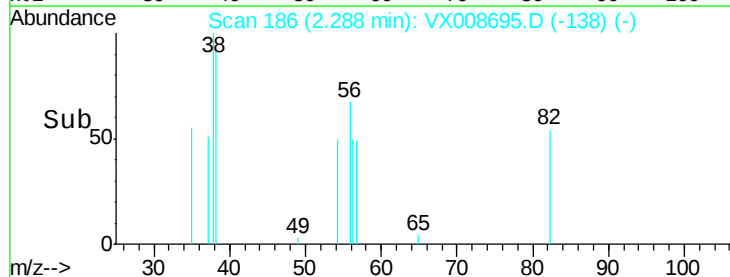
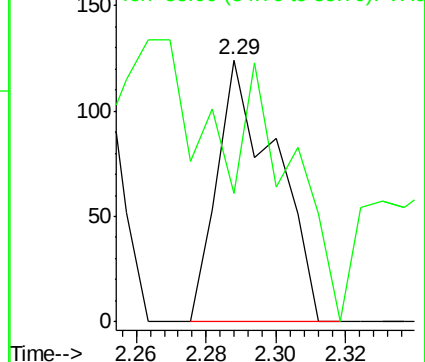
56 100

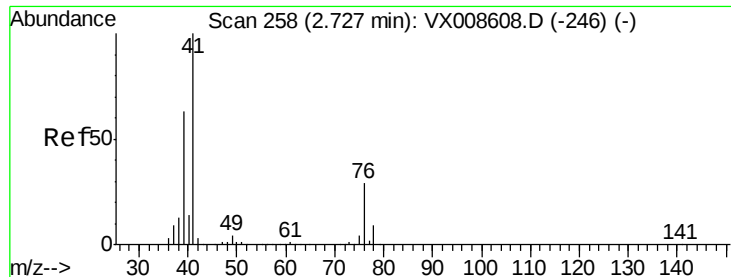
55 0.0 58.0 87.0#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#14

Allvl chloride

Concen: 11.971 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.12 min

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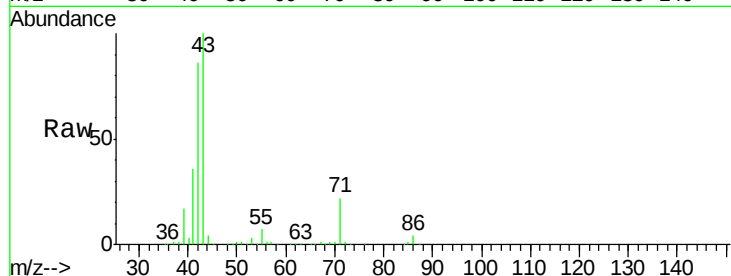
Tot Ion: 41 Resp: 67195

Ion Ratio Lower Upper

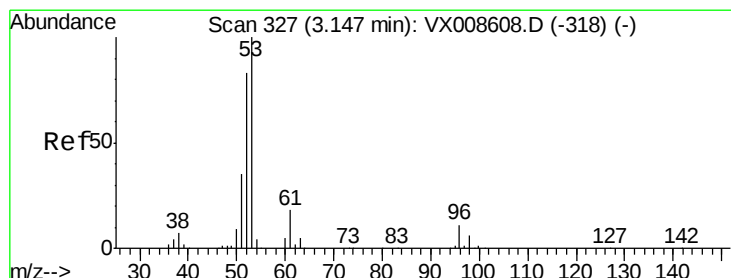
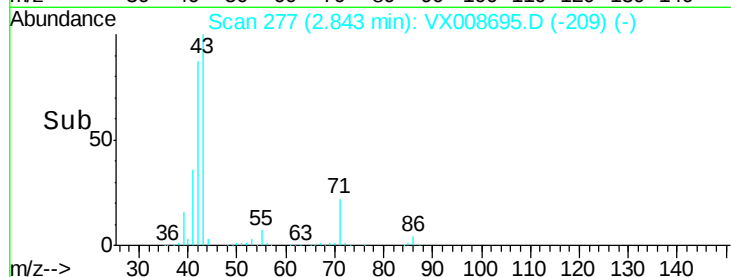
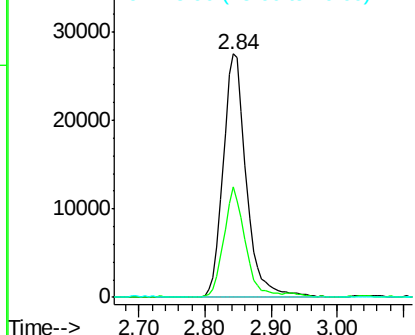
41 100

39 41.0 48.0 72.0#

76 0.0 22.0 33.0#



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0



#15

Acrylonitrile

Concen: 0.828 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.02 min

Lab File: VX008695.D

Acq: 05 Apr 2019 20:29

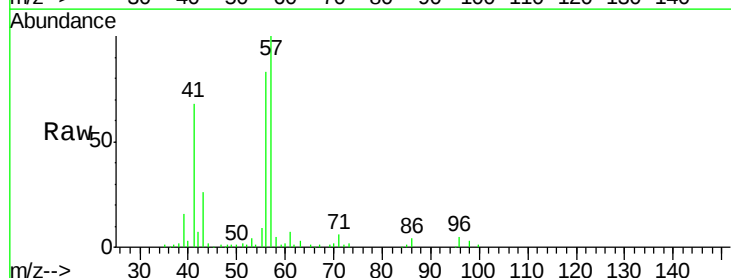
Tgt Ion: 53 Resp: 1588

Ion Ratio Lower Upper

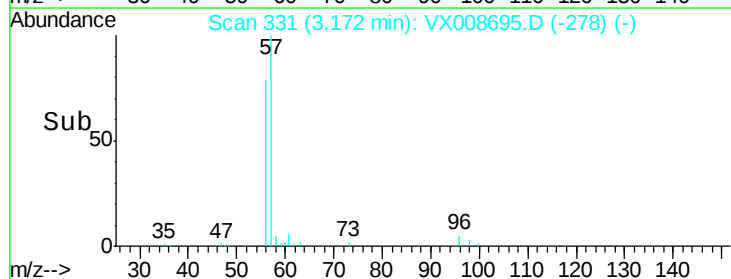
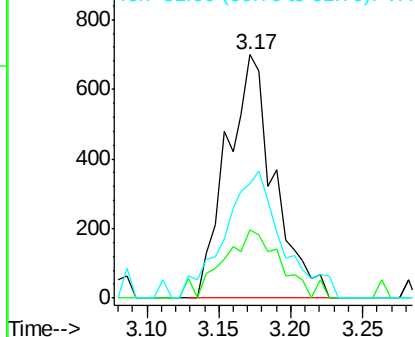
53 100

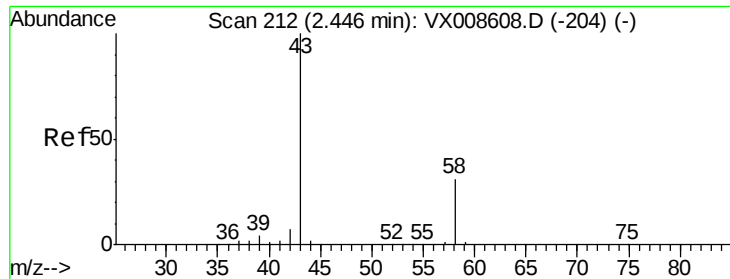
52 34.4 66.5 99.7#

51 63.3 28.6 42.8#



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: 0.891 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

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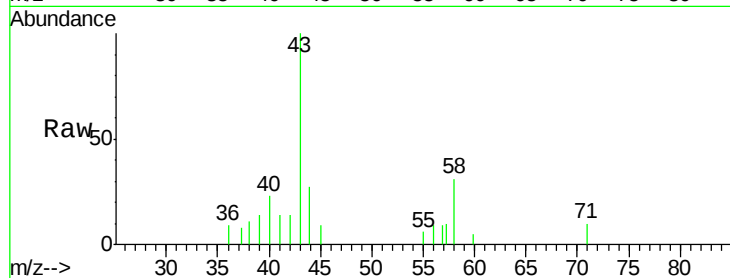
ST006MW148-190402

Tot Ion: 43 Resp: 1587

Ion Ratio Lower Upper

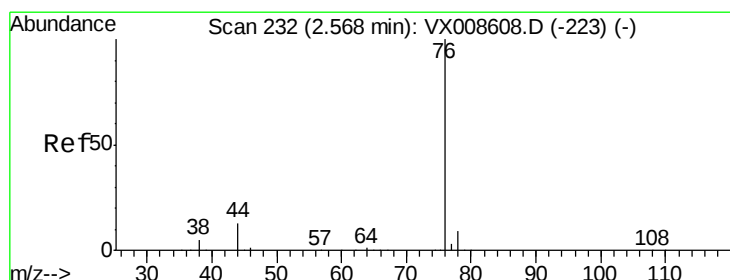
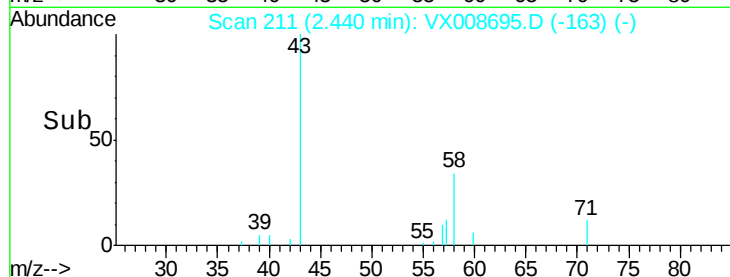
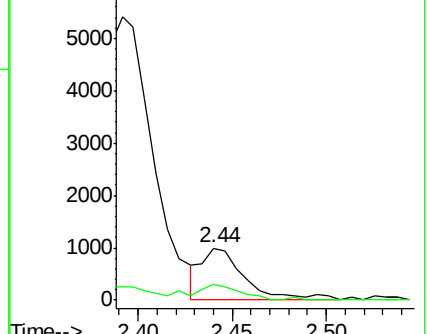
43 100

58 30.6 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: Below Cal

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008695.D

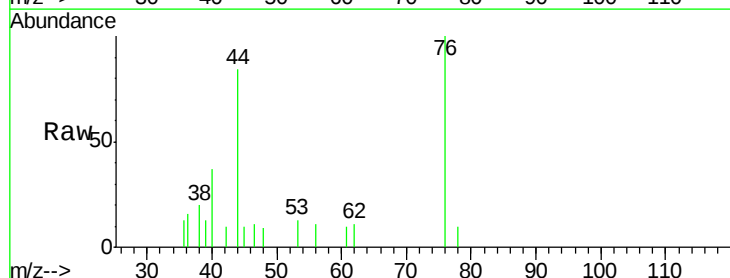
Acq: 05 Apr 2019 20:29

Tgt Ion: 76 Resp: 1129

Ion Ratio Lower Upper

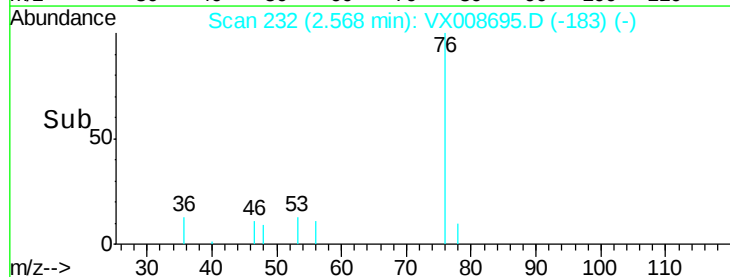
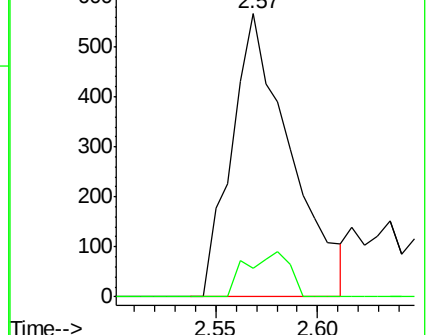
76 100

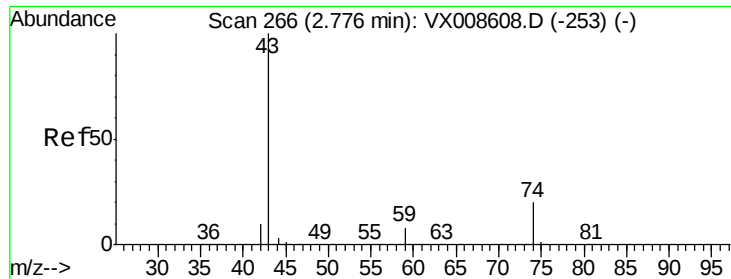
78 10.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

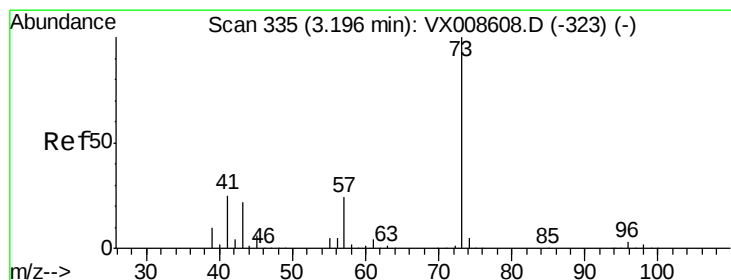
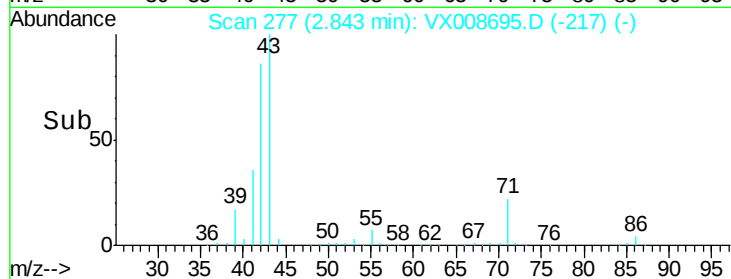
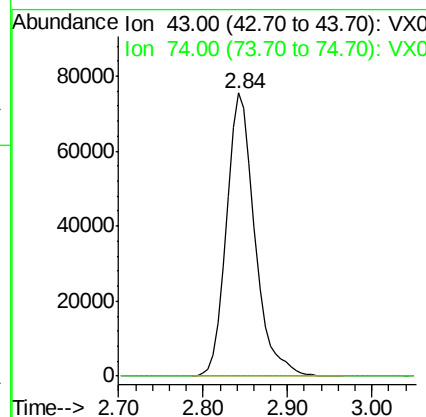
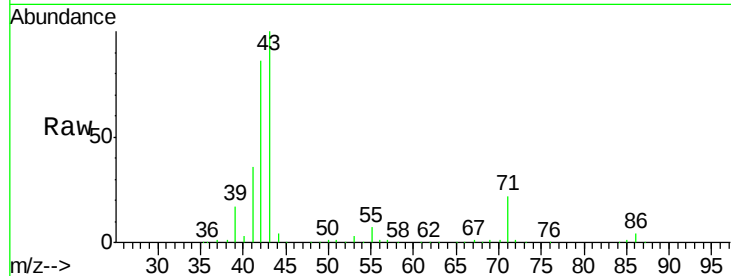




#18
Methyl Acetate
Concen: 39.906 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.07 min
Lab File: VX008695.D
Acq: 05 Apr 2019 20:29

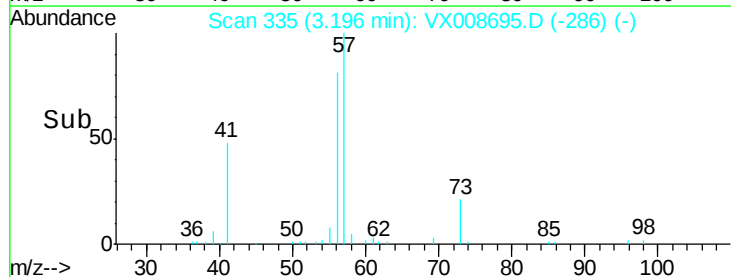
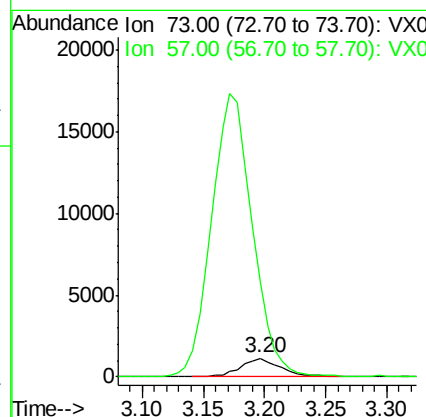
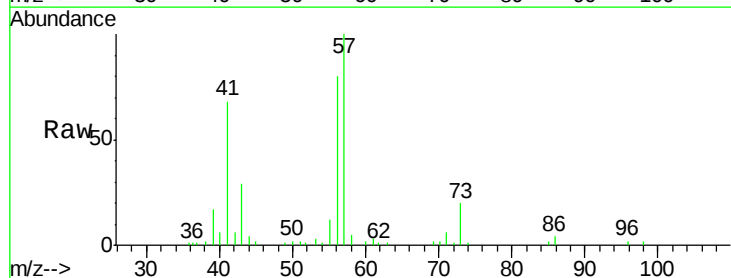
Instrument :
MSVOA_X
ClientSampleId :
ST006MW148-190402

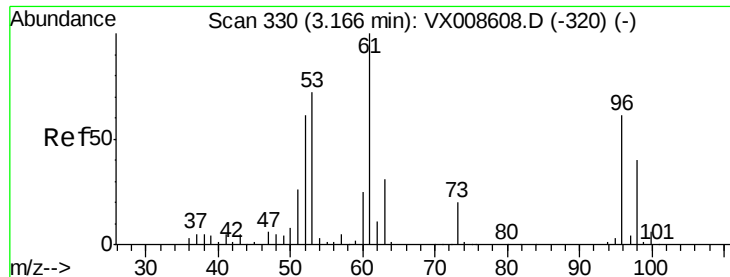
Tot Ion: 43 Resp: 172446
Ion Ratio Lower Upper
43 100
74 0.0 16.5 24.7#



#19
Methyl tert-butyl Ether
Concen: 0.296 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008695.D
Acq: 05 Apr 2019 20:29

Tgt Ion: 73 Resp: 2591
Ion Ratio Lower Upper
73 100
57 504.9 19.5 29.3#





#21

trans-1,2-Dichloroethene

Concen: 0.664 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008695.D

Acq: 05 Apr 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

ST006MW148-190402

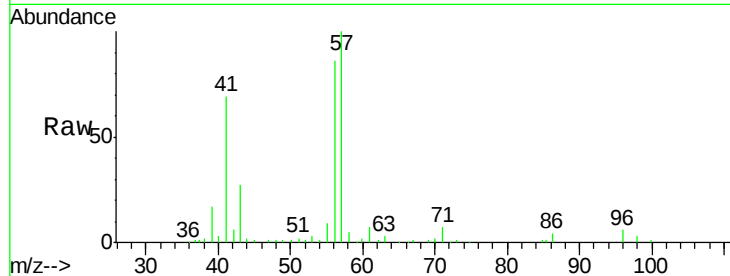
Tot Ion: 96 Resp: 1760

Ion Ratio Lower Upper

96 100

61 126.4 132.1 198.1#

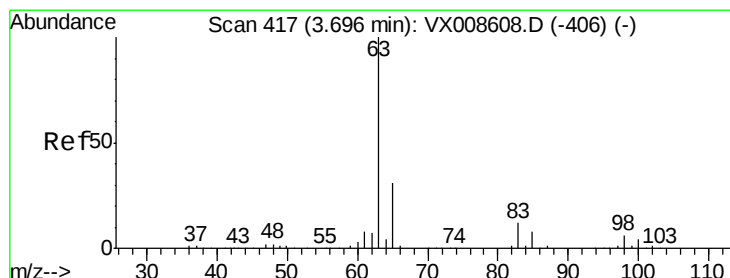
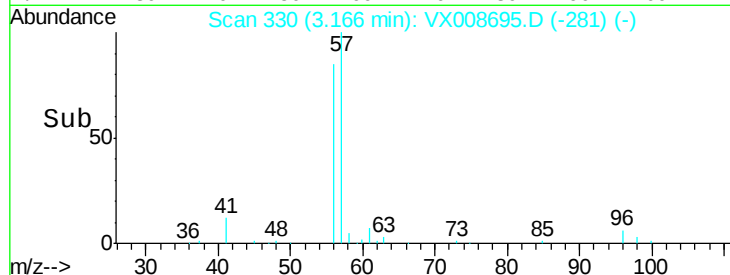
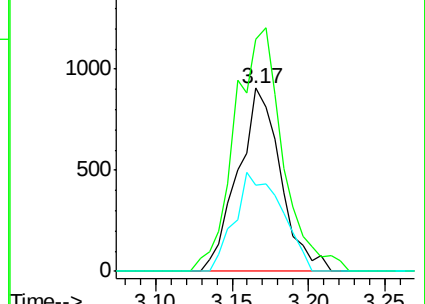
98 47.2 52.2 78.2#



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



#24

1,1-Dichloroethane

Concen: 0.683 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX008695.D

Acq: 05 Apr 2019 20:29

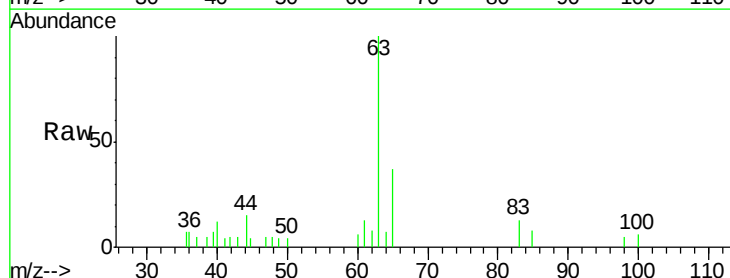
Tgt Ion: 63 Resp: 3660

Ion Ratio Lower Upper

63 100

98 5.3 2.8 8.4

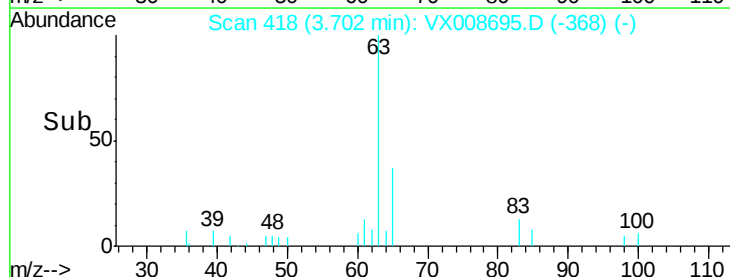
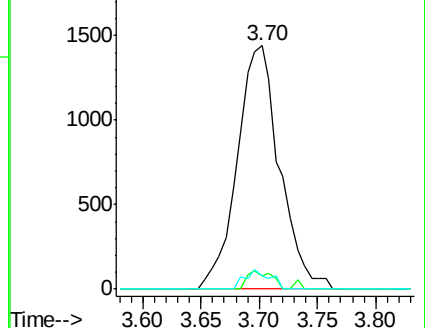
100 5.7 1.8 5.5#

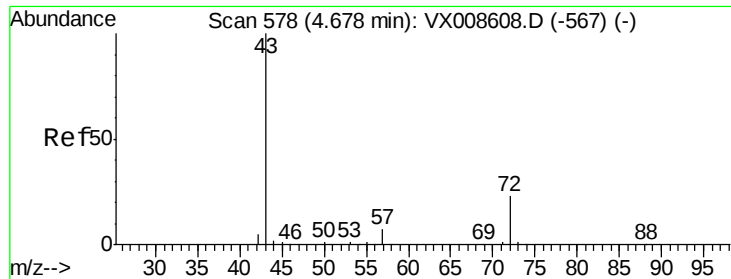


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 0.546 ug/l

RT: 4.80 min Scan# 598

Delta R.T. 0.12 min

Lab File: VX008695.D

Acq: 05 Apr 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

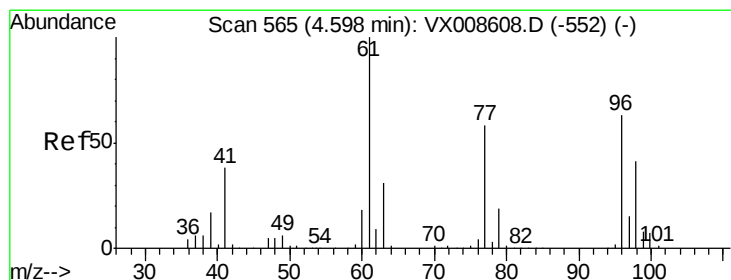
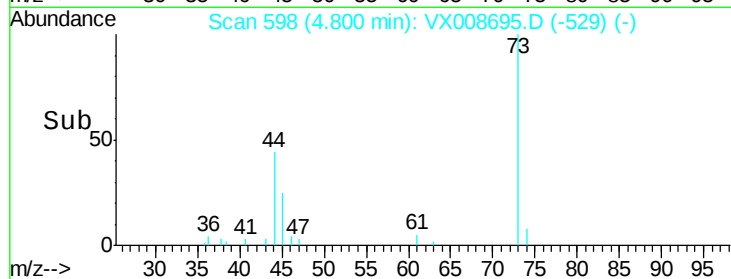
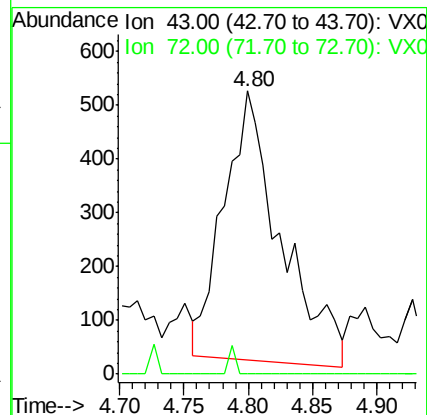
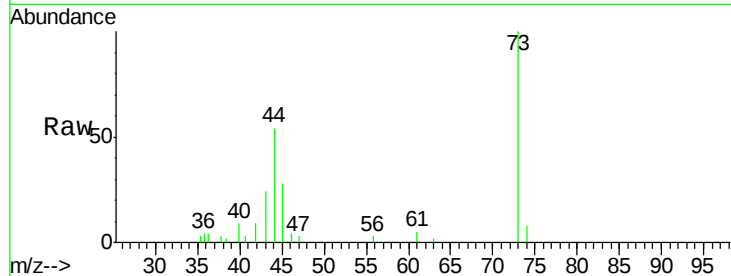
ST006MW148-190402

Tot Ion: 43 Resp: 1538

Ion Ratio Lower Upper

43 100

72 0.0 18.2 27.4#



#27

cis-1,2-Dichloroethene

Concen: 46.468 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX008695.D

Acq: 05 Apr 2019 20:29

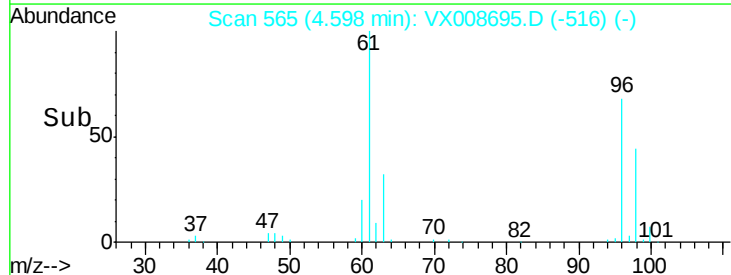
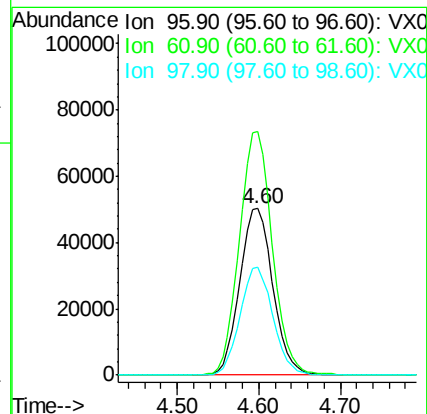
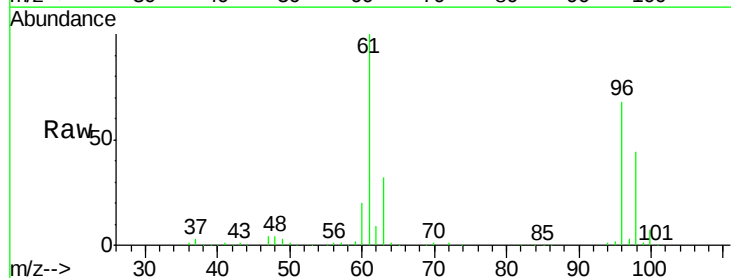
Tgt Ion: 96 Resp: 141694

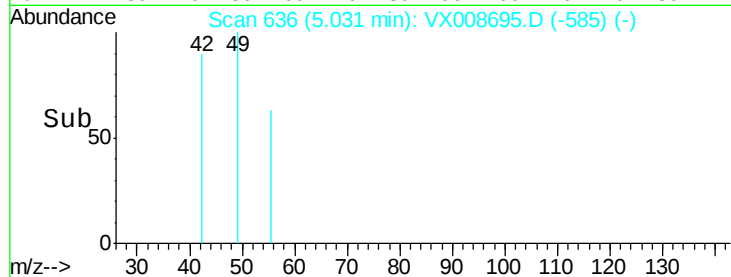
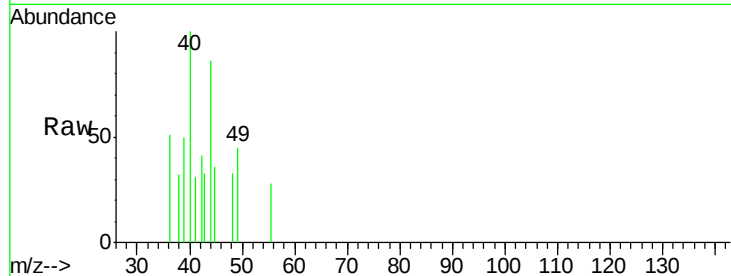
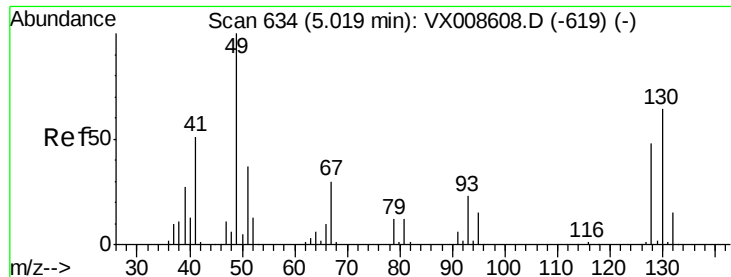
Ion Ratio Lower Upper

96 100

61 145.4 0.0 327.6

98 64.4 0.0 128.6





#28

Bromochloromethane

Concen: Below Cal

RT: 5.03 min Scan# 636

Delta R.T. 0.01 min

Lab File: VX008695.D

Acq: 05 Apr 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

ST006MW148-190402

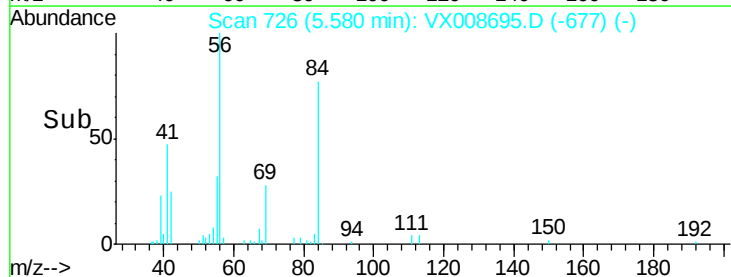
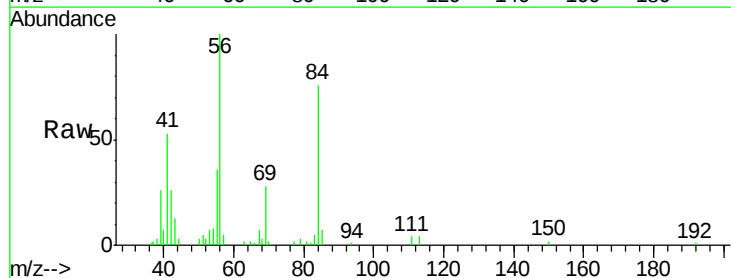
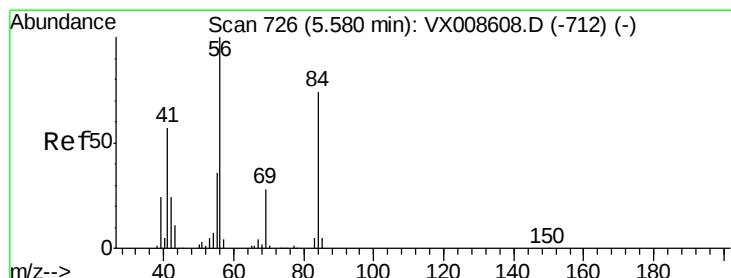
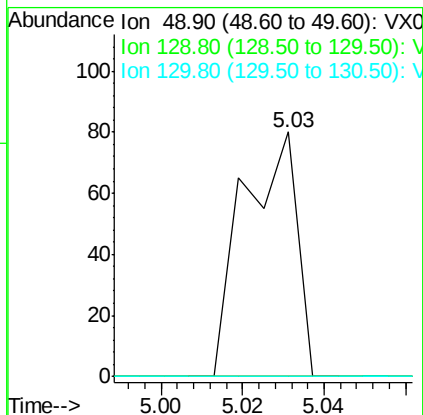
Tot Ion: 49 Resp: 73

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

130 0.0 49.3 73.9#



#31

Cyclohexane

Concen: 3.425 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008695.D

Acq: 05 Apr 2019 20:29

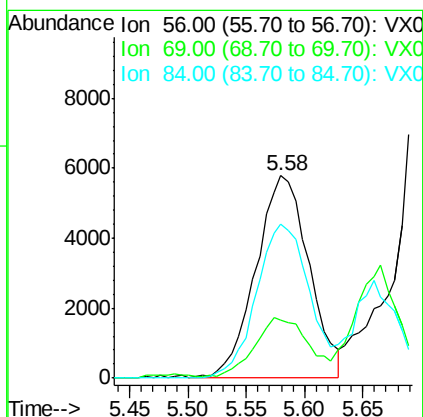
Tgt Ion: 56 Resp: 18308

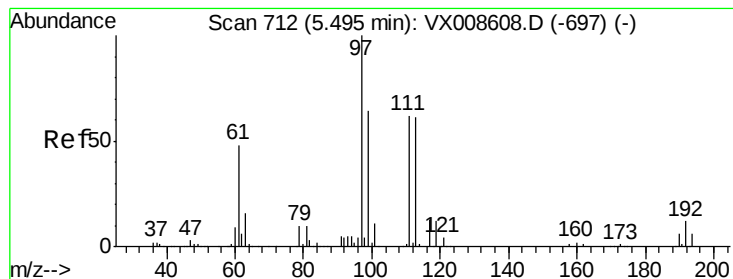
Ion Ratio Lower Upper

56 100

69 26.7 22.6 33.8

84 76.3 59.3 88.9





#32

1,1,1-Trichloroethane

Concen: 0.814 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX008695.D

Acq: 05 Apr 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

ST006MW148-190402

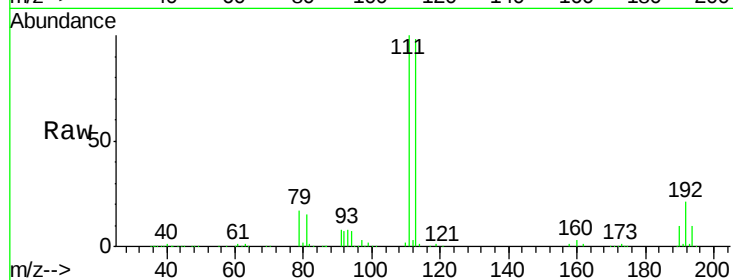
Tot Ion: 97 Resp: 3148

Ion Ratio Lower Upper

97 100

99 0.0 51.3 76.9#

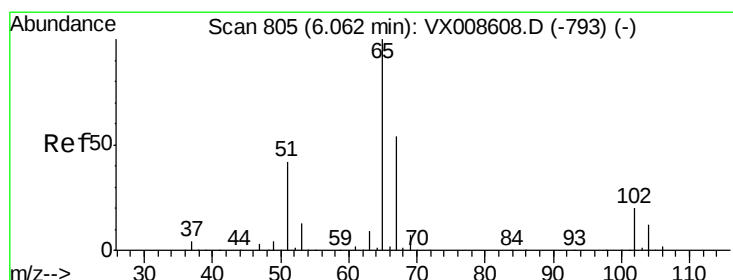
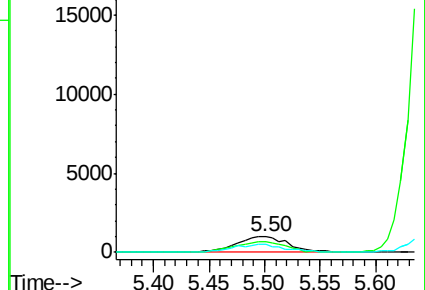
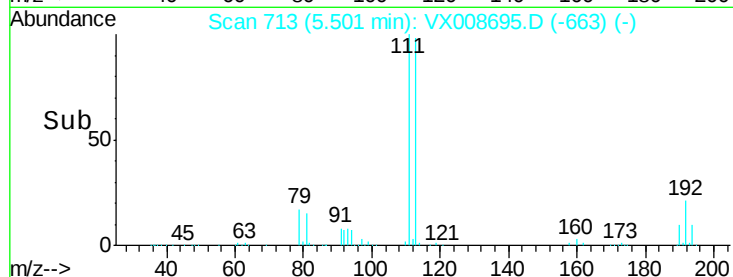
61 51.5 38.9 58.3



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: 46.434 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008695.D

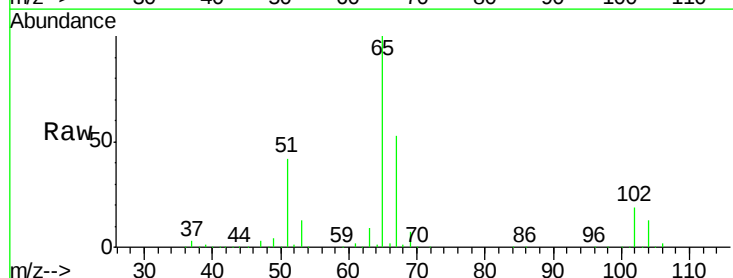
Acq: 05 Apr 2019 20:29

Tgt Ion: 65 Resp: 143643

Ion Ratio Lower Upper

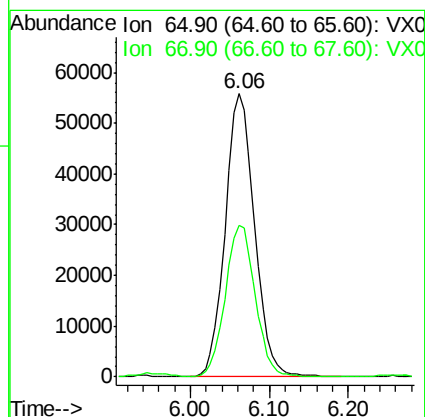
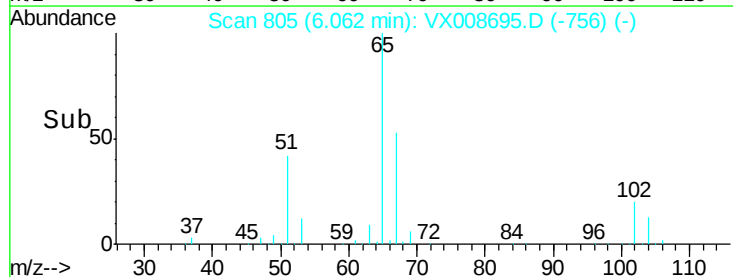
65 100

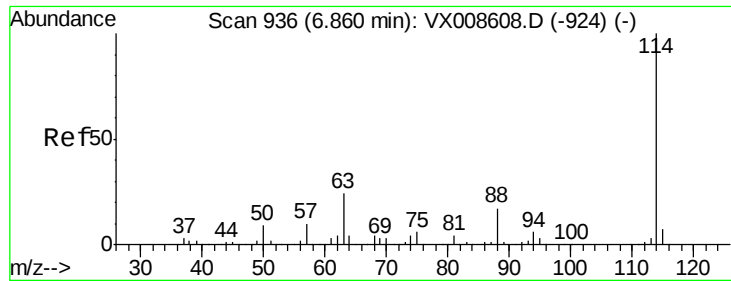
67 54.6 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

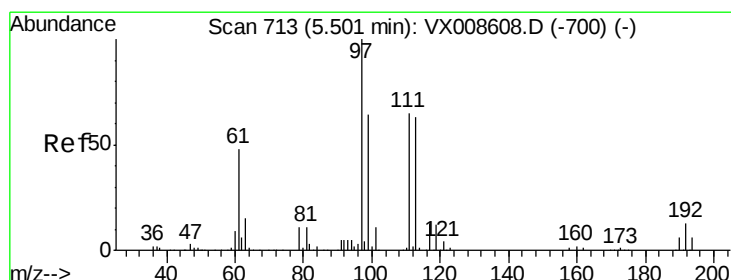
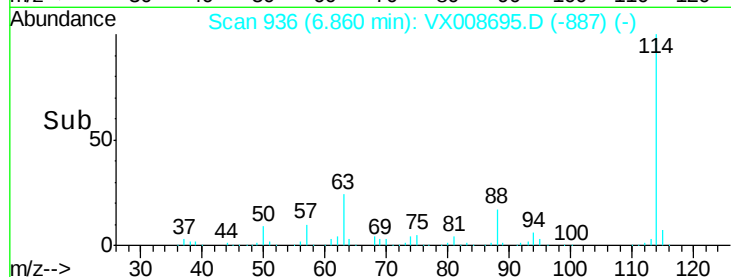
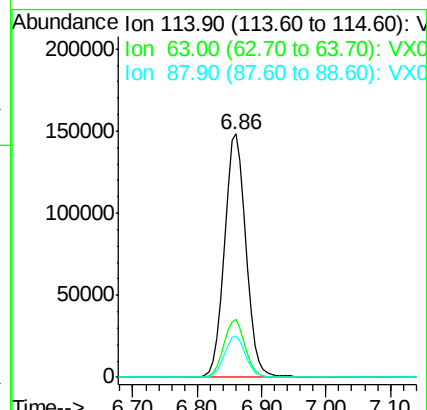
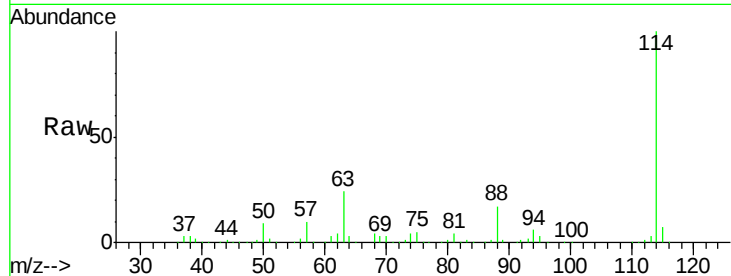




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008695.D
 Acq: 05 Apr 2019 20:29

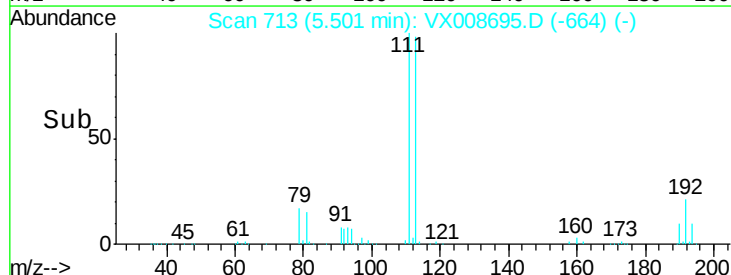
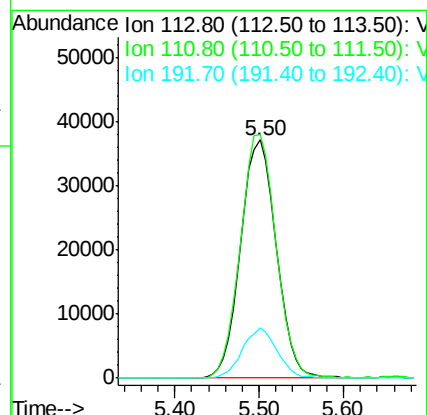
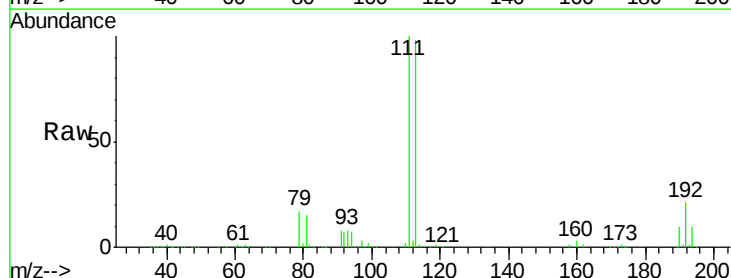
Instrument :
 MSVOA_X
 ClientSampleId :
 ST006MW148-190402

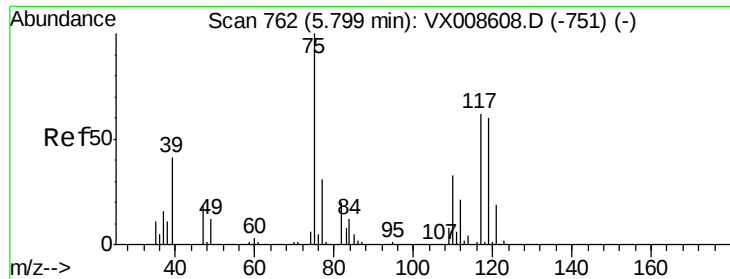
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.9	0.0	47.2
88	16.8	0.0	34.0



#35
 Dibromofluoromethane
 Concen: 47.395 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008695.D
 Acq: 05 Apr 2019 20:29

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.4	125.2
192	20.5	16.1	24.1

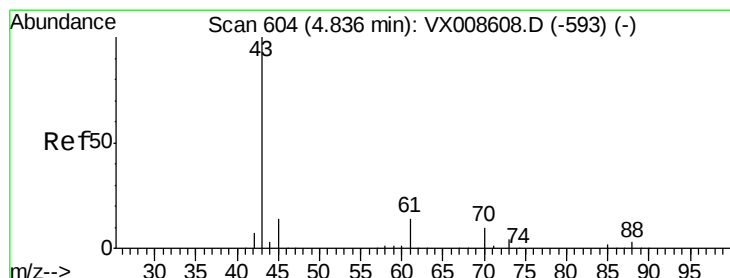
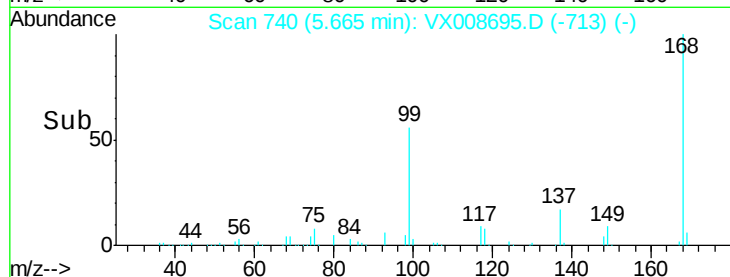
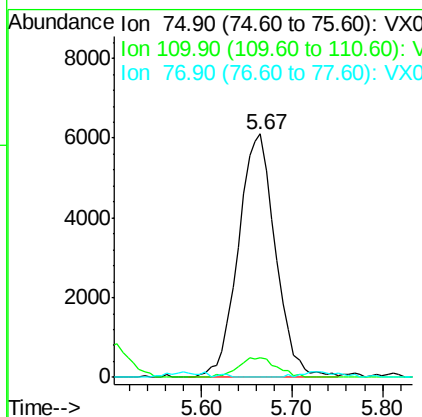
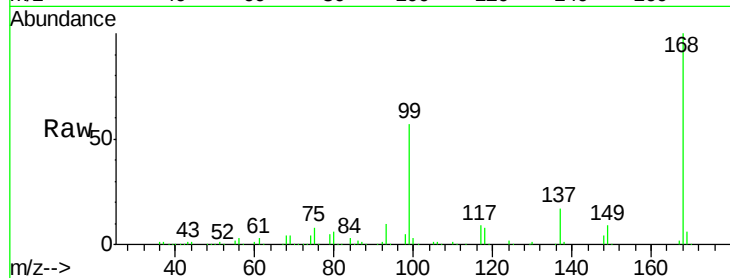




#36
 1,1-Dichloropropene
 Concen: 4.500 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX008695.D
 Acq: 05 Apr 2019 20:29

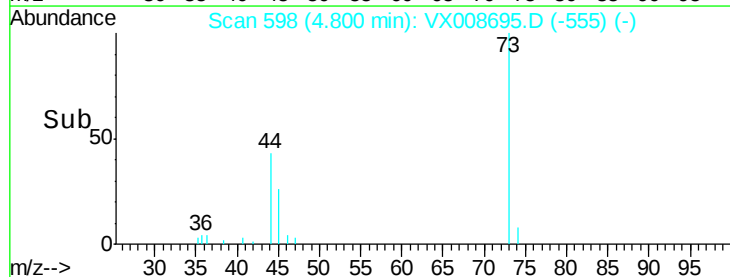
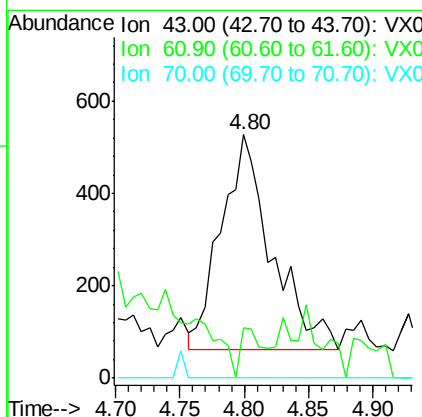
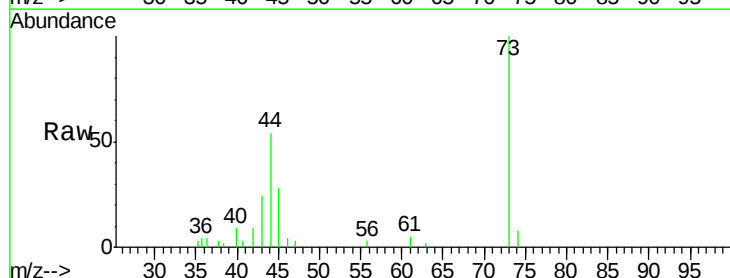
Instrument :
 MSVOA_X
 ClientSampleId :
 ST006MW148-190402

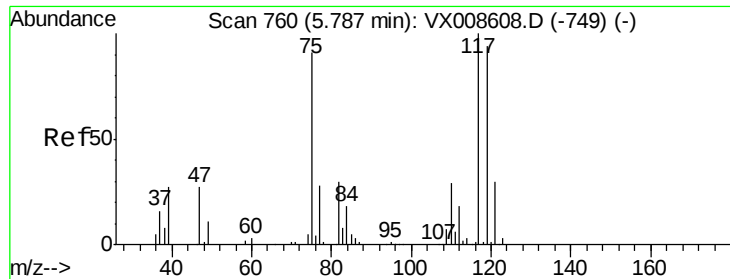
Tot Ion	75	Resp	17307
Ion Ratio	Lower	Upper	
75	100		
110	8.3	16.4	49.2#
77	0.0	24.7	37.1#



#37
 Ethyl Acetate
 Concen: 0.247 ug/l
 RT: 4.80 min Scan# 598
 Delta R.T. -0.04 min
 Lab File: VX008695.D
 Acq: 05 Apr 2019 20:29

Tgt Ion	43	Resp	1267
Ion Ratio	Lower	Upper	
43	100		
61	0.0	10.3	15.5#
70	0.0	7.6	11.4#





#38

Carbon Tetrachloride

Concen: 6.400 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX008695.D

Acq: 05 Apr 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

ST006MW148-190402

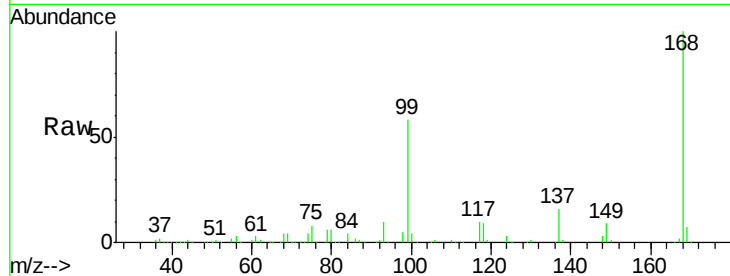
Tot Ion:117 Resp: 20373

Ion Ratio Lower Upper

117 100

119 5.1 75.0 112.6#

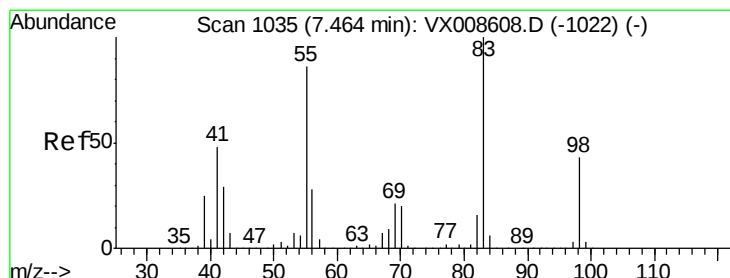
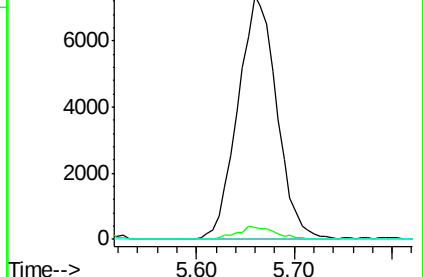
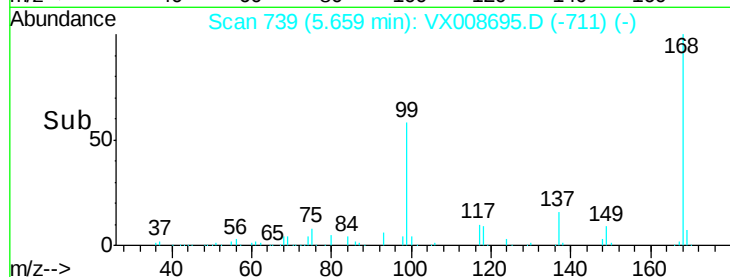
121 0.0 24.3 36.5#



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: 8.874 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX008695.D

Acq: 05 Apr 2019 20:29

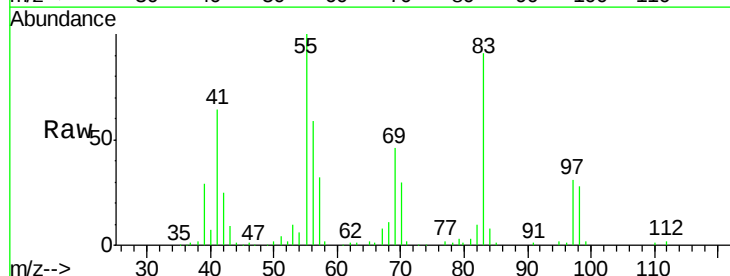
Tgt Ion: 83 Resp: 42164

Ion Ratio Lower Upper

83 100

55 109.8 69.0 103.6#

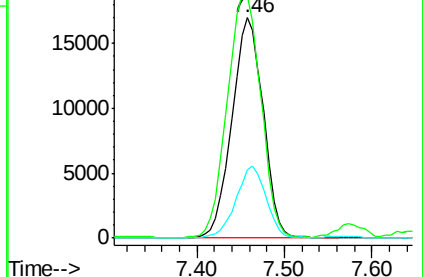
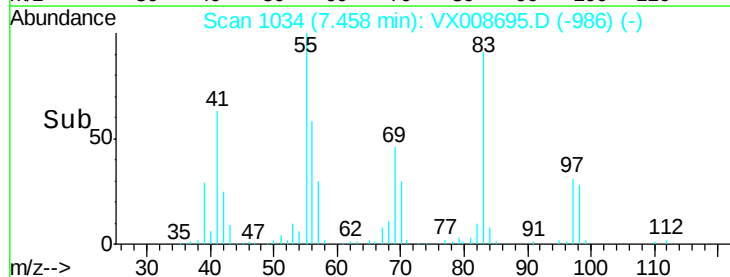
98 30.9 34.4 51.6#

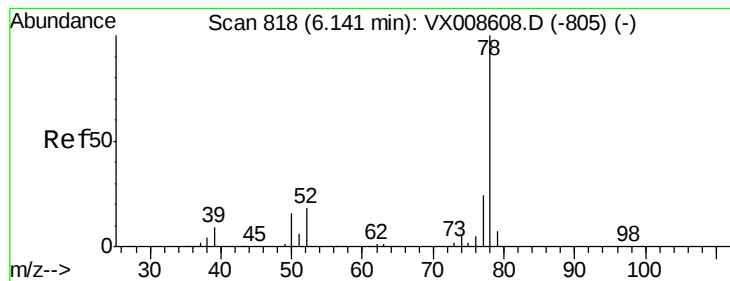


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.887 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX008695.D

Acq: 05 Apr 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

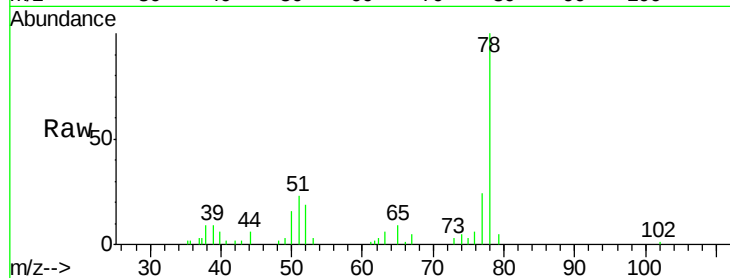
ST006MW148-190402

Tot Ion: 78 Resp: 10163

Ion Ratio Lower Upper

78 100

77 24.2 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.14

4000

3000

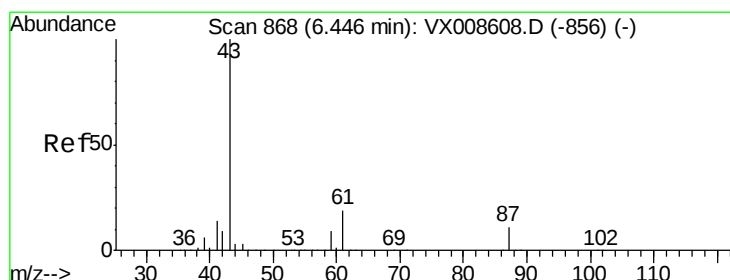
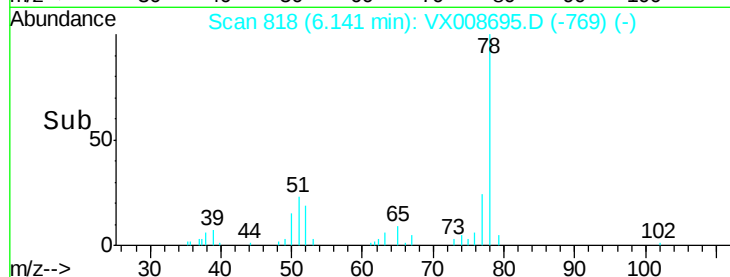
2000

1000

0

6.10 6.20

Time-->



#43

Isopropyl Acetate

Concen: 7.458 ug/l

RT: 6.35 min Scan# 852

Delta R.T. -0.10 min

Lab File: VX008695.D

Acq: 05 Apr 2019 20:29

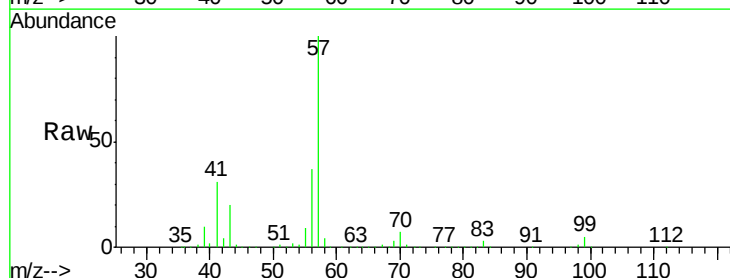
Tgt Ion: 43 Resp: 59977

Ion Ratio Lower Upper

43 100

61 0.1 15.3 22.9#

87 0.0 9.0 13.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

6.35

20000

15000

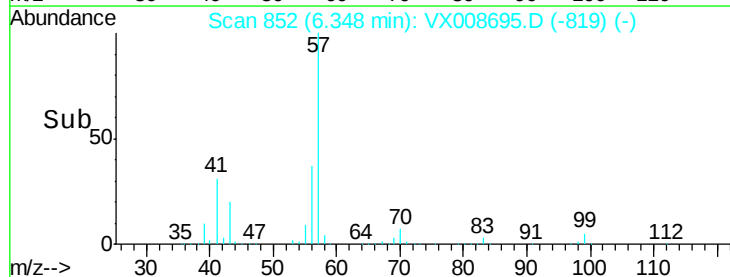
10000

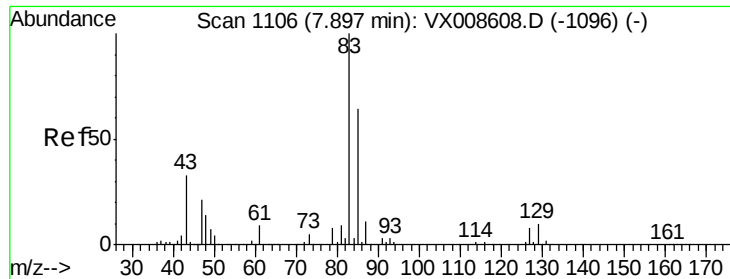
5000

0

6.10 6.20 6.30 6.40 6.50

Time-->





#47

Bromodichloromethane

Concen: 0.496 ug/l

RT: 7.84 min Scan# 1097

Delta R.T. -0.05 min

Lab File: VX008695.D

Acq: 05 Apr 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

ST006MW148-190402

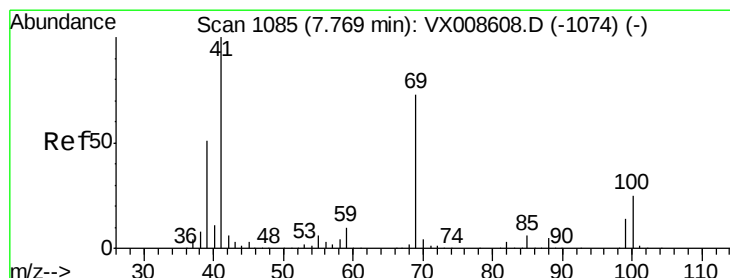
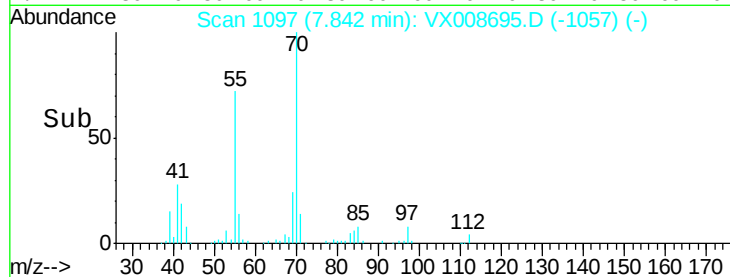
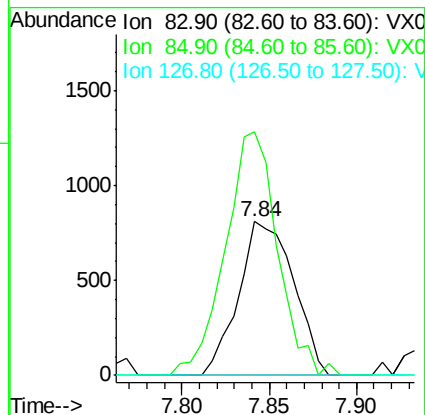
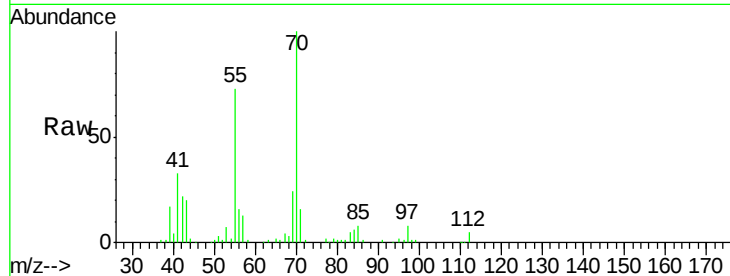
Tot Ion: 83 Resp: 1774

Ion Ratio Lower Upper

83 100

85 158.6 51.2 76.8#

127 0.0 6.6 10.0#



#48

Methyl methacrylate

Concen: 0.279 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.04 min

Lab File: VX008695.D

Acq: 05 Apr 2019 20:29

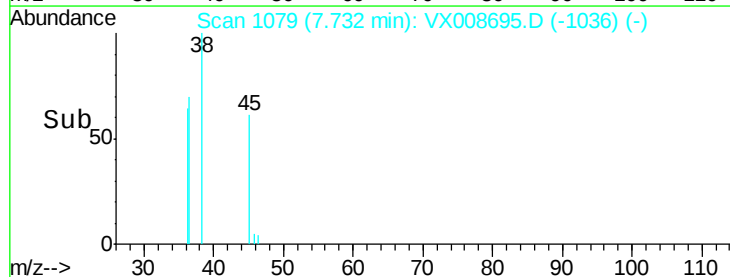
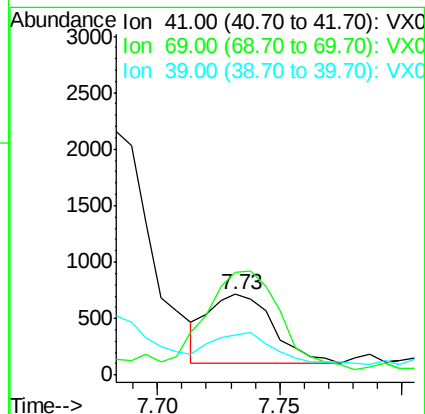
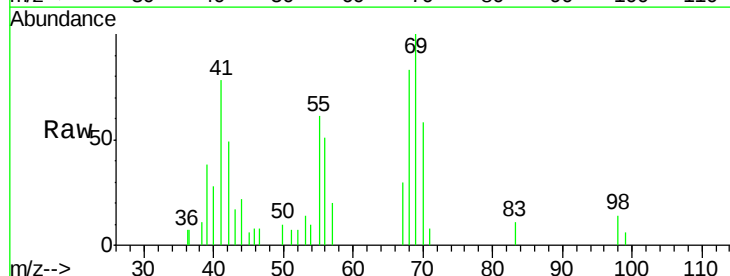
Tgt Ion: 41 Resp: 1135

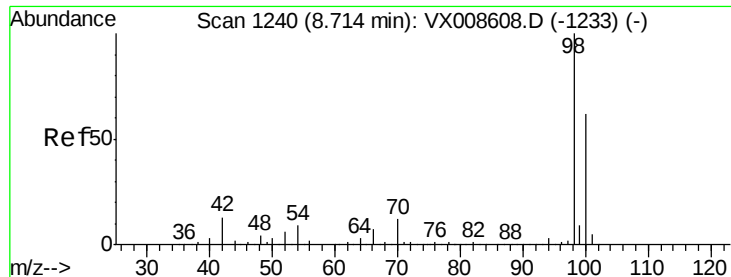
Ion Ratio Lower Upper

41 100

69 160.6 59.0 88.4#

39 58.2 41.0 61.4

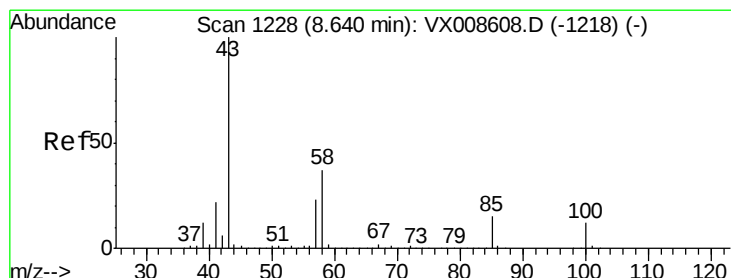
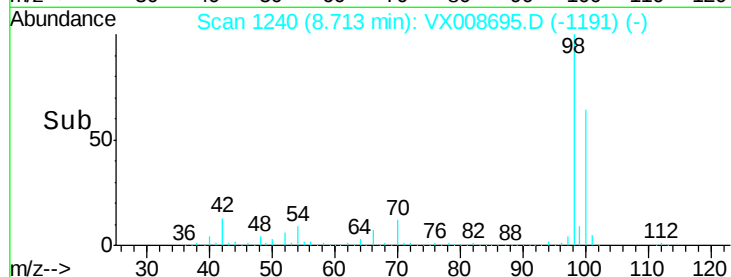
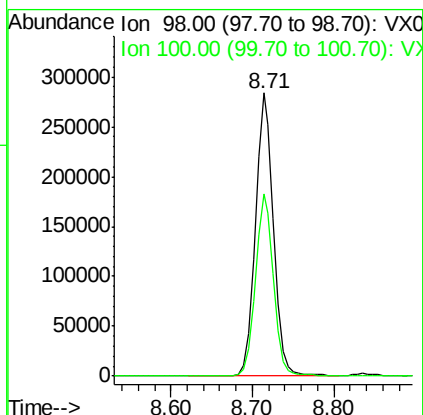
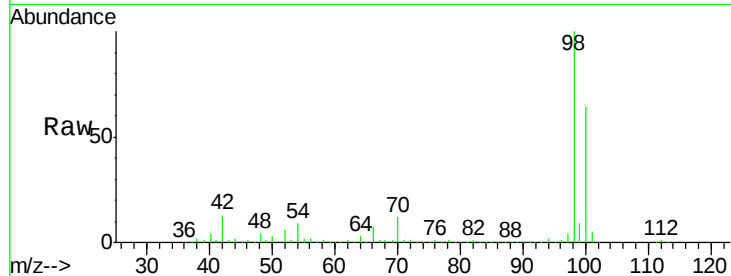




#50
Toluene-d8
Concen: 49.750 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008695.D
Acq: 05 Apr 2019 20:29

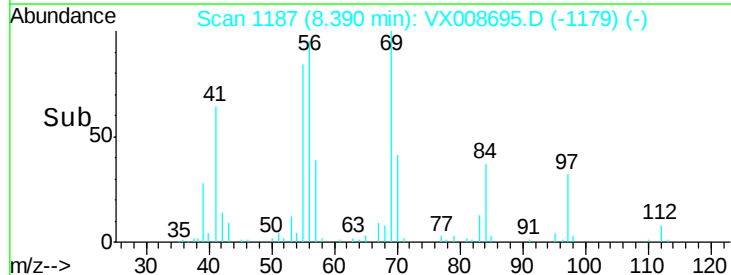
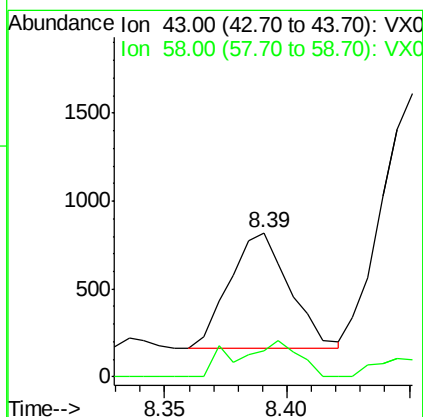
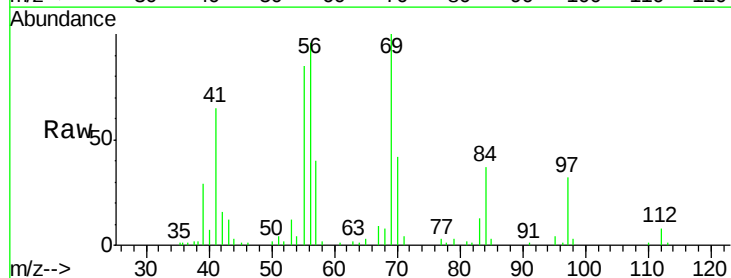
Instrument :
MSVOA_X
ClientSampleId :
ST006MW148-190402

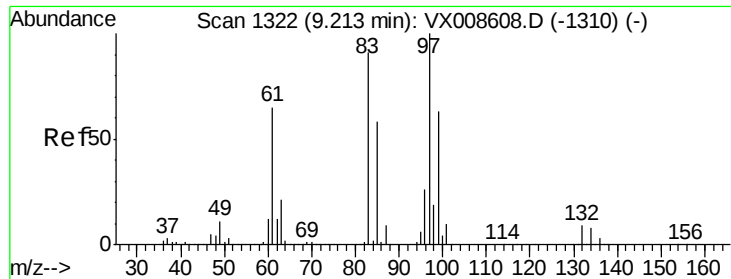
Tot Ion: 98 Resp: 445653
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.215 ug/l
RT: 8.39 min Scan# 1187
Delta R.T. -0.25 min
Lab File: VX008695.D
Acq: 05 Apr 2019 20:29

Tgt Ion: 43 Resp: 1115
Ion Ratio Lower Upper
43 100
58 32.4 29.5 44.3

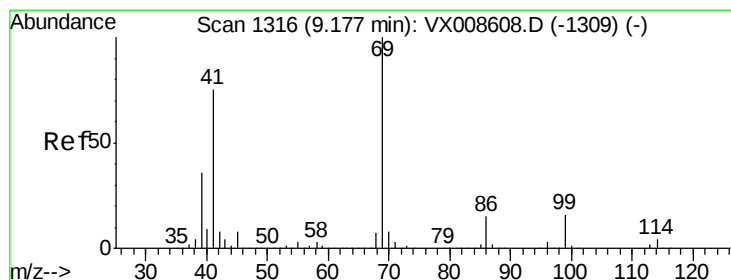
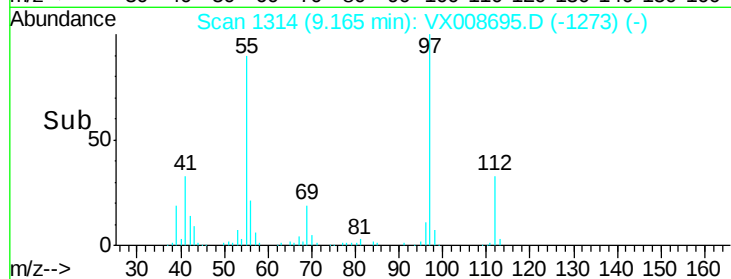
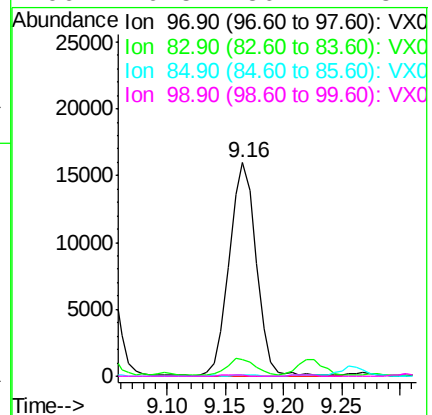
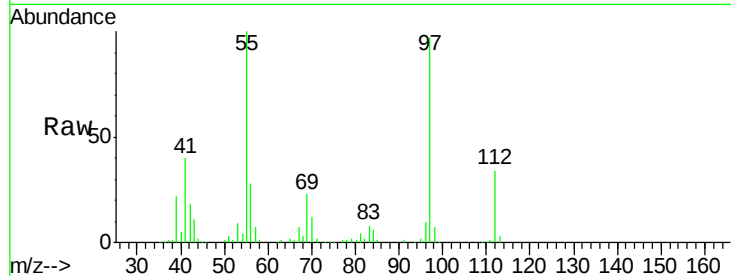




#55
 1,1,2-Trichloroethane
 Concen: 9.562 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX008695.D
 Acq: 05 Apr 2019 20:29

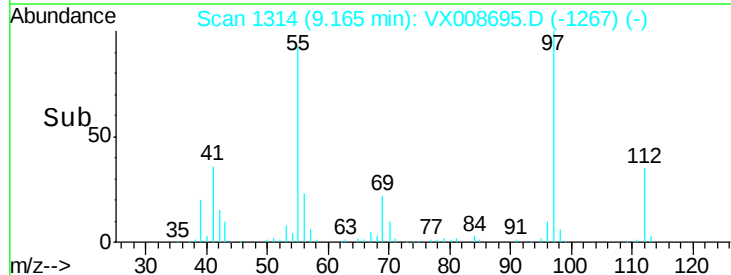
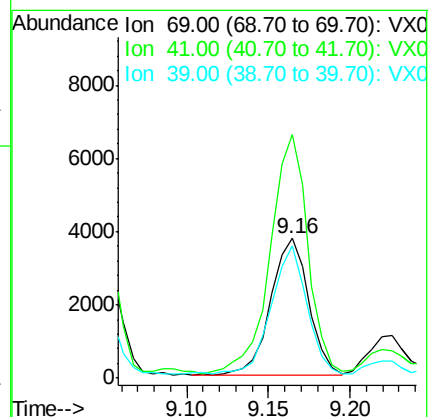
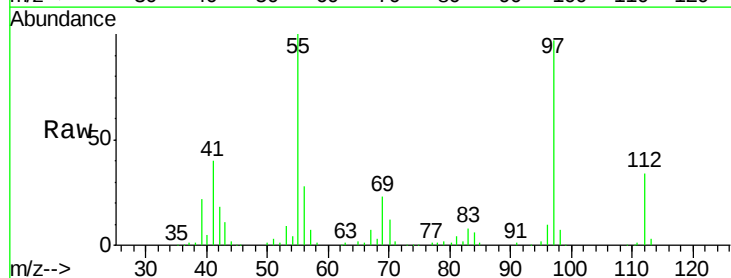
Instrument :
 MSVOA_X
 ClientSampleId :
 ST006MW148-190402

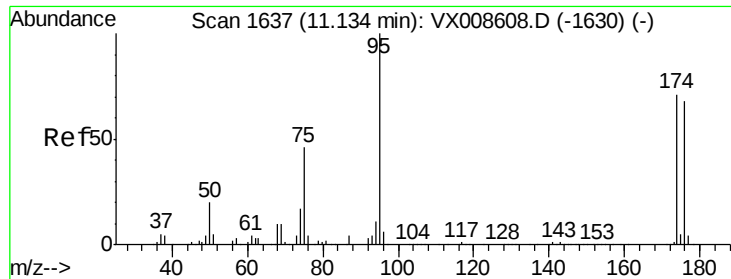
Tot Ion: 97 Resp: 25930
 Ion Ratio Lower Upper
 97 100
 83 7.6 73.2 109.8#
 85 0.9 46.6 69.8#
 99 0.5 50.1 75.1#



#56
 Ethyl methacrylate
 Concen: 1.245 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: VX008695.D
 Acq: 05 Apr 2019 20:29

Tgt Ion: 69 Resp: 6110
 Ion Ratio Lower Upper
 69 100
 41 169.3 60.1 90.1#
 39 86.7 28.9 43.3#





#62

4-Bromofluorobenzene

Concen: 47.979 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008695.D

Acq: 05 Apr 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

ST006MW148-190402

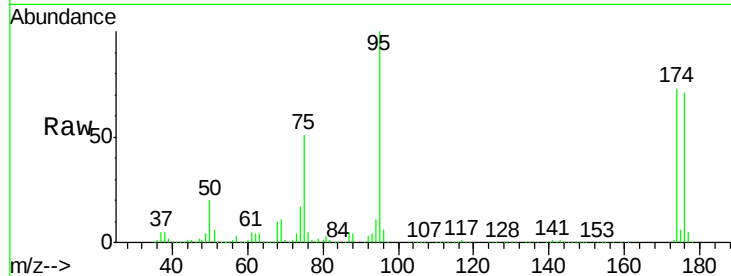
Tot Ion: 95 Resp: 152410

Ion Ratio Lower Upper

95 100

174 77.2 0.0 151.8

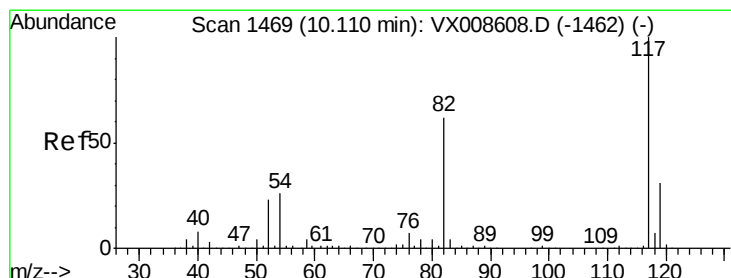
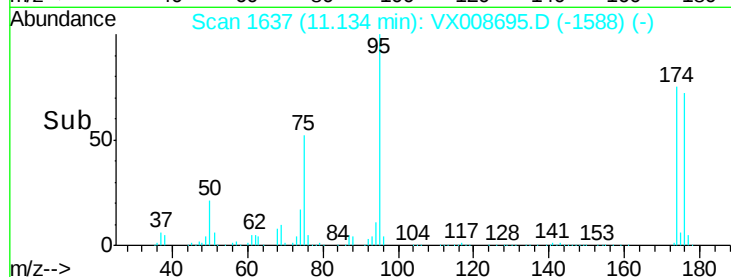
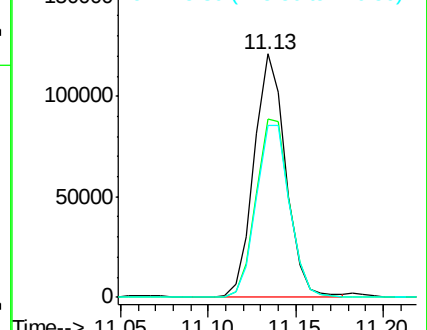
176 74.9 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX008695.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX008695.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX008695.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008695.D

Acq: 05 Apr 2019 20:29

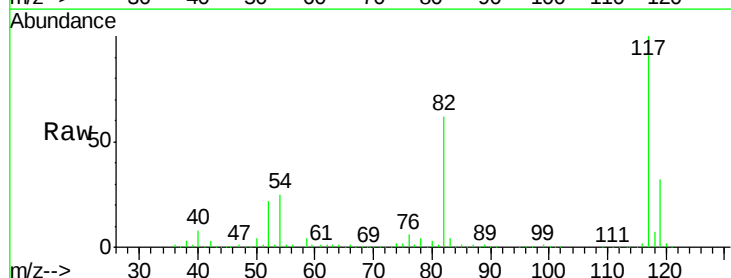
Tgt Ion: 117 Resp: 306843

Ion Ratio Lower Upper

117 100

82 61.9 49.6 74.4

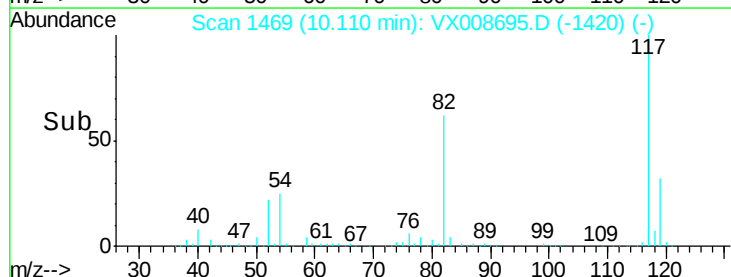
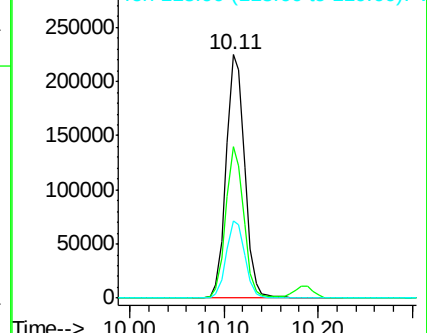
119 31.5 25.0 37.4

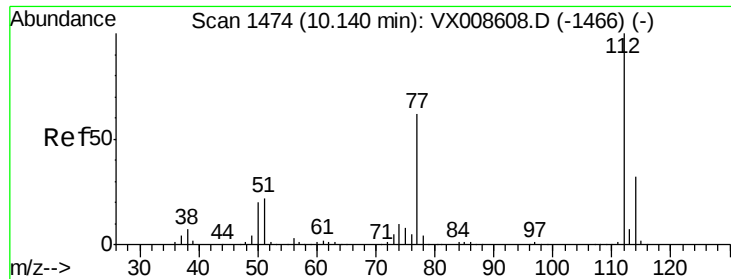


Abundance Ion 116.90 (116.60 to 117.60): VX008695.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX008695.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX008695.D (-1420) (-)





#65

Chlorobenzene

Concen: 0.773 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX008695.D

Acq: 05 Apr 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

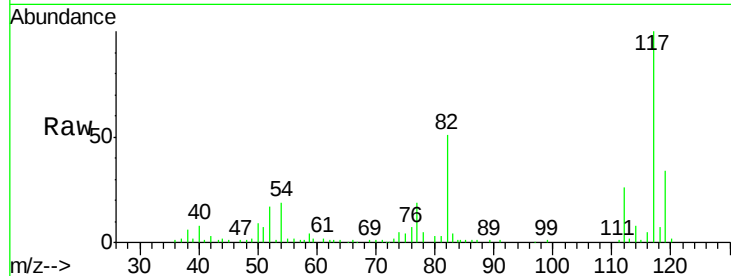
ST006MW148-190402

Tot Ion:112 Resp: 5255

Ion Ratio Lower Upper

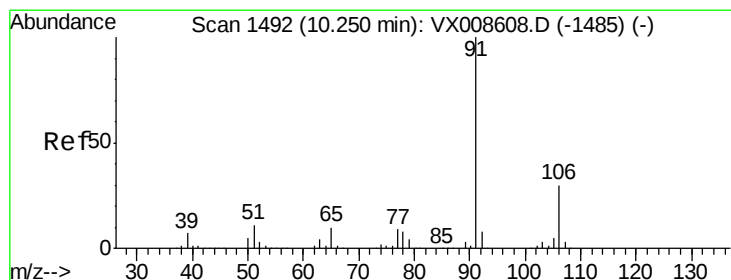
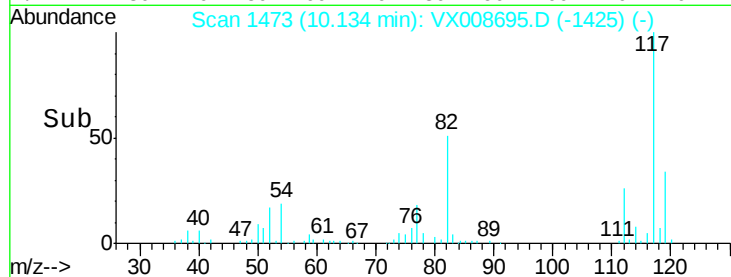
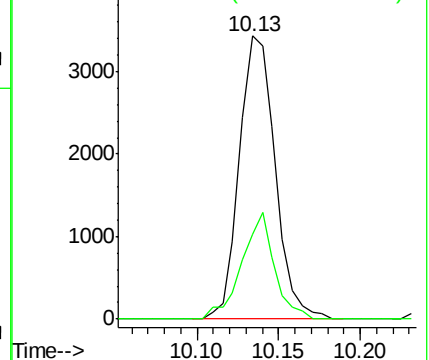
112 100

114 30.2 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#67

Ethyl Benzene

Concen: 0.494 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008695.D

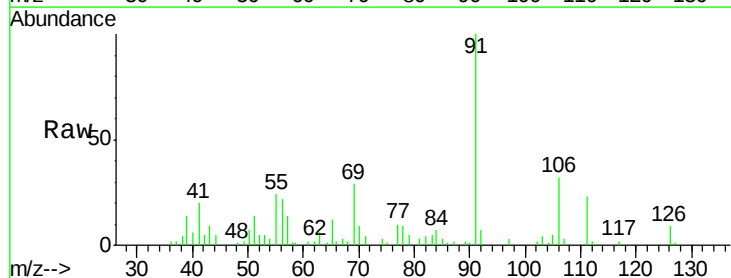
Acq: 05 Apr 2019 20:29

Tgt Ion: 91 Resp: 6260

Ion Ratio Lower Upper

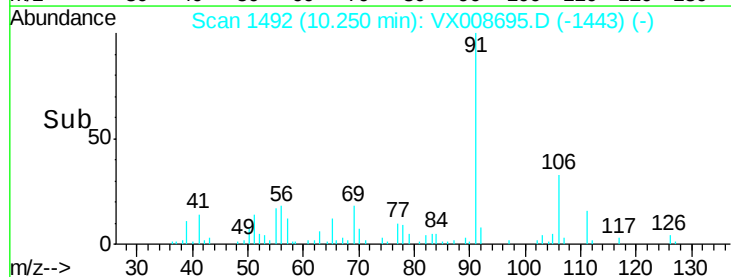
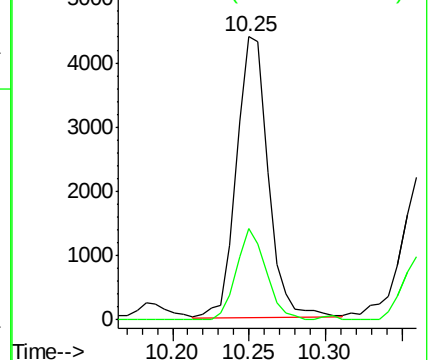
91 100

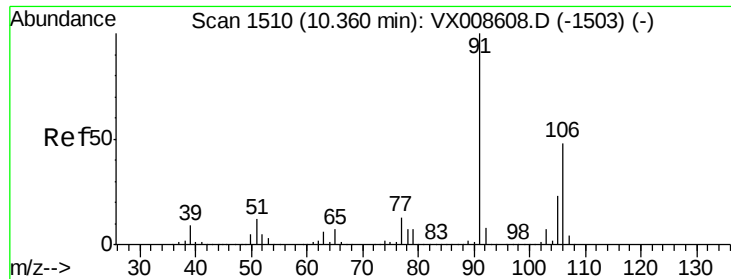
106 32.8 23.7 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

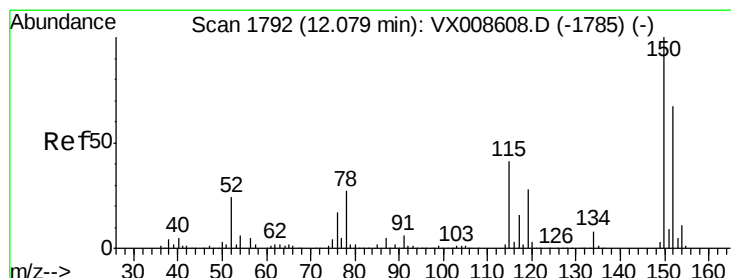
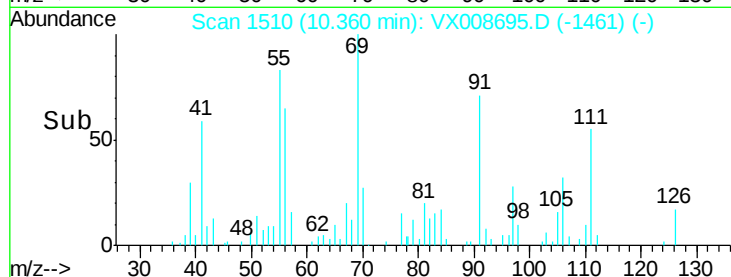
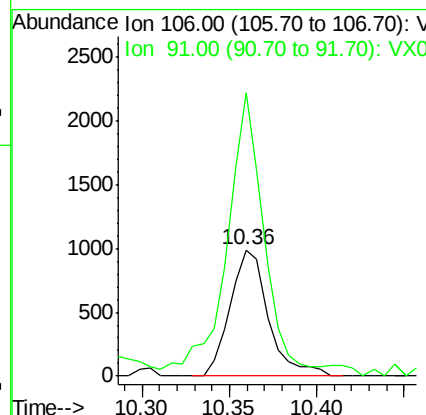
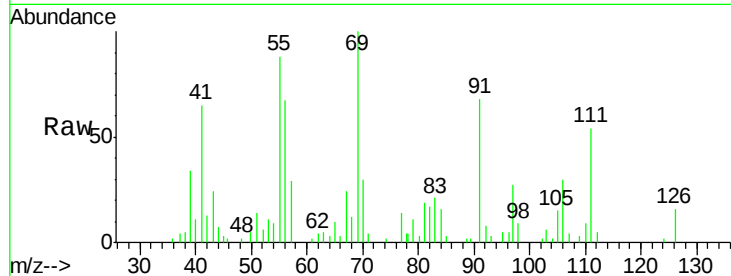




#68
m/p-Xvlenes
Concen: 0.329 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008695.D
Acq: 05 Apr 2019 20:29

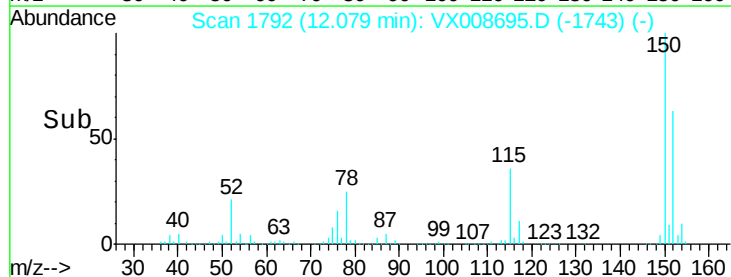
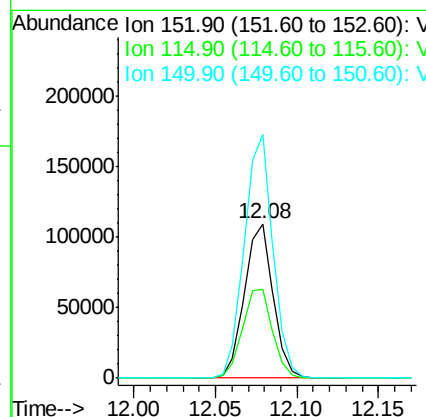
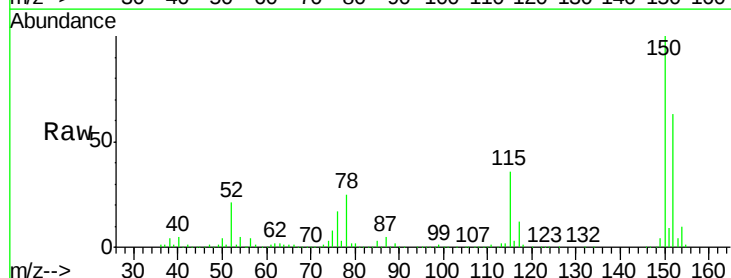
Instrument :
MSVOA_X
ClientSampleId :
ST006MW148-190402

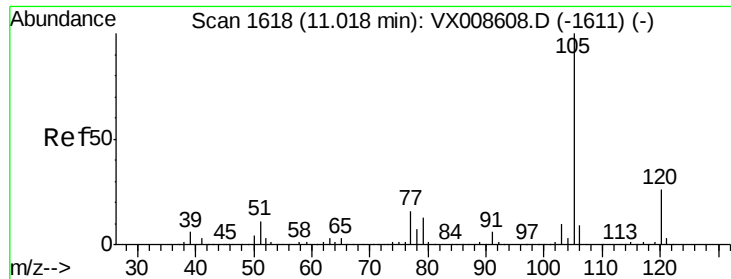
Tot Ion:106 Resp: 1501
Ion Ratio Lower Upper
106 100
91 200.4 168.5 252.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008695.D
Acq: 05 Apr 2019 20:29

Tgt Ion:152 Resp: 134213
Ion Ratio Lower Upper
152 100
115 60.1 43.5 130.5
150 157.7 0.0 348.8





#73

Isopropylbenzene

Concen: 0.372 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008695.D

Acq: 05 Apr 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

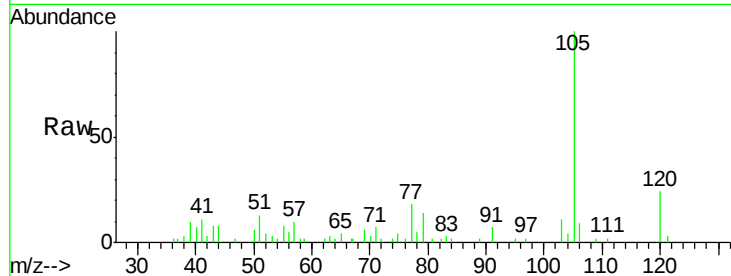
ST006MW148-190402

Tot Ion:105 Resp: 4135

Ion Ratio Lower Upper

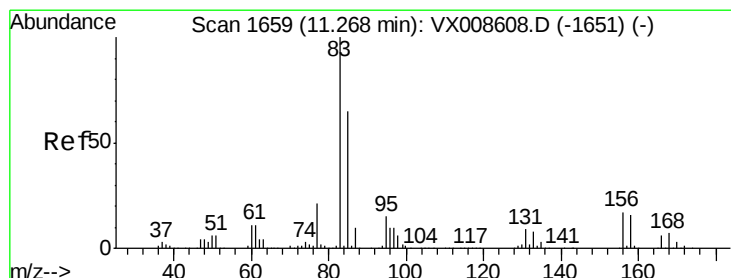
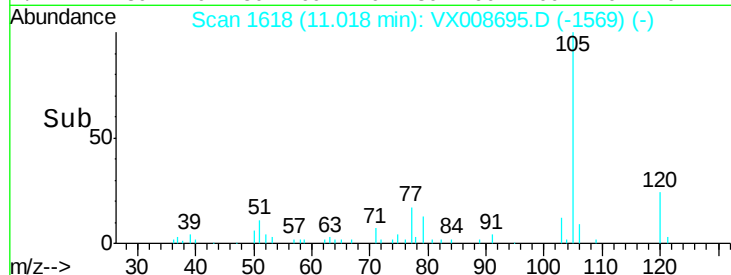
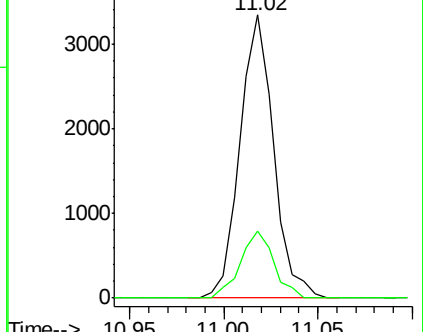
105 100

120 23.6 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#75

1,1,2,2-Tetrachloroethane

Concen: 0.291 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX008695.D

Acq: 05 Apr 2019 20:29

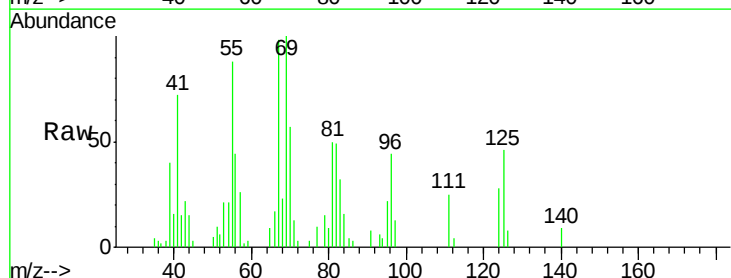
Tgt Ion: 83 Resp: 1229

Ion Ratio Lower Upper

83 100

131 0.0 4.5 13.7#

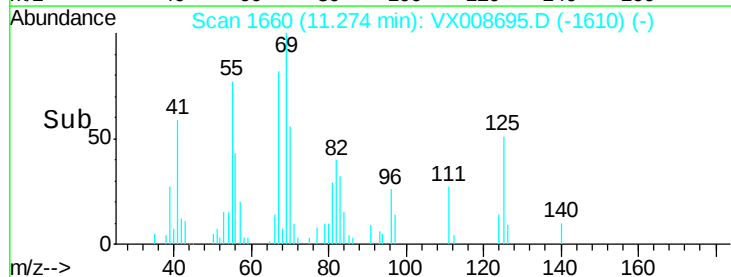
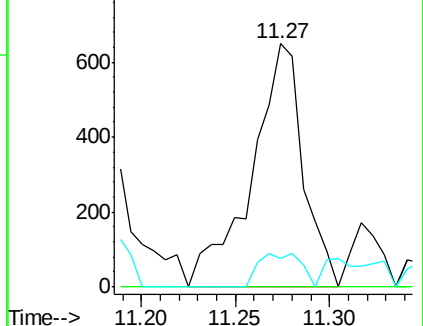
85 0.0 32.0 96.2#

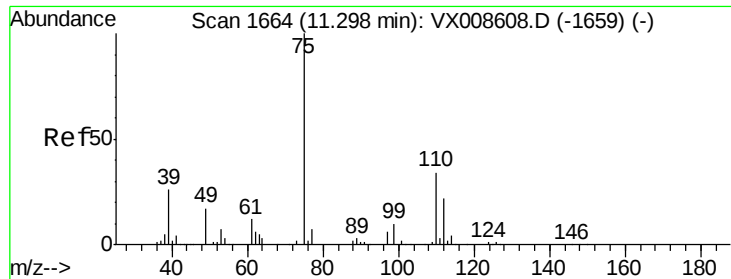


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 20.887 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX008695.D

Acq: 05 Apr 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

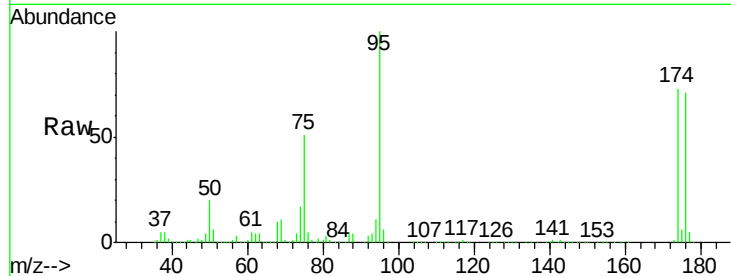
ST006MW148-190402

Tot Ion: 75 Resp: 77009

Ion Ratio Lower Upper

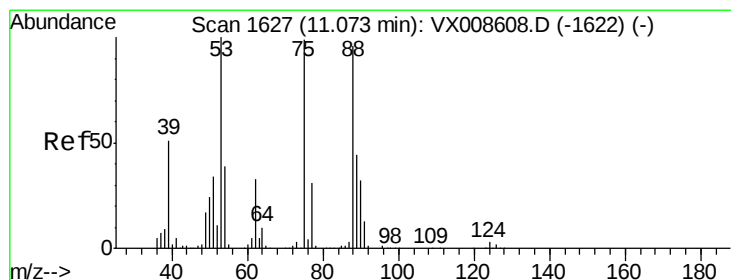
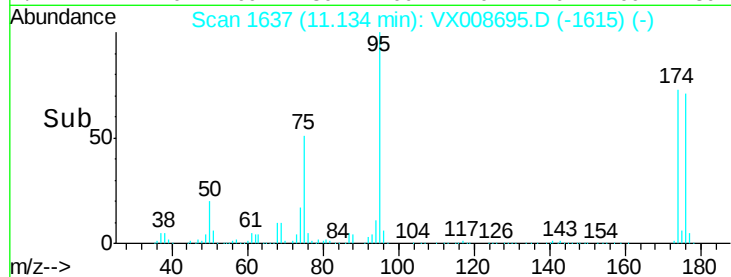
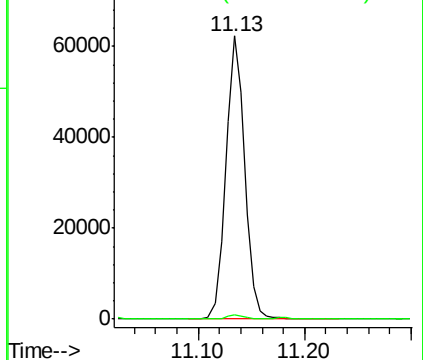
75 100

77 1.4 22.3 66.8#



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: 57.576 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008695.D

Acq: 05 Apr 2019 20:29

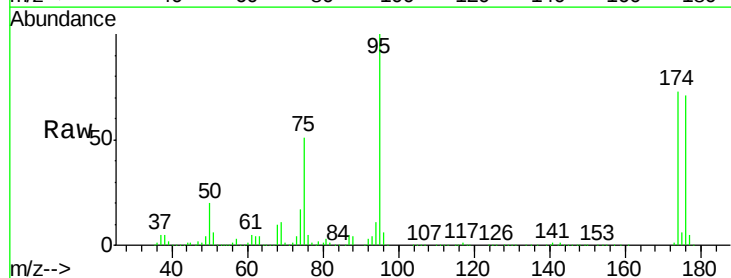
Tgt Ion: 75 Resp: 77009

Ion Ratio Lower Upper

75 100

53 0.0 81.3 121.9#

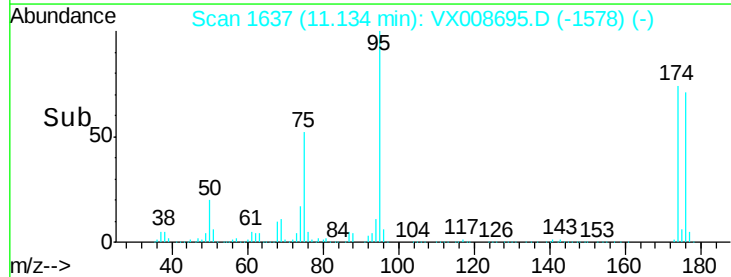
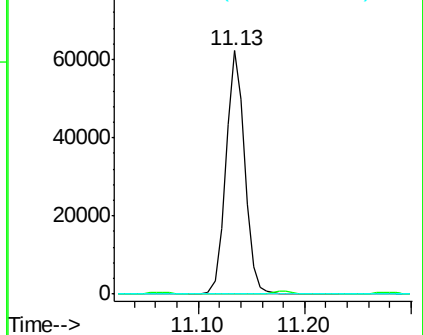
89 0.0 35.6 53.4#

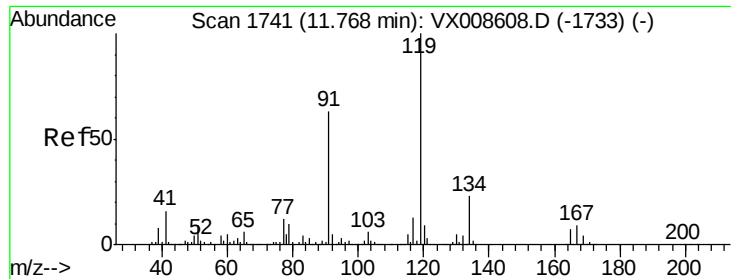


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

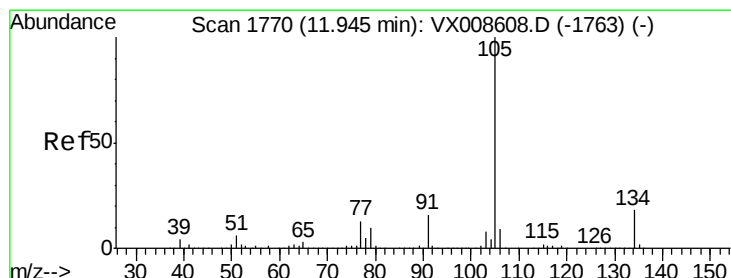
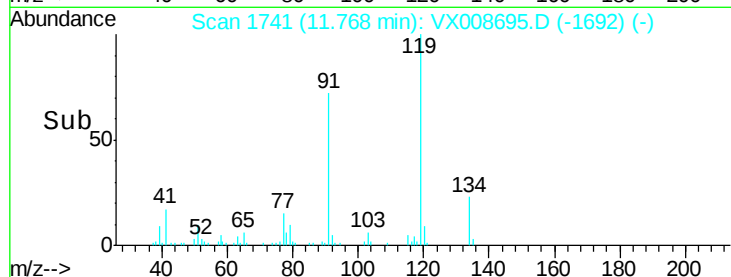
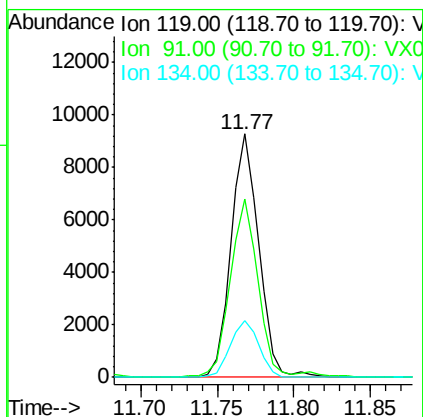
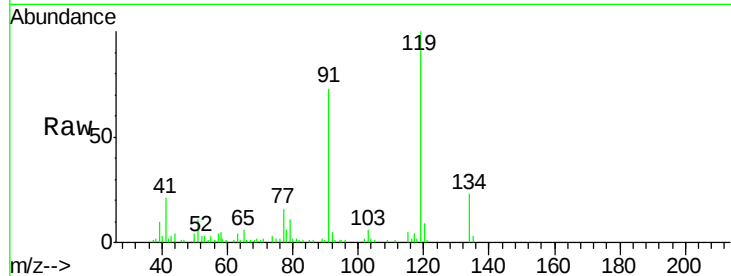




#83
tert-Butylbenzene
Concen: 1.299 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008695.D
Acq: 05 Apr 2019 20:29

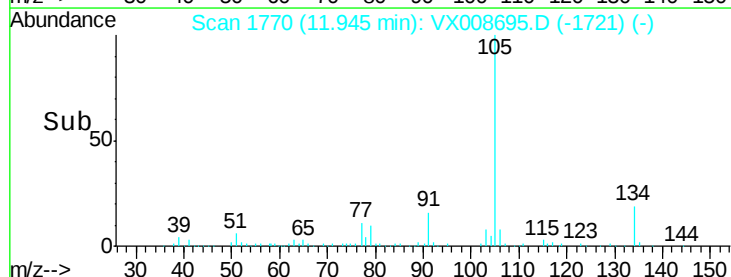
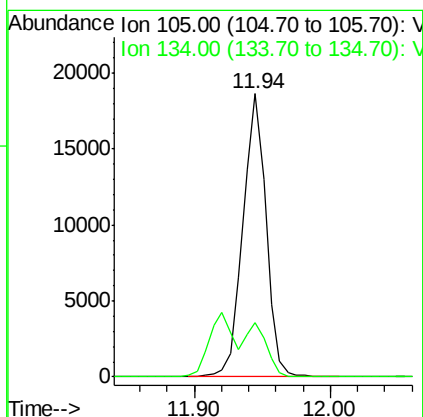
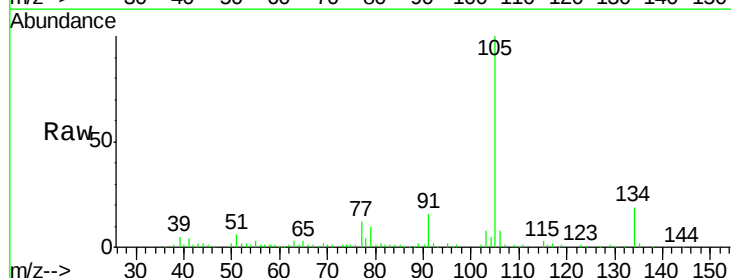
Instrument :
MSVOA_X
ClientSampleId :
ST006MW148-190402

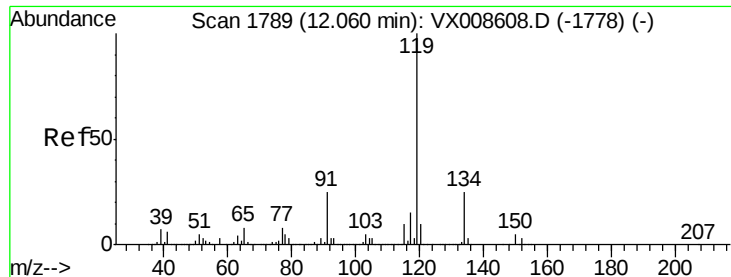
Tot Ion:119 Resp: 11670
Ion Ratio Lower Upper
119 100
91 74.9 30.0 90.1
134 23.7 11.1 33.3



#85
sec-Butylbenzene
Concen: 2.079 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX008695.D
Acq: 05 Apr 2019 20:29

Tgt Ion:105 Resp: 22180
Ion Ratio Lower Upper
105 100
134 17.1 9.4 28.2

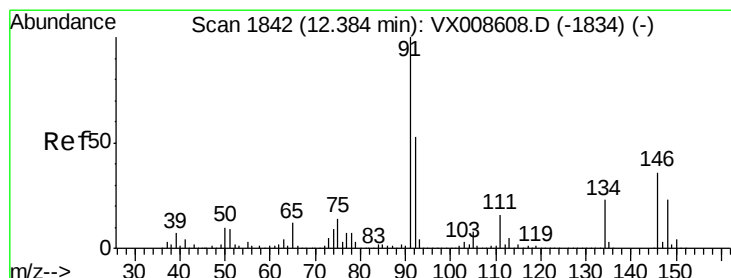
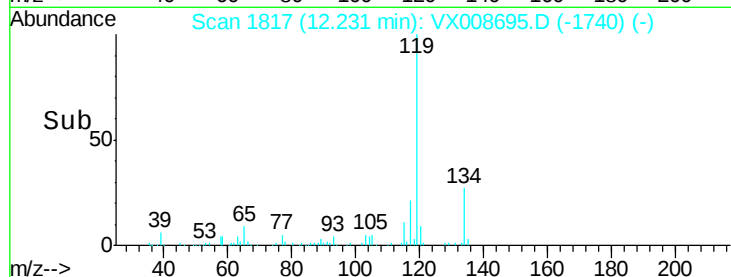
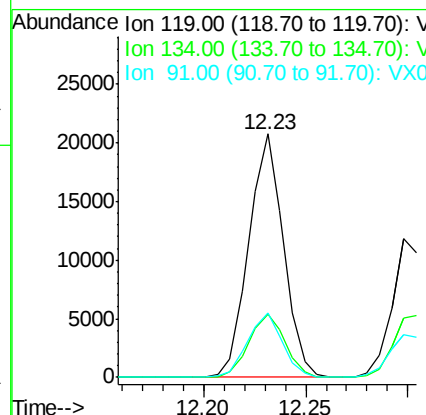
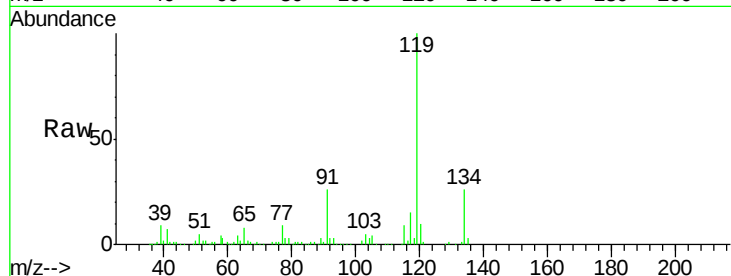




#86
p-Isopropyltoluene
Concen: 2.568 ug/l
RT: 12.23 min Scan# 1817
Delta R.T. 0.17 min
Lab File: VX008695.D
Acq: 05 Apr 2019 20:29

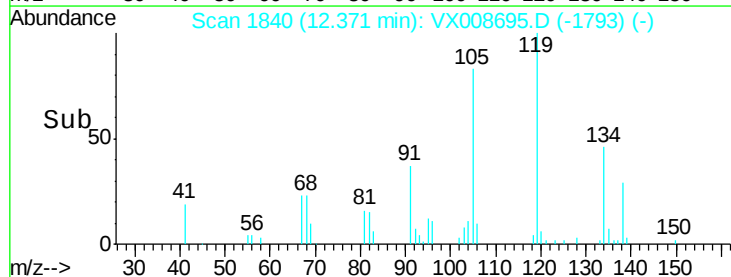
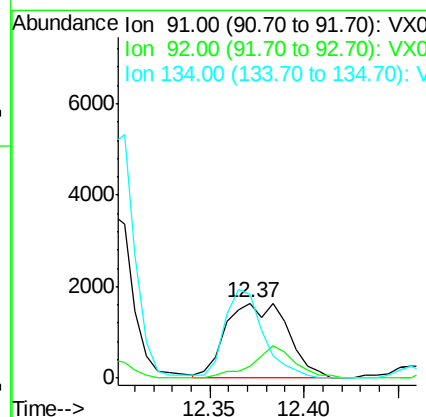
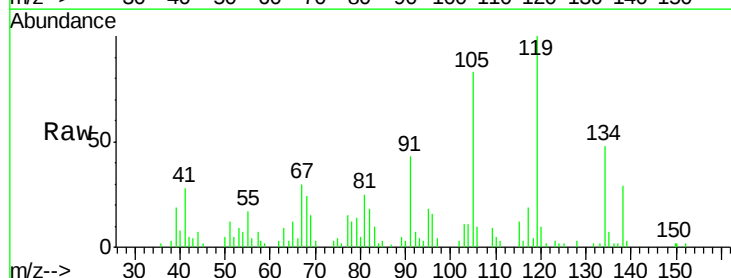
Instrument :
MSVOA_X
ClientSampleId :
ST006MW148-190402

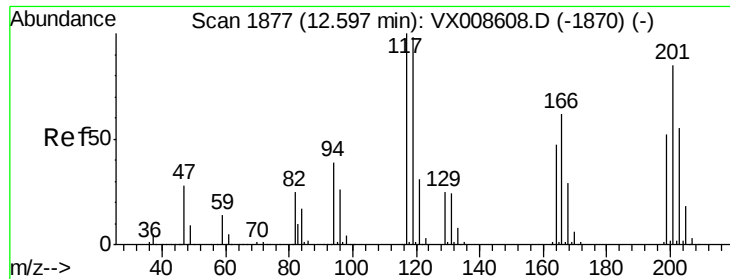
Tot Ion:119 Resp: 24591
Ion Ratio Lower Upper
119 100
134 27.1 12.8 38.4
91 26.8 12.2 36.6



#89
n-Butylbenzene
Concen: 0.416 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VX008695.D
Acq: 05 Apr 2019 20:29

Tgt Ion: 91 Resp: 3740
Ion Ratio Lower Upper
91 100
92 29.8 26.4 79.2
134 74.6 12.0 36.0#





#90

Hexachloroethane

Concen: 2.026 ug/l

RT: 12.66 min Scan# 1888

Delta R.T. 0.07 min

Lab File: VX008695.D

Acq: 05 Apr 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

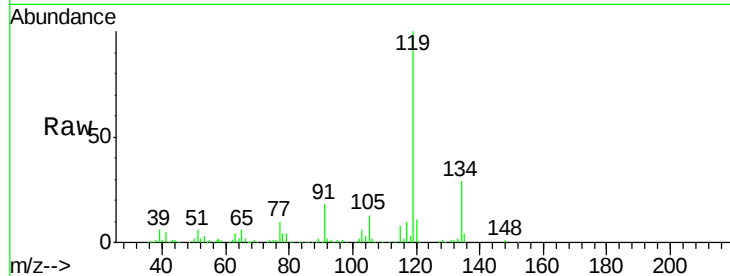
ST006MW148-190402

Tot Ion:117 Resp: 3218

Ion Ratio Lower Upper

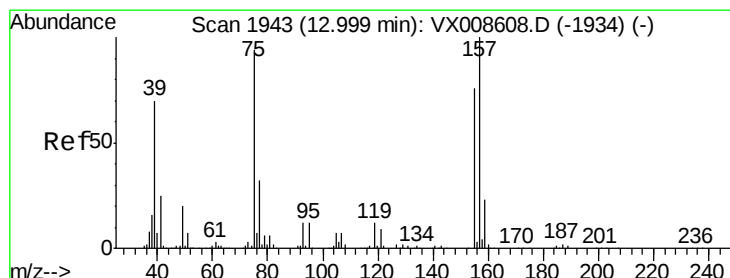
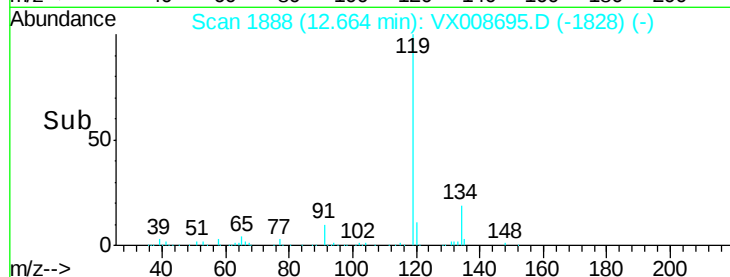
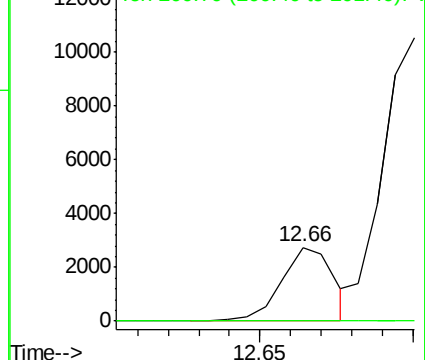
117 100

201 0.0 40.6 122.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.561 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX008695.D

Acq: 05 Apr 2019 20:29

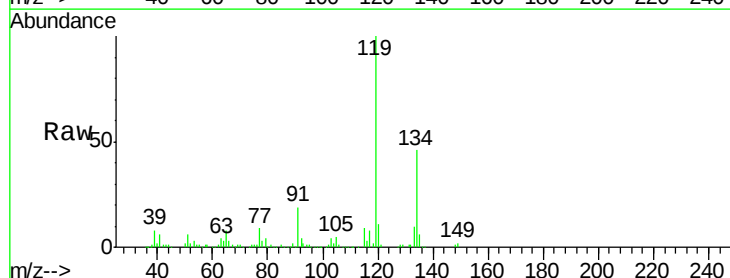
Tgt Ion: 75 Resp: 522

Ion Ratio Lower Upper

75 100

155 0.0 39.9 119.6#

157 0.0 51.5 154.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

