

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012419\
 Data File : VX007200.D
 Acq On : 24 Jan 2019 13:42
 Operator : JC/SP
 Sample : K1227-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW038-190122

Quant Time: Jan 25 00:02:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	534534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	830210	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	759360	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	379180	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	289655	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
35) Dibromofluoromethane	5.51	113	257884	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
50) Toluene-d8	8.71	98	992159	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
62) 4-Bromofluorobenzene	11.13	95	347036	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	

Target Compounds

					Qvalue
3) Chloromethane	1.33	50	1099	0.215	ug/l 99
4) Vinyl Chloride	1.41	62	7145	1.300	ug/l 95
11) Tert butyl alcohol	3.07	59	7066	5.362	ug/l # 72
12) 1,1-Dichloroethene	2.39	96	1151	0.234	ug/l # 54
13) Acrolein	2.29	56	389	3.760	ug/l # 13
14) Allyl chloride	2.84	41	482250	57.277	ug/l # 65
15) Acrylonitrile	3.18	53	6263	2.070	ug/l # 44
16) Acetone	2.40	43	21157	7.661	ug/l # 50
18) Methyl Acetate	2.84	43	1155821	144.519	ug/l # 52
20) Methylene Chloride	2.84	84	4740	0.340	ug/l # 1
21) trans-1,2-Dichloroethene	3.17	96	1259	0.230	ug/l # 81
25) 2-Butanone	4.56	43	27615	6.988	ug/l # 47
27) cis-1,2-Dichloroethene	4.60	96	38144	6.317	ug/l 94
31) Cyclohexane	5.73	56	831928	105.607	ug/l # 17
36) 1,1-Dichloropropene	5.67	75	32848	4.551	ug/l # 49
38) Carbon Tetrachloride	5.67	117	47095	6.485	ug/l # 14
39) Methylcyclohexane	7.46	83	36813	4.001	ug/l # 63
40) Benzene	6.14	78	6110	0.277	ug/l # 90
43) Isopropyl Acetate	6.35	43	543656	44.539	ug/l # 59
44) Trichloroethene	7.21	130	19017	2.881	ug/l 95
47) Bromodichloromethane	7.85	83	2318	0.350	ug/l # 84
48) Methyl methacrylate	7.84	41	9116	1.454	ug/l 93
49) 1,4-Dioxane	7.74	88	89	Below Cal	# 27
51) 4-Methyl-2-Pentanone	8.68	43	38671	4.930	ug/l # 75
55) 1,1,2-Trichloroethane	9.16	97	17552	3.098	ug/l # 20
56) Ethyl methacrylate	9.16	69	4283	0.518	ug/l # 1
59) 2-Hexanone	9.51	43	1248	0.209	ug/l 76
65) Chlorobenzene	10.14	112	210882	12.733	ug/l 99
73) Isopropylbenzene	11.02	105	13023	0.487	ug/l 98
76) 1,2,3-Trichloropropane	11.13	75	168026	21.867	ug/l # 40
81) trans-1,4-Dichloro-2-buten	11.13	75	168026	64.782	ug/l # 10
83) tert-Butylbenzene	11.77	119	28915	1.297	ug/l 86
85) sec-Butylbenzene	11.94	105	58637	2.203	ug/l 98
86) p-Isopropyltoluene	12.23	119	100853	4.235	ug/l 96

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QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

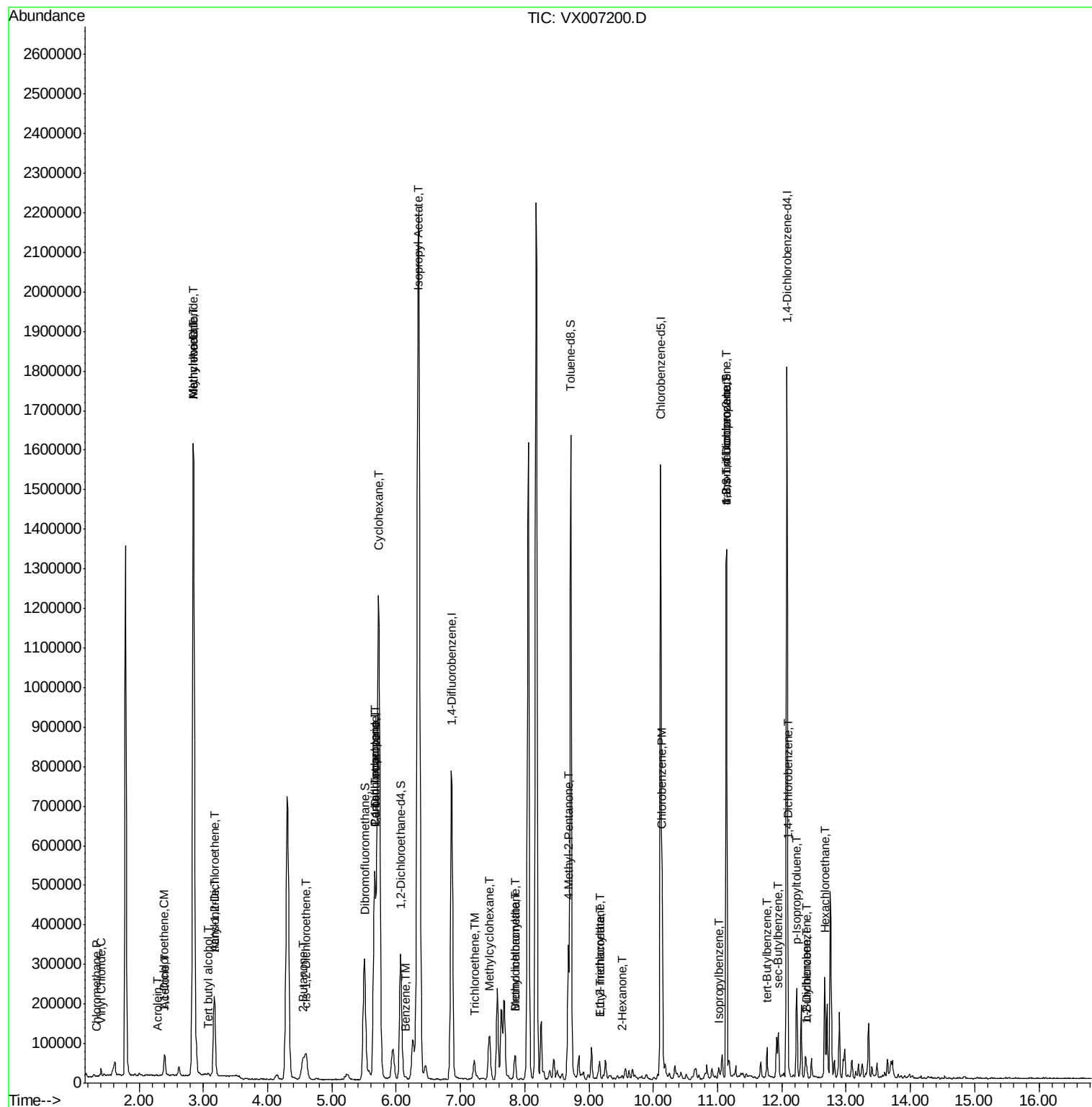
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	12.10	146	14968	1.328	ug/l #	68
89) n-Butylbenzene	12.39	91	7499	0.369	ug/l #	61
90) Hexachloroethane	12.66	117	12570	6.023	ug/l #	6
91) 1,2-Dichlorobenzene	12.40	146	3498	0.266	ug/l	89

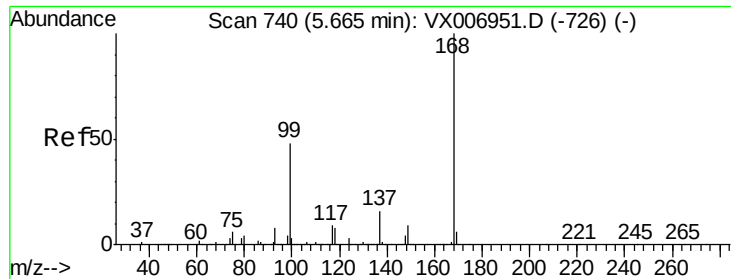
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX012419\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007200.D

Acq: 24 Jan 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

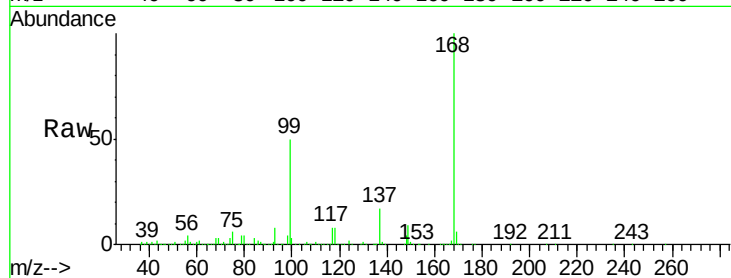
ST008MW038-190122

Tot Ion:168 Resp: 534534

Ion Ratio Lower Upper

168 100

99 49.7 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

150000

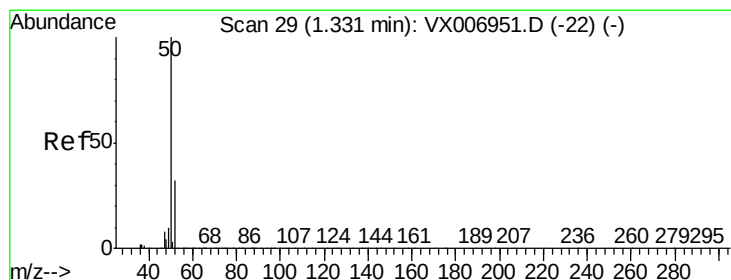
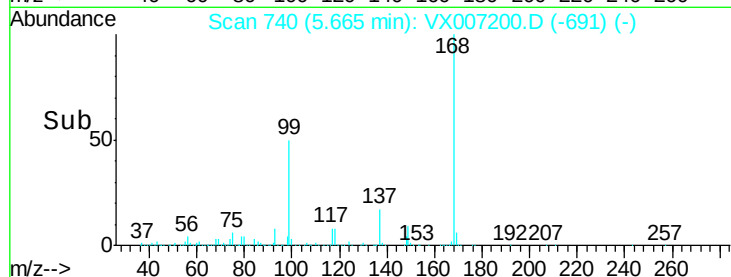
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.215 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007200.D

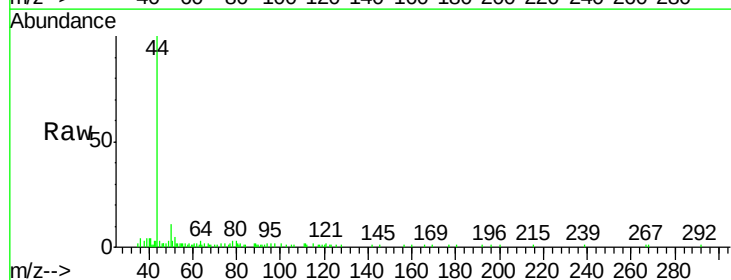
Acq: 24 Jan 2019 13:42

Tgt Ion: 50 Resp: 1099

Ion Ratio Lower Upper

50 100

52 31.1 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

800

600

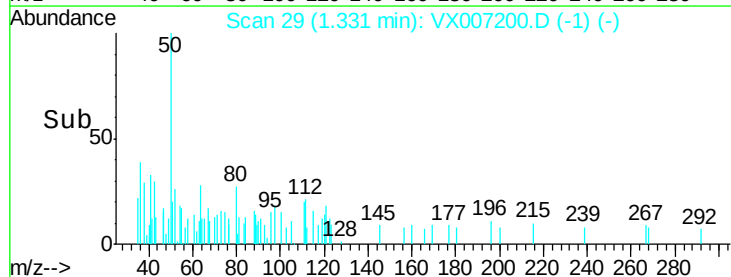
400

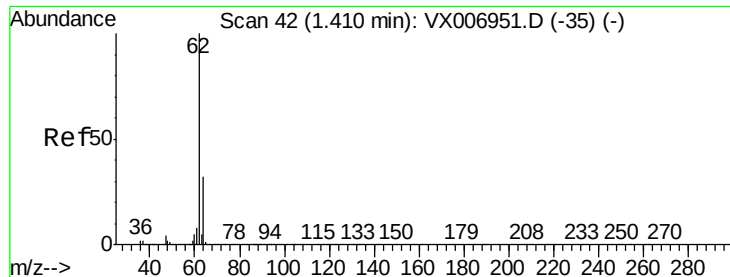
200

0

Time-->

1.25 1.30 1.35





#4

Vinyl Chloride

Concen: 1.300 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007200.D

Acq: 24 Jan 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

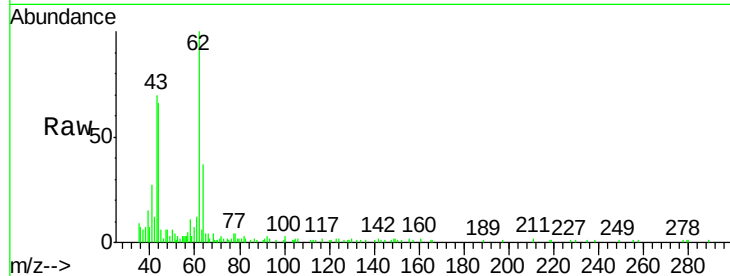
ST008MW038-190122

Tot Ion: 62 Resp: 7145

Ion Ratio Lower Upper

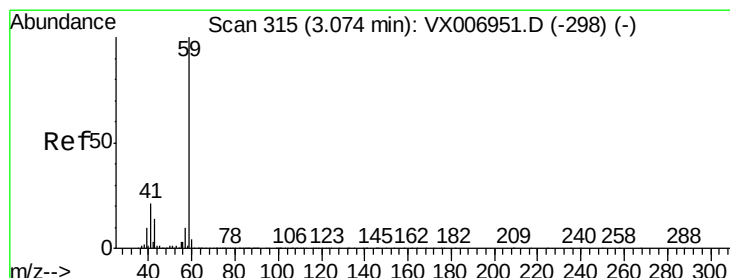
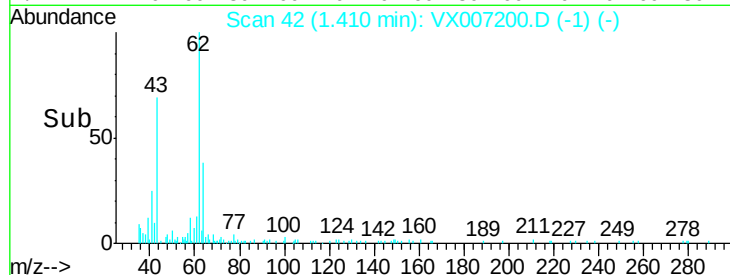
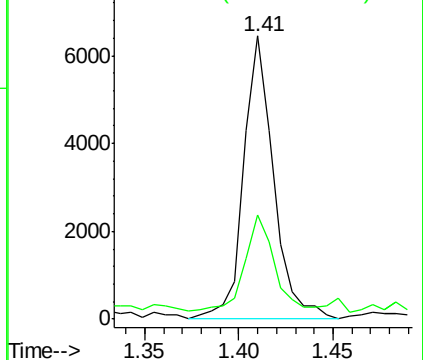
62 100

64 34.0 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#11

Tert butyl alcohol

Concen: 5.362 ug/l

RT: 3.07 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX007200.D

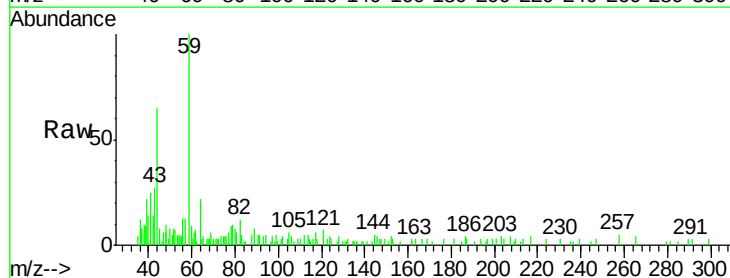
Acq: 24 Jan 2019 13:42

Tgt Ion: 59 Resp: 7066

Ion Ratio Lower Upper

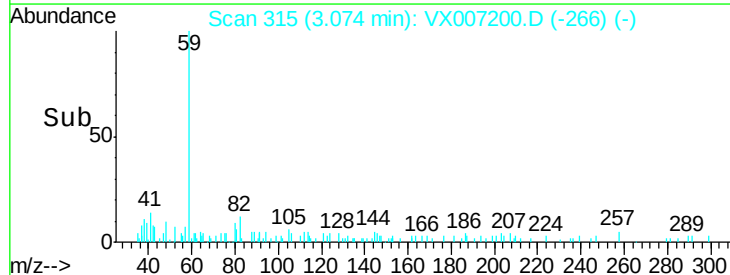
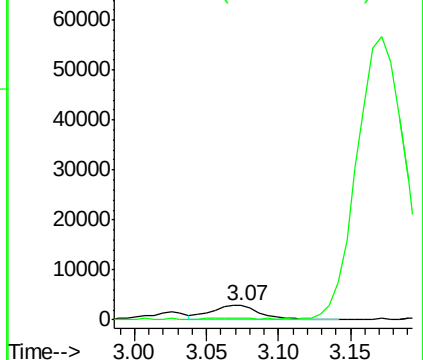
59 100

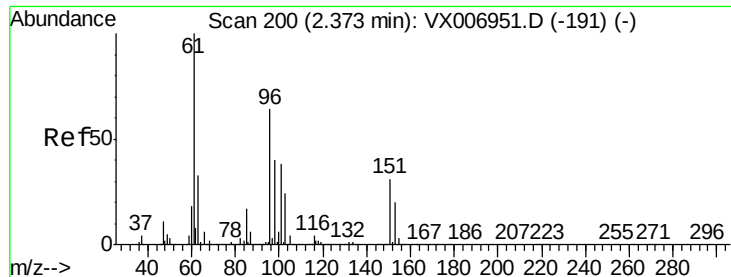
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#12

1,1-Dichloroethene

Concen: 0.234 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX007200.D

Acq: 24 Jan 2019 13:42

Instrument :

MSVOA_X

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ST008MW038-190122

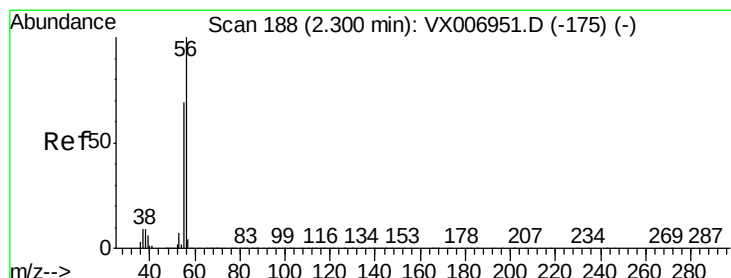
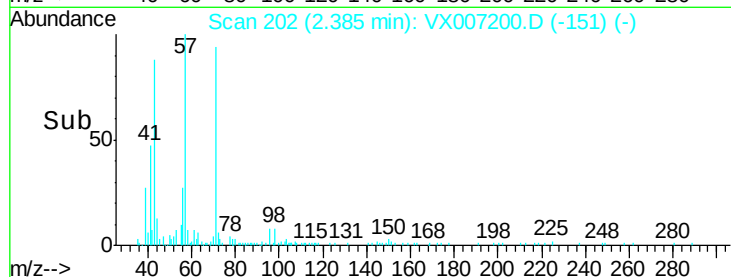
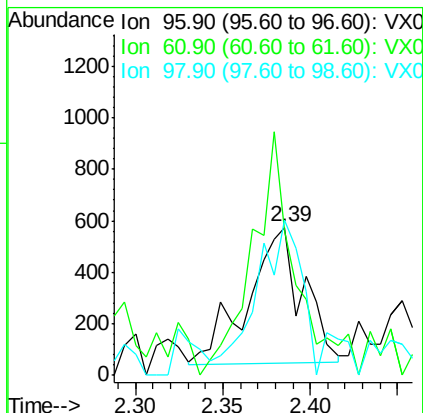
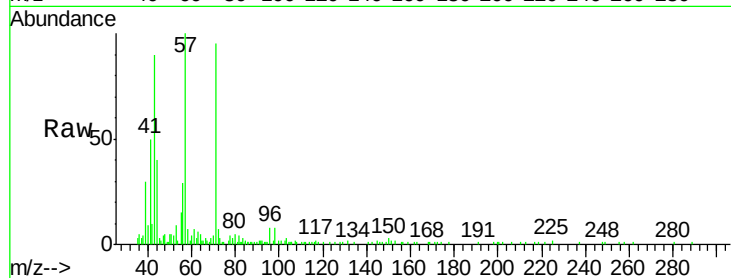
Tot Ion: 96 Resp: 1151

Ion Ratio Lower Upper

96 100

61 85.4 121.4 182.2#

98 90.8 51.9 77.9#



#13

Acrolein

Concen: 3.760 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX007200.D

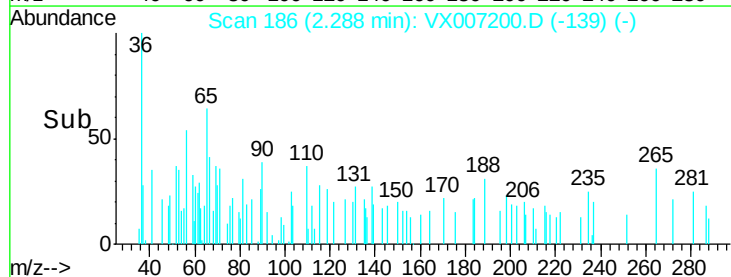
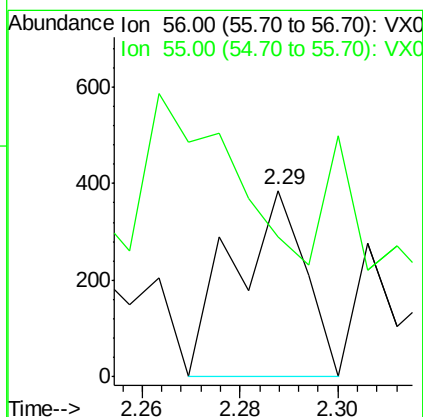
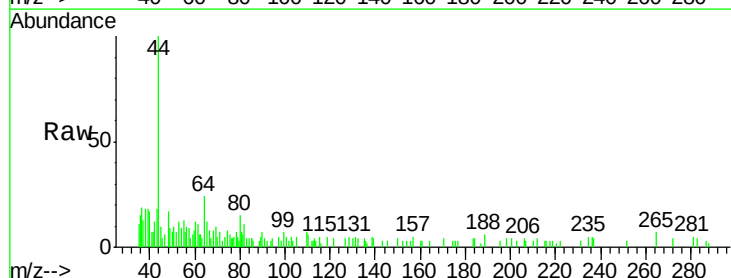
Acq: 24 Jan 2019 13:42

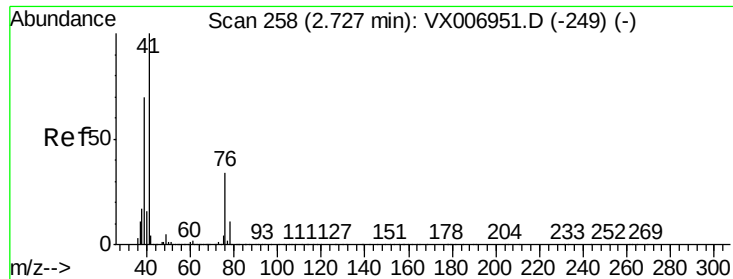
Tgt Ion: 56 Resp: 389

Ion Ratio Lower Upper

56 100

55 0.0 58.2 87.4#

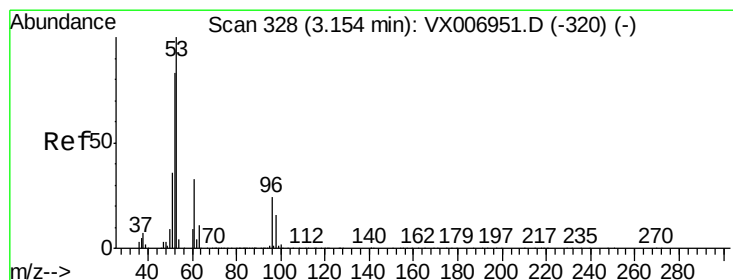
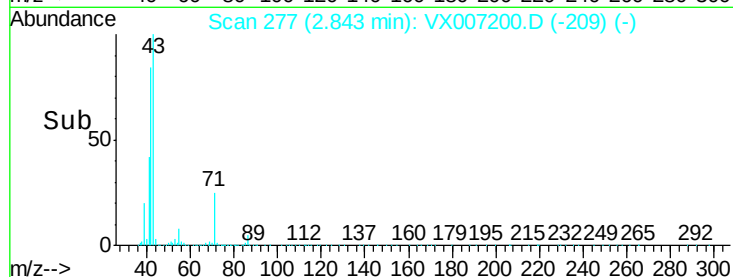
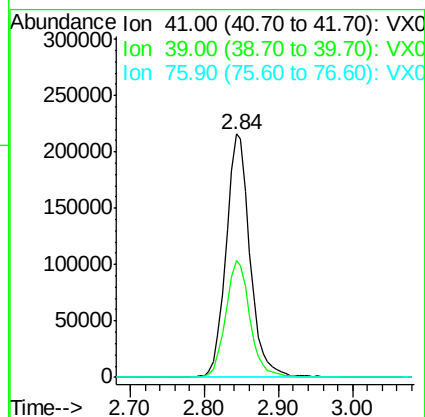
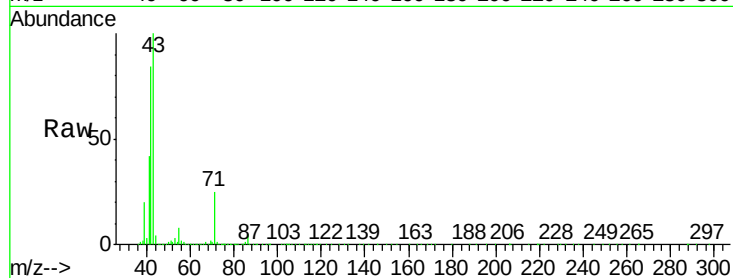




#14
Allvl chloride
Concen: 57.277 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.12 min
Lab File: VX007200.D
Acq: 24 Jan 2019 13:42

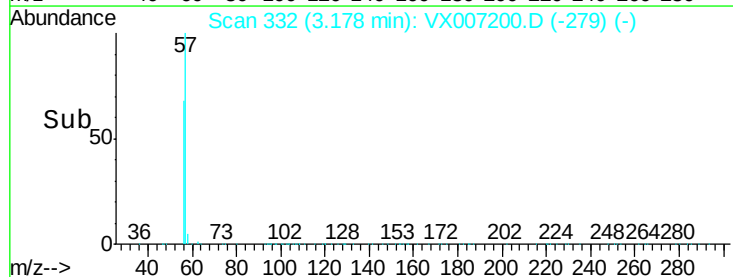
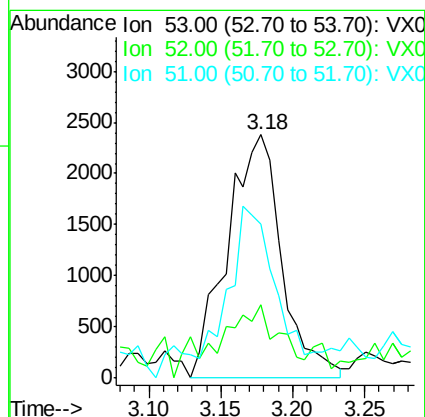
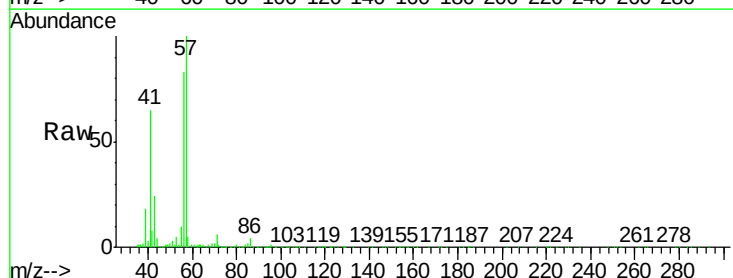
Instrument :
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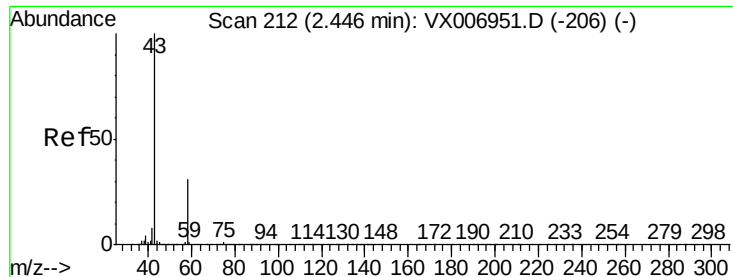
Tot Ion	Ratio	Lower	Upper
41	100		
39	48.6	53.6	80.4#
76	0.1	27.4	41.2#



#15
Acrylonitrile
Concen: 2.070 ug/l
RT: 3.18 min Scan# 332
Delta R.T. 0.02 min
Lab File: VX007200.D
Acq: 24 Jan 2019 13:42

Tgt Ion	Ratio	Lower	Upper
53	100		
52	20.6	66.0	99.0#
51	50.2	28.6	42.8#





#16

Acetone

Concen: 7.661 ug/l

RT: 2.40 min Scan# 204

Delta R.T. -0.05 min

Lab File: VX007200.D

Acq: 24 Jan 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

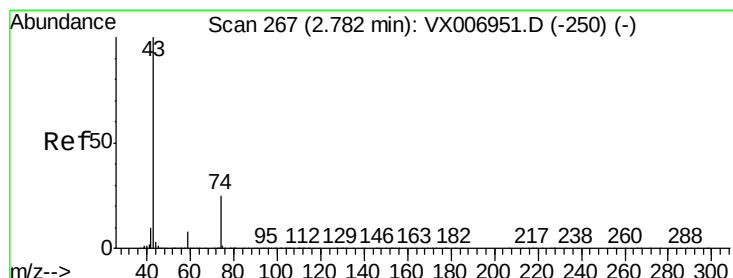
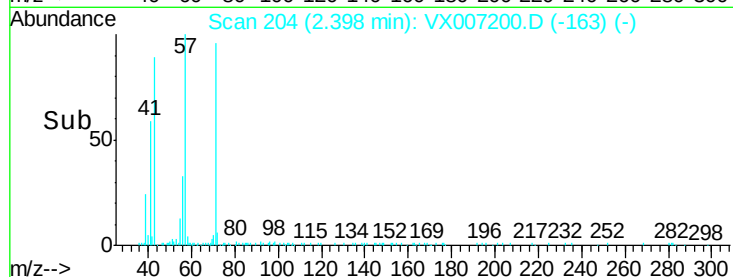
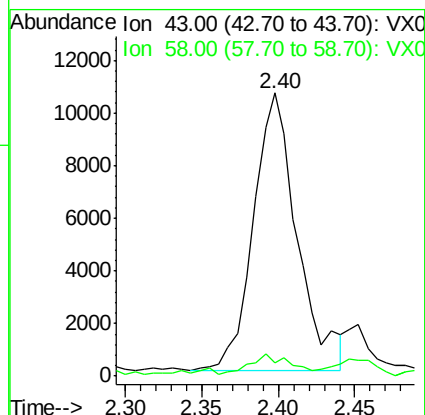
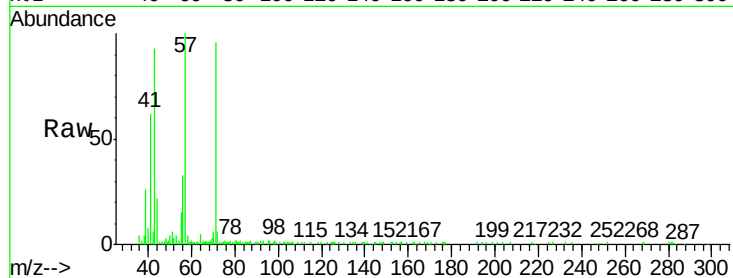
ST008MW038-190122

Tot Ion: 43 Resp: 21157

Ion Ratio Lower Upper

43 100

58 3.5 25.0 37.6#



#18

Methyl Acetate

Concen: 144.519 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.06 min

Lab File: VX007200.D

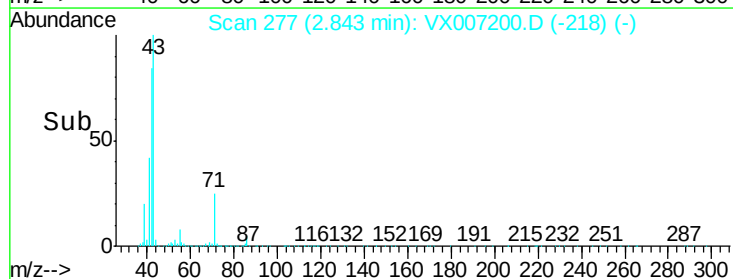
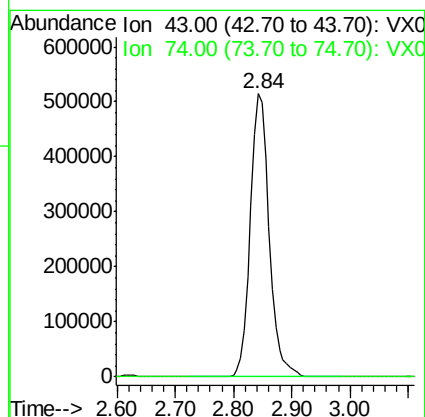
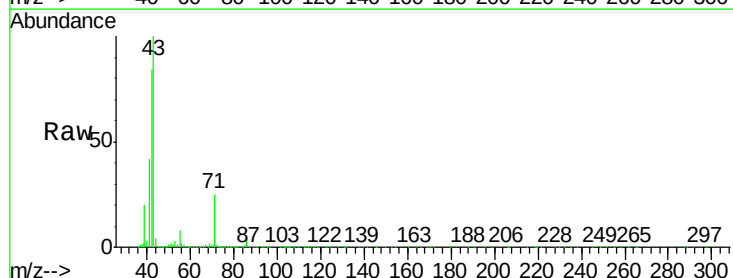
Acq: 24 Jan 2019 13:42

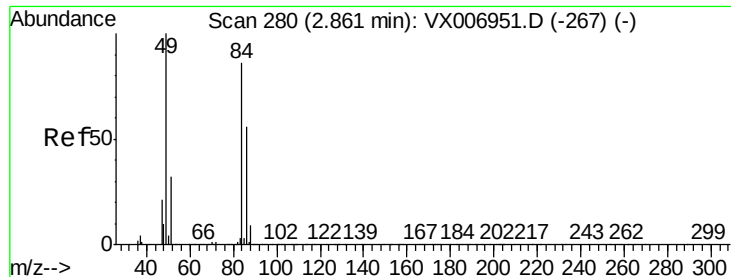
Tgt Ion: 43 Resp: 1155821

Ion Ratio Lower Upper

43 100

74 0.0 18.6 28.0#

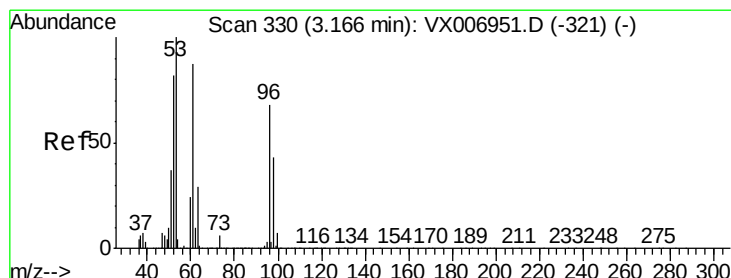
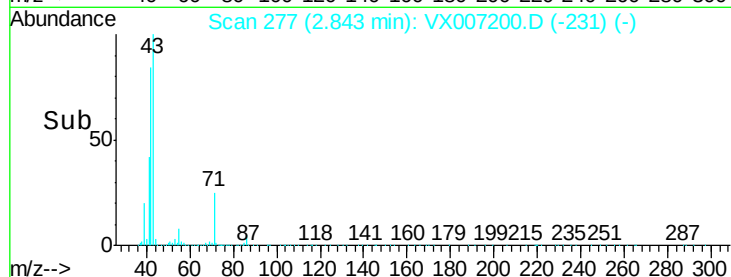
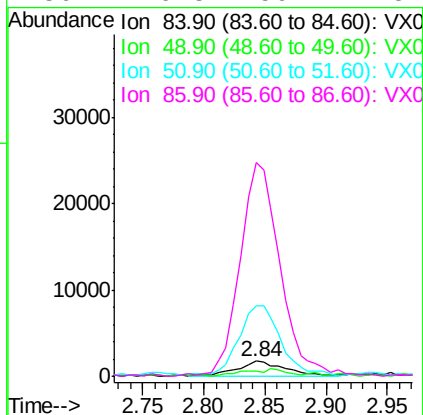
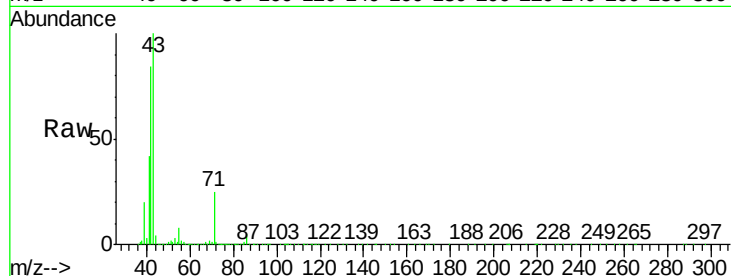




#20
Methvlene Chloride
Concen: 0.340 ug/l
RT: 2.84 min Scan# 277
Delta R.T. -0.02 min
Lab File: VX007200.D
Acq: 24 Jan 2019 13:42

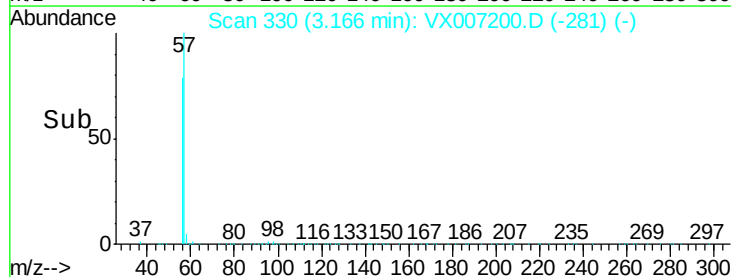
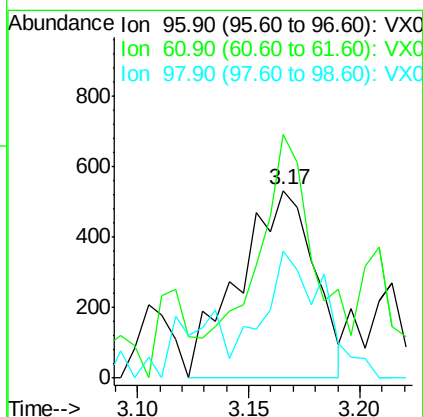
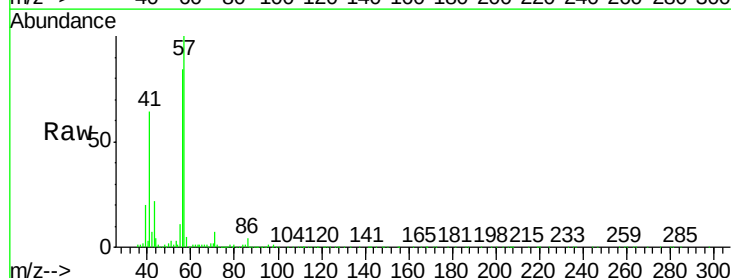
Instrument :
MSVOA_X
ClientSampleId :
ST008MW038-190122

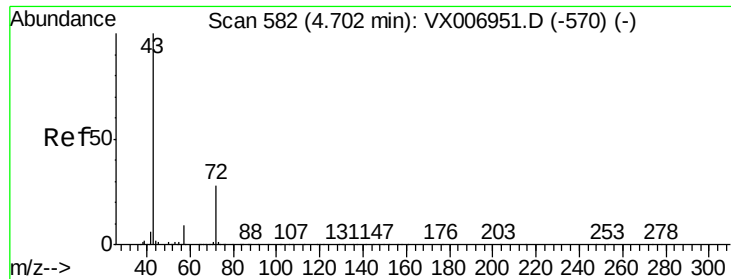
Tot Ion: 84 Resp: 4740
Ion Ratio Lower Upper
84 100
49 22.6 91.8 137.6#
51 464.8 28.5 42.7#
86 1420.8 50.2 75.2#



#21
trans-1,2-Dichloroethene
Concen: 0.230 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX007200.D
Acq: 24 Jan 2019 13:42

Tgt Ion: 96 Resp: 1259
Ion Ratio Lower Upper
96 100
61 107.5 103.7 155.5
98 49.3 51.0 76.6#





#25

2-Butanone

Concen: 6.988 ug/l

RT: 4.56 min Scan# 558

Delta R.T. -0.15 min

Lab File: VX007200.D

Acq: 24 Jan 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

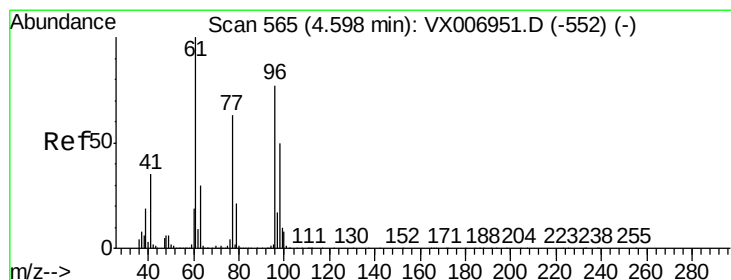
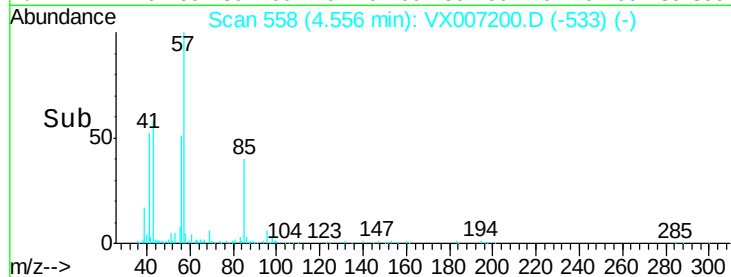
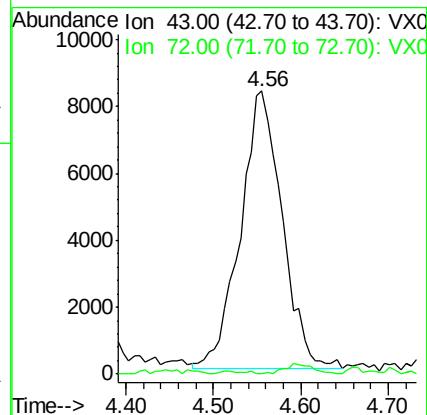
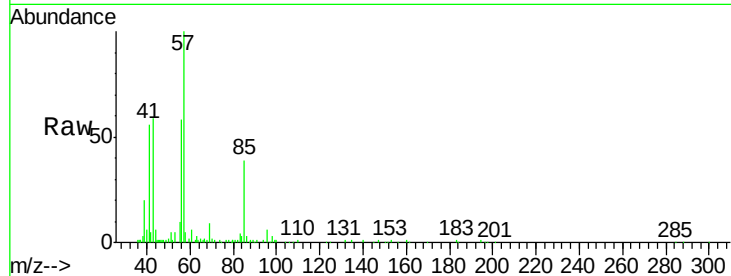
ST008MW038-190122

Tot Ion: 43 Resp: 27615

Ion Ratio Lower Upper

43 100

72 0.0 22.4 33.6#



#27

cis-1,2-Dichloroethene

Concen: 6.317 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX007200.D

Acq: 24 Jan 2019 13:42

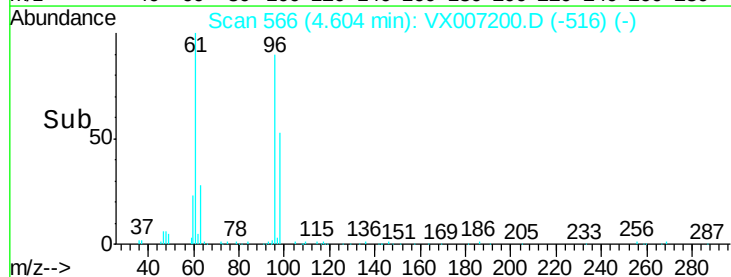
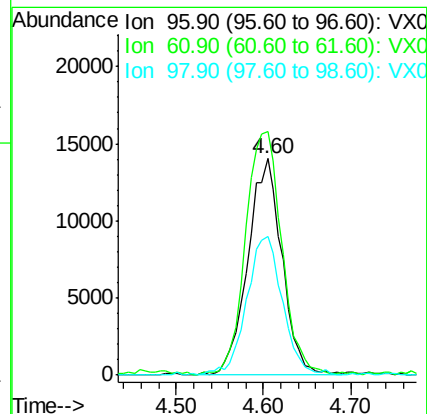
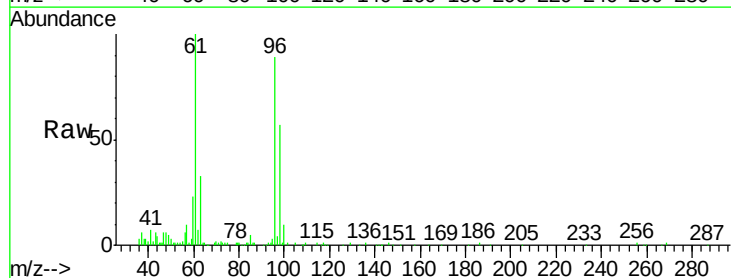
Tgt Ion: 96 Resp: 38144

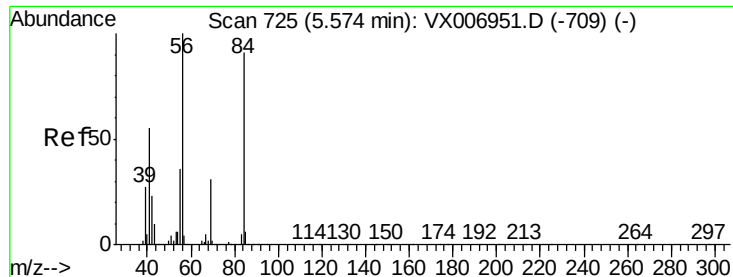
Ion Ratio Lower Upper

96 100

61 119.2 0.0 258.6

98 66.9 0.0 132.0

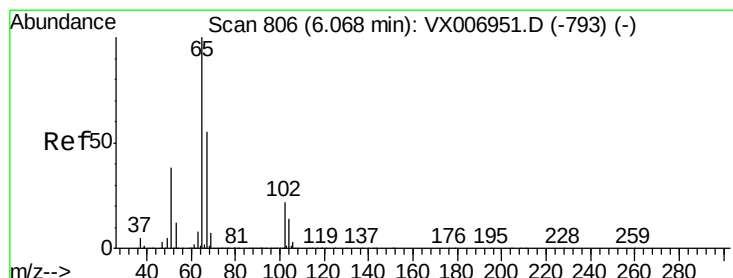
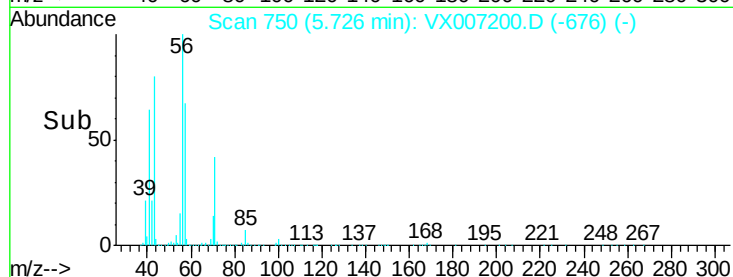
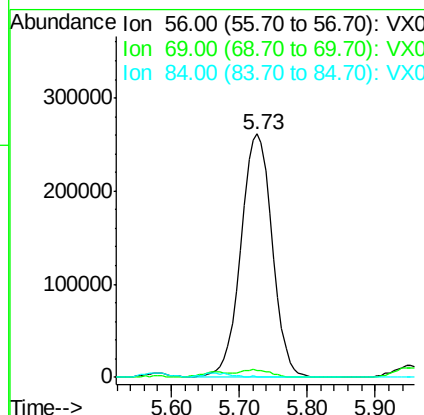
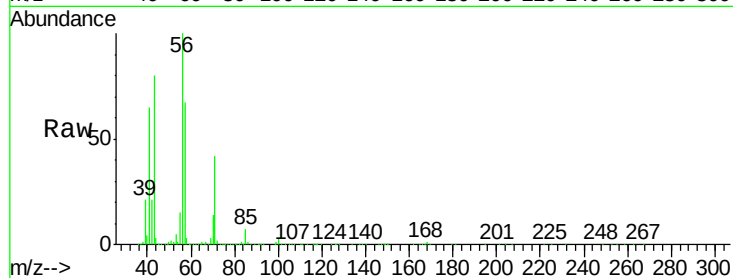




#31
Cyclohexane
Concen: 105.607 ug/l
RT: 5.73 min Scan# 750
Delta R.T. 0.15 min
Lab File: VX007200.D
Acq: 24 Jan 2019 13:42

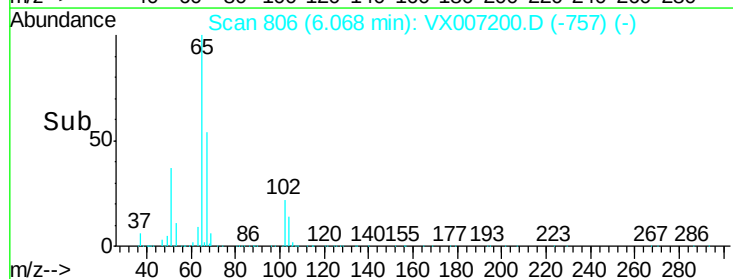
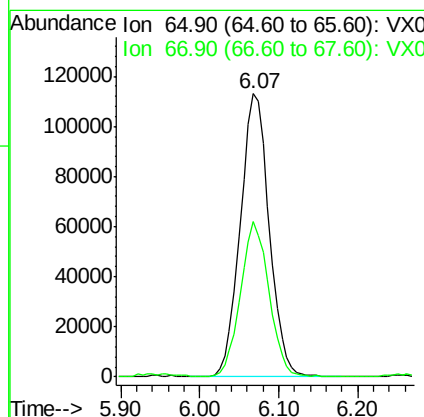
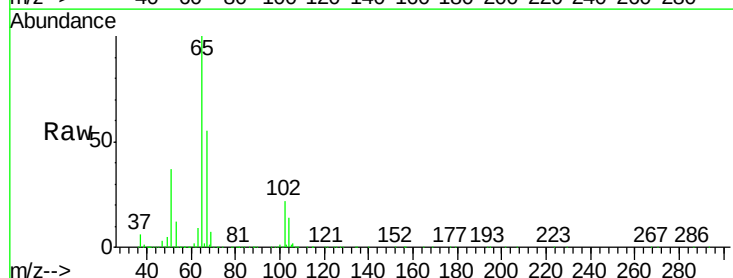
Instrument :
MSVOA_X
ClientSampleId :
ST008MW038-190122

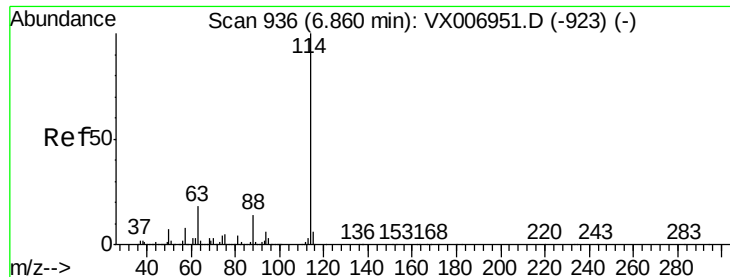
Tot Ion: 56 Resp: 831928
Ion Ratio Lower Upper
56 100
69 2.5 24.4 36.6#
84 0.2 70.0 105.0#



#33
1,2-Dichloroethane-d4
Concen: 51.851 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007200.D
Acq: 24 Jan 2019 13:42

Tgt Ion: 65 Resp: 289655
Ion Ratio Lower Upper
65 100
67 53.8 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007200.D

Acq: 24 Jan 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

ST008MW038-190122

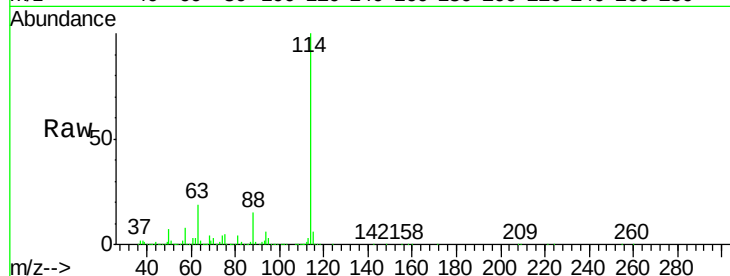
Tot Ion:114 Resp: 830210

Ion Ratio Lower Upper

114 100

63 18.7 0.0 34.8

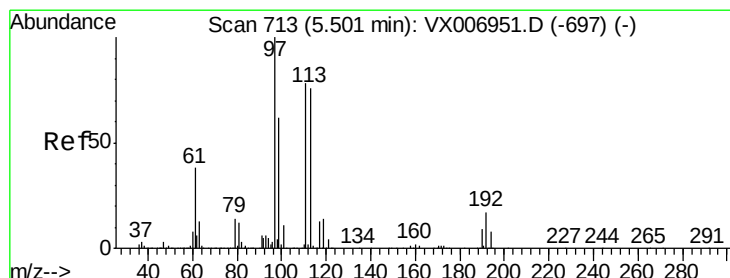
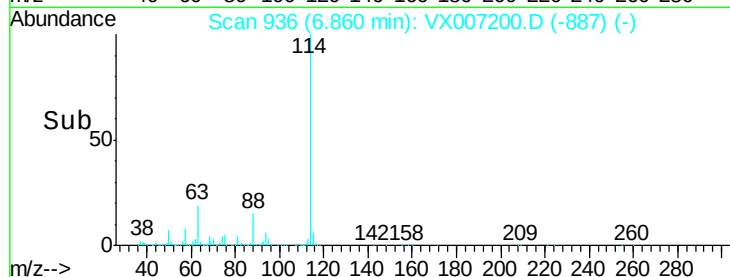
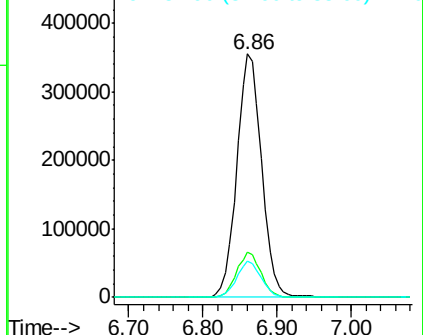
88 14.7 0.0 28.8



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: 48.505 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007200.D

Acq: 24 Jan 2019 13:42

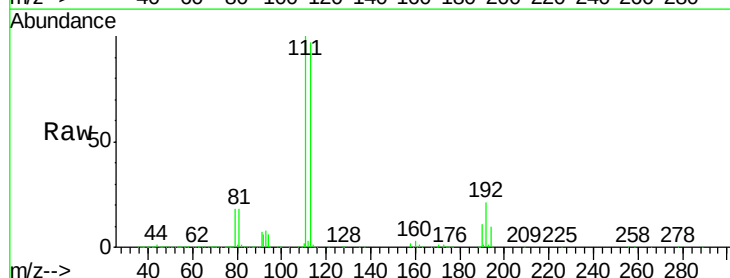
Tgt Ion:113 Resp: 257884

Ion Ratio Lower Upper

113 100

111 101.9 81.6 122.4

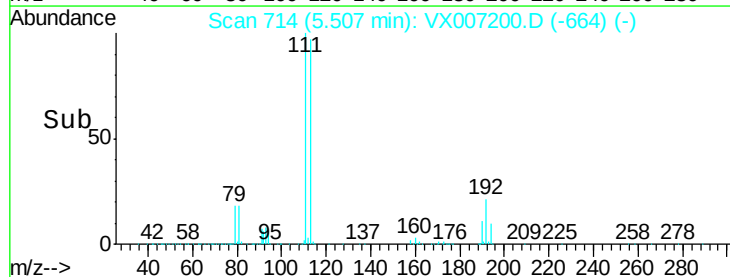
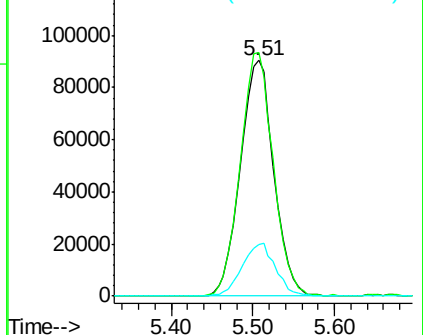
192 22.4 16.7 25.1

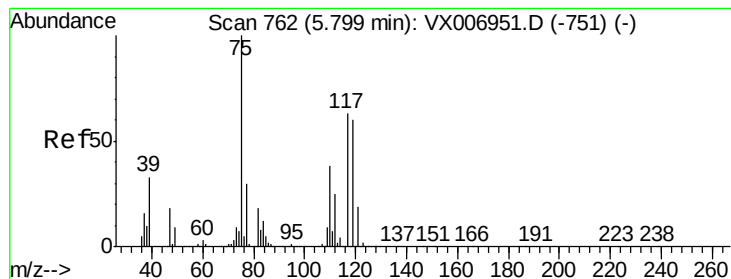


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.551 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX007200.D

Acq: 24 Jan 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

ST008MW038-190122

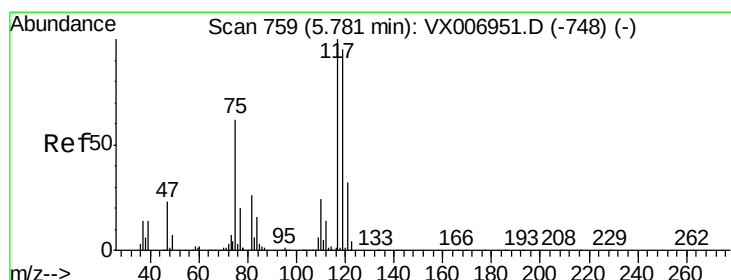
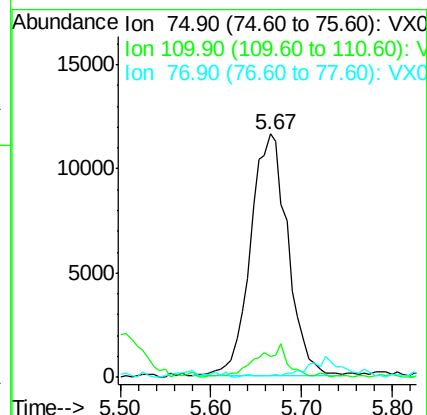
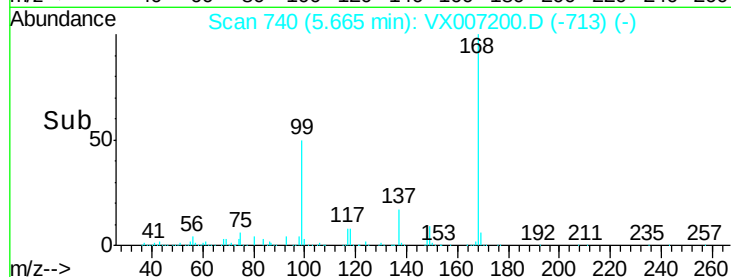
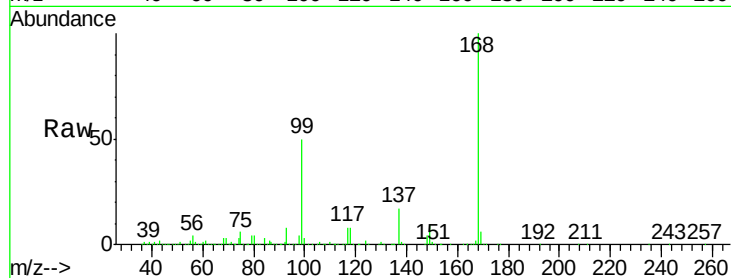
Tot Ion: 75 Resp: 32848

Ion Ratio Lower Upper

75 100

110 11.5 20.2 60.5#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.485 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007200.D

Acq: 24 Jan 2019 13:42

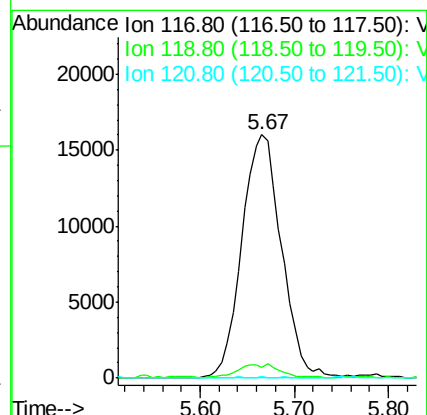
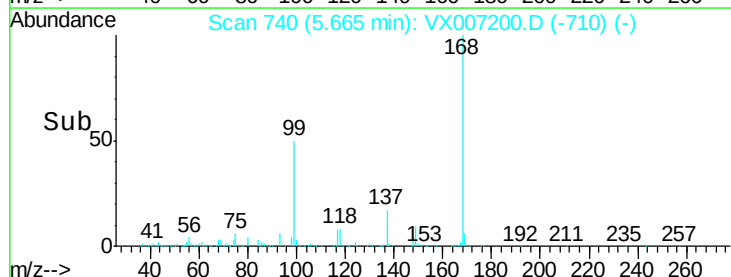
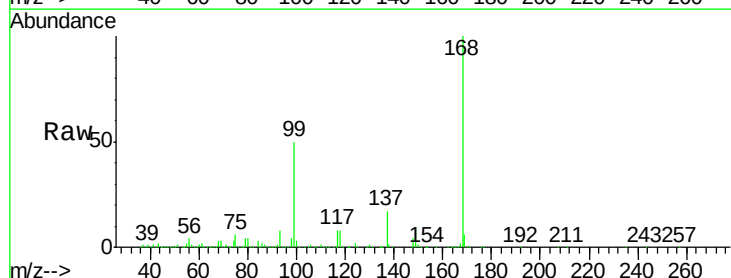
Tgt Ion: 117 Resp: 47095

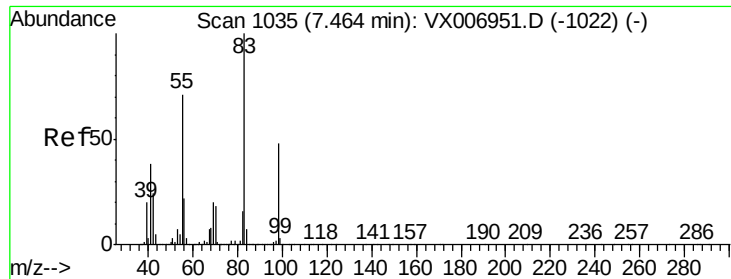
Ion Ratio Lower Upper

117 100

119 4.0 79.4 119.2#

121 0.8 24.0 36.0#

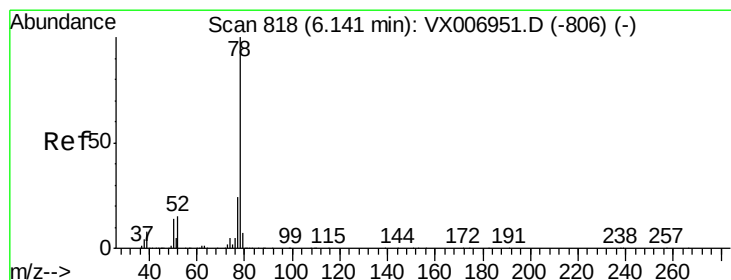
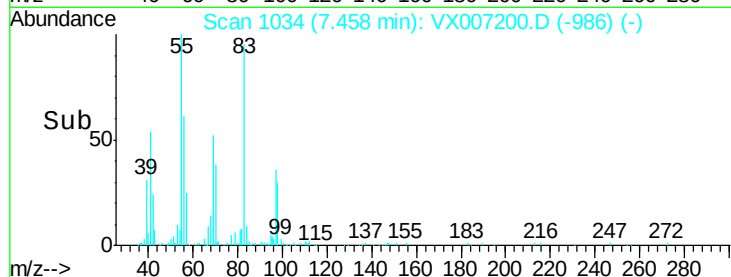
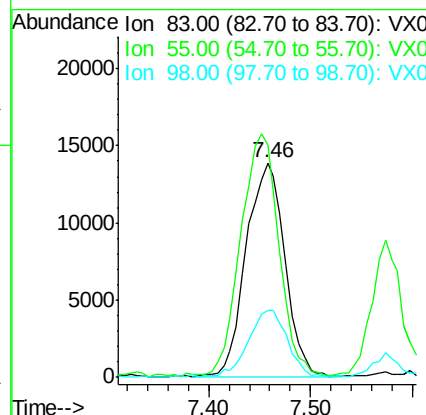
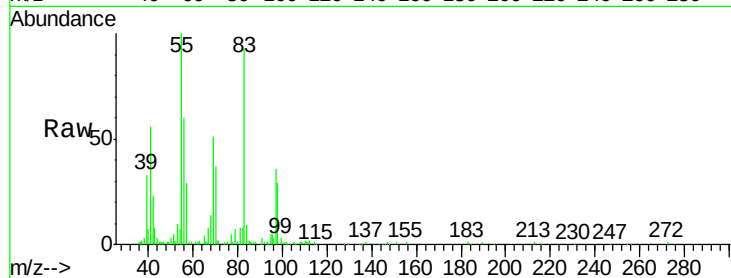




#39
Methylvlcyclohexane
Concen: 4.001 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007200.D
Acq: 24 Jan 2019 13:42

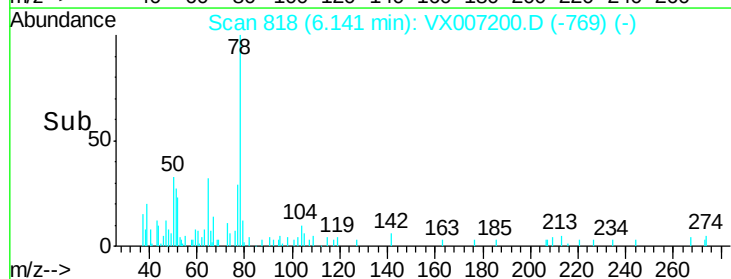
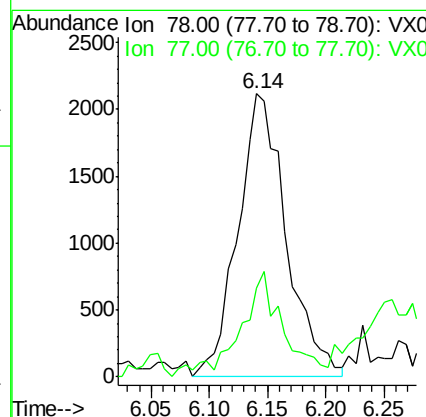
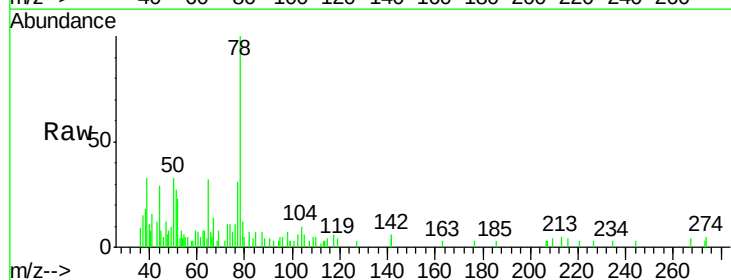
Instrument :
MSVOA_X
ClientSampleId :
ST008MW038-190122

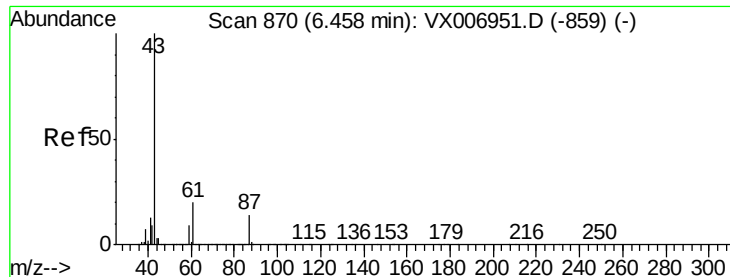
Tot Ion: 83 Resp: 36813
Ion Ratio Lower Upper
83 100
55 106.2 54.9 82.3#
98 30.9 37.9 56.9#



#40
Benzene
Concen: 0.277 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007200.D
Acq: 24 Jan 2019 13:42

Tgt Ion: 78 Resp: 6110
Ion Ratio Lower Upper
78 100
77 29.0 19.2 28.8#





#43

Isopropyl Acetate

Concen: 44.539 ug/l

RT: 6.35 min Scan# 852

Delta R.T. -0.11 min

Lab File: VX007200.D

Acq: 24 Jan 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

ST008MW038-190122

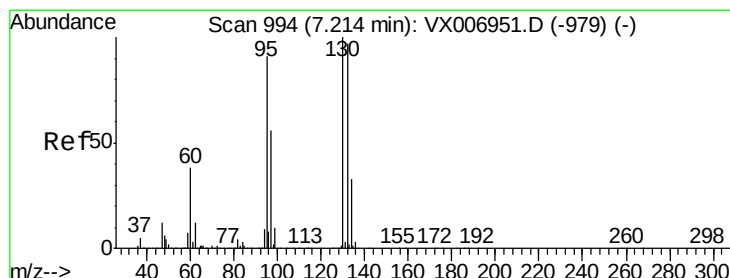
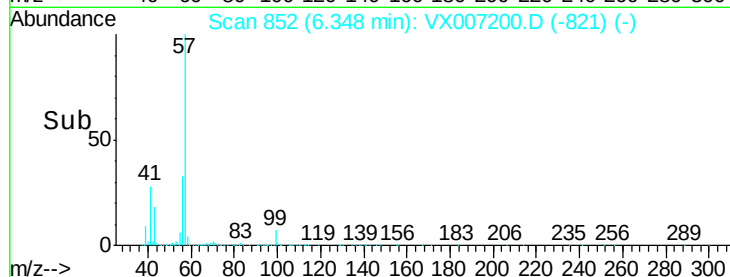
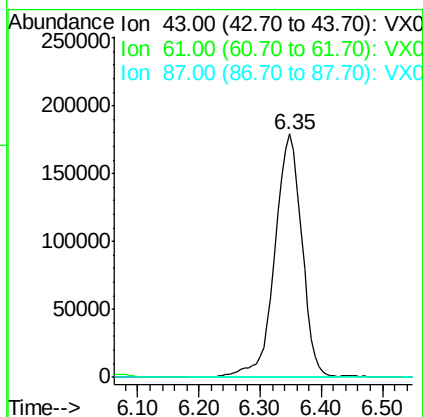
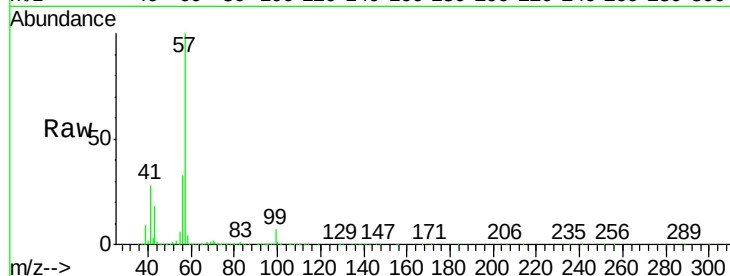
Tot Ion: 43 Resp: 543656

Ion Ratio Lower Upper

43 100

61 0.1 16.8 25.2#

87 0.0 12.4 18.6#



#44

Trichloroethene

Concen: 2.881 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX007200.D

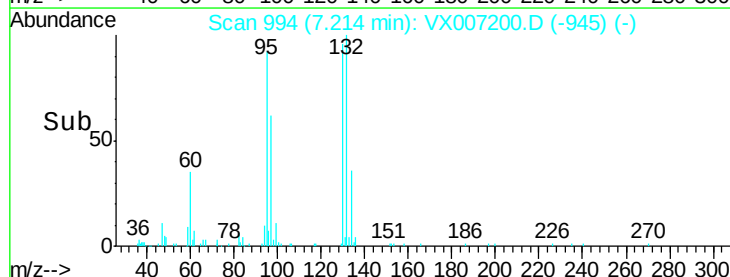
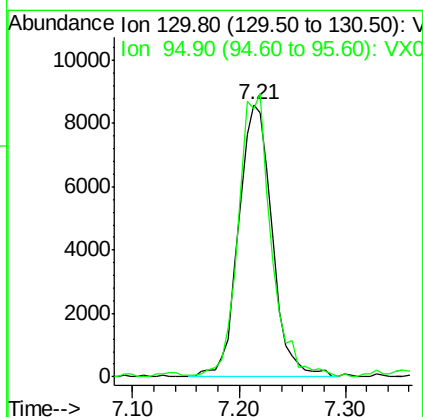
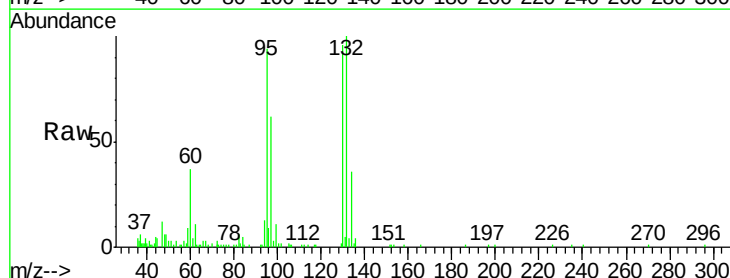
Acq: 24 Jan 2019 13:42

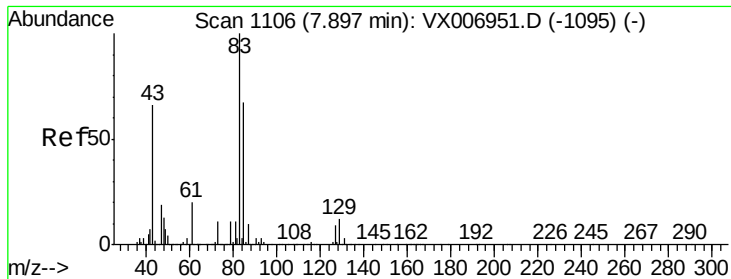
Tgt Ion:130 Resp: 19017

Ion Ratio Lower Upper

130 100

95 98.7 0.0 187.0





#47

Bromodichloromethane

Concen: 0.350 ug/l

RT: 7.85 min Scan# 1098

Delta R.T. -0.05 min

Lab File: VX007200.D

Acq: 24 Jan 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

ST008MW038-190122

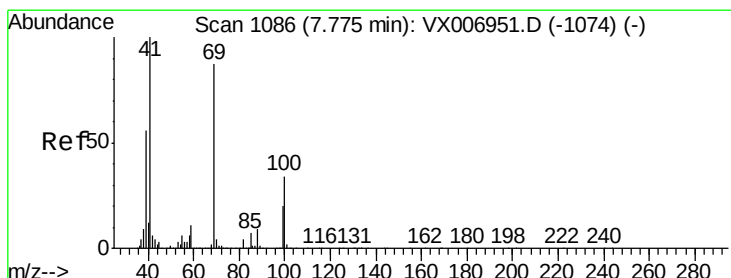
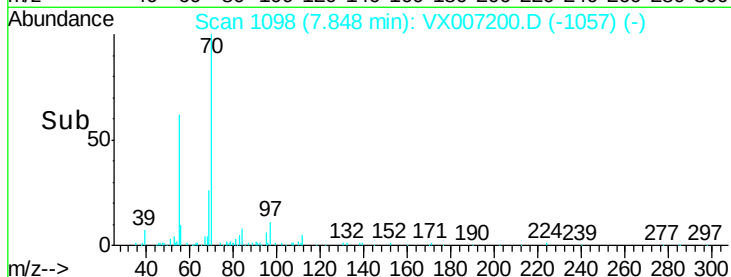
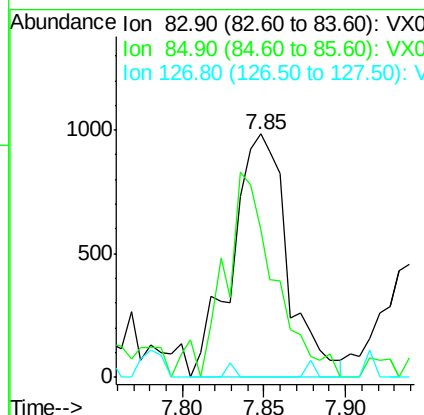
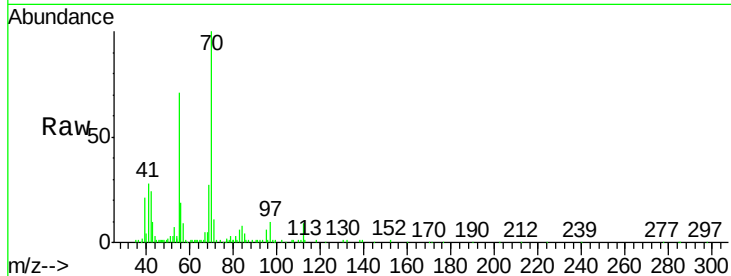
Tot Ion: 83 Resp: 2318

Ion Ratio Lower Upper

83 100

85 55.1 53.2 79.8

127 0.0 7.8 11.6#



#48

Methyl methacrylate

Concen: 1.454 ug/l

RT: 7.84 min Scan# 1097

Delta R.T. 0.07 min

Lab File: VX007200.D

Acq: 24 Jan 2019 13:42

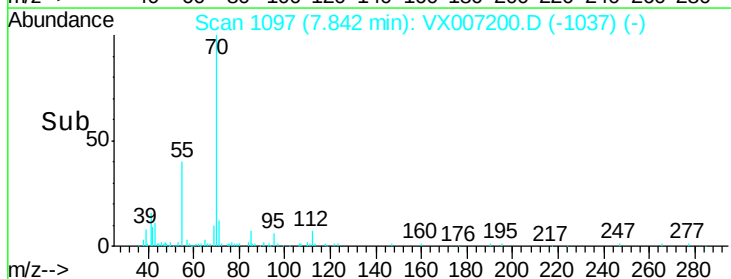
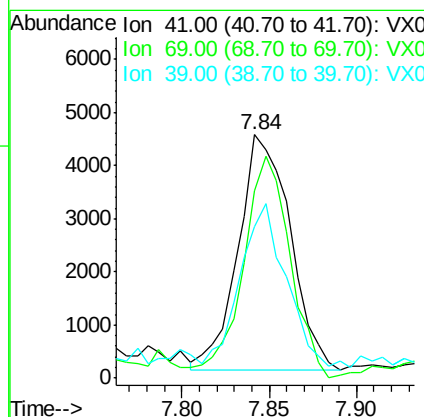
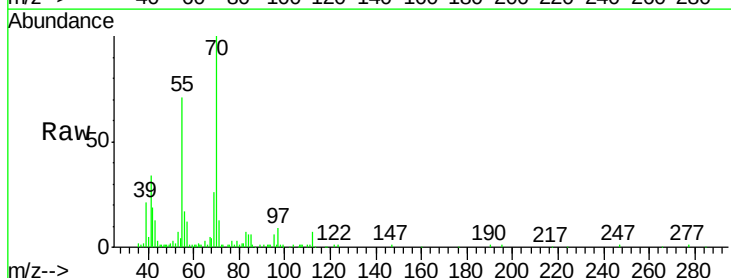
Tgt Ion: 41 Resp: 9116

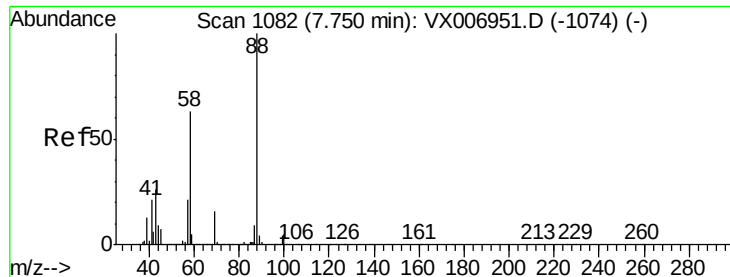
Ion Ratio Lower Upper

41 100

69 82.9 72.4 108.6

39 61.6 45.8 68.8





#49

1,4-Dioxane

Concen: Below Cal

RT: 7.74 min Scan# 1081

Delta R.T. -0.01 min

Lab File: VX007200.D

Acq: 24 Jan 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

ST008MW038-190122

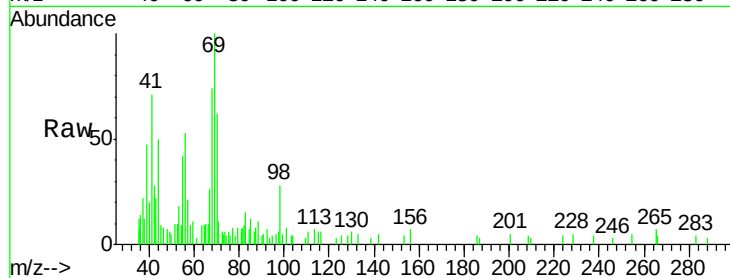
Tot Ion: 88 Resp: 89

Ion Ratio Lower Upper

88 100

43 0.0 22.2 33.4#

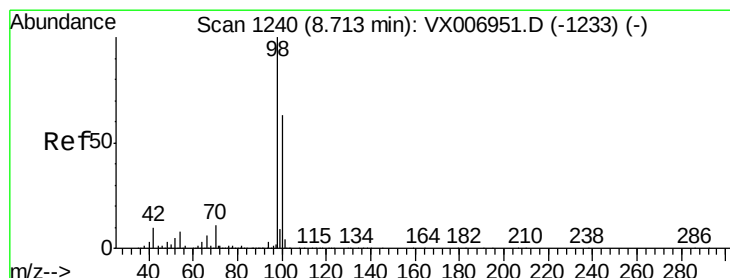
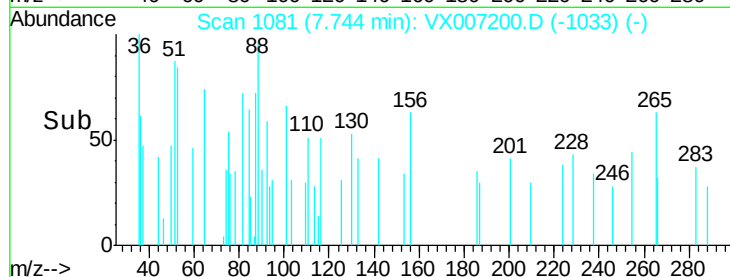
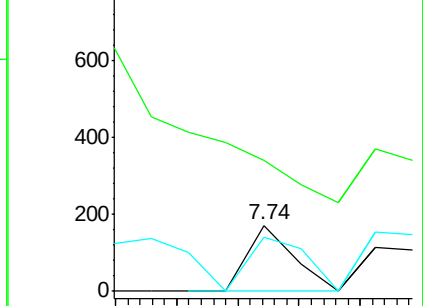
58 0.0 51.0 76.4#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.983 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007200.D

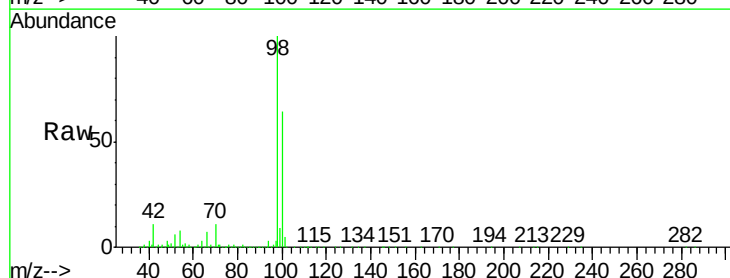
Acq: 24 Jan 2019 13:42

Tgt Ion: 98 Resp: 992159

Ion Ratio Lower Upper

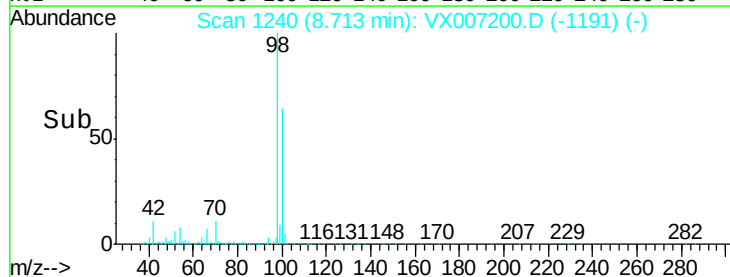
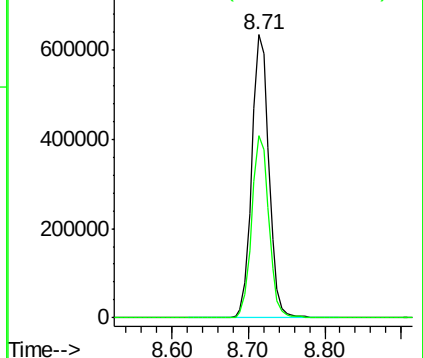
98 100

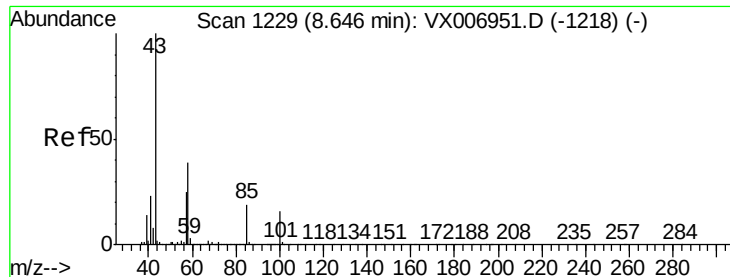
100 64.3 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 4.930 ug/l

RT: 8.68 min Scan# 1234

Delta R.T. 0.03 min

Lab File: VX007200.D

Acq: 24 Jan 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

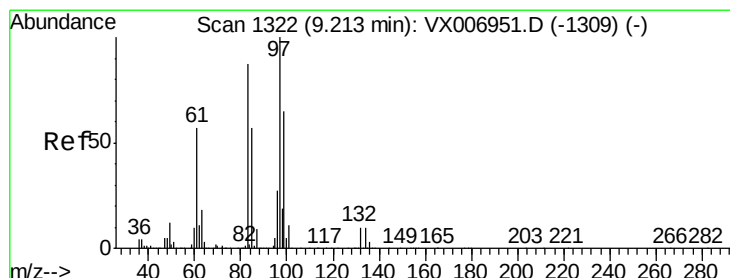
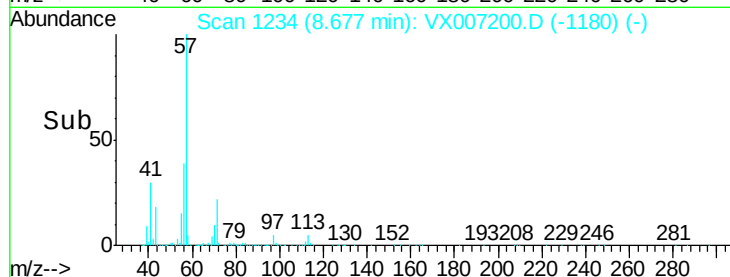
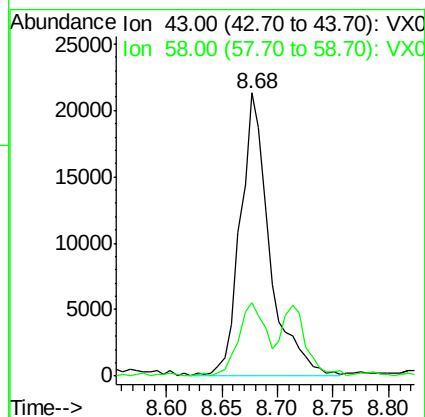
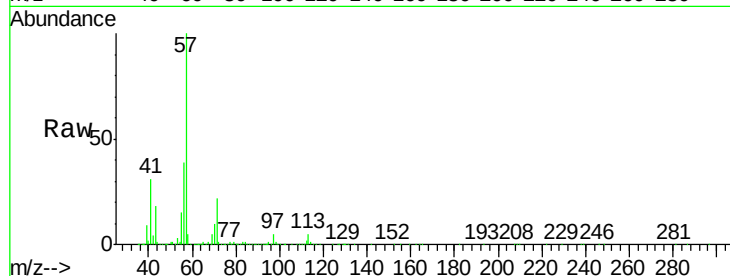
ST008MW038-190122

Tot Ion: 43 Resp: 38671

Ion Ratio Lower Upper

43 100

58 24.4 31.8 47.6#



#55

1,1,2-Trichloroethane

Concen: 3.098 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX007200.D

Acq: 24 Jan 2019 13:42

Tgt Ion: 97 Resp: 17552

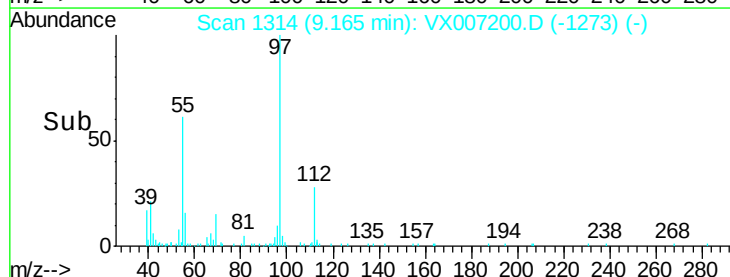
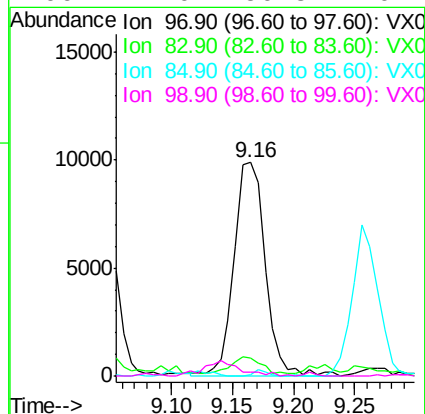
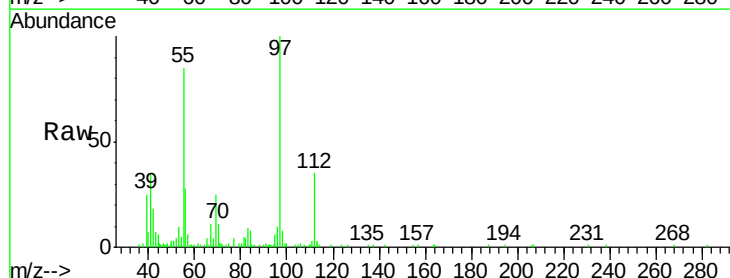
Ion Ratio Lower Upper

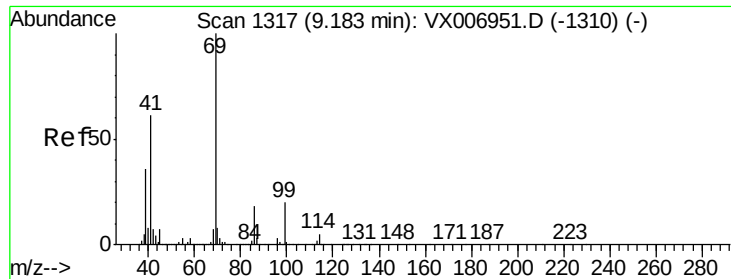
97 100

83 6.8 66.6 99.8#

85 0.0 42.7 64.1#

99 2.0 50.8 76.2#





#56

Ethyl methacrylate

Concen: 0.518 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.02 min

Lab File: VX007200.D

Acq: 24 Jan 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

ST008MW038-190122

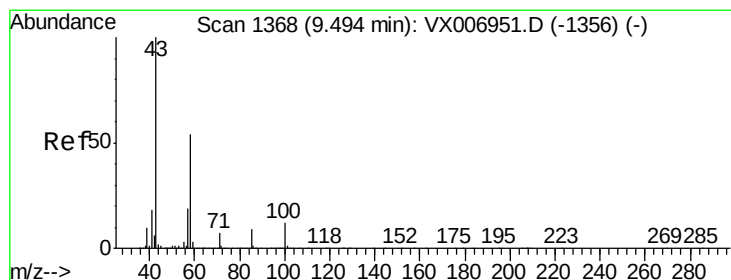
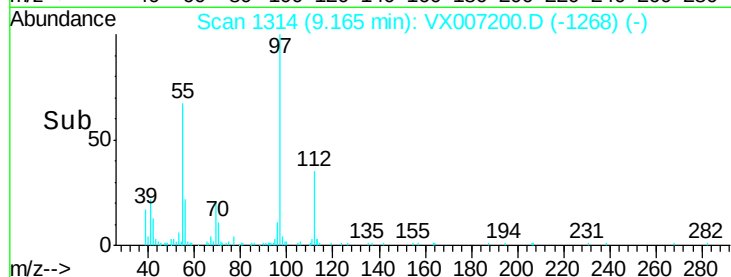
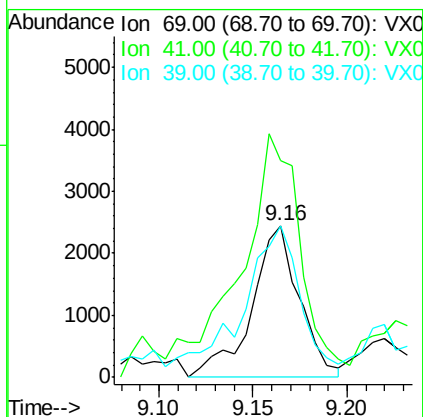
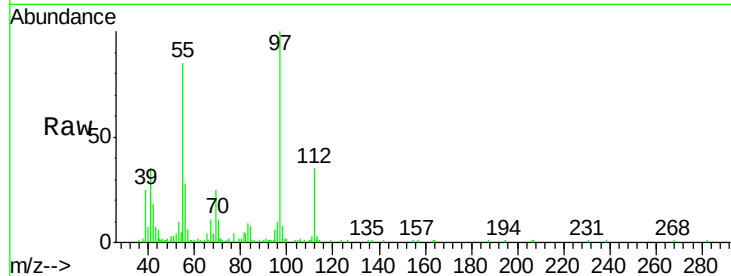
Tot Ion: 69.00 Resp: 4283

Ion Ratio Lower Upper

69 100

41 178.7 48.7 73.1#

39 104.6 27.0 40.6#



#59

2-Hexanone

Concen: 0.209 ug/l

RT: 9.51 min Scan# 1371

Delta R.T. 0.02 min

Lab File: VX007200.D

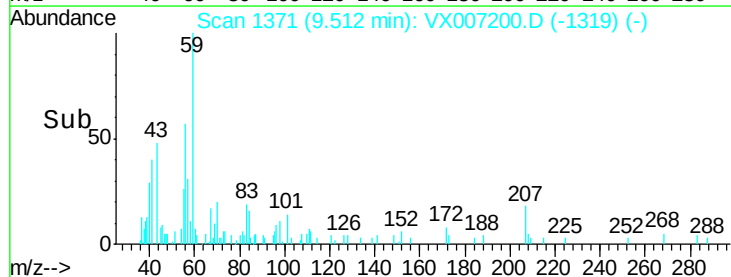
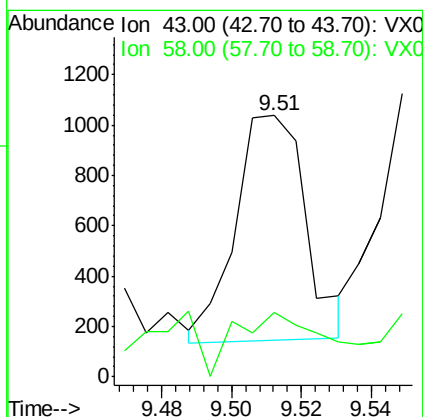
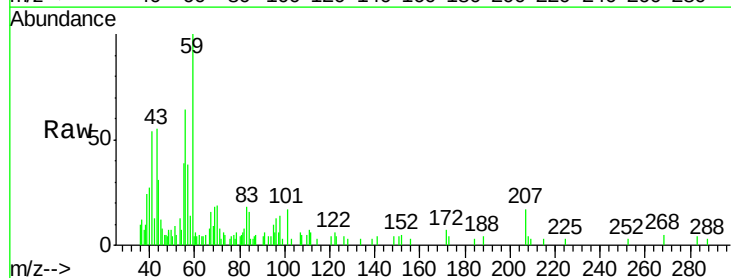
Acq: 24 Jan 2019 13:42

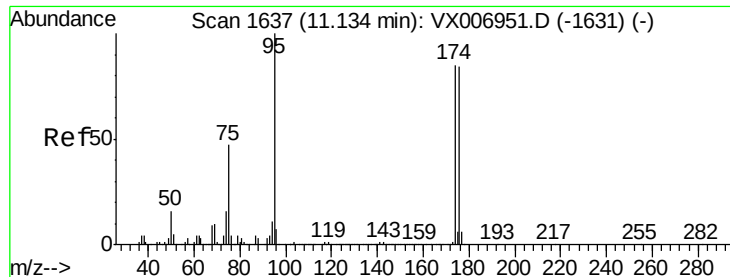
Tgt Ion: 43 Resp: 1248

Ion Ratio Lower Upper

43 100

58 38.2 27.7 83.1





#62

4-Bromofluorobenzene

Concen: 51.152 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007200.D

Acq: 24 Jan 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

ST008MW038-190122

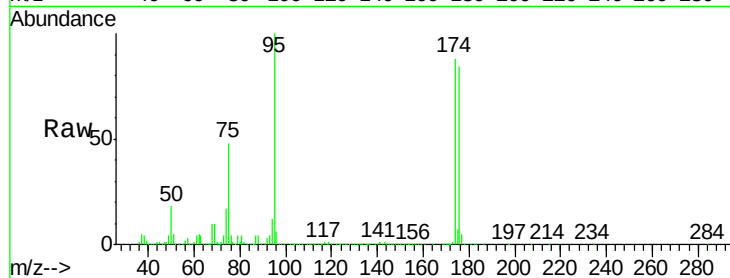
Tot Ion: 95 Resp: 347036

Ion Ratio Lower Upper

95 100

174 94.2 0.0 182.2

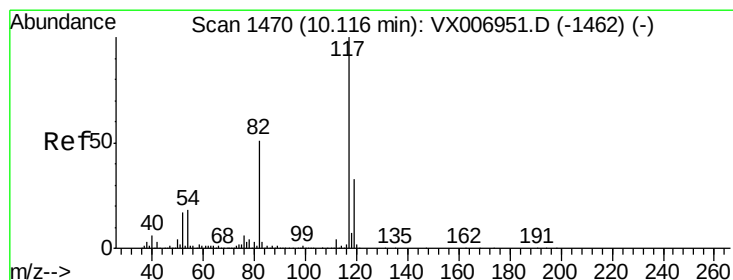
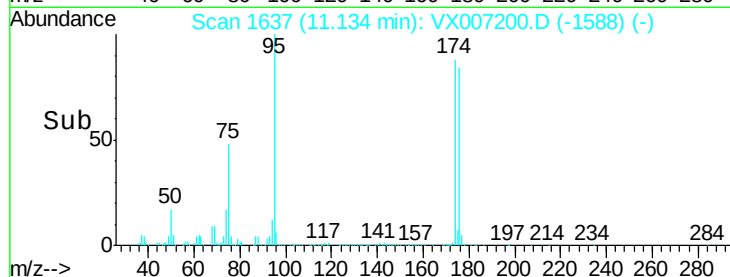
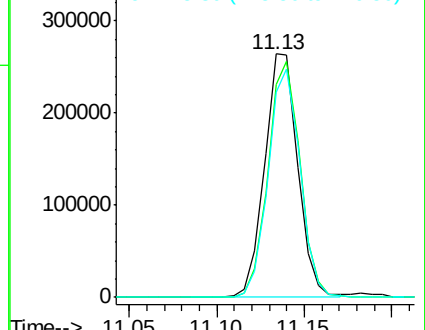
176 90.8 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX006951.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX006951.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX006951.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX007200.D

Acq: 24 Jan 2019 13:42

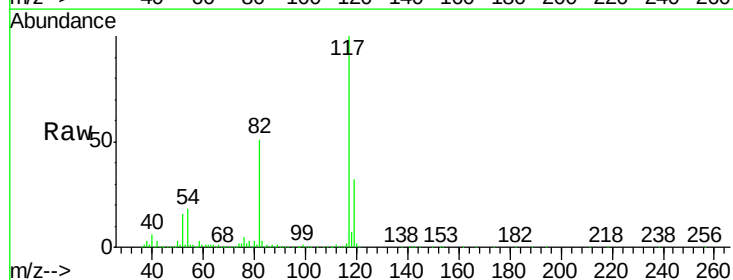
Tgt Ion: 117 Resp: 759360

Ion Ratio Lower Upper

117 100

82 50.9 41.0 61.6

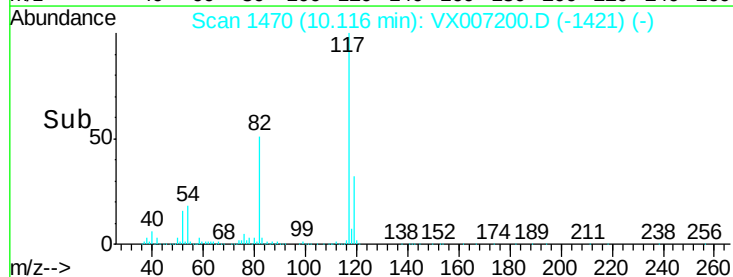
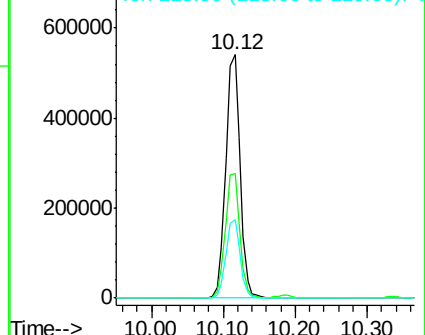
119 32.3 25.4 38.0

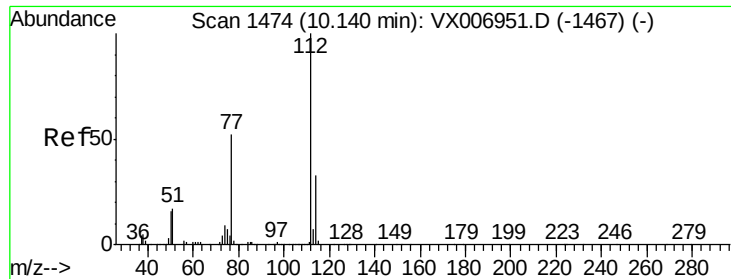


Abundance Ion 116.90 (116.60 to 117.60): VX006951.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX006951.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006951.D (-1462) (-)





#65

Chlorobenzene

Concen: 12.733 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007200.D

Acq: 24 Jan 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

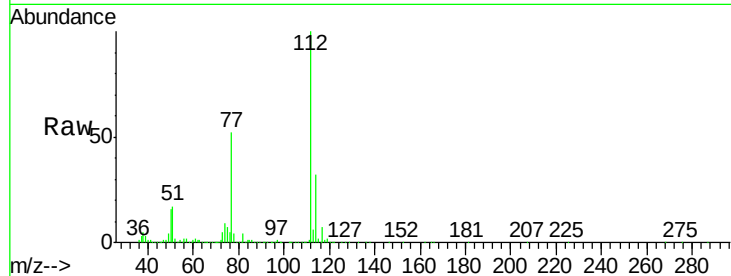
ST008MW038-190122

Tot Ion:112 Resp: 210882

Ion Ratio Lower Upper

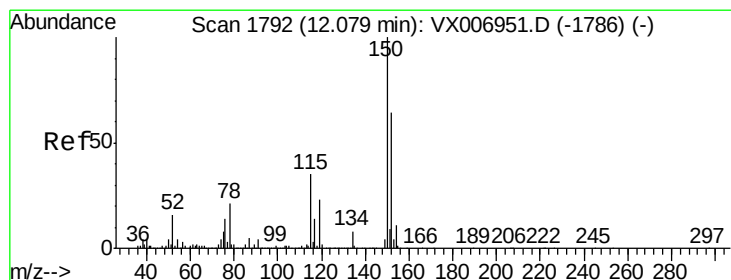
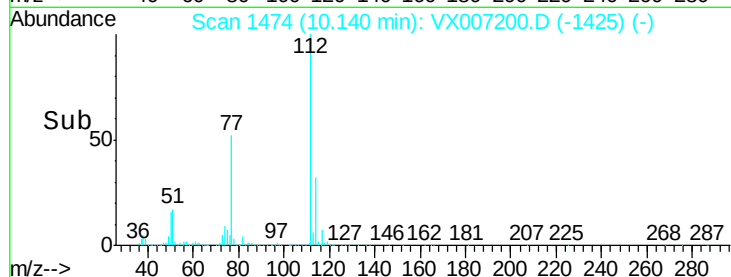
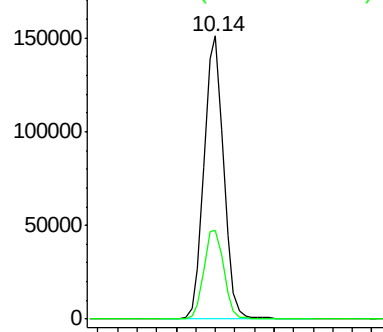
112 100

114 31.6 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007200.D

Acq: 24 Jan 2019 13:42

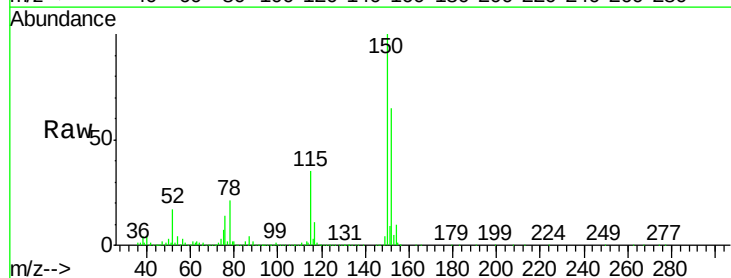
Tgt Ion:152 Resp: 379180

Ion Ratio Lower Upper

152 100

115 54.0 39.1 117.2

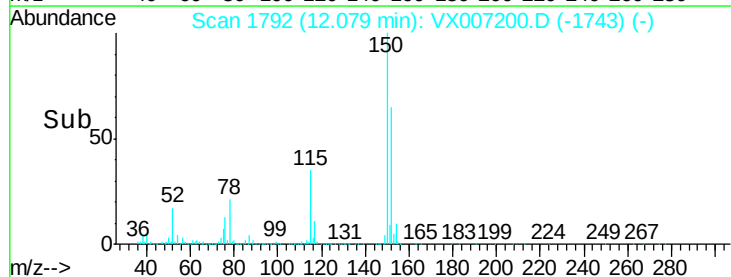
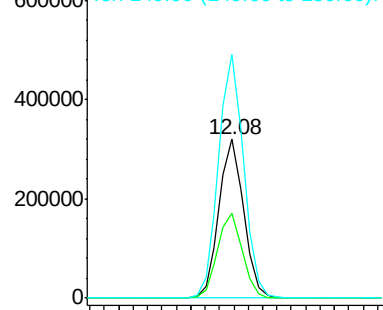
150 155.8 0.0 344.8

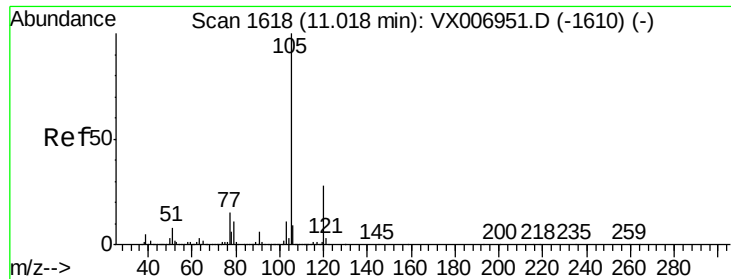


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.487 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007200.D

Acq: 24 Jan 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

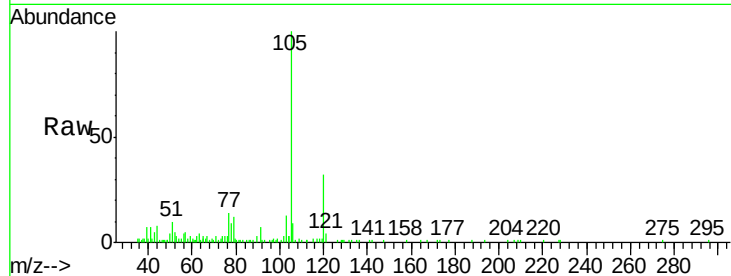
ST008MW038-190122

Tot Ion:105 Resp: 13023

Ion Ratio Lower Upper

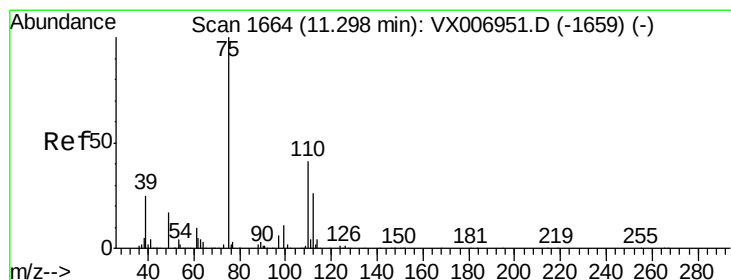
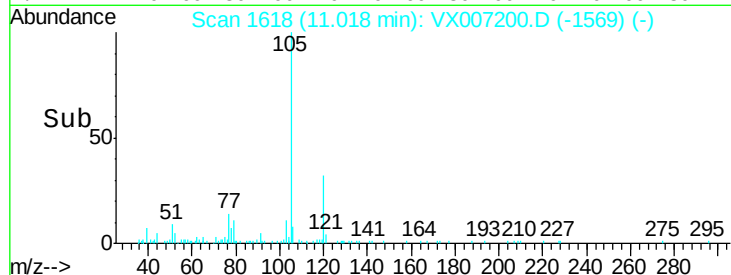
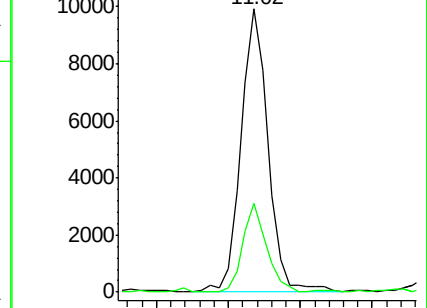
105 100

120 27.4 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 21.867 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007200.D

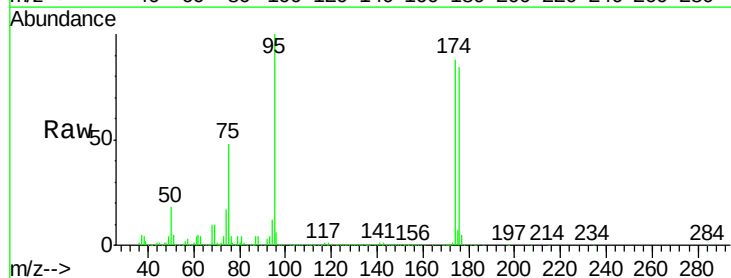
Acq: 24 Jan 2019 13:42

Tgt Ion: 75 Resp: 168026

Ion Ratio Lower Upper

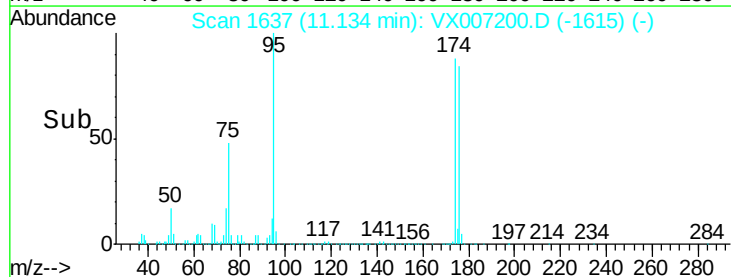
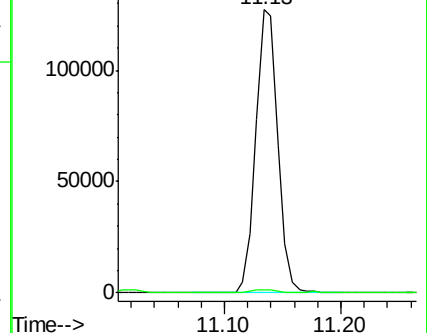
75 100

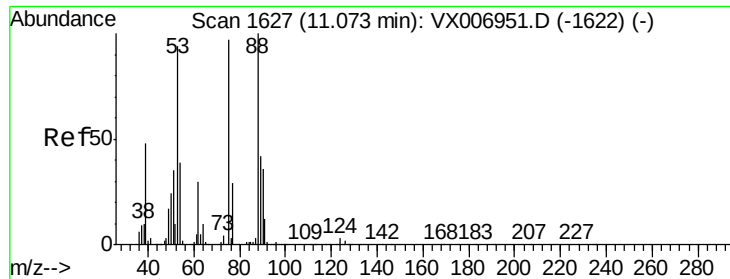
77 1.5 18.5 55.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

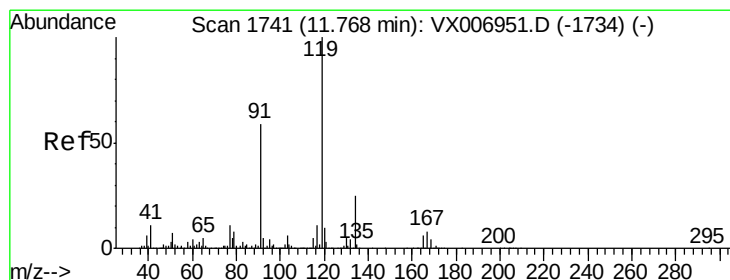
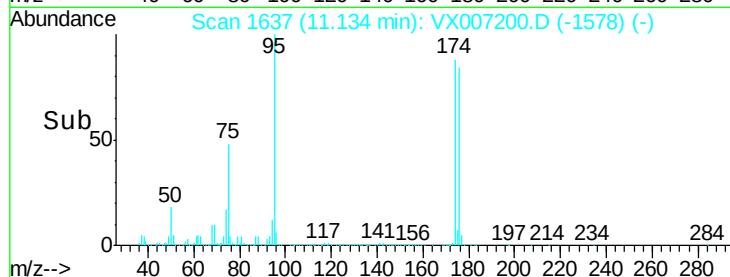
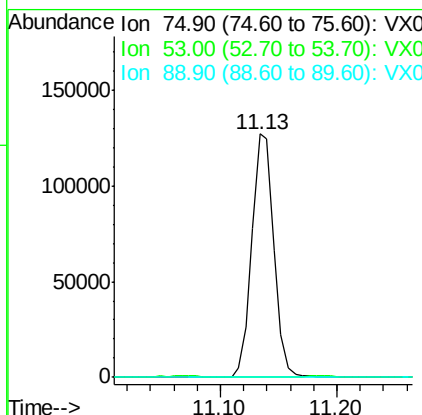
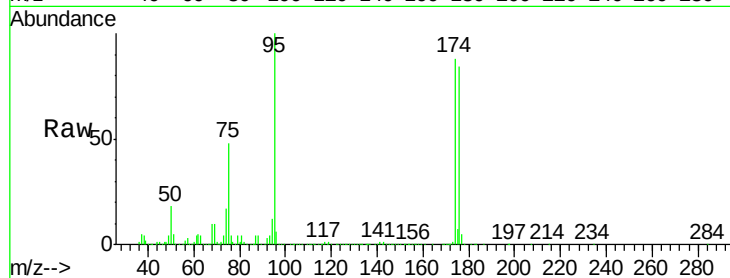




#81
trans-1,4-Dichloro-2-butene
Concen: 64.782 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX007200.D
Acq: 24 Jan 2019 13:42

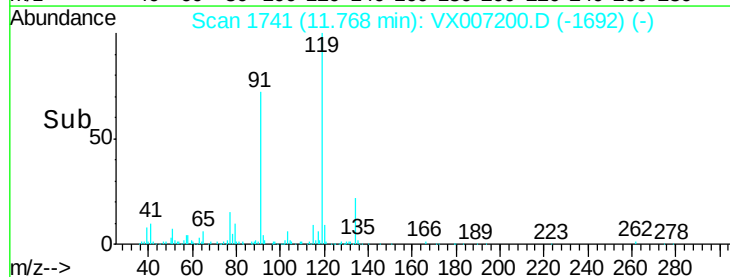
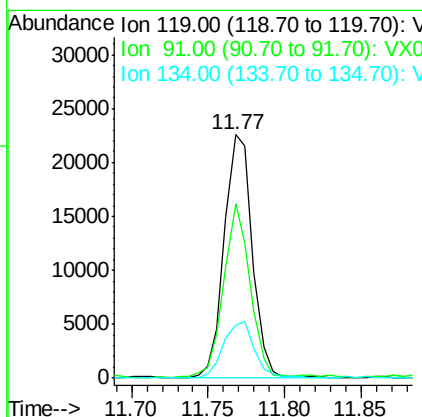
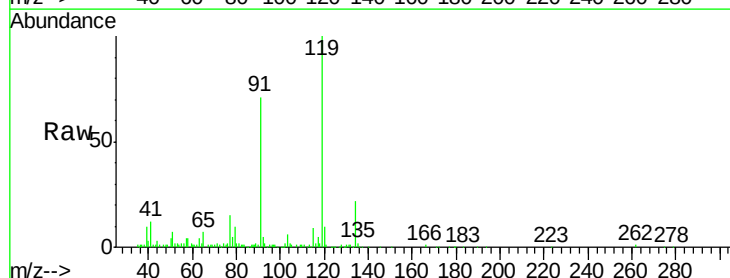
Instrument :
MSVOA_X
ClientSampleId :
ST008MW038-190122

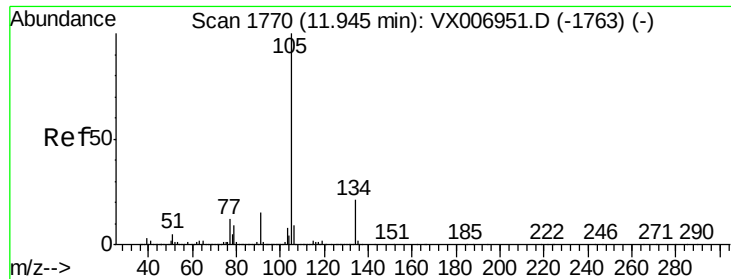
Tot Ion: 75 Resp: 168026
Ion Ratio Lower Upper
75 100
53 0.3 79.7 119.5#
89 0.1 38.0 57.0#



#83
tert-Butylbenzene
Concen: 1.297 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX007200.D
Acq: 24 Jan 2019 13:42

Tgt Ion: 119 Resp: 28915
Ion Ratio Lower Upper
119 100
91 68.1 27.7 83.1
134 25.8 11.9 35.5





#85

sec-Butylbenzene

Concen: 2.203 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007200.D

Acq: 24 Jan 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

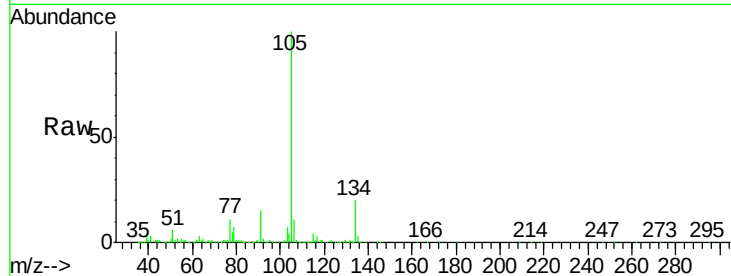
ST008MW038-190122

Tot Ion:105 Resp: 58637

Ion Ratio Lower Upper

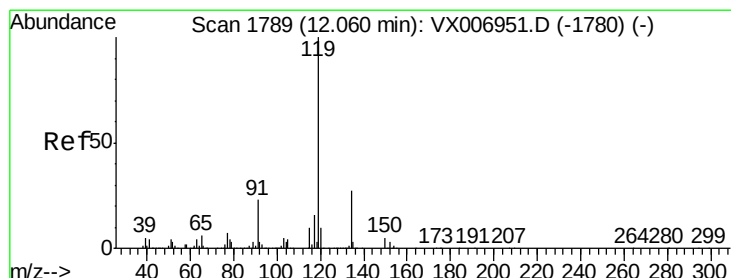
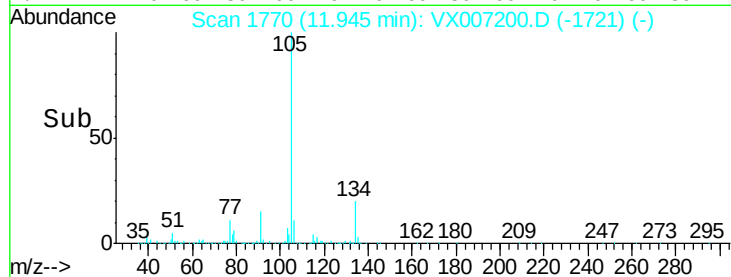
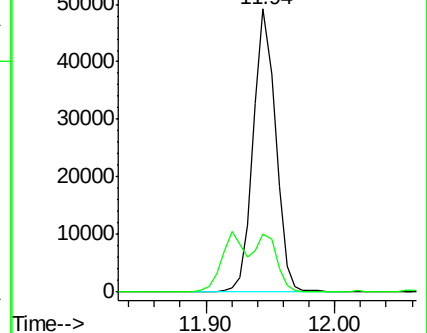
105 100

134 20.2 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 4.235 ug/l

RT: 12.23 min Scan# 1817

Delta R.T. 0.17 min

Lab File: VX007200.D

Acq: 24 Jan 2019 13:42

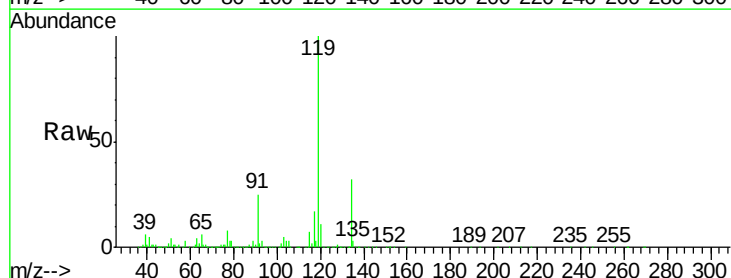
Tgt Ion:119 Resp: 100853

Ion Ratio Lower Upper

119 100

134 30.4 14.0 41.9

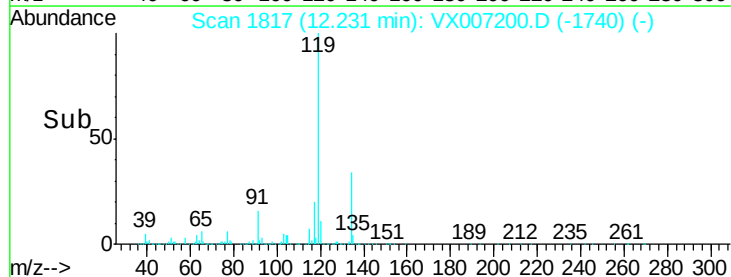
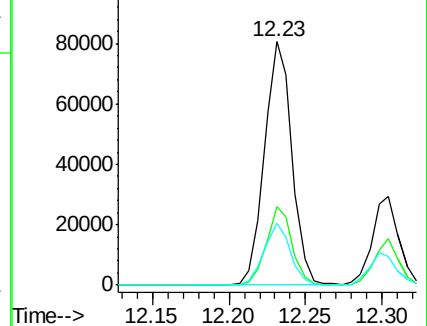
91 24.2 11.3 33.9

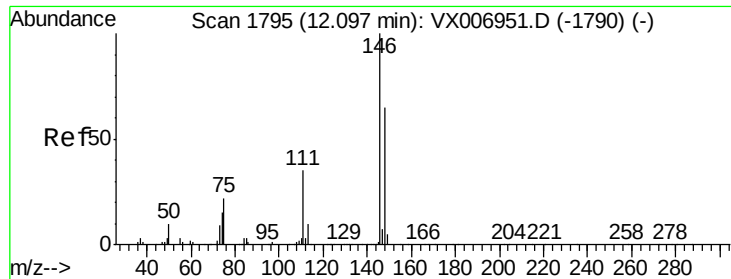


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

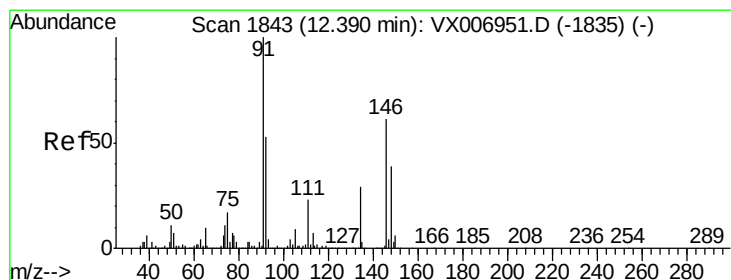
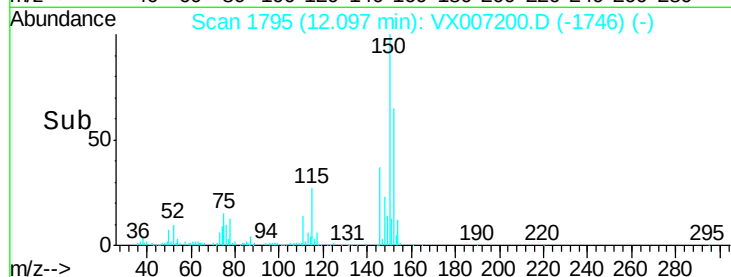
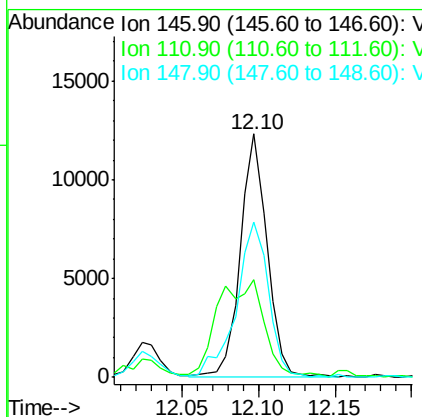
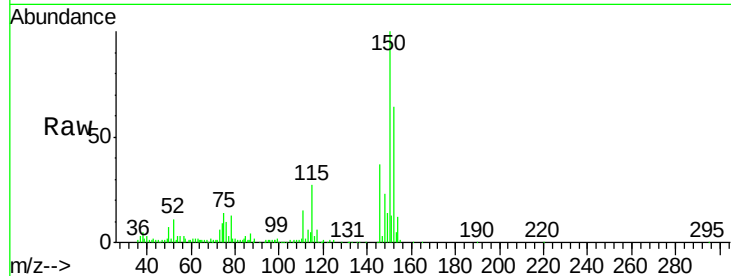




#88
 1,4-Dichlorobenzene
 Concen: 1.328 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007200.D
 Acq: 24 Jan 2019 13:42

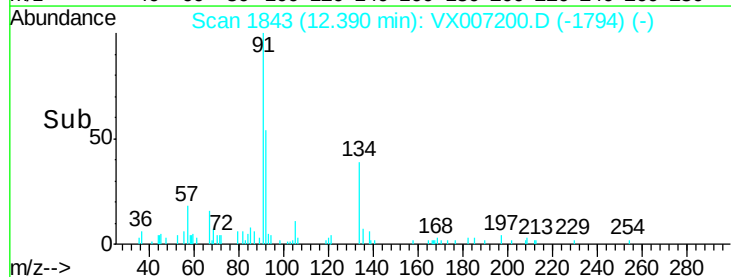
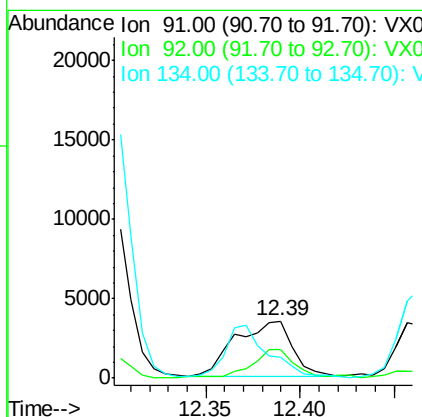
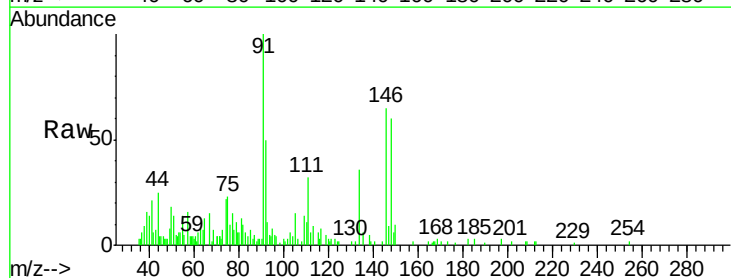
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW038-190122

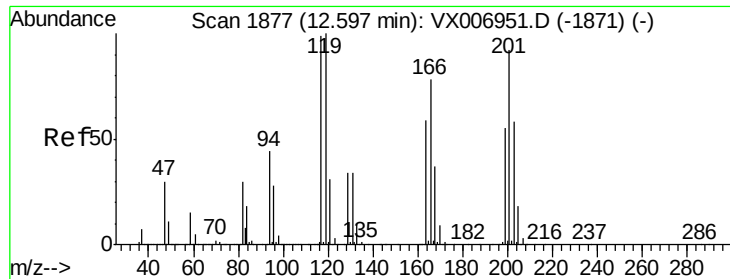
Tot Ion:146 Resp: 14968
 Ion Ratio Lower Upper
 146 100
 111 70.4 18.1 54.1#
 148 76.8 31.9 95.9



#89
 n-Butylbenzene
 Concen: 0.369 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007200.D
 Acq: 24 Jan 2019 13:42

Tgt Ion: 91 Resp: 7499
 Ion Ratio Lower Upper
 91 100
 92 41.8 26.8 80.4
 134 71.9 14.4 43.2#





#90

Hexachloroethane

Concen: 6.023 ug/l

RT: 12.66 min Scan# 1888

Delta R.T. 0.07 min

Lab File: VX007200.D

Acq: 24 Jan 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

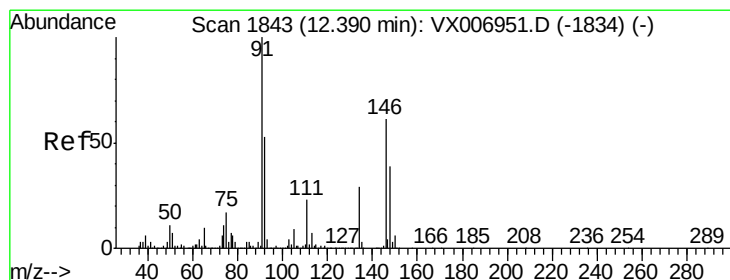
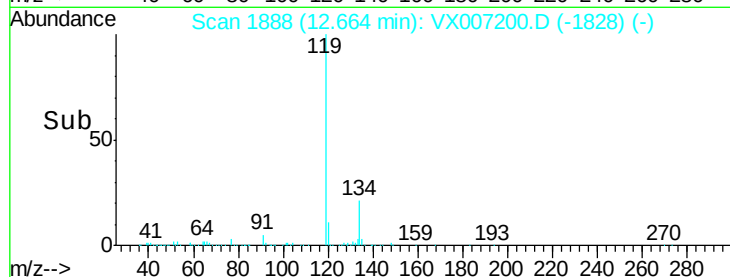
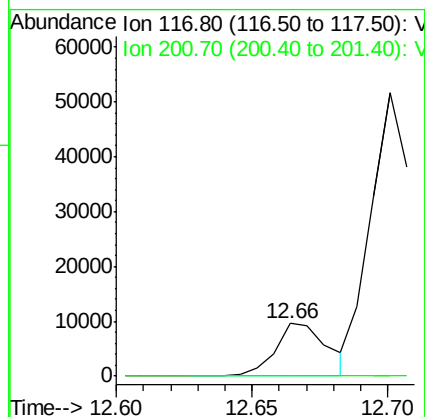
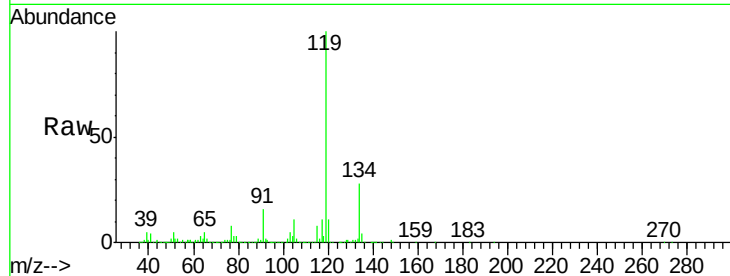
ST008MW038-190122

Tot Ion:117 Resp: 12570

Ion Ratio Lower Upper

117 100

201 0.0 42.9 128.7#



#91

1,2-Dichlorobenzene

Concen: 0.266 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VX007200.D

Acq: 24 Jan 2019 13:42

Tgt Ion:146 Resp: 3498

Ion Ratio Lower Upper

146 100

111 48.1 19.4 58.2

148 71.0 32.3 96.9

