

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070819\
 Data File : VX010695.D
 Acq On : 08 Jul 2019 15:02
 Operator : JC/SP
 Sample : K3669-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW038-190701

Quant Time: Jul 09 01:08:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	230405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	358553	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	330024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	157650	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	117076	54.19	ug/l	0.00
Spiked Amount			Recovery	=	108.38%	
35) Dibromofluoromethane	5.50	113	108723	49.56	ug/l	0.00
Spiked Amount			Recovery	=	99.12%	
50) Toluene-d8	8.71	98	432432	51.52	ug/l	0.00
Spiked Amount			Recovery	=	103.04%	
62) 4-Bromofluorobenzene	11.13	95	148171	48.90	ug/l	0.00
Spiked Amount			Recovery	=	97.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	600	0.322	ug/l #	62
4) Vinyl Chloride	1.40	62	1804	0.883	ug/l #	86
5) Bromomethane	1.65	94	556	0.559	ug/l #	51
6) Chloroethane	1.75	64	443	0.368	ug/l #	41
11) Tert butyl alcohol	3.04	59	1691	2.991	ug/l #	74
13) Acrolein	2.32	56	171	0.456	ug/l #	76
14) Allyl chloride	2.84	41	145333	51.258	ug/l #	63
15) Acrylonitrile	3.17	53	1725	1.541	ug/l #	39
16) Acetone	2.45	43	3154	2.913	ug/l	92
18) Methyl Acetate	2.84	43	354670	164.365	ug/l #	48
20) Methylene Chloride	2.83	84	1551	0.696	ug/l #	1
25) 2-Butanone	4.56	43	11446	7.207	ug/l #	46
27) cis-1,2-Dichloroethene	4.60	96	9319	3.755	ug/l	94
29) Tetrahydrofuran	5.13	42	386	0.392	ug/l #	28
31) Cyclohexane	5.73	56	303490	97.260	ug/l #	13
36) 1,1-Dichloropropene	5.67	75	14645	5.140	ug/l #	48
38) Carbon Tetrachloride	5.67	117	20837	6.753	ug/l #	16
39) Methylcyclohexane	7.46	83	13425	3.585	ug/l #	66
43) Isopropyl Acetate	6.35	43	187973	38.760	ug/l #	57
44) Trichloroethene	7.21	130	4239	1.596	ug/l	83
48) Methyl methacrylate	7.85	41	3291	1.460	ug/l	98
49) 1,4-Dioxane	7.76	88	77	1.186	ug/l #	28
51) 4-Methyl-2-Pentanone	8.68	43	13080	4.217	ug/l #	75
55) 1,1,2-Trichloroethane	9.16	97	6275	2.603	ug/l #	20
56) Ethyl methacrylate	9.17	69	1558	0.427	ug/l #	1
59) 2-Hexanone	9.56	43	535	0.219	ug/l	74
65) Chlorobenzene	10.13	112	67390	10.058	ug/l	98
73) Isopropylbenzene	11.02	105	5156	0.482	ug/l	95
76) 1,2,3-Trichloropropane	11.13	75	71551	24.906	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	71551	58.104	ug/l #	16
83) tert-Butylbenzene	11.77	119	11428	1.292	ug/l	93
85) sec-Butylbenzene	11.94	105	23487	2.262	ug/l #	55
86) p-Isopropyltoluene	12.23	119	39987	4.164	ug/l	96
88) 1,4-Dichlorobenzene	12.10	146	5400	1.018	ug/l #	68

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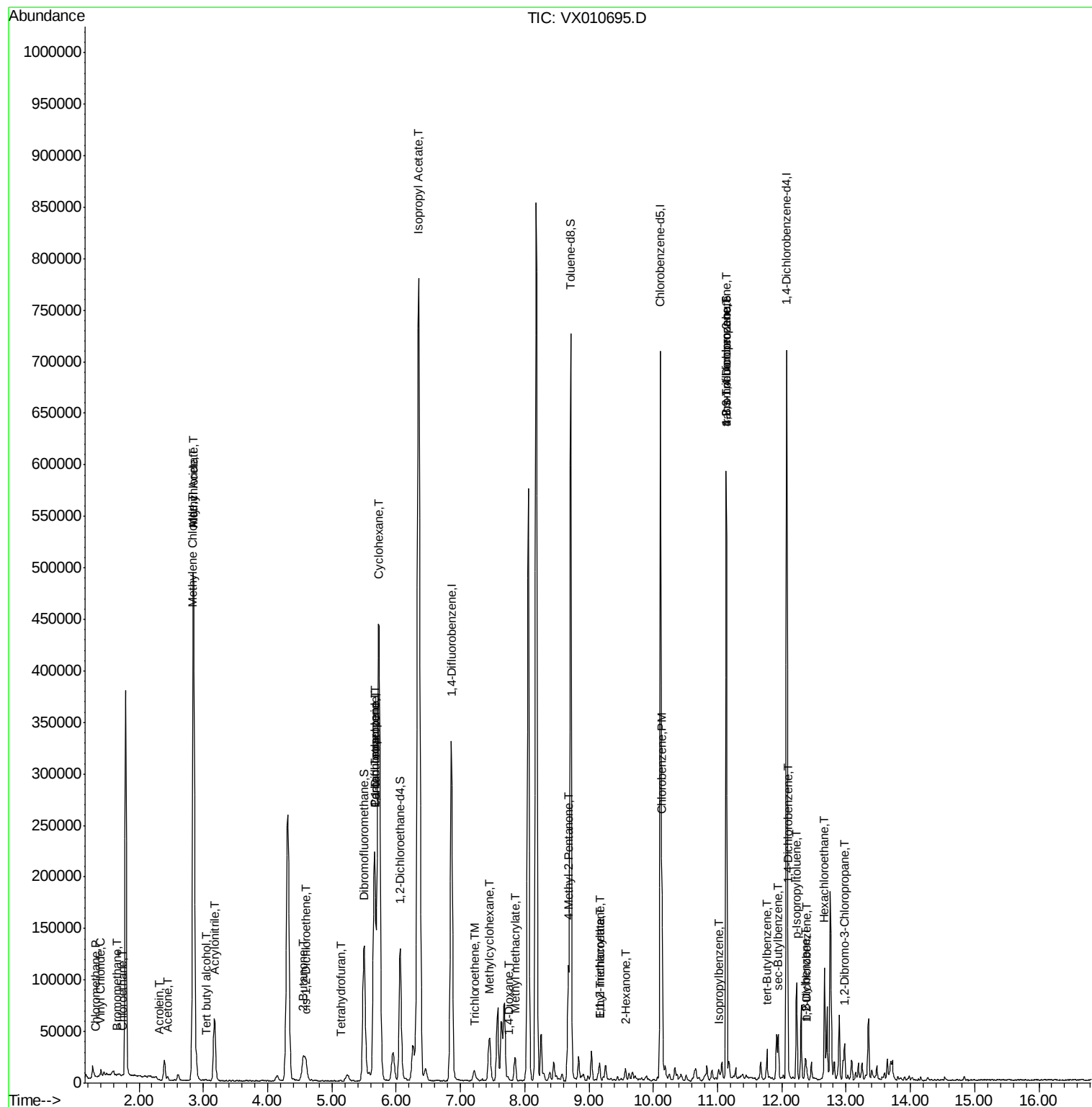
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.38	91	2868	0.351	ug/l #	63
90) Hexachloroethane	12.66	117	4560	2.746	ug/l #	5
91) 1,2-Dichlorobenzene	12.39	146	1433	0.277	ug/l	84
92) 1,2-Dibromo-3-Chloropropan	12.96	75	401	0.526	ug/l #	1

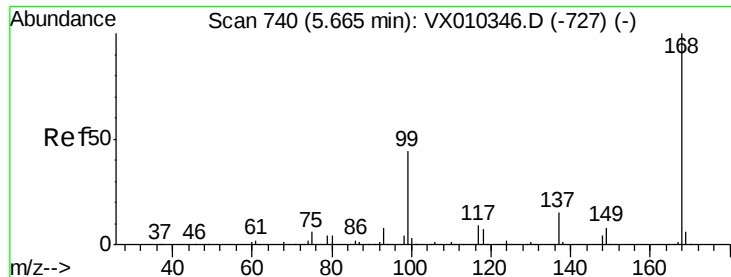
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010695.D

Acq: 08 Jul 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

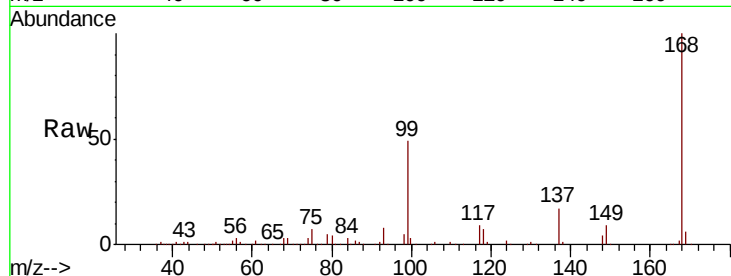
ST008MW038-190701

Tot Ion:168 Resp: 230405

Ion Ratio Lower Upper

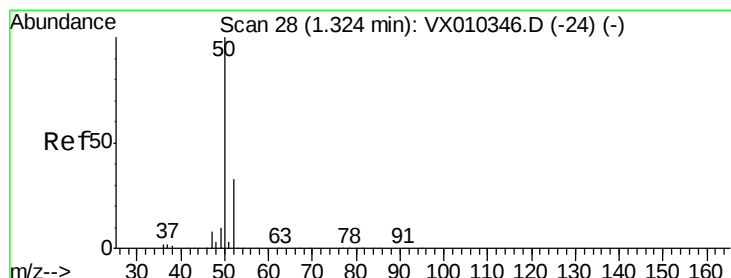
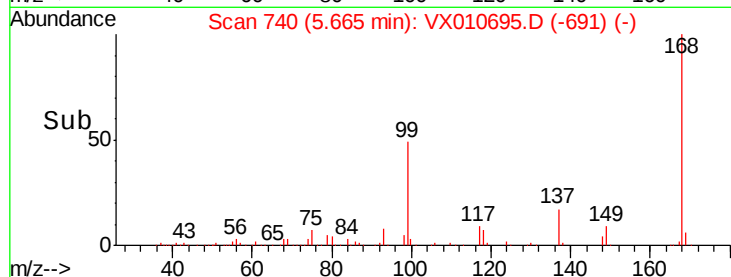
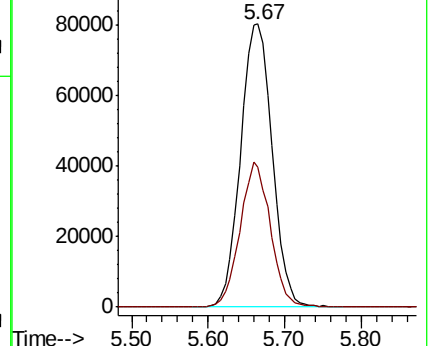
168 100

99 49.3 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.322 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010695.D

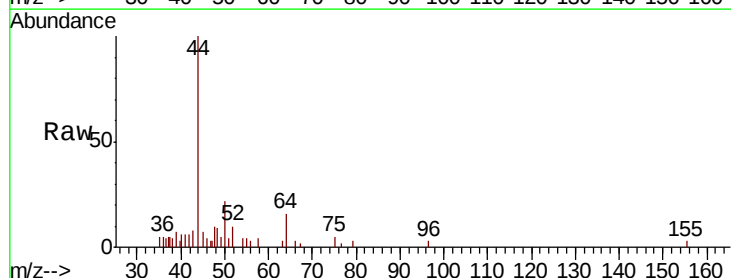
Acq: 08 Jul 2019 15:02

Tgt Ion: 50 Resp: 600

Ion Ratio Lower Upper

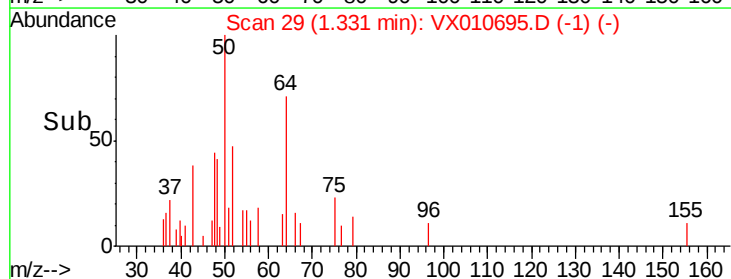
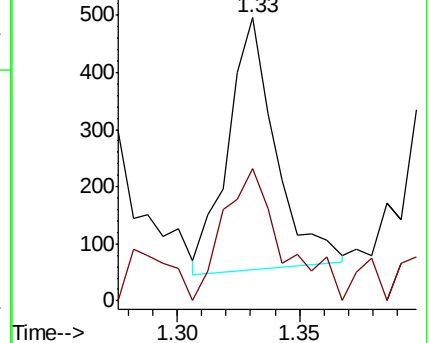
50 100

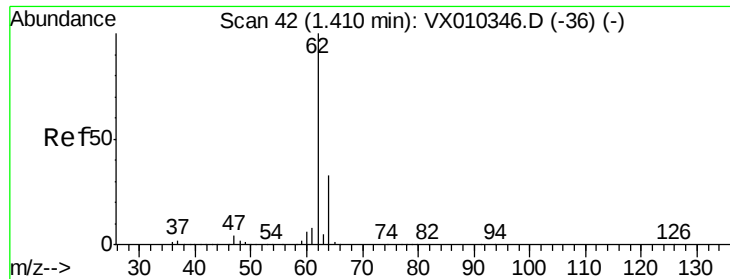
52 54.6 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 0.883 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX010695.D

Acq: 08 Jul 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

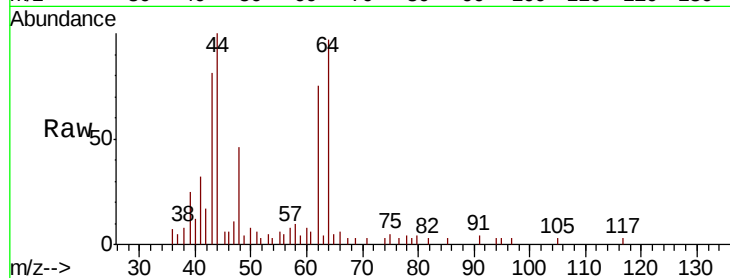
ST008MW038-190701

Tot Ion: 62 Resp: 1804

Ion Ratio Lower Upper

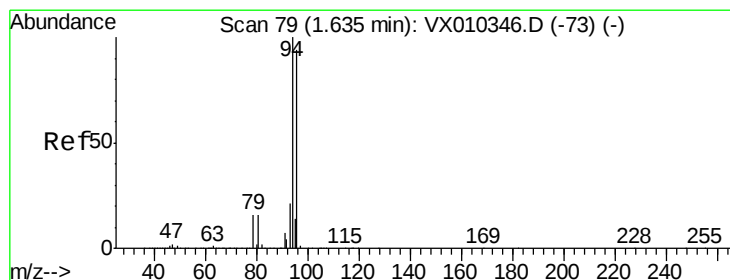
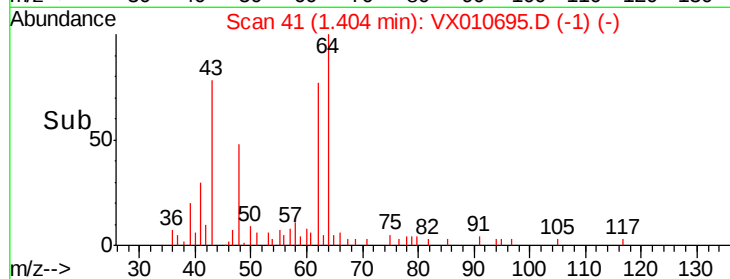
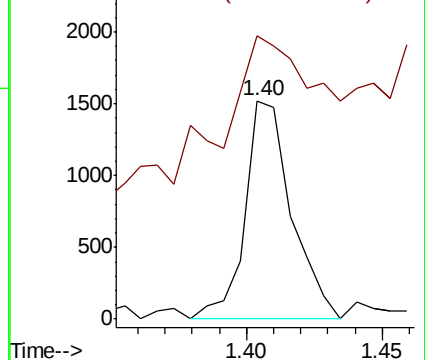
62 100

64 41.0 26.2 39.4#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#5

Bromomethane

Concen: 0.559 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX010695.D

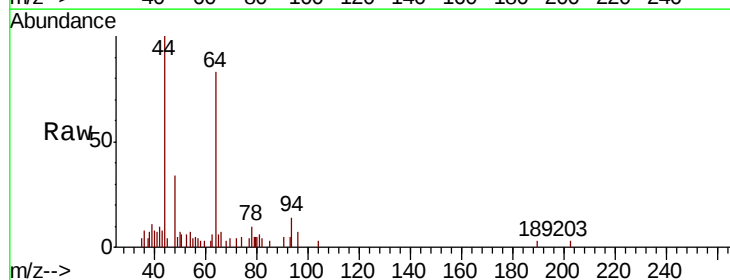
Acq: 08 Jul 2019 15:02

Tgt Ion: 94 Resp: 556

Ion Ratio Lower Upper

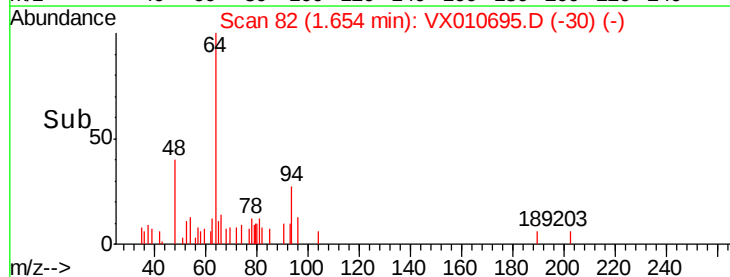
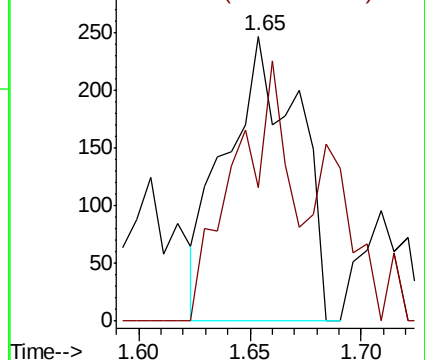
94 100

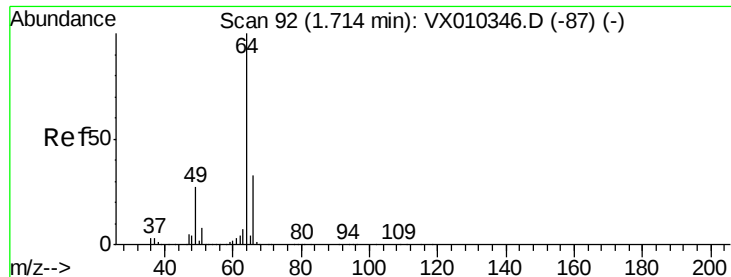
96 47.0 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.368 ug/l

RT: 1.75 min Scan# 97

Delta R.T. 0.03 min

Lab File: VX010695.D

Acq: 08 Jul 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

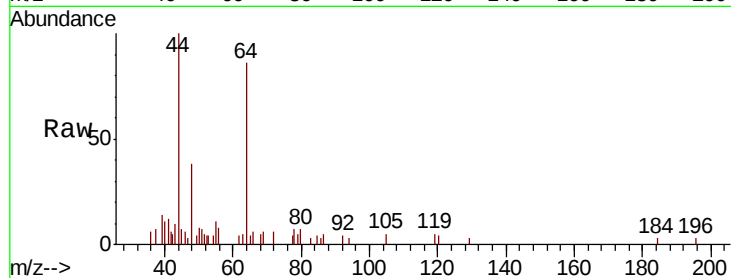
ST008MW038-190701

Tot Ion: 64 Resp: 443

Ion Ratio Lower Upper

64 100

66 0.0 26.6 40.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.75

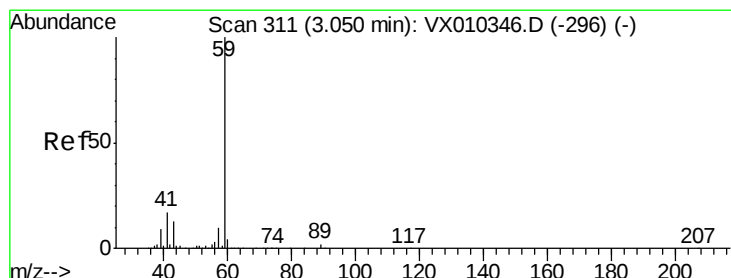
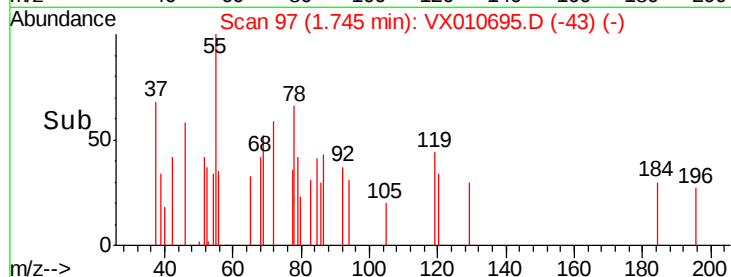
1500

1000

500

0

Time--> 1.70 1.72 1.74 1.76



#11

Tert butyl alcohol

Concen: 2.991 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.01 min

Lab File: VX010695.D

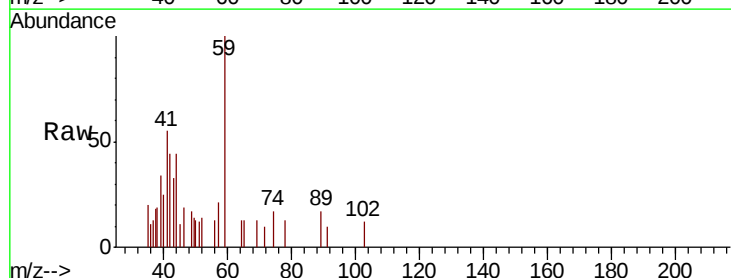
Acq: 08 Jul 2019 15:02

Tgt Ion: 59 Resp: 1691

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

20000

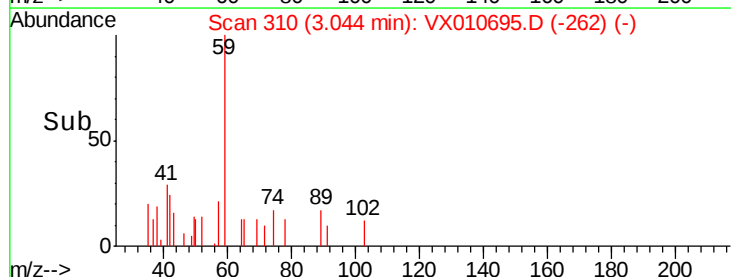
15000

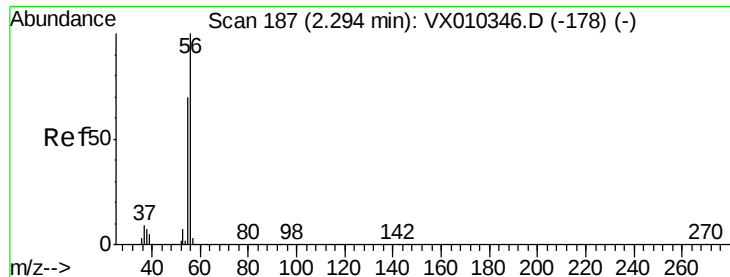
10000

5000

0

Time--> 2.95 3.00 3.05 3.10 3.15





#13

Acrolein

Concen: 0.456 ug/l

RT: 2.32 min Scan# 191

Delta R.T. 0.02 min

Lab File: VX010695.D

Acq: 08 Jul 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

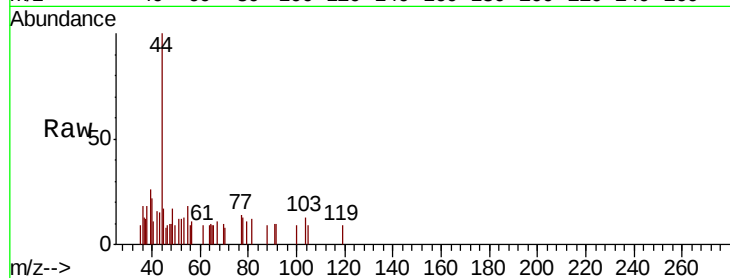
ST008MW038-190701

Tot Ion: 56 Resp: 171

Ion Ratio Lower Upper

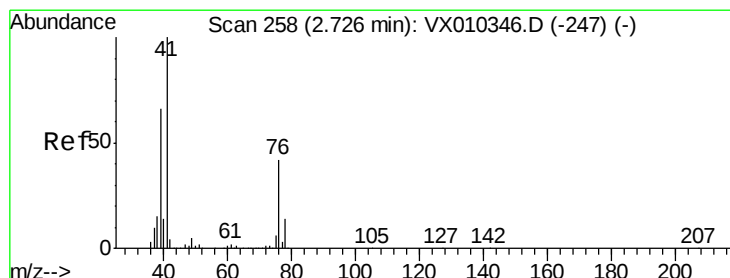
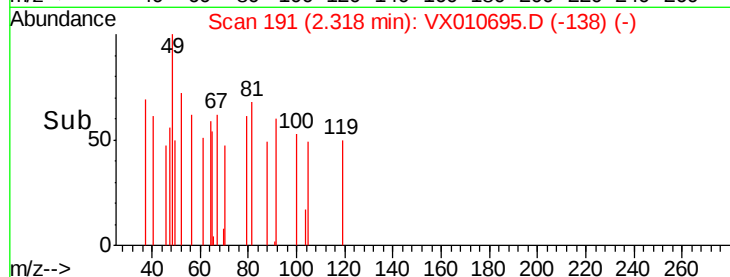
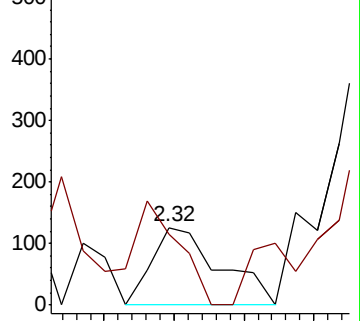
56 100

55 91.2 56.9 85.3#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 51.258 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.12 min

Lab File: VX010695.D

Acq: 08 Jul 2019 15:02

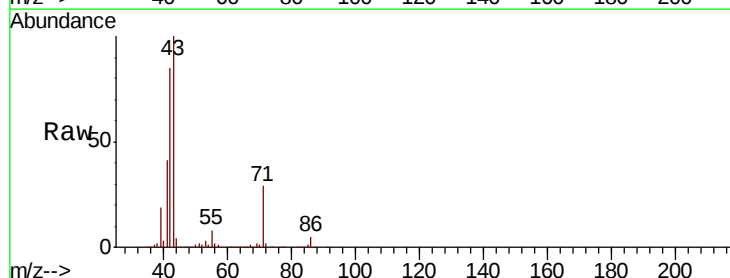
Tgt Ion: 41 Resp: 145333

Ion Ratio Lower Upper

41 100

39 46.6 50.3 75.5#

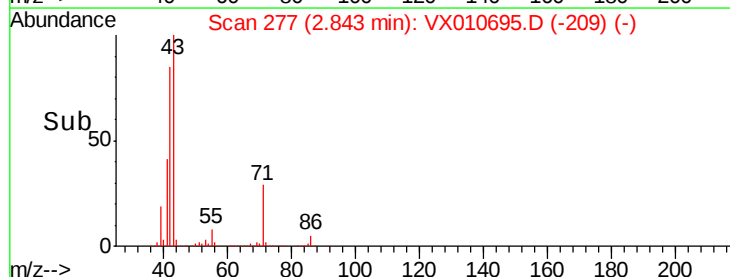
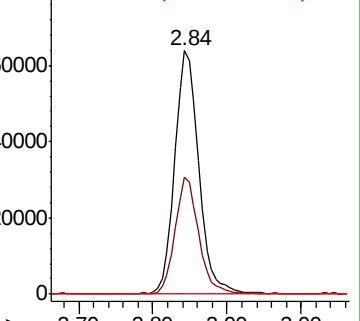
76 0.0 31.3 46.9#

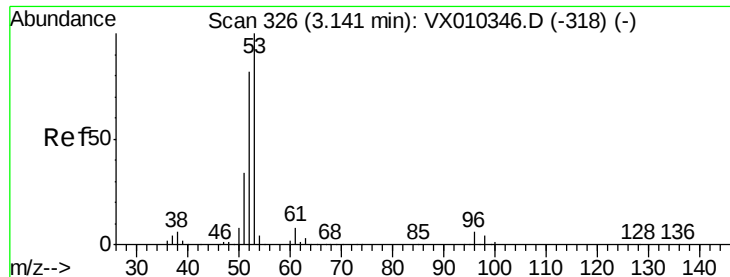


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 1.541 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.03 min

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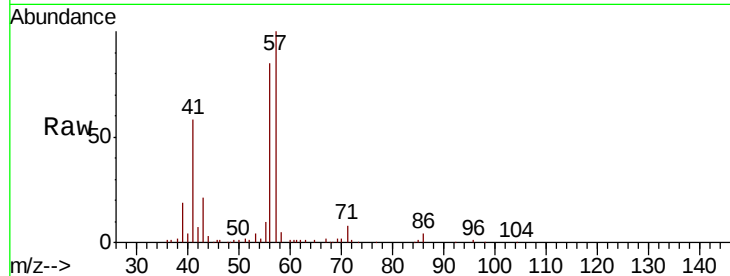
Tot Ion: 53 Resp: 1725

Ion Ratio Lower Upper

53 100

52 33.9 65.5 98.3#

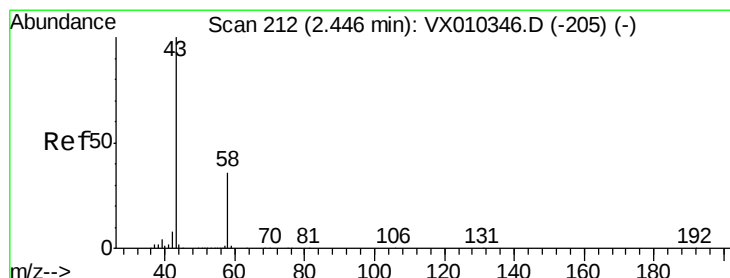
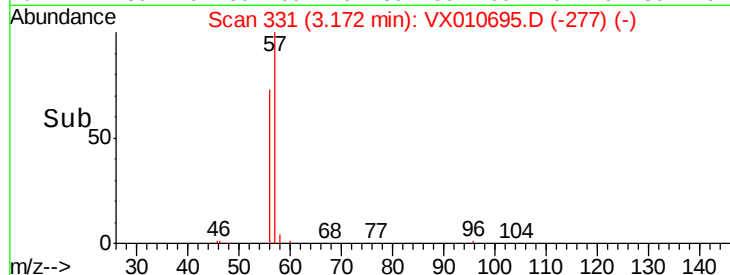
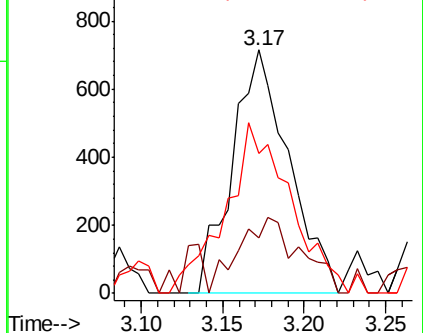
51 81.3 28.2 42.4#



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: 2.913 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010695.D

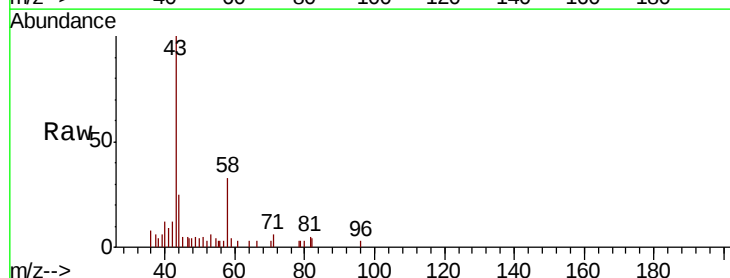
Acq: 08 Jul 2019 15:02

Tgt Ion: 43 Resp: 3154

Ion Ratio Lower Upper

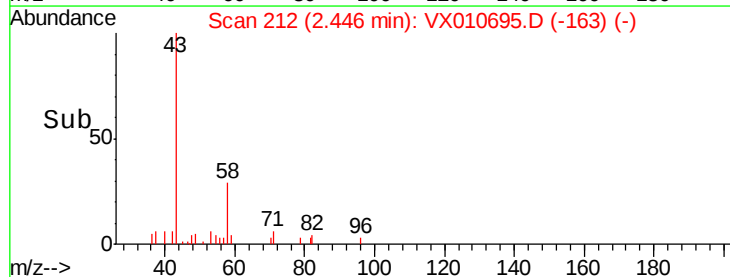
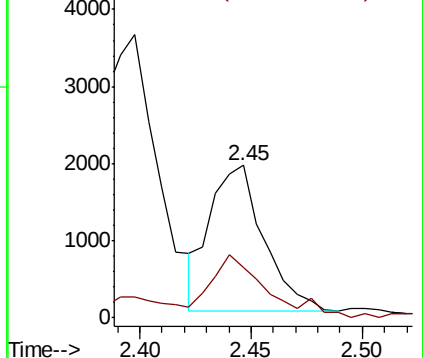
43 100

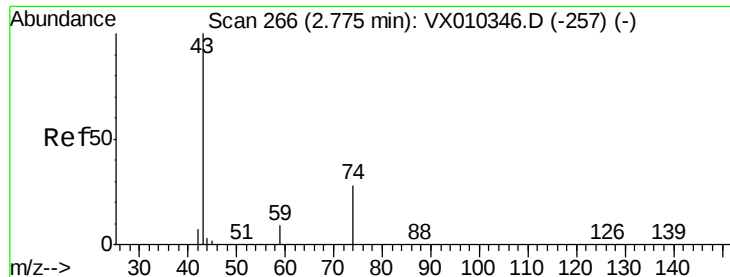
58 31.3 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

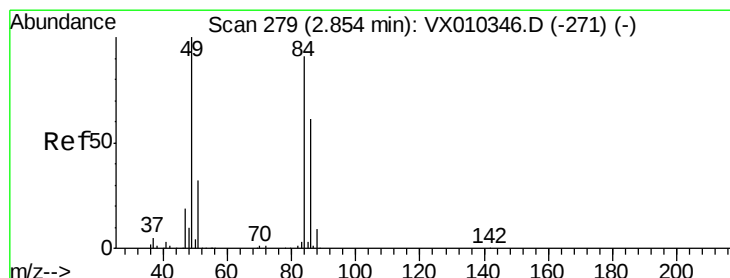
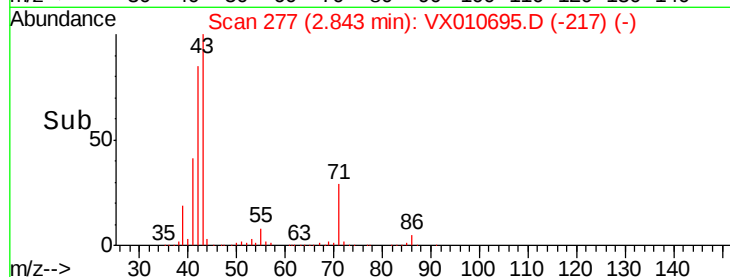
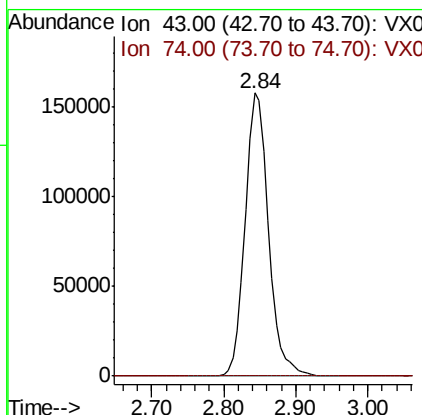
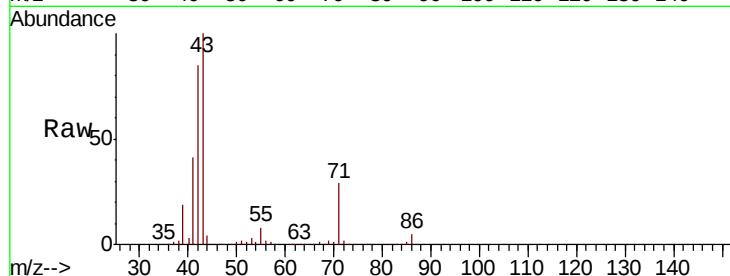




#18
Methyl Acetate
Concen: 164.365 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.07 min
Lab File: VX010695.D
Acq: 08 Jul 2019 15:02

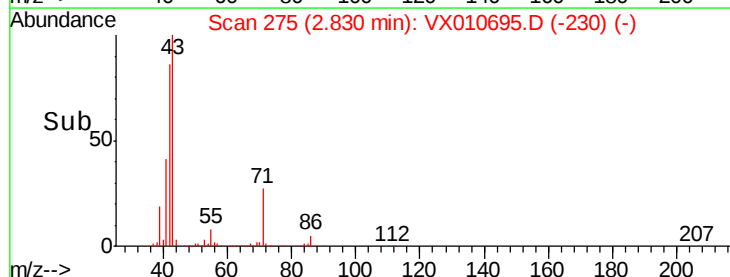
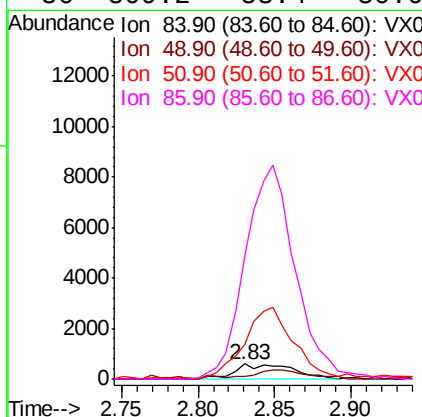
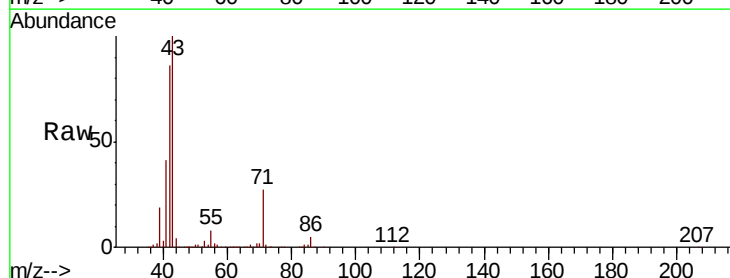
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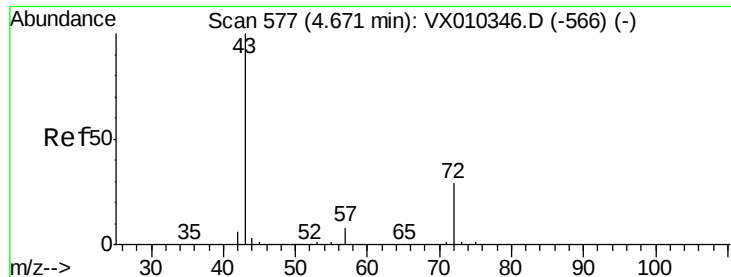
Tot Ion: 43 Resp: 354670
Ion Ratio Lower Upper
43 100
74 0.0 21.3 31.9#



#20
Methylene Chloride
Concen: 0.696 ug/l
RT: 2.83 min Scan# 275
Delta R.T. -0.02 min
Lab File: VX010695.D
Acq: 08 Jul 2019 15:02

Tgt Ion: 84 Resp: 1551
Ion Ratio Lower Upper
84 100
49 17.4 87.5 131.3#
51 217.5 27.7 41.5#
86 809.2 53.4 80.0#





#25

2-Butanone

Concen: 7.207 ug/l

RT: 4.56 min Scan# 559

Delta R.T. -0.11 min

Lab File: VX010695.D

Acq: 08 Jul 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

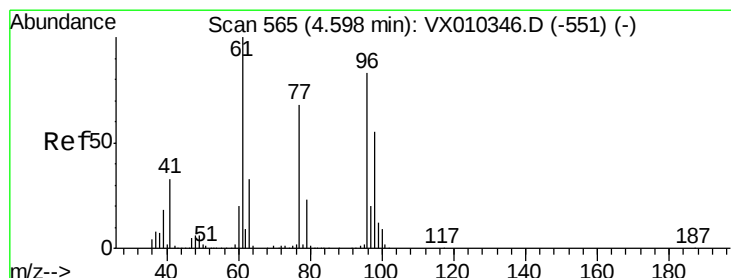
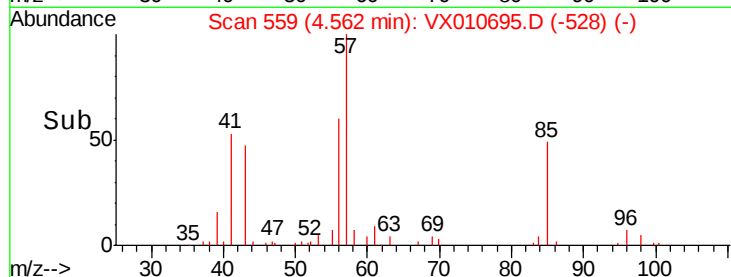
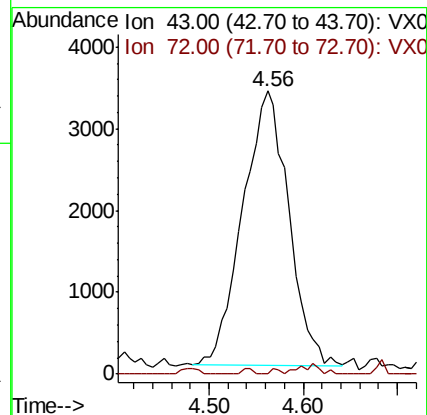
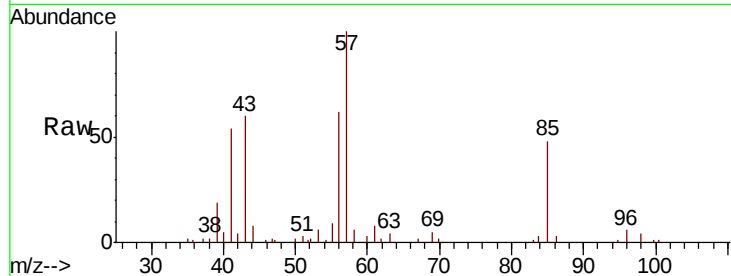
ST008MW038-190701

Tot Ion: 43 Resp: 11446

Ion Ratio Lower Upper

43 100

72 0.0 23.3 34.9#



#27

cis-1,2-Dichloroethene

Concen: 3.755 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX010695.D

Acq: 08 Jul 2019 15:02

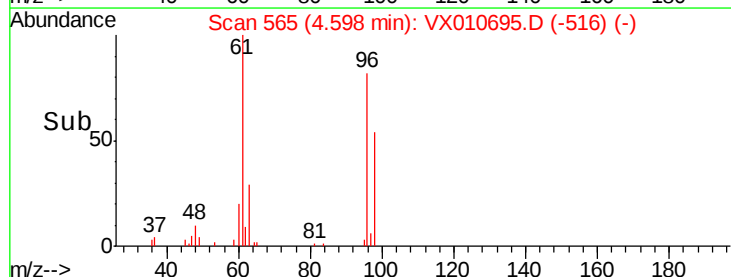
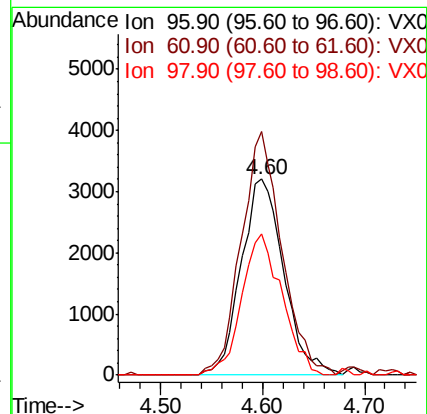
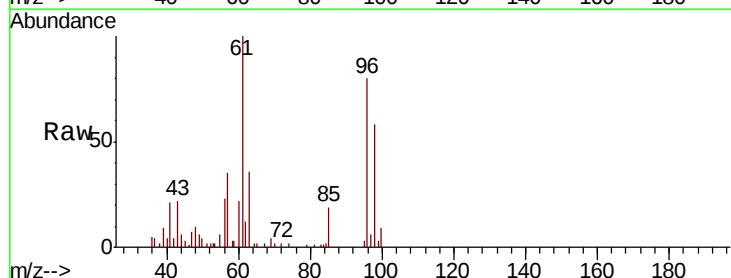
Tgt Ion: 96 Resp: 9319

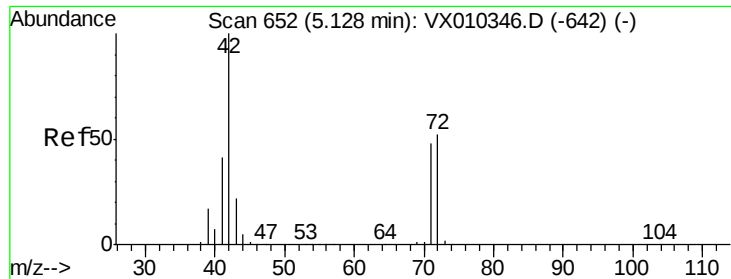
Ion Ratio Lower Upper

96 100

61 118.0 0.0 251.8

98 67.9 0.0 129.4

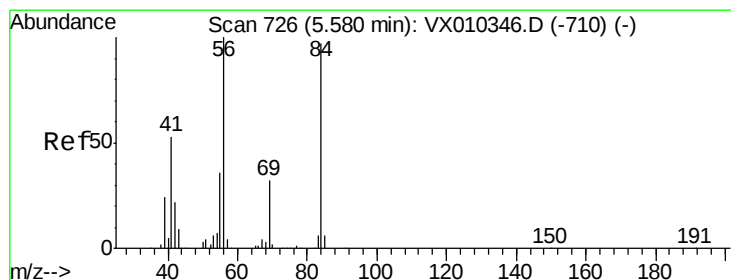
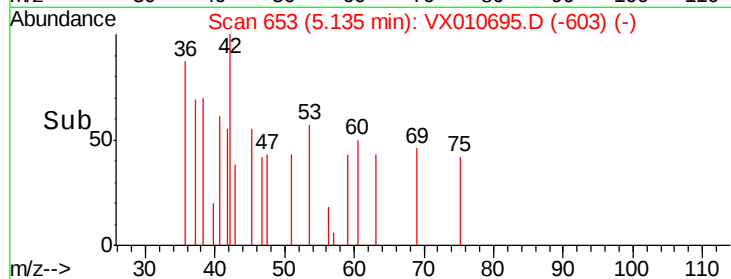
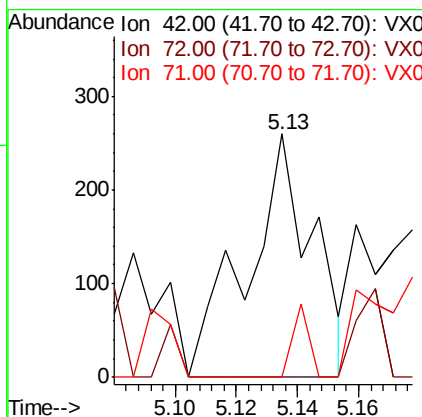
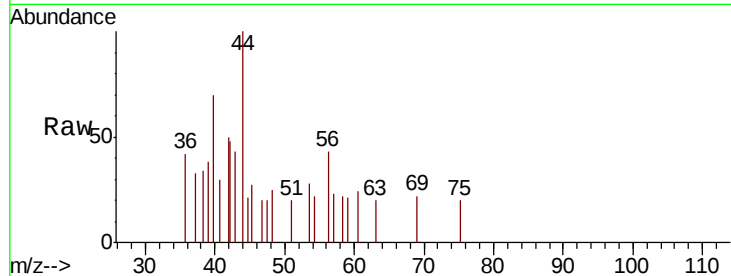




#29
Tetrahydrofuran
Concen: 0.392 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX010695.D
Acq: 08 Jul 2019 15:02

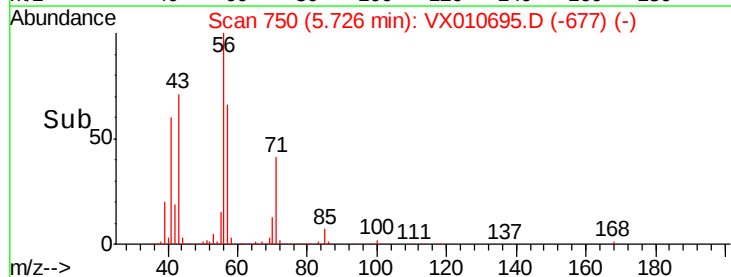
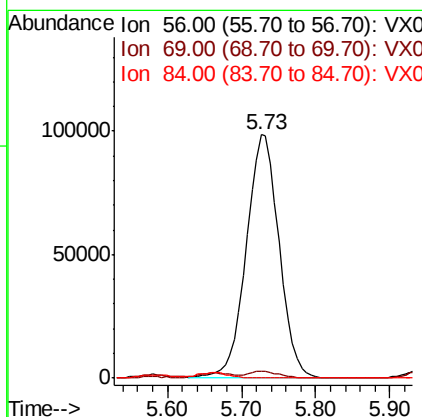
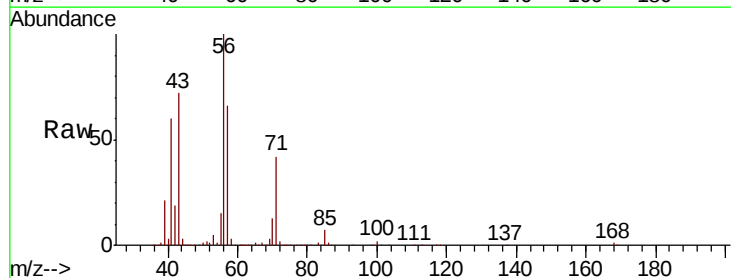
Instrument :
MSVOA_X
ClientSampleId :
ST008MW038-190701

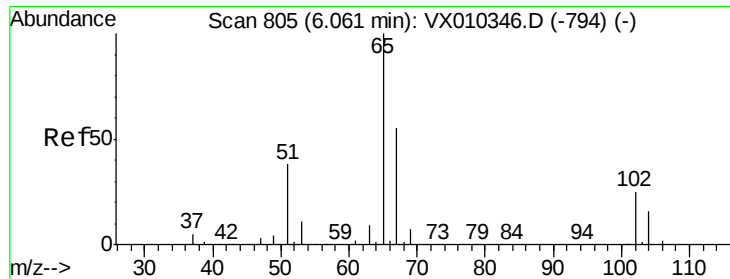
Tot Ion: 42 Resp: 386
Ion Ratio Lower Upper
42 100
72 0.0 40.6 60.8#
71 0.0 37.8 56.8#



#31
Cyclohexane
Concen: 97.260 ug/l
RT: 5.73 min Scan# 750
Delta R.T. 0.15 min
Lab File: VX010695.D
Acq: 08 Jul 2019 15:02

Tgt Ion: 56 Resp: 303490
Ion Ratio Lower Upper
56 100
69 2.7 25.9 38.9#
84 0.3 78.0 117.0#





#33

1,2-Dichloroethane-d4

Concen: 54.195 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010695.D

Acq: 08 Jul 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

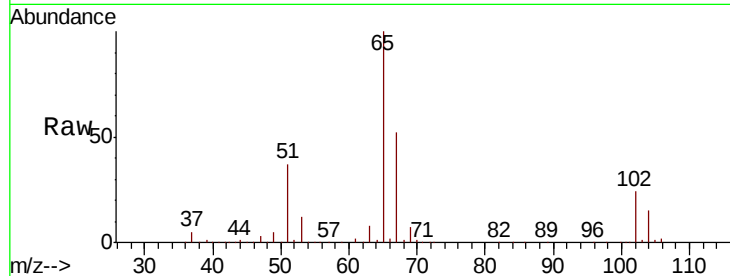
ST008MW038-190701

Tot Ion: 65 Resp: 117076

Ion Ratio Lower Upper

65 100

67 53.6 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

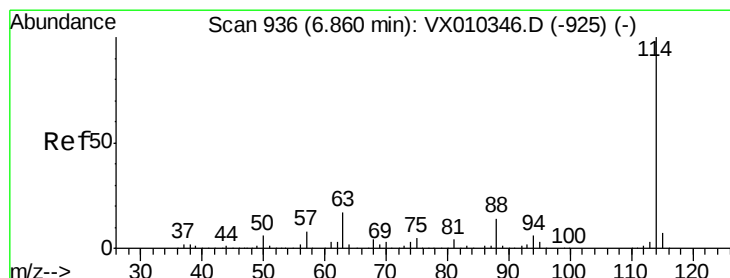
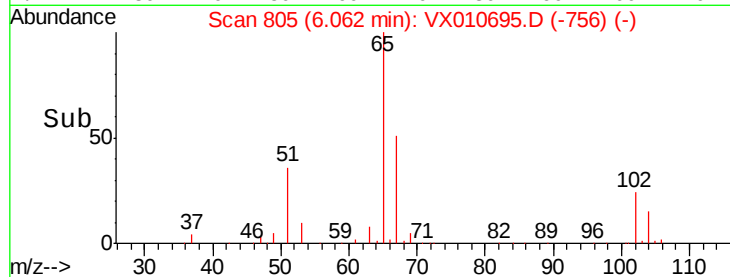
20000

10000

0

6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010695.D

Acq: 08 Jul 2019 15:02

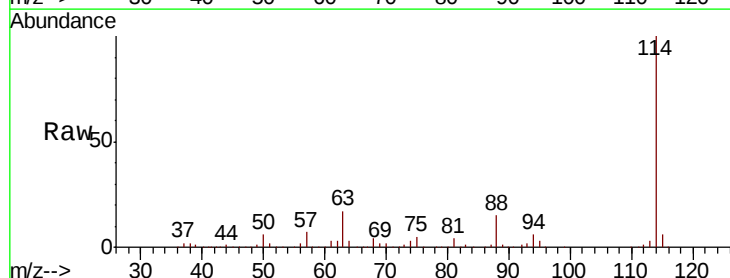
Tgt Ion: 114 Resp: 358553

Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.8

88 14.9 0.0 27.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

200000

150000

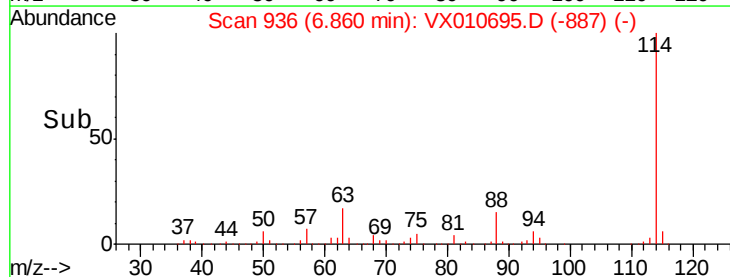
100000

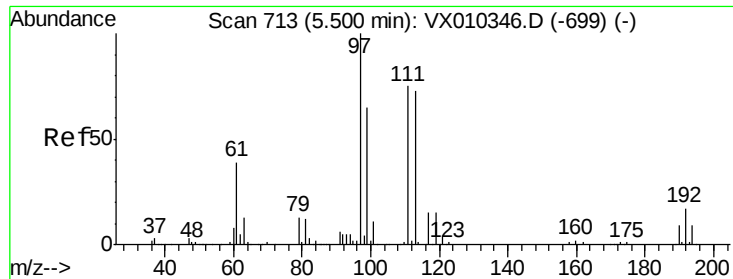
50000

0

6.70 6.80 6.90 7.00

Time-->





#35

Dibromofluoromethane

Concen: 49.560 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010695.D

Acq: 08 Jul 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

ST008MW038-190701

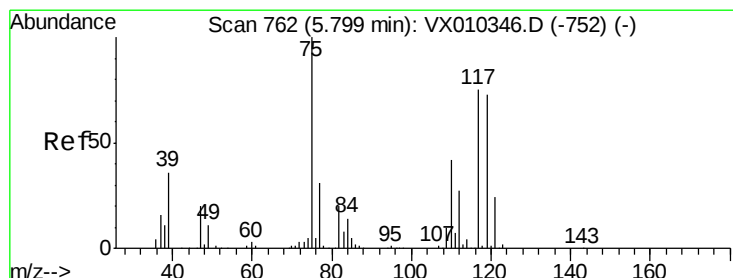
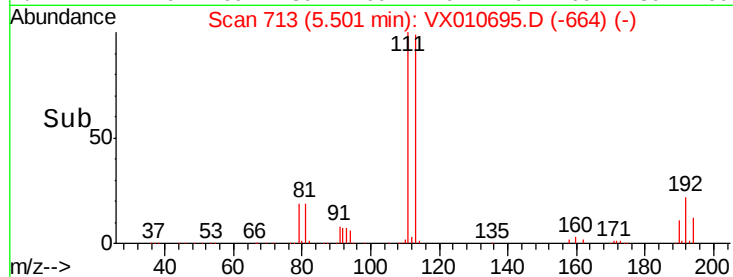
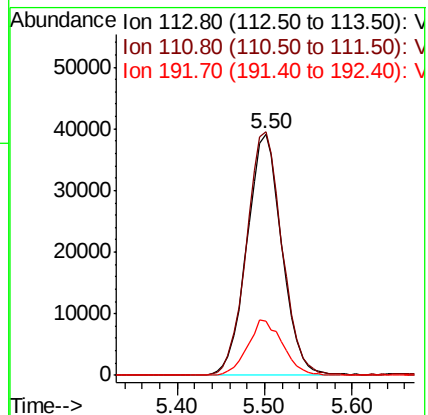
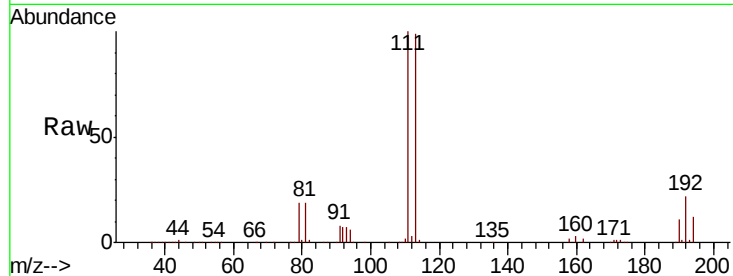
Tot Ion:113 Resp: 108723

Ion Ratio Lower Upper

113 100

111 102.8 81.2 121.8

192 22.8 18.6 27.8



#36

1,1-Dichloropropene

Concen: 5.140 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX010695.D

Acq: 08 Jul 2019 15:02

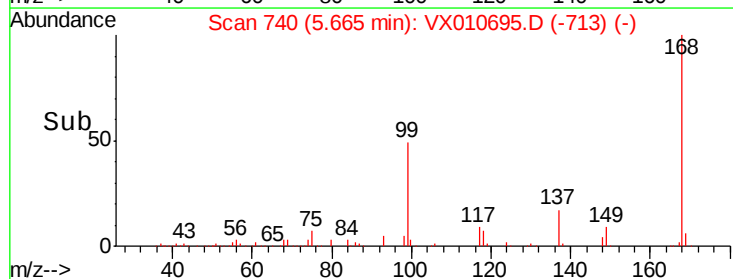
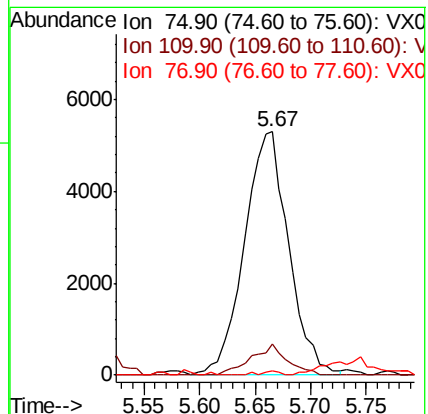
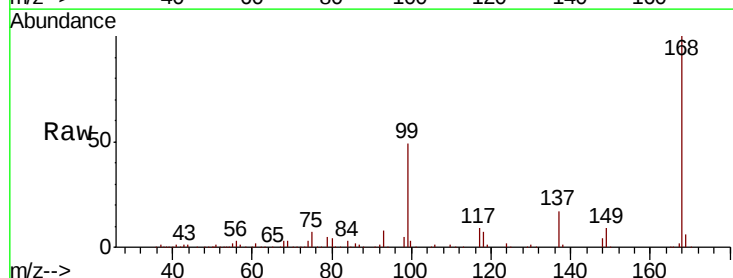
Tgt Ion: 75 Resp: 14645

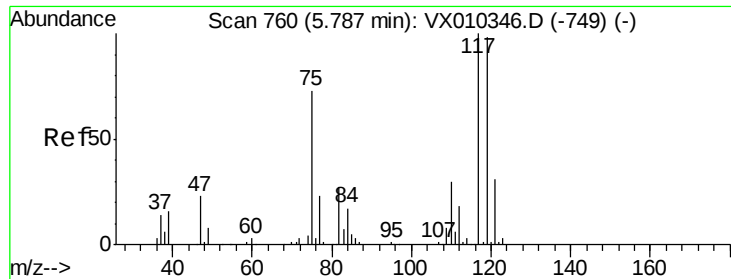
Ion Ratio Lower Upper

75 100

110 10.4 20.8 62.2#

77 0.6 25.4 38.0#





#38

Carbon Tetrachloride

Concen: 6.753 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX010695.D

Acq: 08 Jul 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

ST008MW038-190701

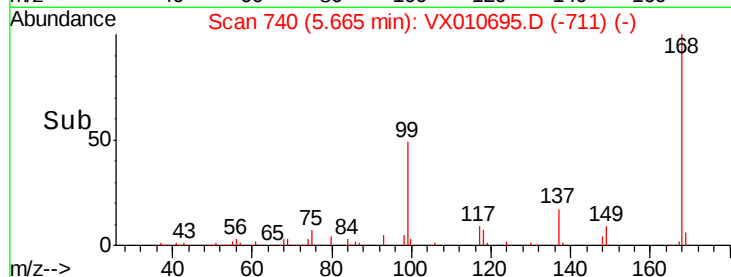
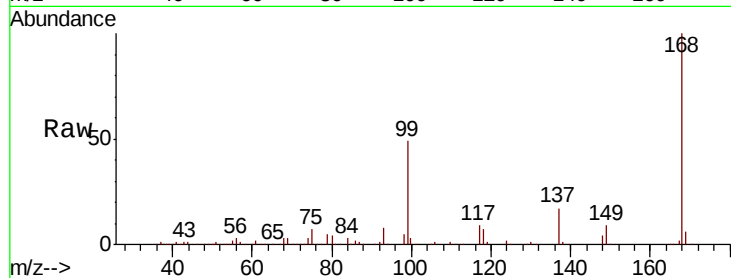
Tot Ion:117 Resp: 20837

Ion Ratio Lower Upper

117 100

119 5.9 78.2 117.4#

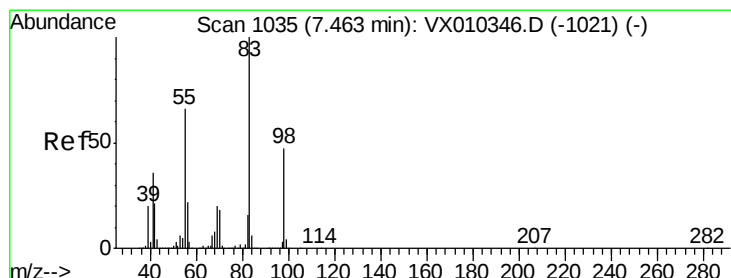
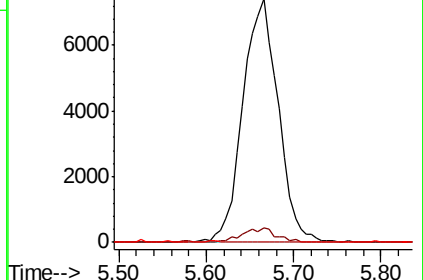
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 3.585 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX010695.D

Acq: 08 Jul 2019 15:02

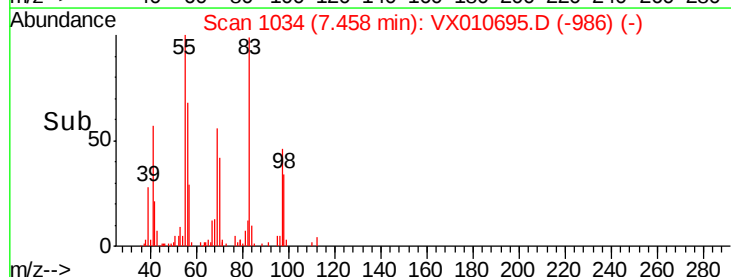
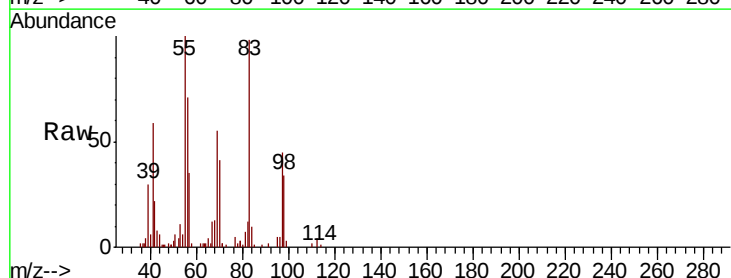
Tgt Ion: 83 Resp: 13425

Ion Ratio Lower Upper

83 100

55 101.2 53.0 79.6#

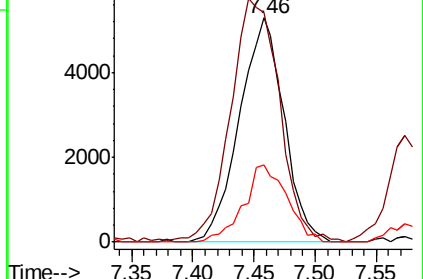
98 34.4 37.8 56.8#

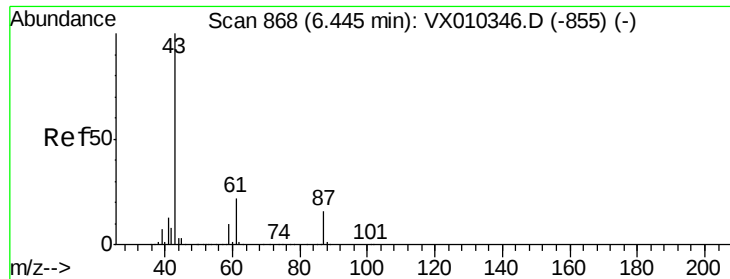


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



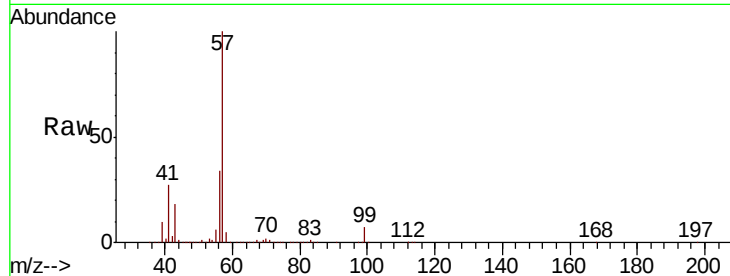


#43

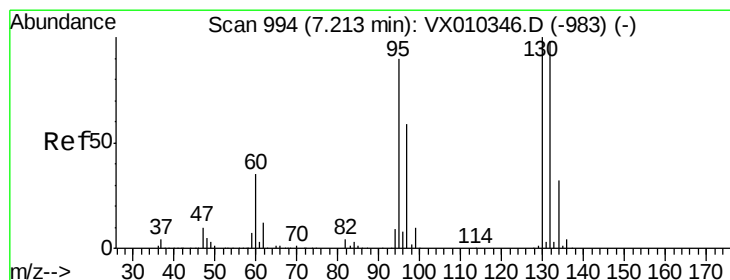
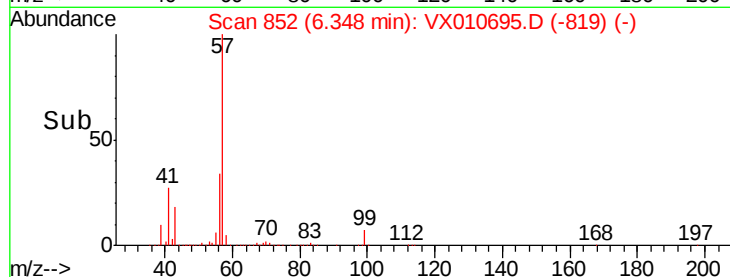
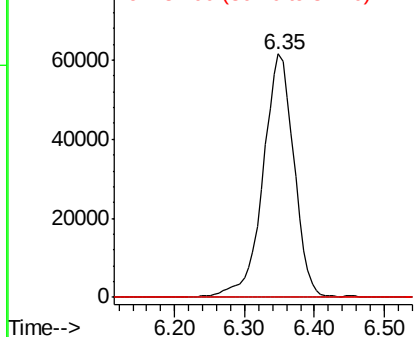
Isopropyl Acetate
 Concen: 38.760 ug/l
 RT: 6.35 min Scan# 852
 Delta R.T. -0.10 min
 Lab File: VX010695.D
 Acq: 08 Jul 2019 15:02

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW038-190701

Tot Ion: 43 Resp: 187973
 Ion Ratio Lower Upper
 43 100
 61 0.1 17.8 26.6#
 87 0.0 13.0 19.4#



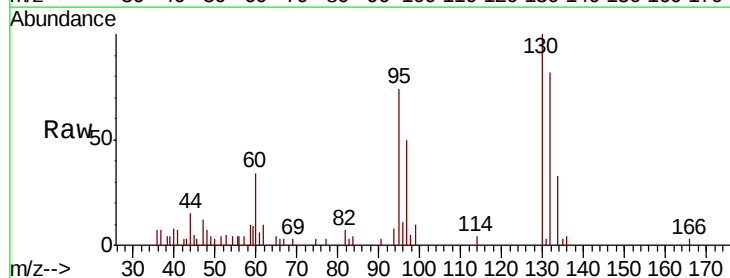
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



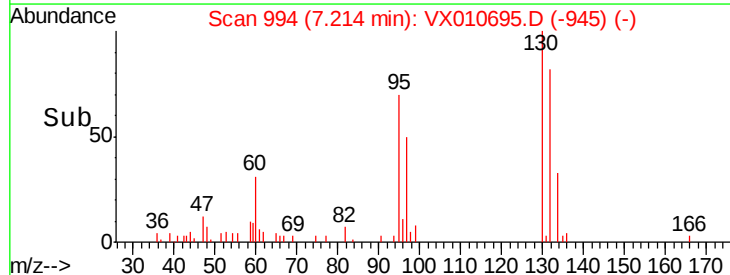
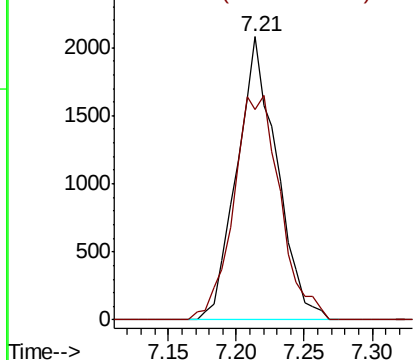
#44

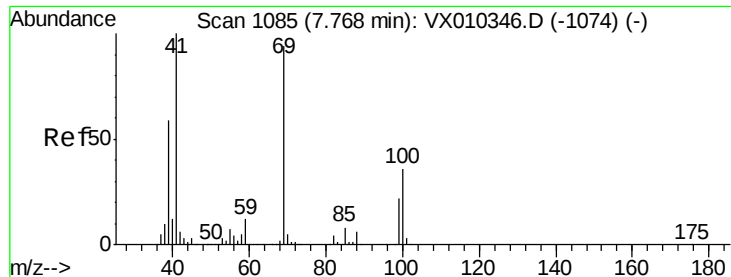
Trichloroethene
 Concen: 1.596 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010695.D
 Acq: 08 Jul 2019 15:02

Tgt Ion:130 Resp: 4239
 Ion Ratio Lower Upper
 130 100
 95 74.3 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

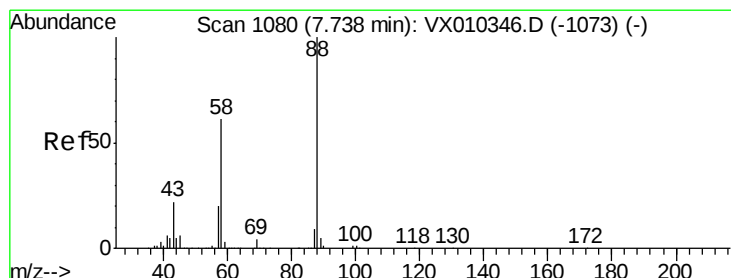
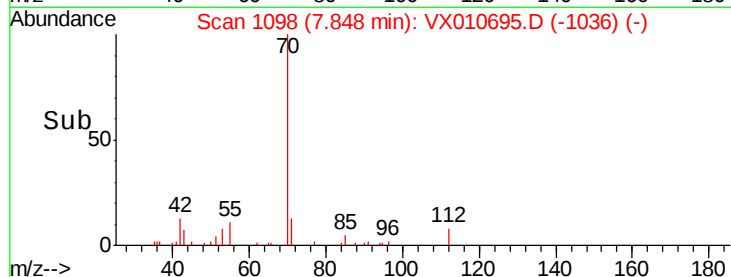
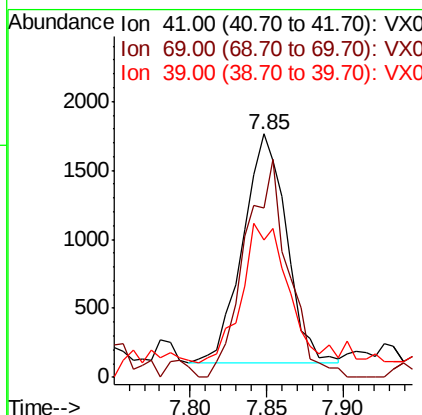
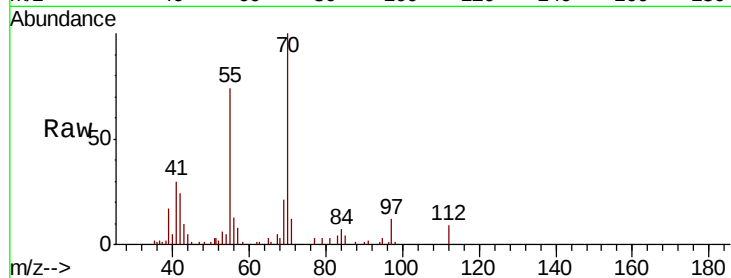




#48
Methvl methacrylate
Concen: 1.460 ug/l
RT: 7.85 min Scan# 1098
Delta R.T. 0.08 min
Lab File: VX010695.D
Acq: 08 Jul 2019 15:02

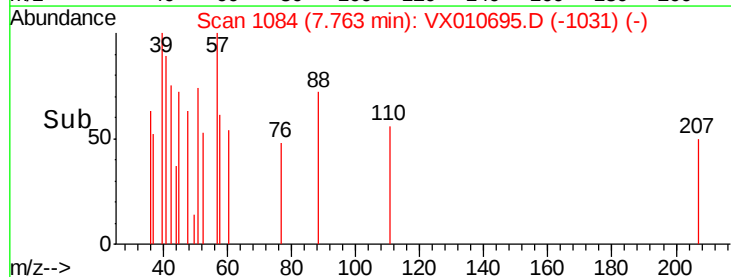
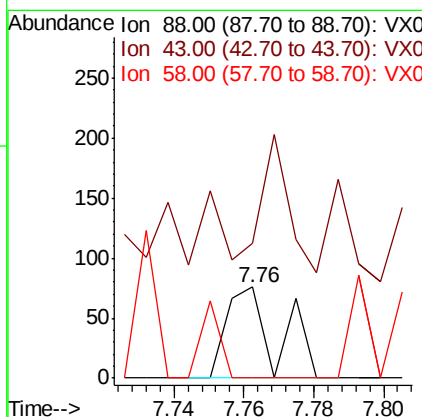
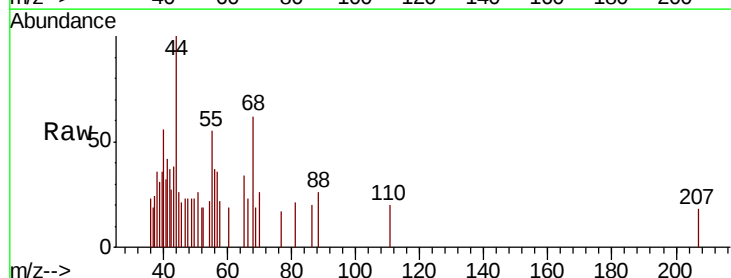
Instrument :
MSVOA_X
ClientSampleId :
ST008MW038-190701

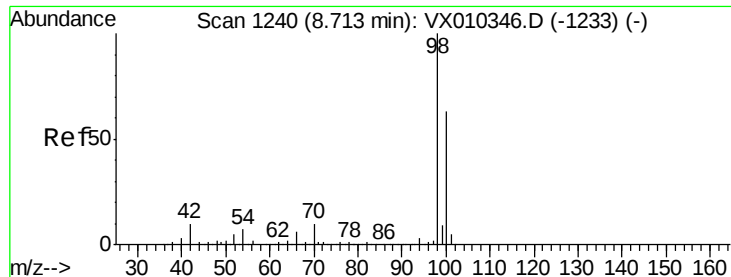
Tot Ion: 41 Resp: 3291
Ion Ratio Lower Upper
41 100
69 94.4 76.1 114.1
39 63.1 47.6 71.4



#49
1,4-Dioxane
Concen: 1.186 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.02 min
Lab File: VX010695.D
Acq: 08 Jul 2019 15:02

Tgt Ion: 88 Resp: 77
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.2#
58 0.0 49.5 74.3#

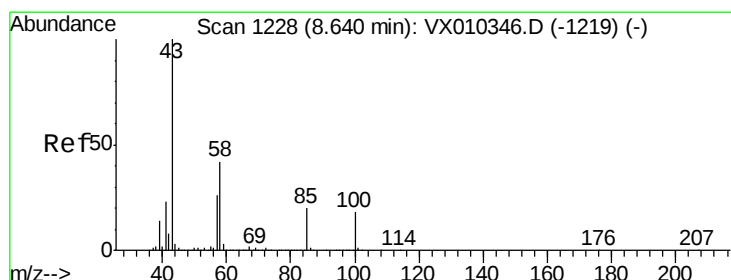
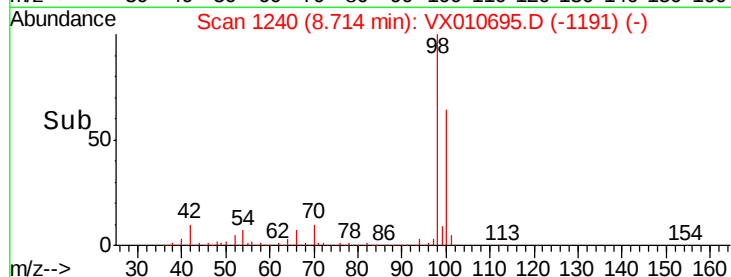
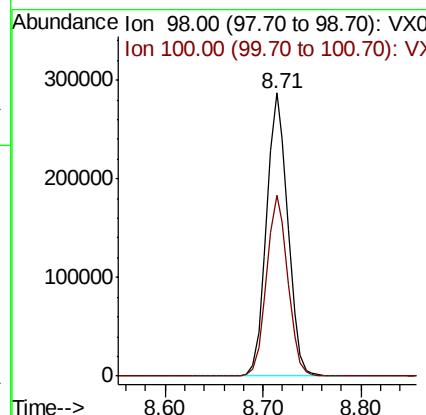
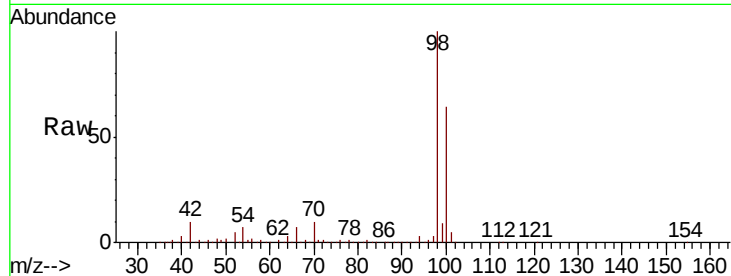




#50
Toluene-d8
Concen: 51.524 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010695.D
Acq: 08 Jul 2019 15:02

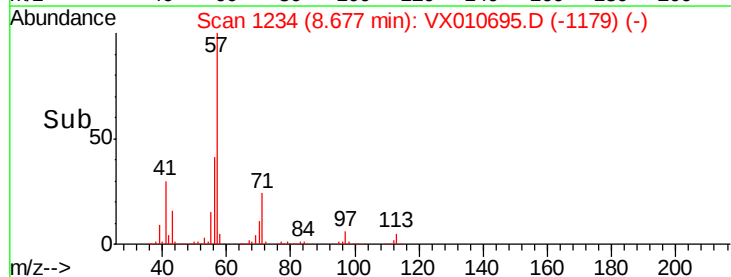
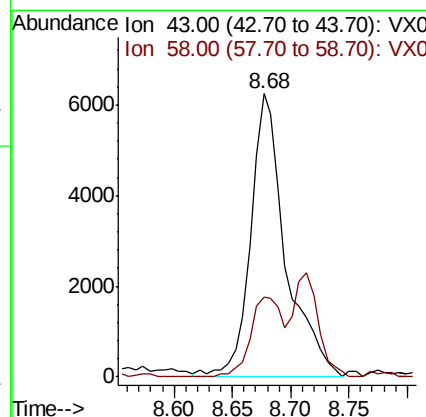
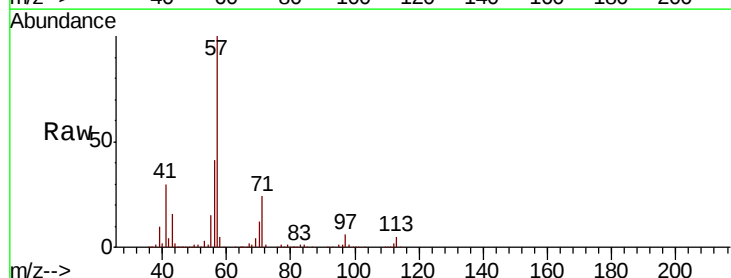
Instrument :
MSVOA_X
ClientSampleId :
ST008MW038-190701

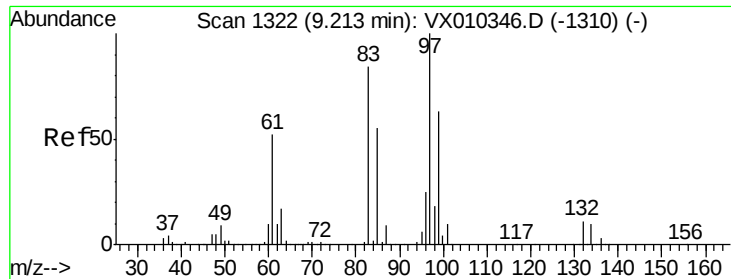
Tot Ion: 98 Resp: 432432
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 4.217 ug/l
RT: 8.68 min Scan# 1234
Delta R.T. 0.04 min
Lab File: VX010695.D
Acq: 08 Jul 2019 15:02

Tgt Ion: 43 Resp: 13080
Ion Ratio Lower Upper
43 100
58 25.8 33.5 50.3#

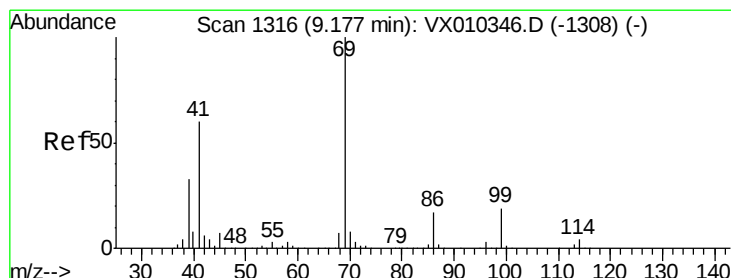
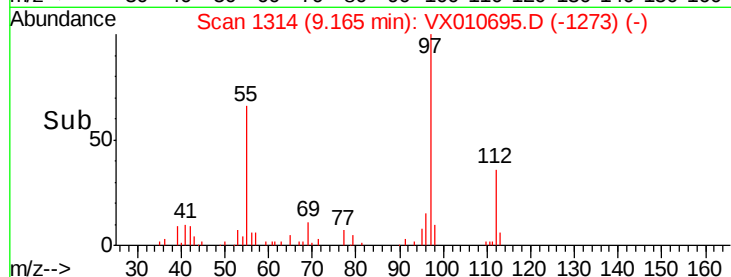
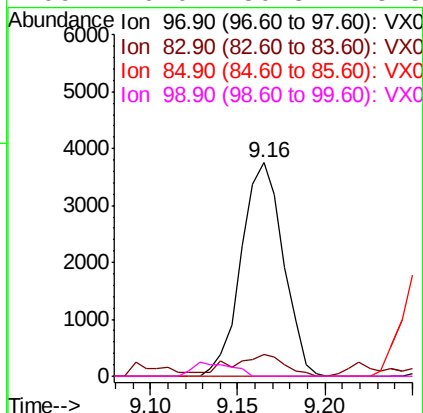
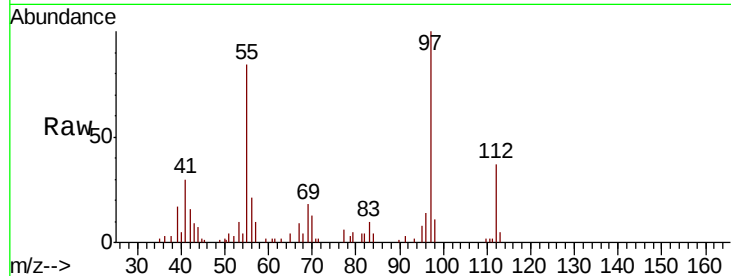




#55
 1,1,2-Trichloroethane
 Concen: 2.603 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX010695.D
 Acq: 08 Jul 2019 15:02

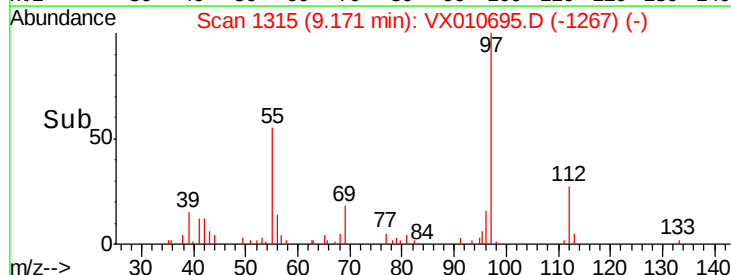
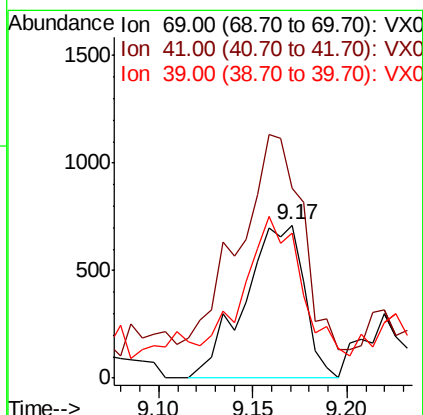
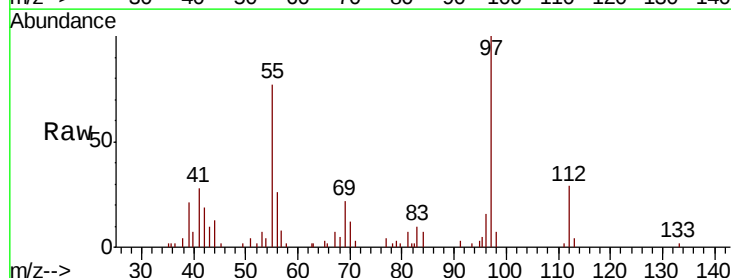
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW038-190701

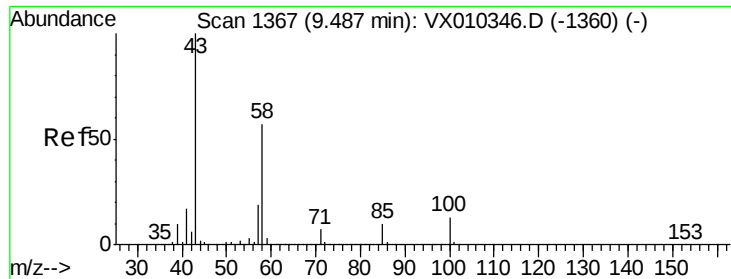
Tot Ion: 97 Resp: 6275
 Ion Ratio Lower Upper
 97 100
 83 8.9 67.4 101.0#
 85 0.0 43.8 65.8#
 99 0.0 50.3 75.5#



#56
 Ethyl methacrylate
 Concen: 0.427 ug/l
 RT: 9.17 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VX010695.D
 Acq: 08 Jul 2019 15:02

Tgt Ion: 69 Resp: 1558
 Ion Ratio Lower Upper
 69 100
 41 147.2 47.1 70.7#
 39 85.5 26.6 40.0#

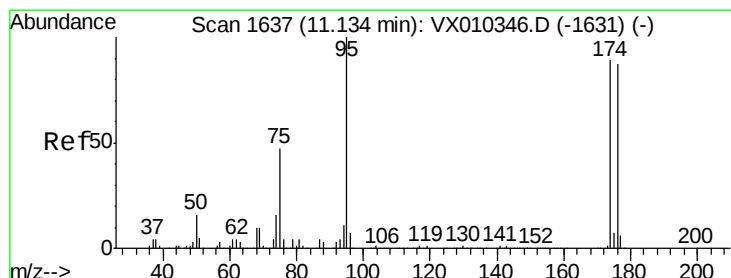
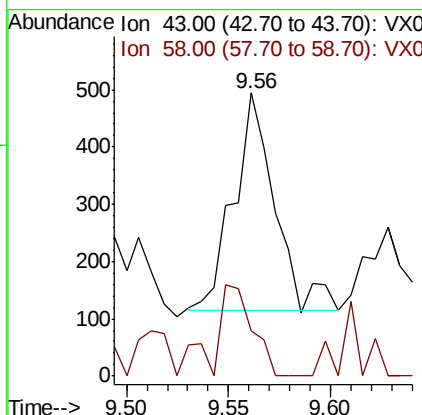
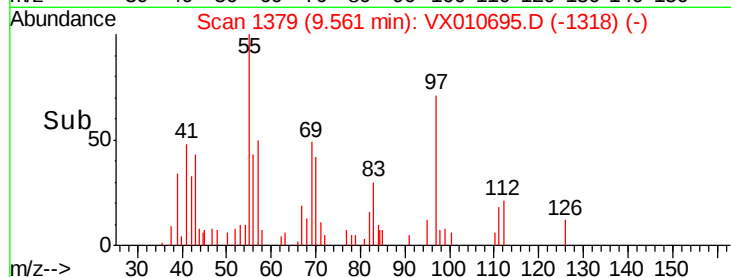
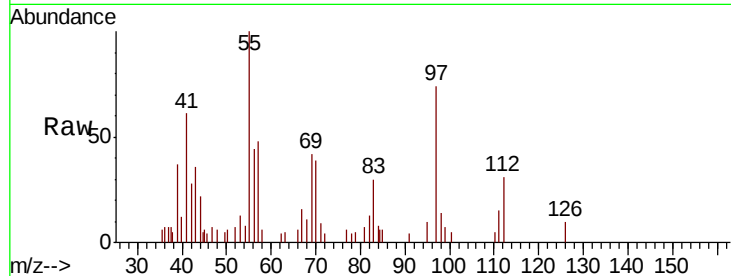




#59
2-Hexanone
Concen: 0.219 ug/l
RT: 9.56 min Scan# 1379
Delta R.T. 0.07 min
Lab File: VX010695.D
Acq: 08 Jul 2019 15:02

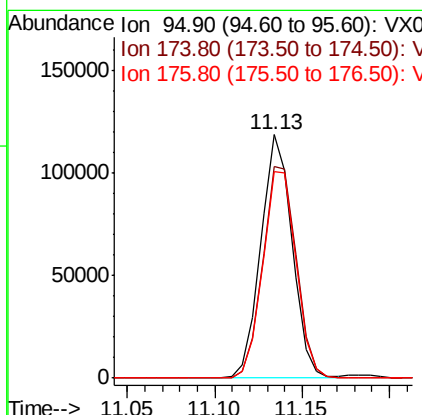
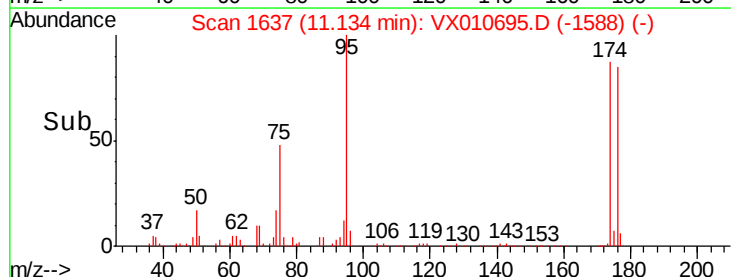
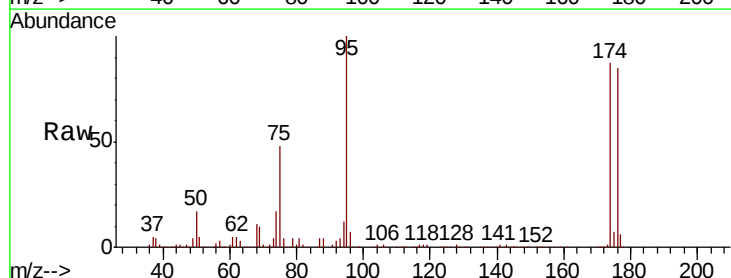
Instrument :
MSVOA_X
ClientSampleId :
ST008MW038-190701

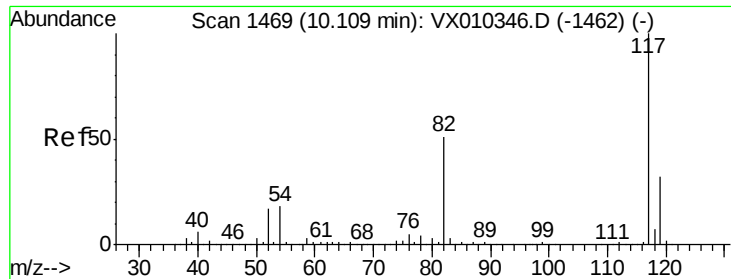
Tot Ion: 43 Resp: 535
Ion Ratio Lower Upper
43 100
58 38.5 29.0 87.1



#62
4-Bromofluorobenzene
Concen: 48.900 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010695.D
Acq: 08 Jul 2019 15:02

Tgt Ion: 95 Resp: 148171
Ion Ratio Lower Upper
95 100
174 93.4 0.0 187.6
176 90.7 0.0 184.0

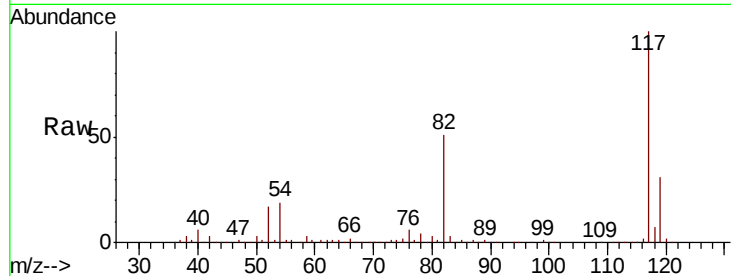




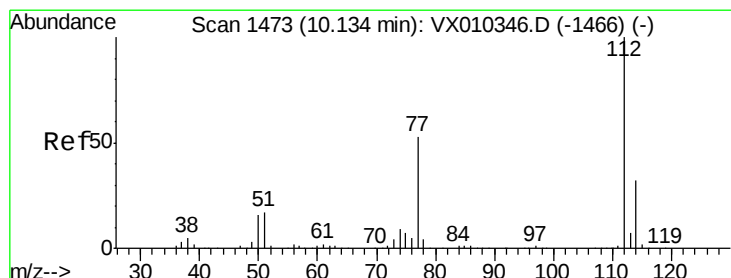
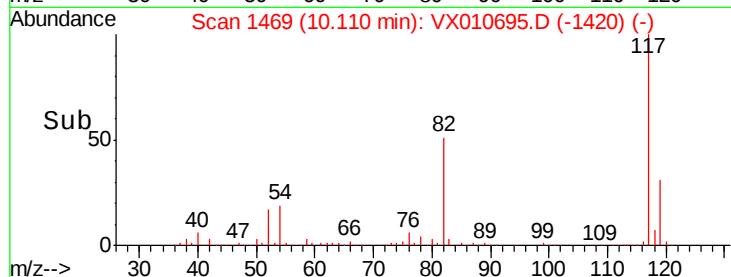
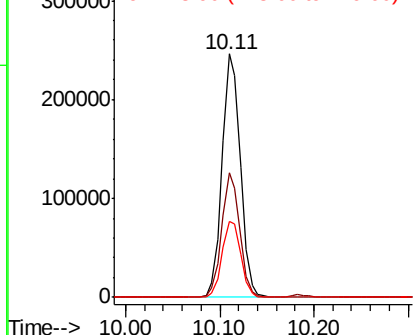
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010695.D
Acq: 08 Jul 2019 15:02

Instrument :
MSVOA_X
ClientSampleId :
ST008MW038-190701

Tot Ion:117 Resp: 330024
Ion Ratio Lower Upper
117 100
82 51.0 41.2 61.8
119 31.2 25.5 38.3

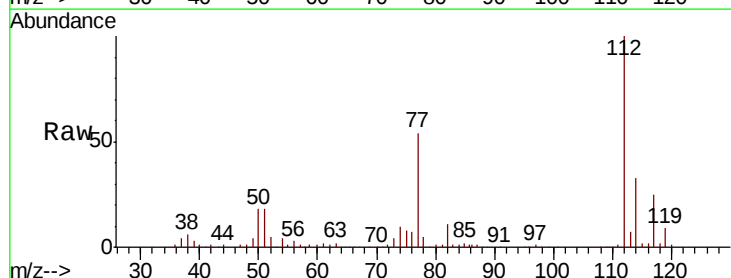


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

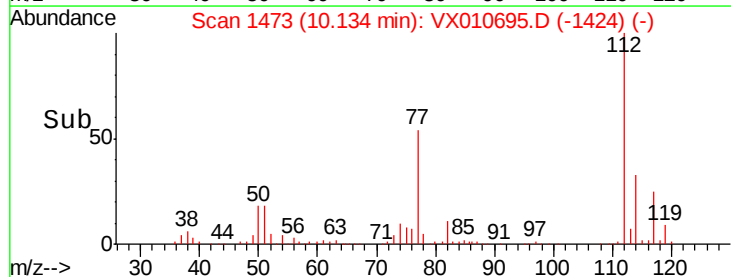
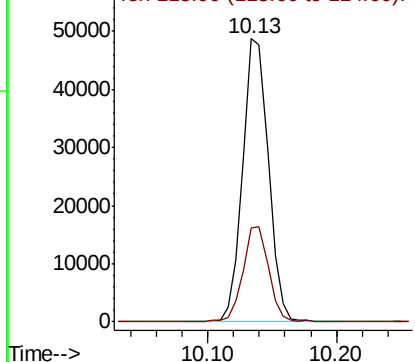


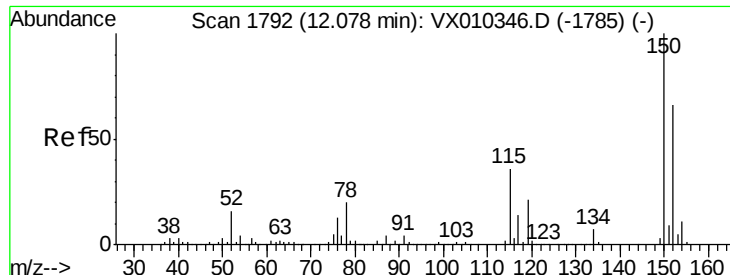
#65
Chlorobenzene
Concen: 10.058 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010695.D
Acq: 08 Jul 2019 15:02

Tgt Ion:112 Resp: 67390
Ion Ratio Lower Upper
112 100
114 33.1 25.4 38.2



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: VX010695.D

Acq: 08 Jul 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

ST008MW038-190701

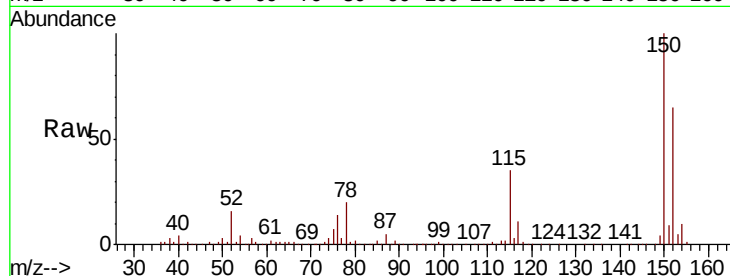
Tot Ion:152 Resp: 157650

Ion Ratio Lower Upper

152 100

115 55.8 38.6 115.7

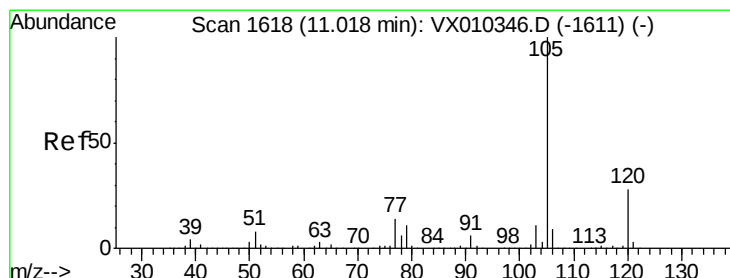
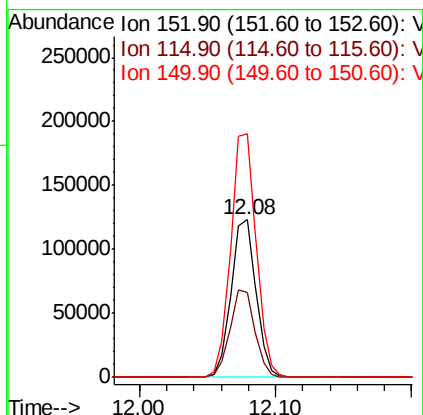
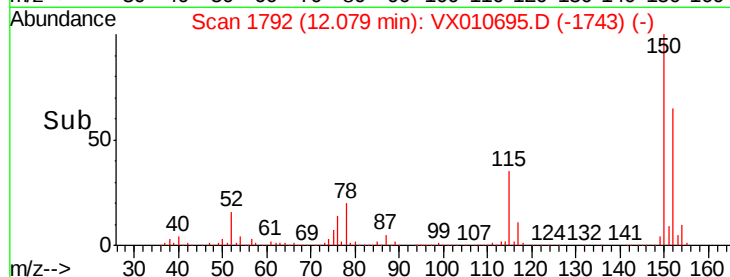
150 157.2 0.0 347.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.482 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010695.D

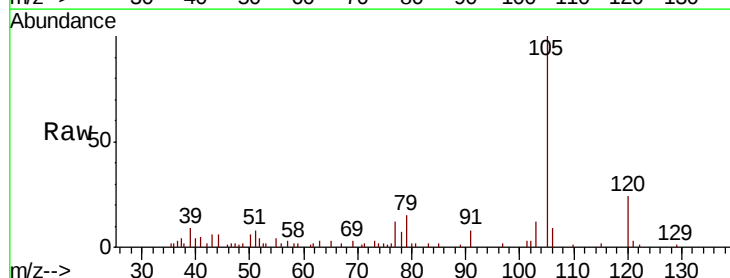
Acq: 08 Jul 2019 15:02

Tgt Ion:105 Resp: 5156

Ion Ratio Lower Upper

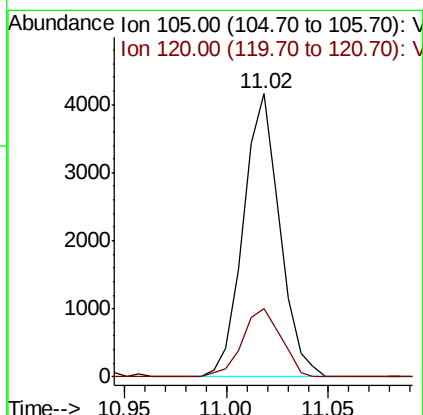
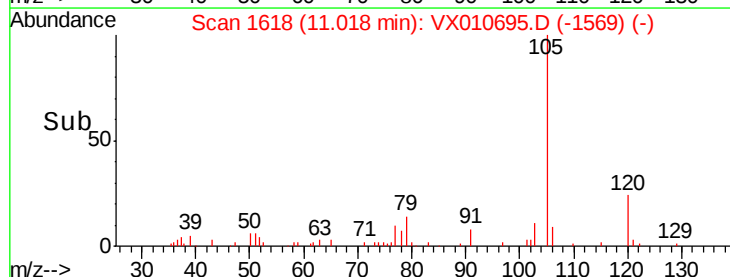
105 100

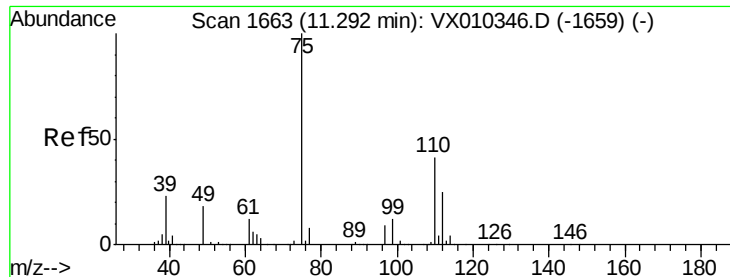
120 25.8 14.1 42.4



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: 24.906 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010695.D

Acq: 08 Jul 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

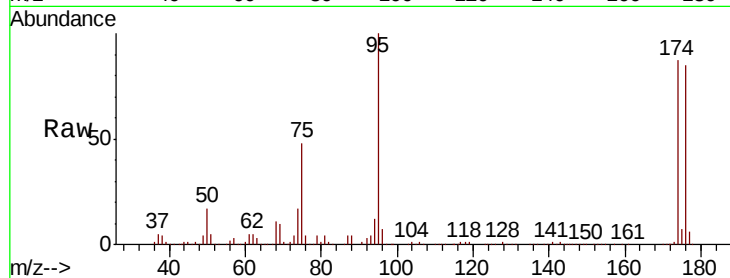
ST008MW038-190701

Tot Ion: 75 Resp: 71551

Ion Ratio Lower Upper

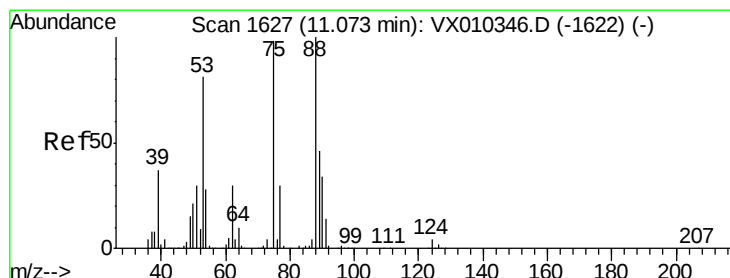
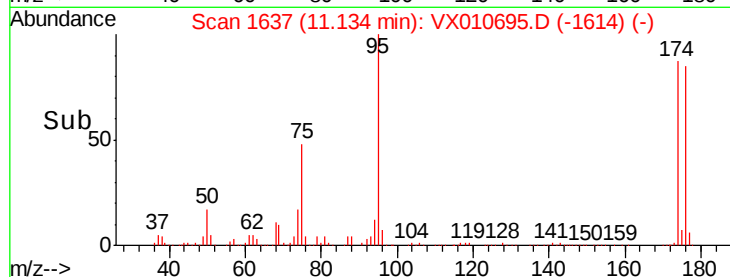
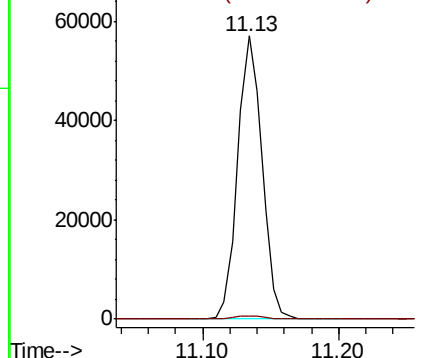
75 100

77 1.0 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 58.104 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010695.D

Acq: 08 Jul 2019 15:02

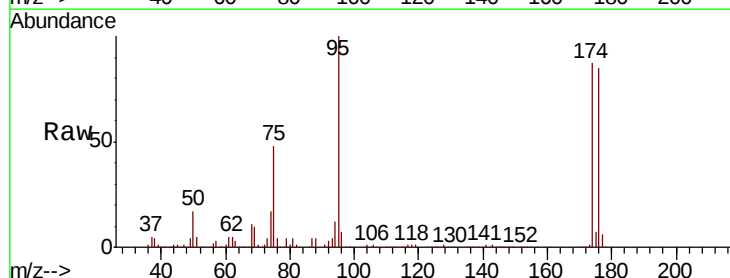
Tgt Ion: 75 Resp: 71551

Ion Ratio Lower Upper

75 100

53 0.0 66.1 99.1#

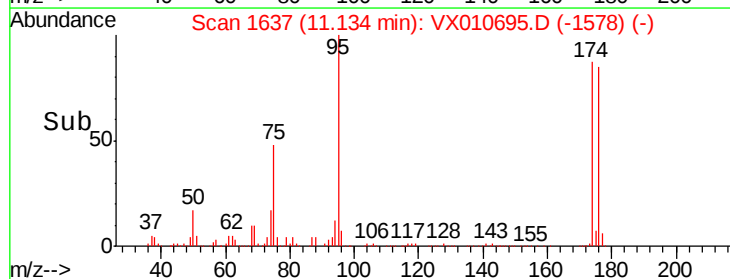
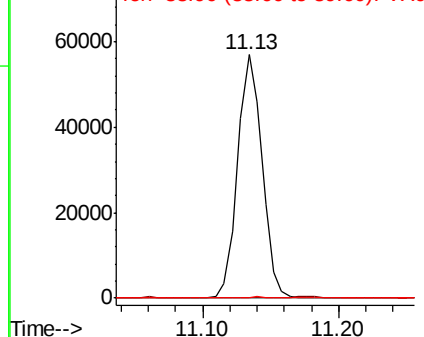
89 0.1 37.8 56.6#

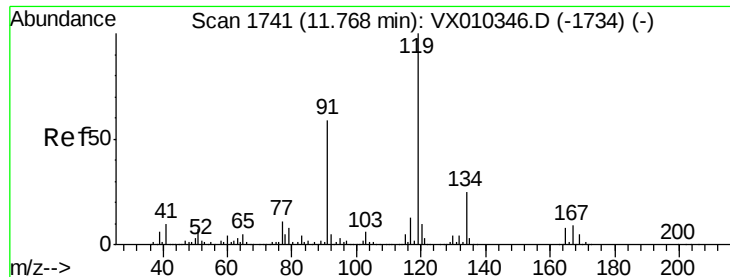


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

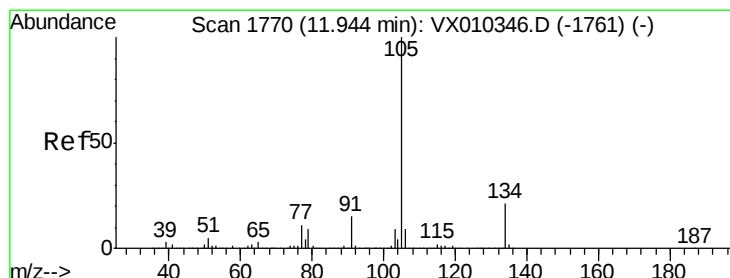
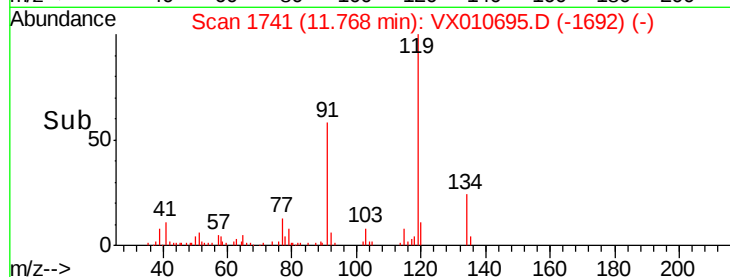
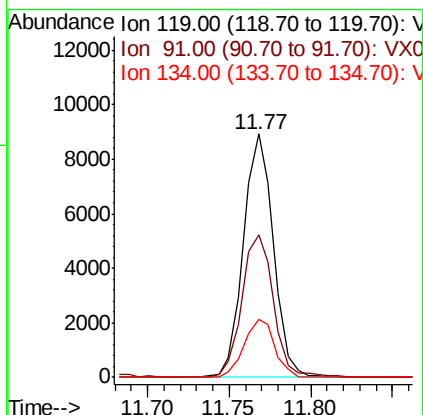
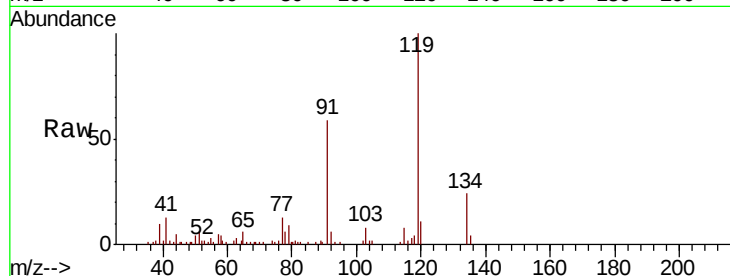




#83
tert-Butylbenzene
Concen: 1.292 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010695.D
Acq: 08 Jul 2019 15:02

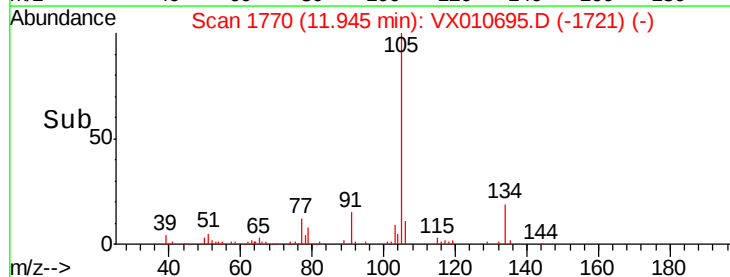
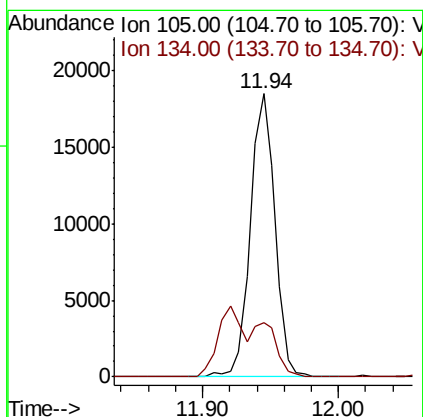
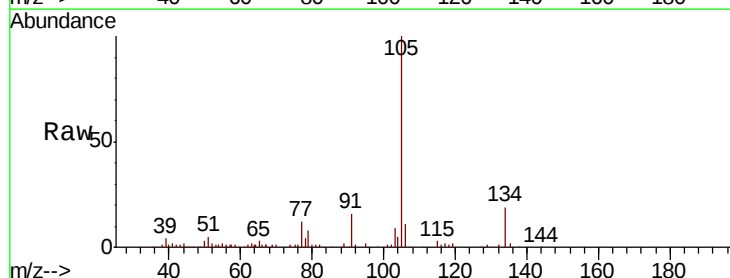
Instrument :
MSVOA_X
ClientSampleId :
ST008MW038-190701

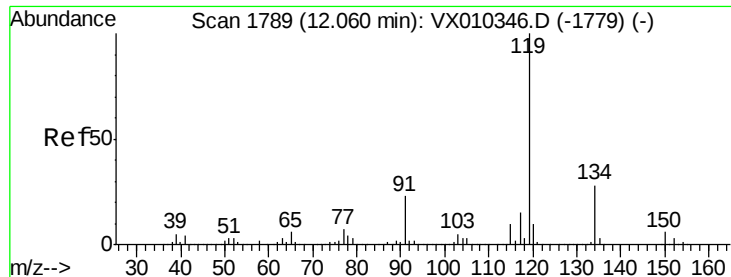
Tot Ion:119 Resp: 11428
Ion Ratio Lower Upper
119 100
91 61.9 27.6 82.7
134 24.3 11.8 35.4



#85
sec-Butylbenzene
Concen: 2.262 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX010695.D
Acq: 08 Jul 2019 15:02

Tgt Ion:105 Resp: 23487
Ion Ratio Lower Upper
105 100
134 0.0 10.7 31.9#

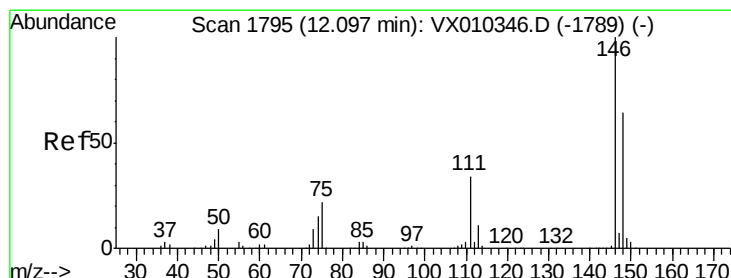
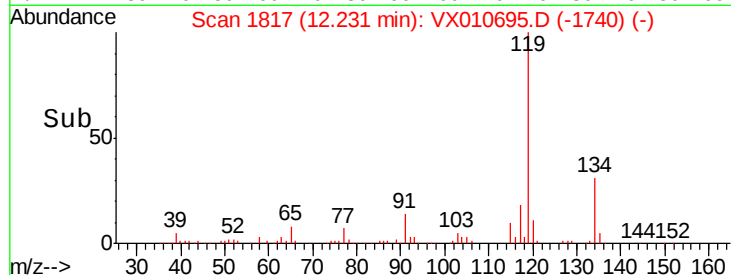
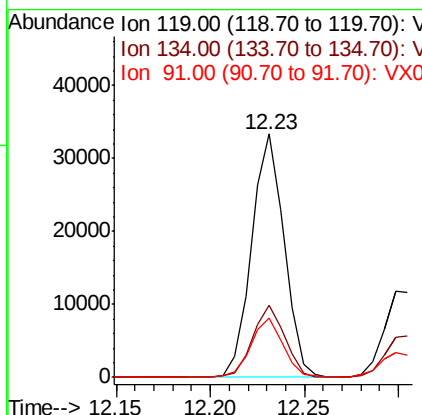
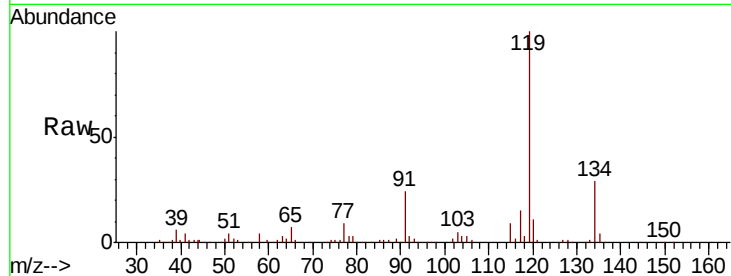




#86
p-Isopropyltoluene
Concen: 4.164 ug/l
RT: 12.23 min Scan# 1817
Delta R.T. 0.17 min
Lab File: VX010695.D
Acq: 08 Jul 2019 15:02

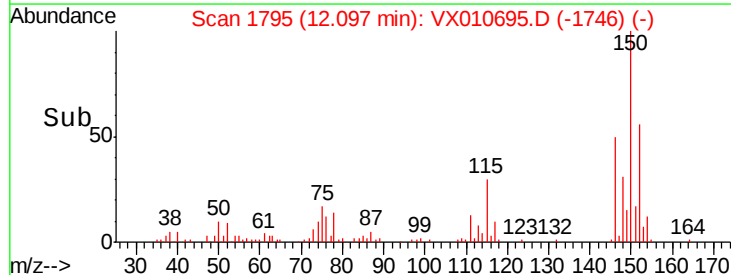
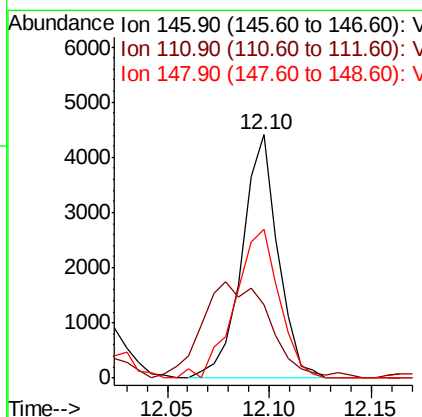
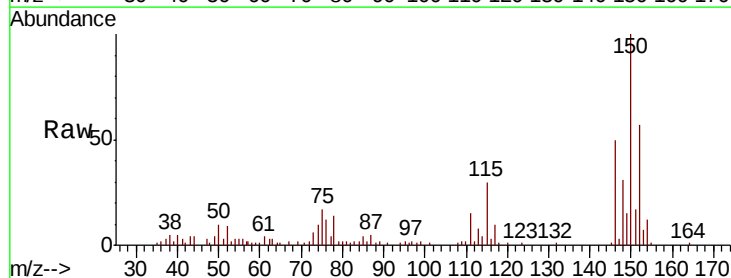
Instrument :
MSVOA_X
ClientSampleId :
ST008MW038-190701

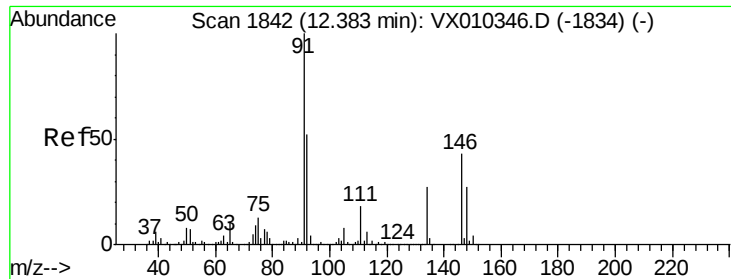
Tot Ion:119 Resp: 39987
Ion Ratio Lower Upper
119 100
134 29.3 13.7 41.1
91 24.2 11.3 33.8



#88
1,4-Dichlorobenzene
Concen: 1.018 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VX010695.D
Acq: 08 Jul 2019 15:02

Tgt Ion:146 Resp: 5400
Ion Ratio Lower Upper
146 100
111 74.4 18.1 54.3#
148 75.3 32.1 96.3

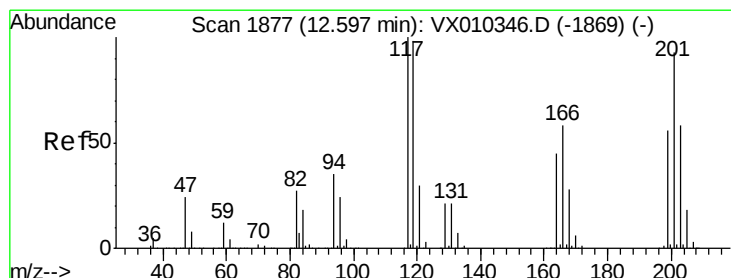
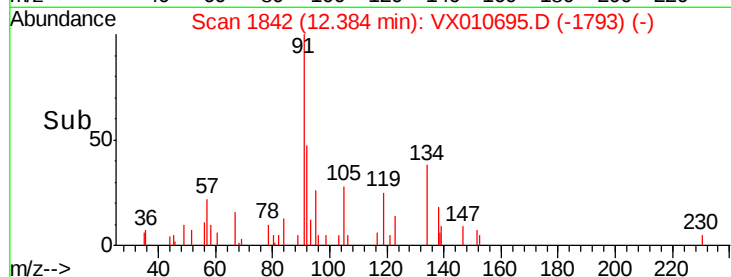
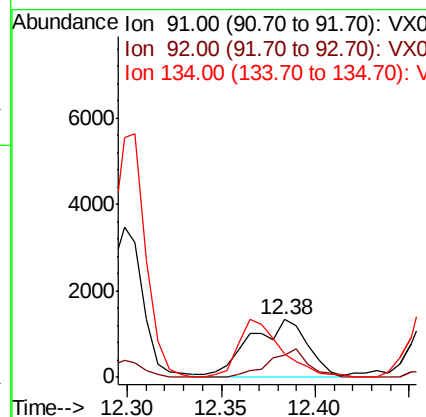
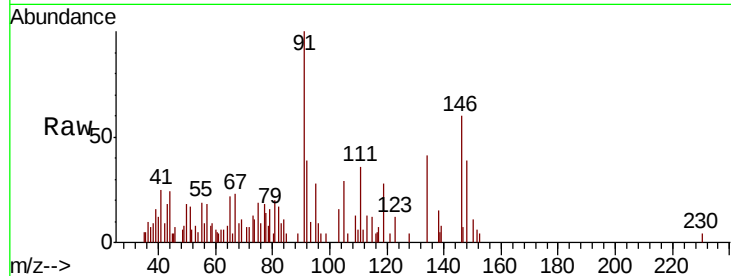




#89
n-Butylbenzene
Concen: 0.351 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010695.D
Acq: 08 Jul 2019 15:02

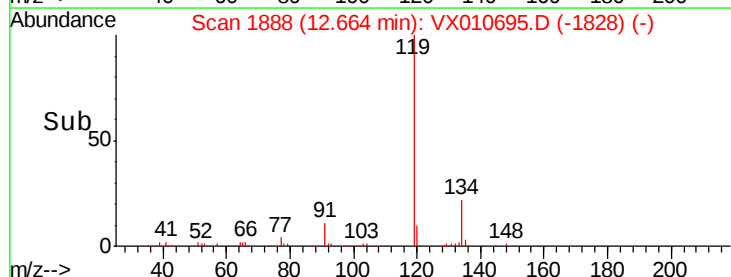
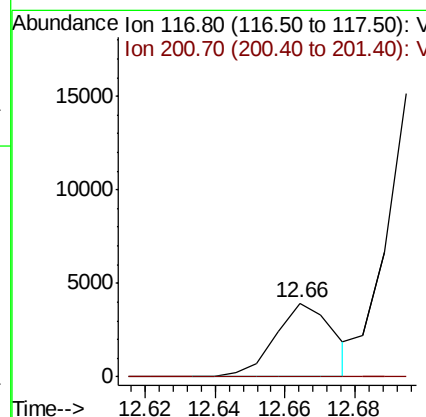
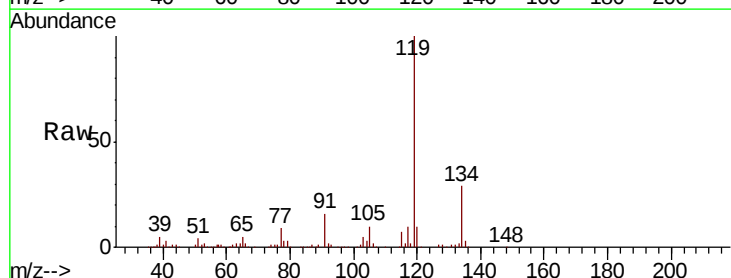
Instrument :
MSVOA_X
ClientSampleId :
ST008MW038-190701

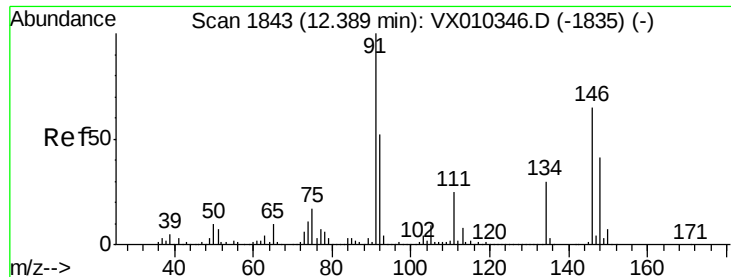
Tot Ion: 91 Resp: 2868
Ion Ratio Lower Upper
91 100
92 33.0 26.2 78.5
134 0.0 14.1 42.4#



#90
Hexachloroethane
Concen: 2.746 ug/l
RT: 12.66 min Scan# 1888
Delta R.T. 0.07 min
Lab File: VX010695.D
Acq: 08 Jul 2019 15:02

Tgt Ion: 117 Resp: 4560
Ion Ratio Lower Upper
117 100
201 0.0 44.0 131.8#

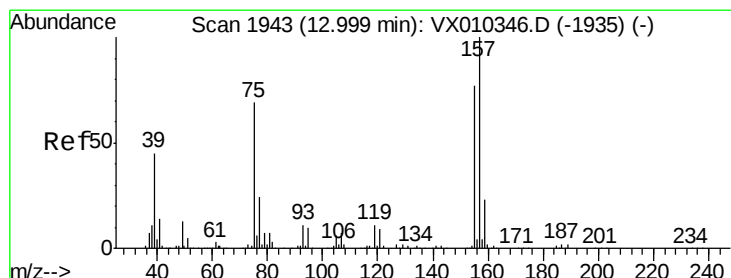
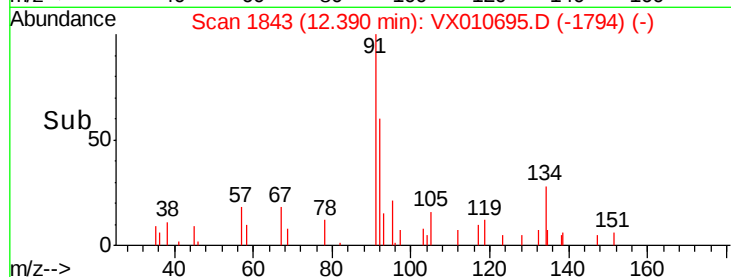
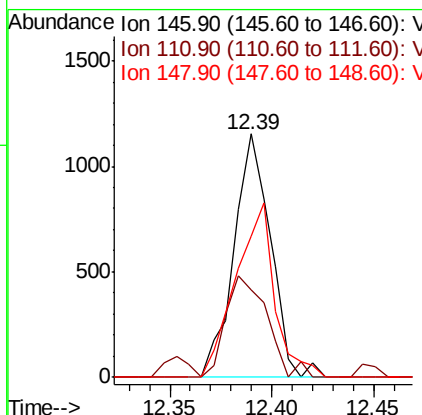
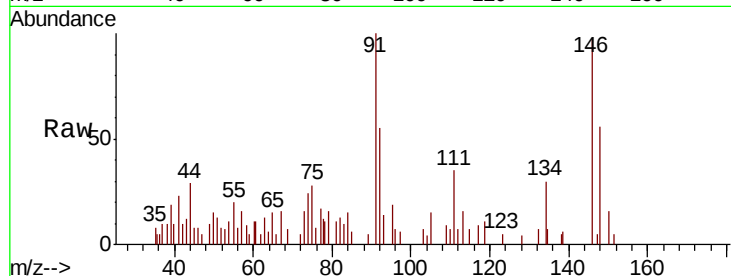




#91
 1,2-Dichlorobenzene
 Concen: 0.277 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010695.D
 Acq: 08 Jul 2019 15:02

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW038-190701

Tot Ion:146 Resp: 1433
 Ion Ratio Lower Upper
 146 100
 111 47.2 19.2 57.6
 148 76.7 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.526 ug/l
 RT: 12.96 min Scan# 1937
 Delta R.T. -0.04 min
 Lab File: VX010695.D
 Acq: 08 Jul 2019 15:02

Tgt Ion: 75 Resp: 401
 Ion Ratio Lower Upper
 75 100
 155 0.0 54.4 163.1#
 157 0.0 69.5 208.3#

