

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070319\
 Data File : VX010671.D
 Acq On : 04 Jul 2019 06:41
 Operator : JC/SP
 Sample : K3669-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW038-190701

Quant Time: Jul 05 00:56:16 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	238836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	369822	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	336047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	158625	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	118391	52.87	ug/l	0.00
Spiked Amount			Recovery	=	105.74%	
35) Dibromofluoromethane	5.50	113	112942	49.91	ug/l	0.00
Spiked Amount			Recovery	=	99.82%	
50) Toluene-d8	8.71	98	446385	51.57	ug/l	0.00
Spiked Amount			Recovery	=	103.14%	
62) 4-Bromofluorobenzene	11.13	95	149433	47.81	ug/l	0.00
Spiked Amount			Recovery	=	95.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	554	0.287	ug/l #	66
4) Vinyl Chloride	1.41	62	1925	0.909	ug/l #	22
6) Chloroethane	1.49	64	22330	17.872	ug/l #	50
11) Tert butyl alcohol	3.04	59	2222	3.792	ug/l #	74
13) Acrolein	2.29	56	217	0.558	ug/l	90
14) Allyl chloride	2.84	41	174708	59.444	ug/l #	64
15) Acrylonitrile	3.17	53	2265	1.952	ug/l #	47
16) Acetone	2.45	43	3301	2.941	ug/l	89
18) Methyl Acetate	2.84	43	436098	194.967	ug/l #	48
20) Methylene Chloride	2.84	84	1858	0.804	ug/l #	1
25) 2-Butanone	4.56	43	13429	8.157	ug/l #	46
27) cis-1,2-Dichloroethene	4.60	96	8858	3.443	ug/l	90
29) Tetrahydrofuran	5.15	42	467	0.458	ug/l #	36
31) Cyclohexane	5.73	56	373485	115.467	ug/l #	13
36) 1,1-Dichloropropene	5.66	75	15915	5.415	ug/l #	48
38) Carbon Tetrachloride	5.66	117	21658	6.806	ug/l #	15
39) Methylcyclohexane	7.45	83	16448	4.258	ug/l #	62
43) Isopropyl Acetate	6.35	43	228929	45.767	ug/l #	57
44) Trichloroethene	7.22	130	3219	1.175	ug/l	99
47) Bromodichloromethane	7.86	83	848	0.279	ug/l #	44
48) Methyl methacrylate	7.85	41	4028	1.732	ug/l	98
49) 1,4-Dioxane	7.76	88	22	0.328	ug/l #	28
51) 4-Methyl-2-Pentanone	8.68	43	15381	4.808	ug/l #	72
55) 1,1,2-Trichloroethane	9.16	97	7519	3.024	ug/l #	20
56) Ethyl methacrylate	9.17	69	1520	0.404	ug/l #	1
59) 2-Hexanone	9.55	43	616	0.245	ug/l	65
65) Chlorobenzene	10.13	112	77627	11.378	ug/l	99
73) Isopropylbenzene	11.02	105	6096	0.567	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.28	83	733	0.206	ug/l #	27
76) 1,2,3-Trichloropropane	11.13	75	74185	25.665	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	74185	59.873	ug/l #	16
83) tert-Butylbenzene	11.77	119	12972	1.458	ug/l	86
85) sec-Butylbenzene	11.94	105	26901	2.575	ug/l	95
86) p-Isopropyltoluene	12.23	119	45645	4.724	ug/l	96

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QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

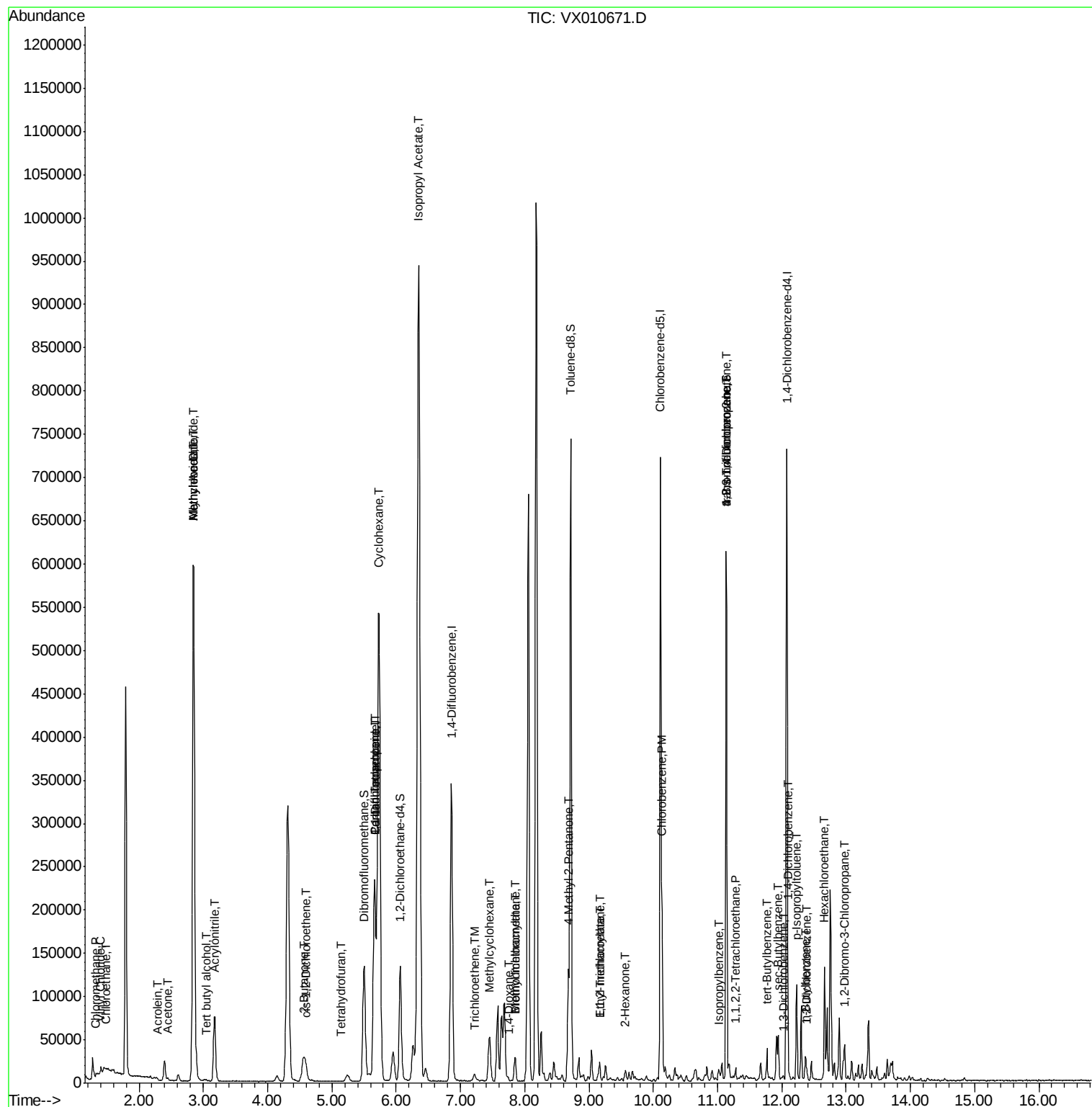
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) 1,3-Dichlorobenzene	12.02	146	1138	0.217	ug/l #	80
88) 1,4-Dichlorobenzene	12.10	146	6504	1.219	ug/l #	74
89) n-Butylbenzene	12.38	91	3554	0.433	ug/l #	56
90) Hexachloroethane	12.66	117	5728	3.428	ug/l #	5
91) 1,2-Dichlorobenzene	12.39	146	1619	0.311	ug/l	92
92) 1,2-Dibromo-3-Chloropropan	12.96	75	318	0.414	ug/l #	1

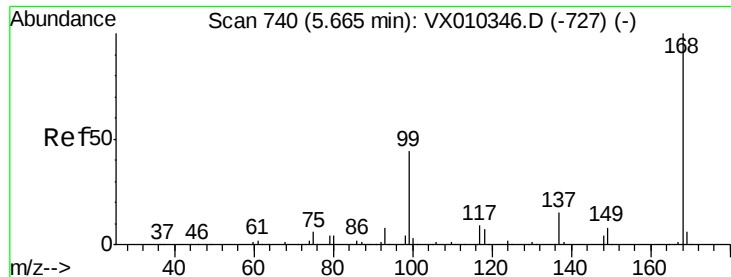
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010671.D

Acq: 04 Jul 2019 06:41

Instrument :

MSVOA_X

ClientSampleId :

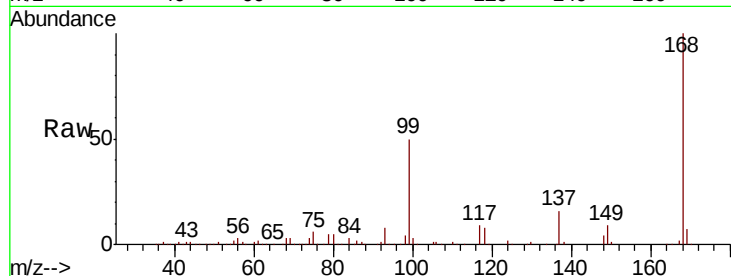
ST008MW038-190701

Tot Ion:168 Resp: 238836

Ion Ratio Lower Upper

168 100

99 50.1 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

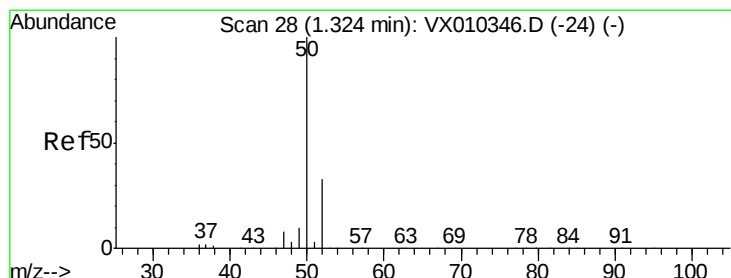
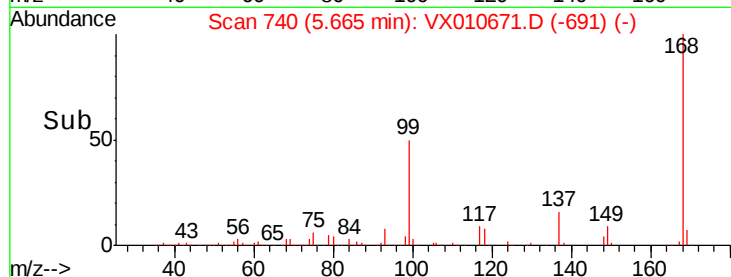
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.287 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010671.D

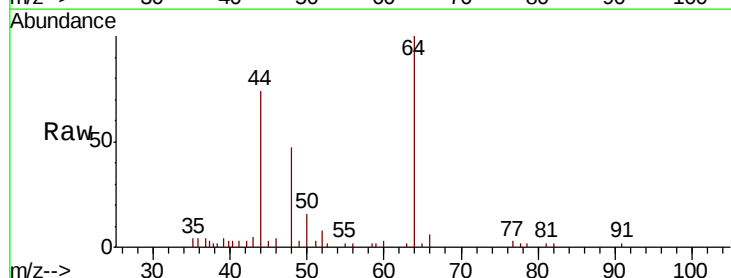
Acq: 04 Jul 2019 06:41

Tgt Ion: 50 Resp: 554

Ion Ratio Lower Upper

50 100

52 52.1 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

600

500

400

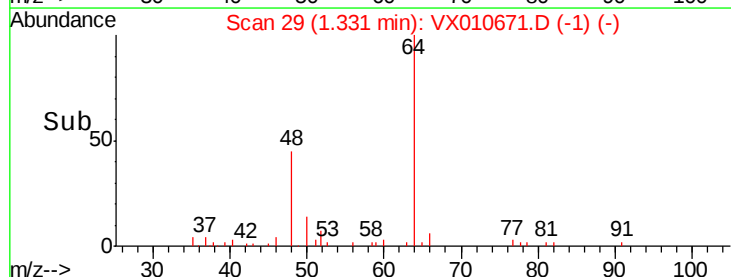
300

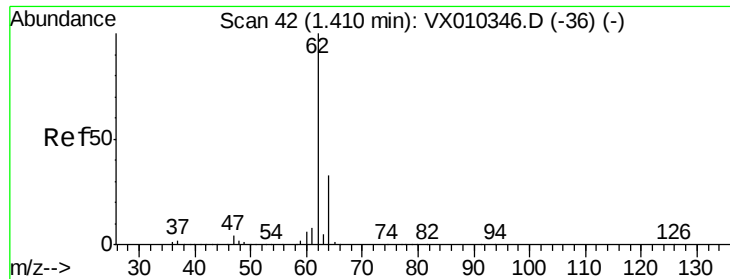
200

100

0

Time--> 1.30 1.35





#4

Vinyl Chloride

Concen: 0.909 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010671.D

Acq: 04 Jul 2019 06:41

Instrument :

MSVOA_X

ClientSampleId :

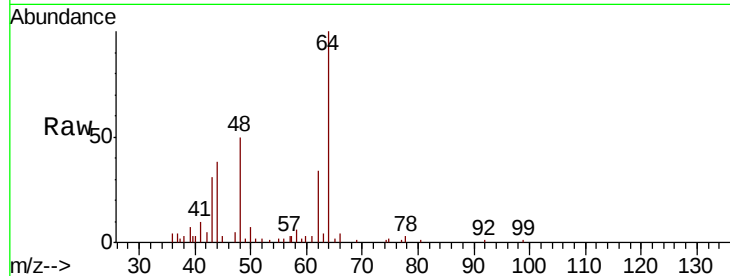
ST008MW038-190701

Tot Ion: 62 Resp: 1925

Ion Ratio Lower Upper

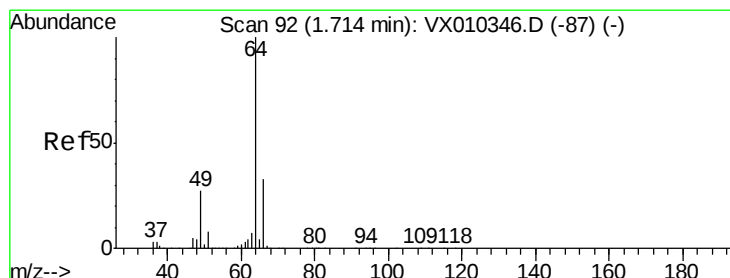
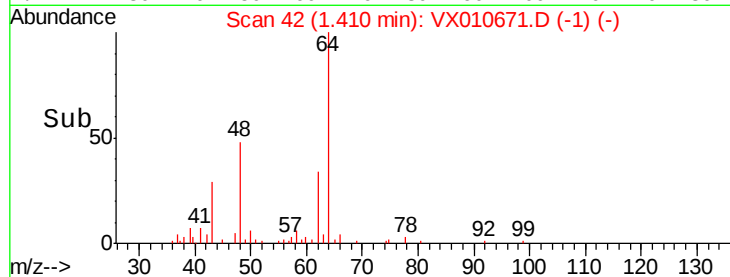
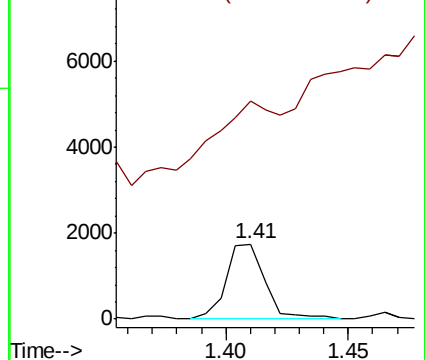
62 100

64 76.7 26.2 39.4#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#6

Chloroethane

Concen: 17.872 ug/l

RT: 1.49 min Scan# 55

Delta R.T. -0.23 min

Lab File: VX010671.D

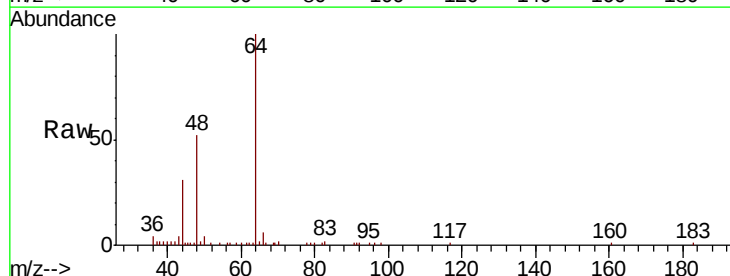
Acq: 04 Jul 2019 06:41

Tgt Ion: 64 Resp: 22330

Ion Ratio Lower Upper

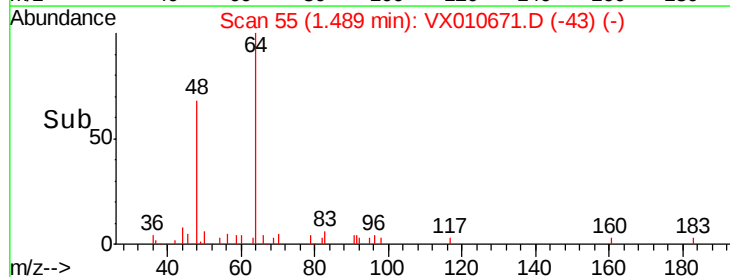
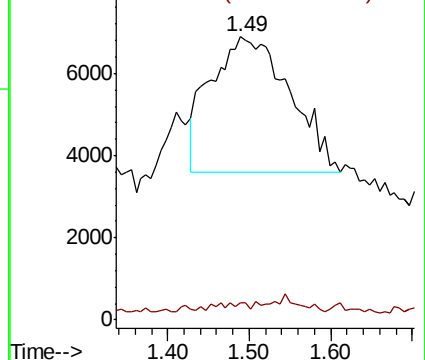
64 100

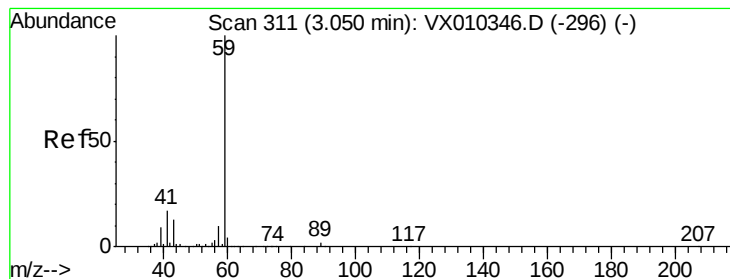
66 4.9 26.6 40.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#11

Tert butyl alcohol

Concen: 3.792 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.01 min

Lab File: VX010671.D

Acq: 04 Jul 2019 06:41

Instrument :

MSVOA_X

ClientSampleId :

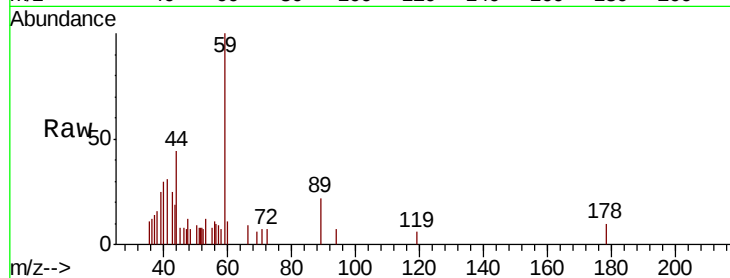
ST008MW038-190701

Tot Ion: 59 Resp: 2222

Ion Ratio Lower Upper

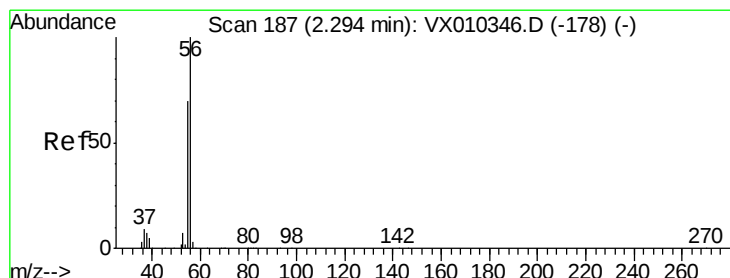
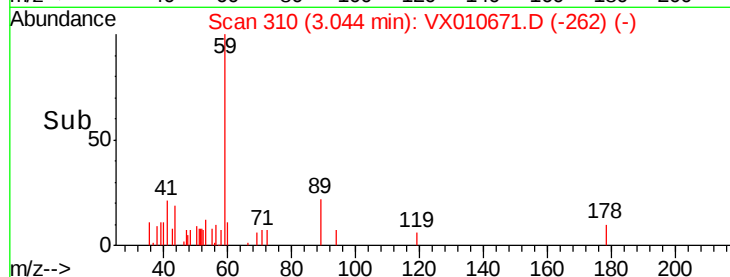
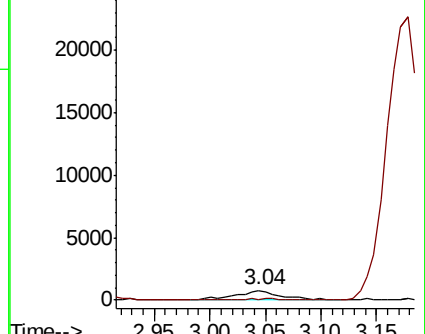
59 100

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



#13

Acrolein

Concen: 0.558 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010671.D

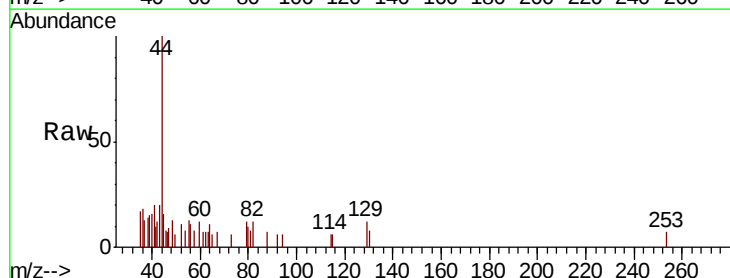
Acq: 04 Jul 2019 06:41

Tgt Ion: 56 Resp: 217

Ion Ratio Lower Upper

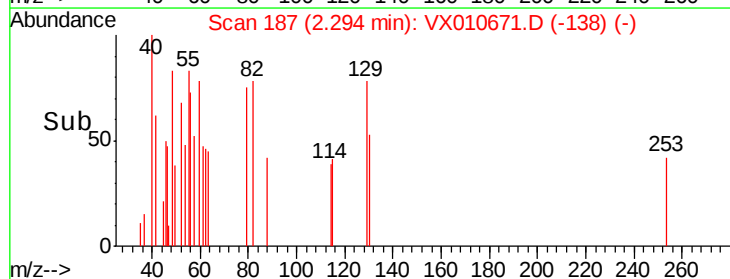
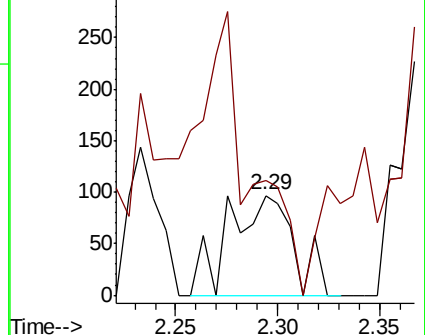
56 100

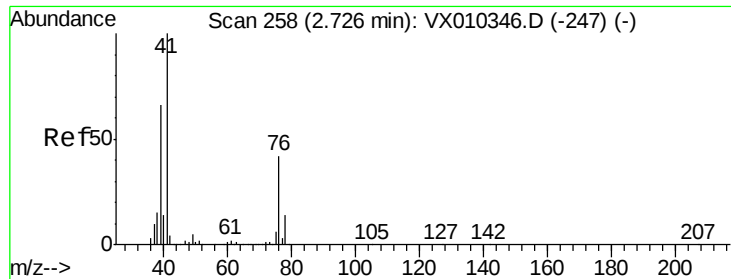
55 79.3 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

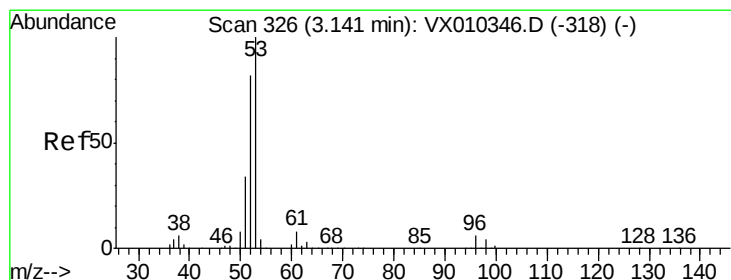
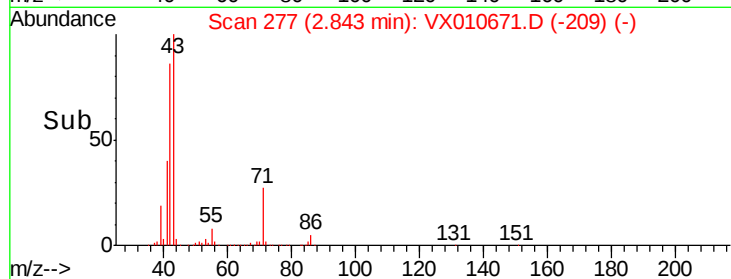
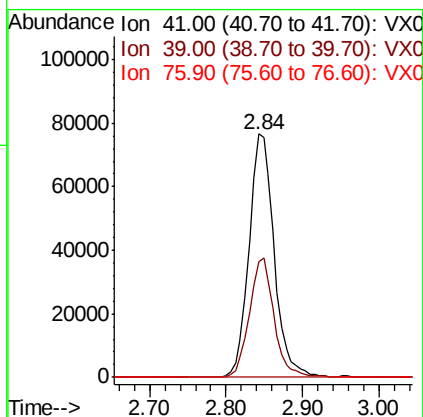
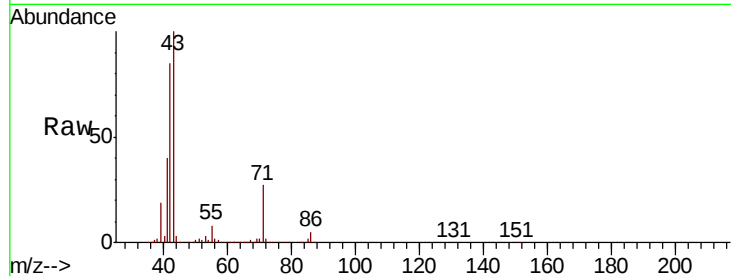




#14
Allvl chloride
Concen: 59.444 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.12 min
Lab File: VX010671.D
Acq: 04 Jul 2019 06:41

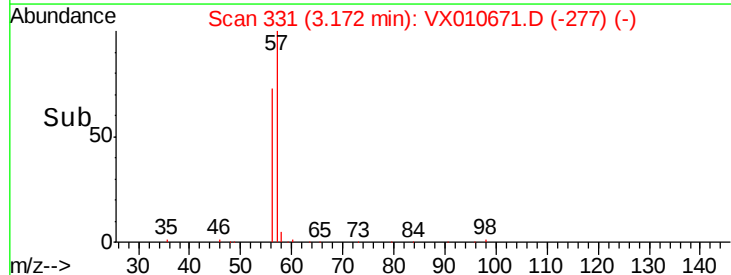
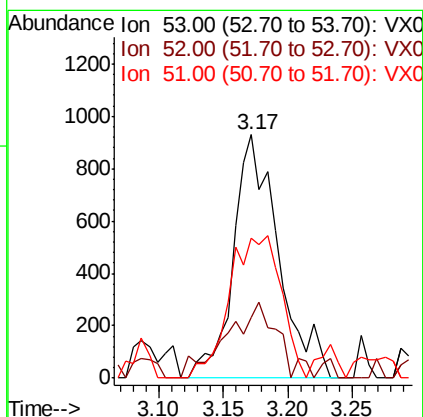
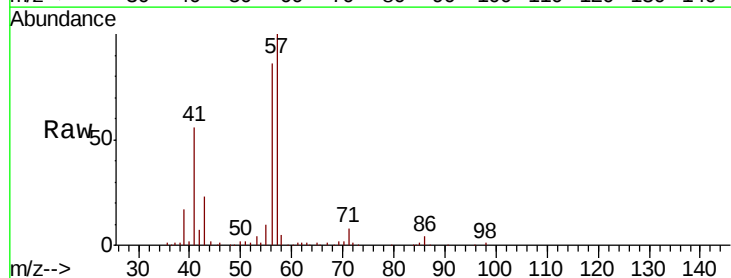
Instrument :
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ClientSampleId :
ST008MW038-190701

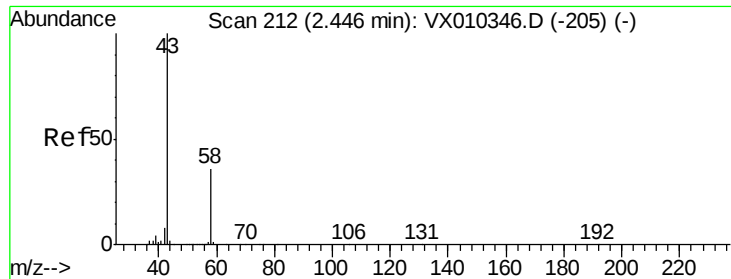
Tot Ion: 41 Resp: 174708
Ion Ratio Lower Upper
41 100
39 48.4 50.3 75.5#
76 0.1 31.3 46.9#



#15
Acrylonitrile
Concen: 1.952 ug/l
RT: 3.17 min Scan# 331
Delta R.T. 0.03 min
Lab File: VX010671.D
Acq: 04 Jul 2019 06:41

Tgt Ion: 53 Resp: 2265
Ion Ratio Lower Upper
53 100
52 35.4 65.5 98.3#
51 66.9 28.2 42.4#





#16

Acetone

Concen: 2.941 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010671.D

Acq: 04 Jul 2019 06:41

Instrument :

MSVOA_X

ClientSampleId :

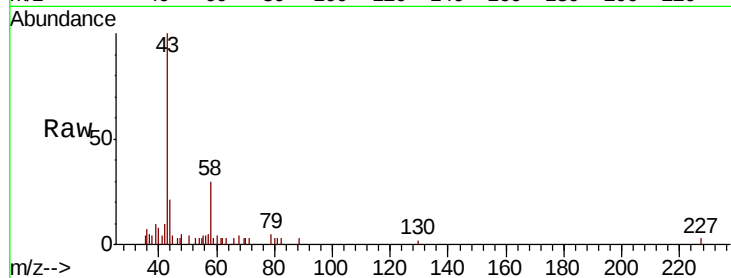
ST008MW038-190701

Tot Ion: 43 Resp: 3301

Ion Ratio Lower Upper

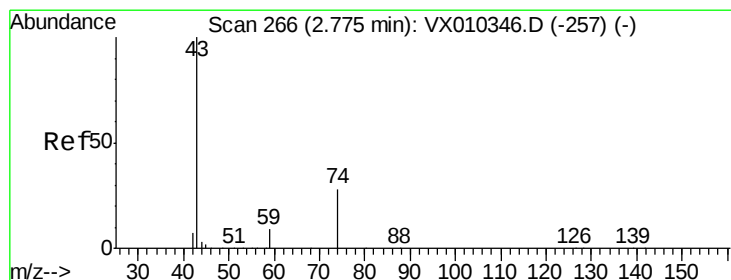
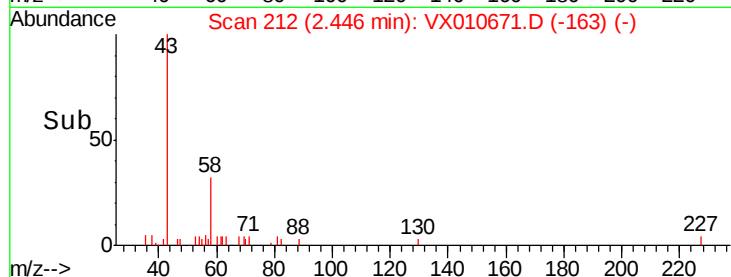
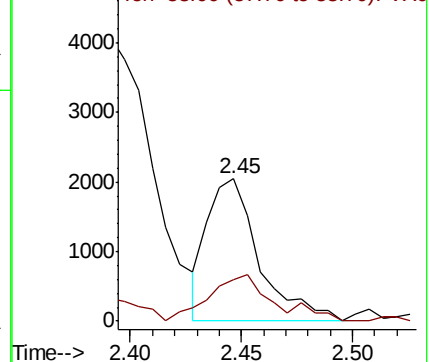
43 100

58 29.6 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: 194.967 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.07 min

Lab File: VX010671.D

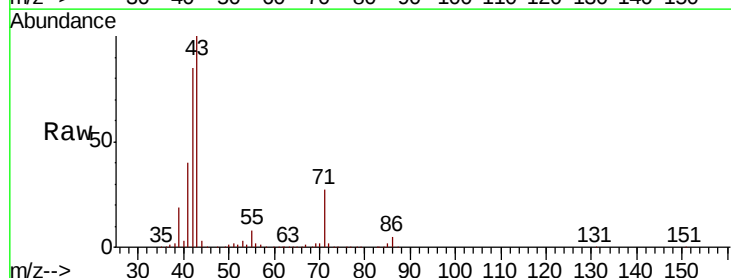
Acq: 04 Jul 2019 06:41

Tgt Ion: 43 Resp: 436098

Ion Ratio Lower Upper

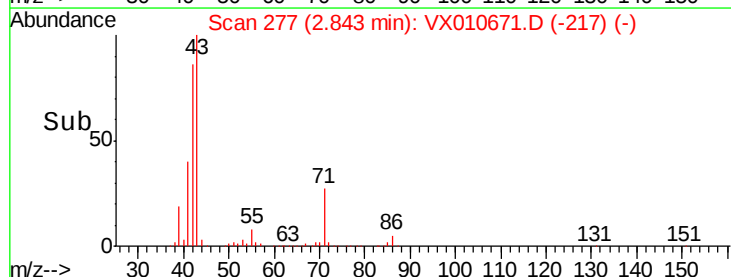
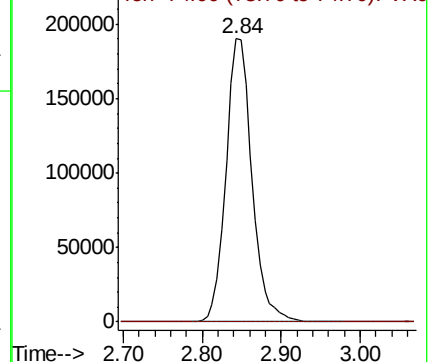
43 100

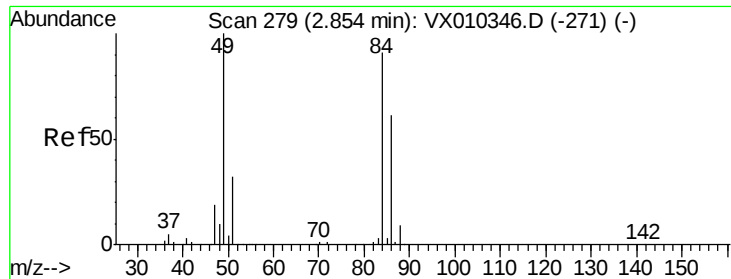
74 0.0 21.3 31.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

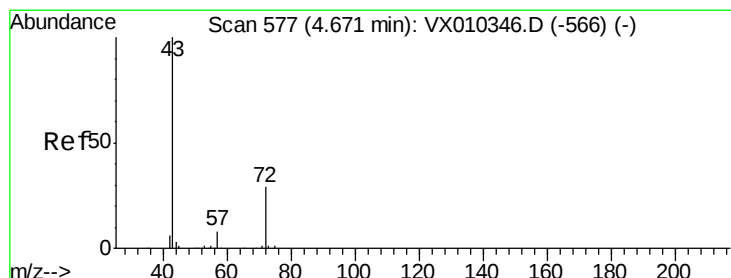
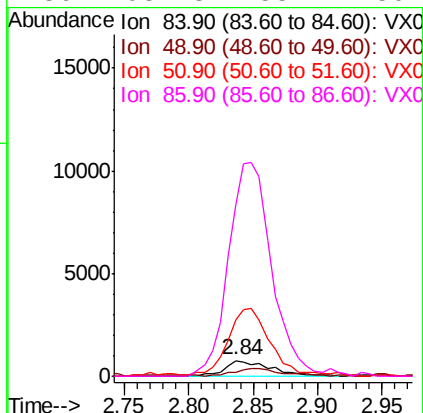
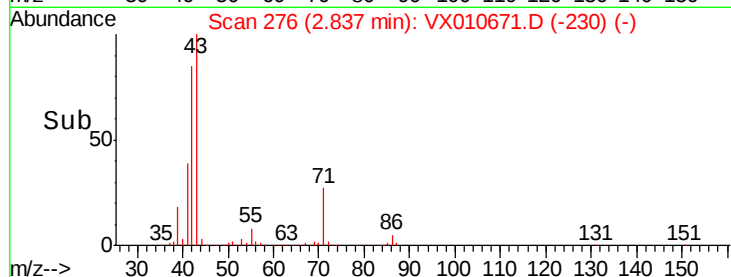
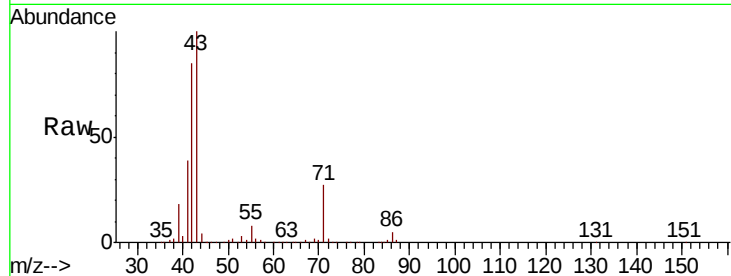




#20
Methvlene Chloride
Concen: 0.804 ug/l
RT: 2.84 min Scan# 276
Delta R.T. -0.02 min
Lab File: VX010671.D
Acq: 04 Jul 2019 06:41

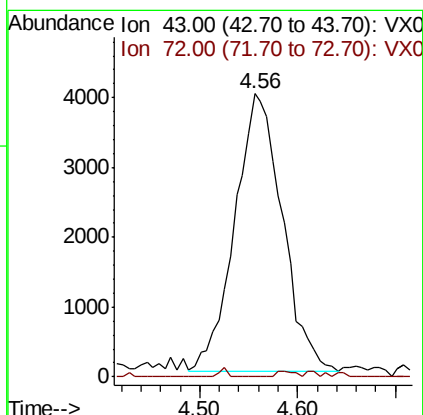
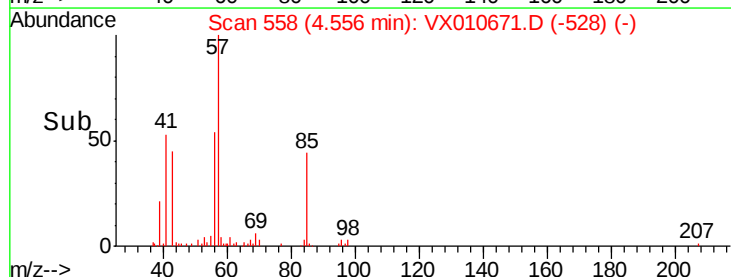
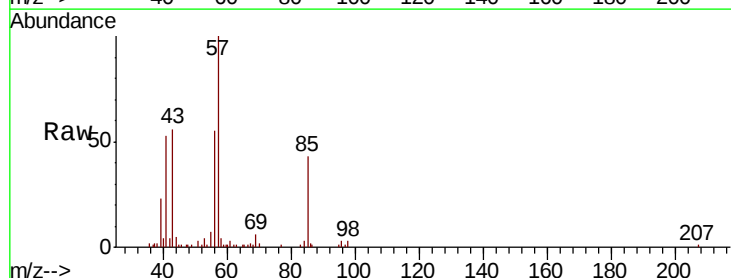
Instrument :
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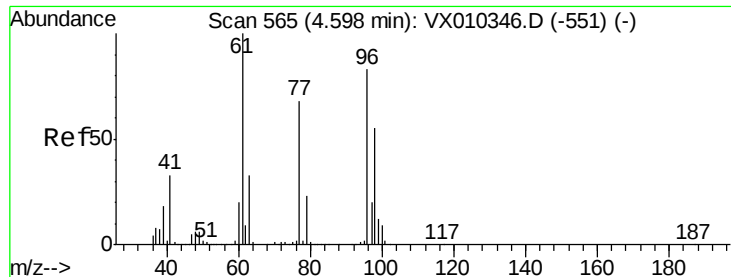
Tot Ion: 84 Resp: 1858
Ion Ratio Lower Upper
84 100
49 12.2 87.5 131.3#
51 350.2 27.7 41.5#
86 1084.3 53.4 80.0#



#25
2-Butanone
Concen: 8.157 ug/l
RT: 4.56 min Scan# 558
Delta R.T. -0.12 min
Lab File: VX010671.D
Acq: 04 Jul 2019 06:41

Tgt Ion: 43 Resp: 13429
Ion Ratio Lower Upper
43 100
72 0.0 23.3 34.9#



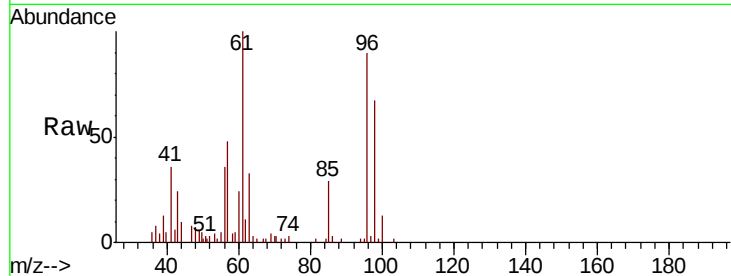


#27

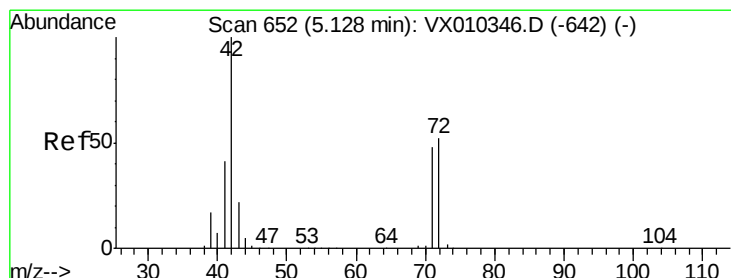
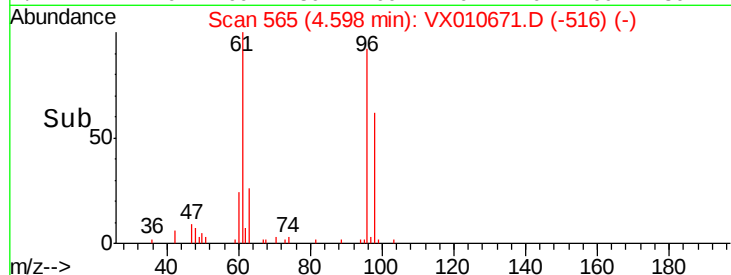
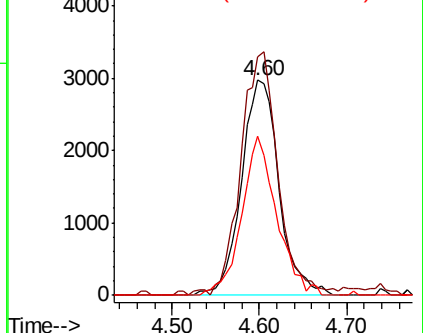
cis-1,2-Dichloroethene
 Concen: 3.443 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX010671.D
 Acq: 04 Jul 2019 06:41

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW038-190701

Tot Ion: 96 Resp: 8858
 Ion Ratio Lower Upper
 96 100
 61 112.0 0.0 251.8
 98 69.0 0.0 129.4



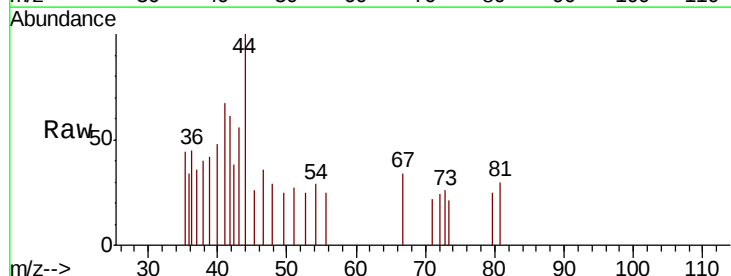
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



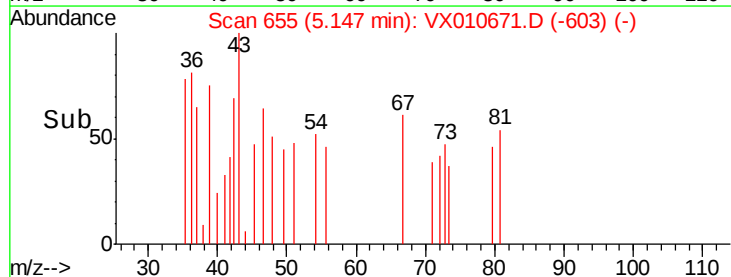
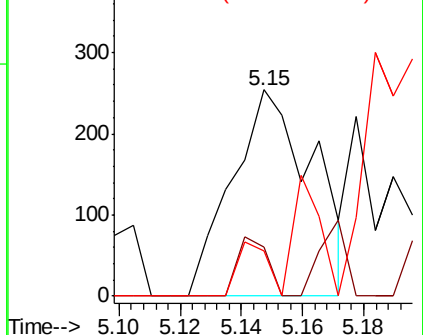
#29

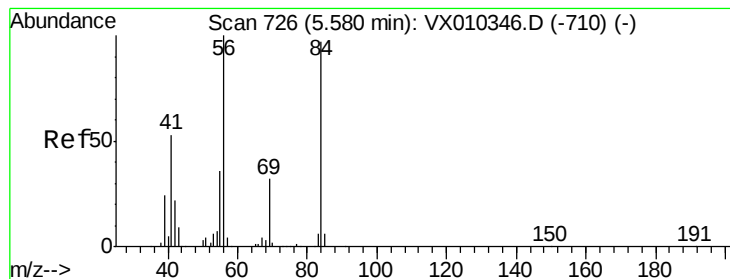
Tetrahydrofuran
 Concen: 0.458 ug/l
 RT: 5.15 min Scan# 655
 Delta R.T. 0.02 min
 Lab File: VX010671.D
 Acq: 04 Jul 2019 06:41

Tgt Ion: 42 Resp: 467
 Ion Ratio Lower Upper
 42 100
 72 10.5 40.6 60.8#
 71 0.0 37.8 56.8#



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





#31

Cyclohexane

Concen: 115.467 ug/l

RT: 5.73 min Scan# 751

Delta R.T. 0.15 min

Lab File: VX010671.D

Acq: 04 Jul 2019 06:41

Instrument :

MSVOA_X

ClientSampleId :

ST008MW038-190701

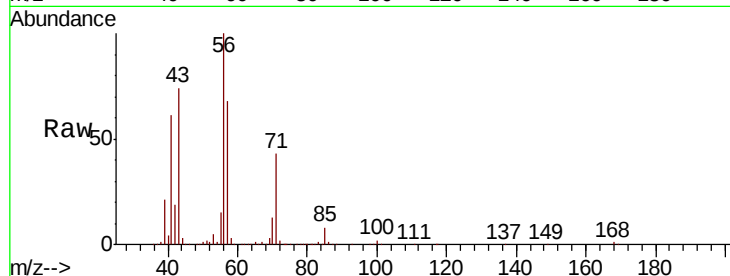
Tot Ion: 56 Resp: 373485

Ion Ratio Lower Upper

56 100

69 3.0 25.9 38.9#

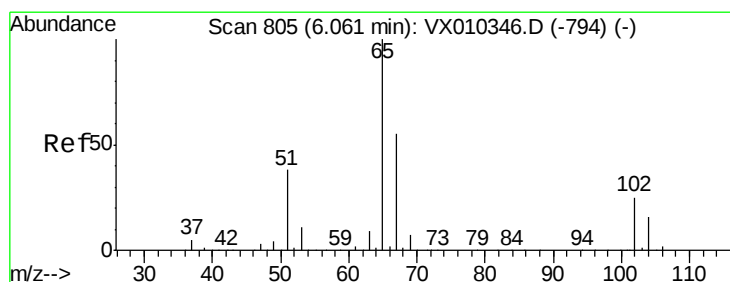
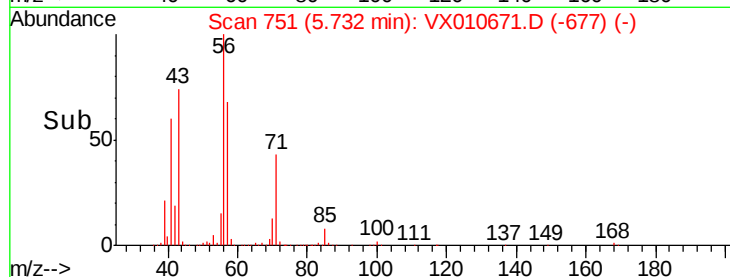
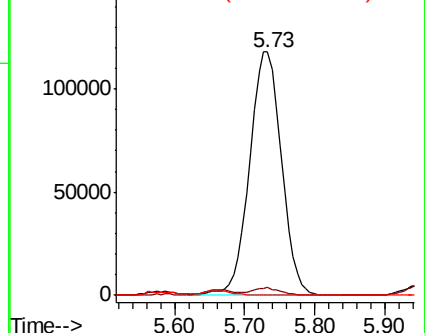
84 0.3 78.0 117.0#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 52.869 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010671.D

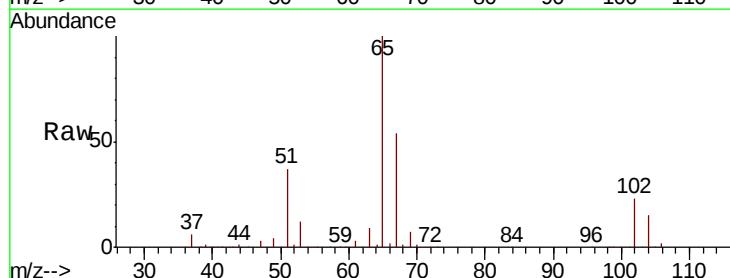
Acq: 04 Jul 2019 06:41

Tgt Ion: 65 Resp: 118391

Ion Ratio Lower Upper

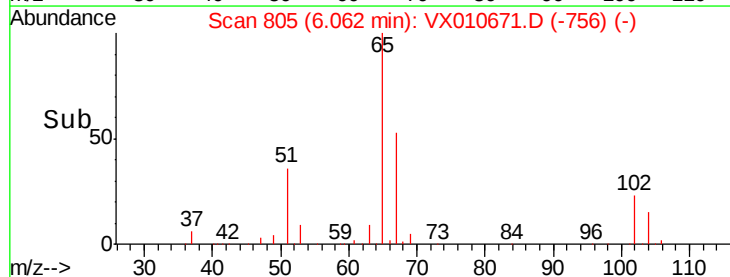
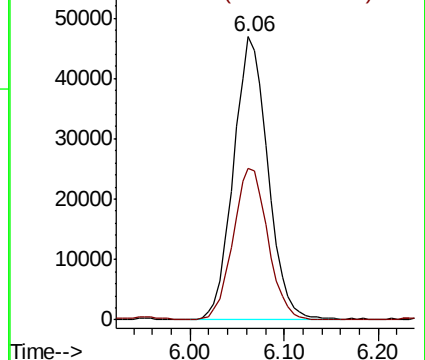
65 100

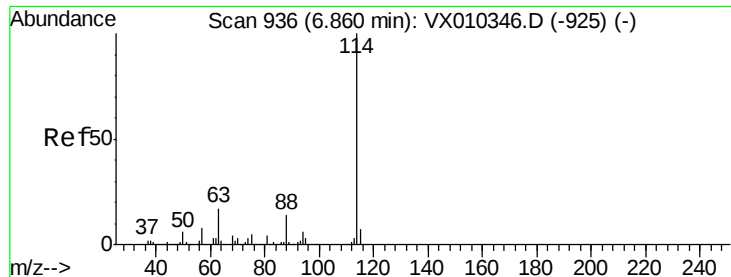
67 54.5 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010671.D

Acq: 04 Jul 2019 06:41

Instrument :

MSVOA_X

ClientSampleId :

ST008MW038-190701

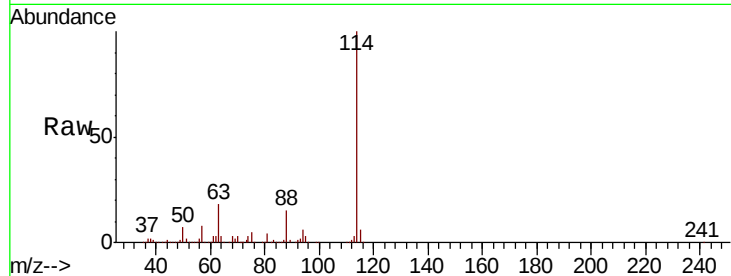
Tot Ion:114 Resp: 369822

Ion Ratio Lower Upper

114 100

63 17.8 0.0 33.8

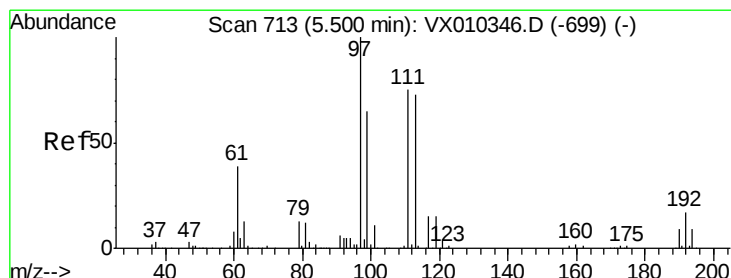
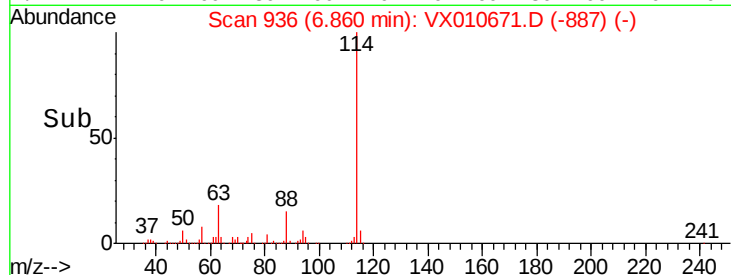
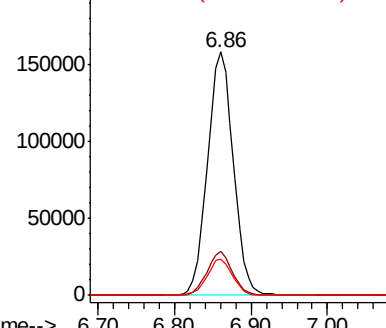
88 15.1 0.0 27.6



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



#35

Dibromofluoromethane

Concen: 49.915 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010671.D

Acq: 04 Jul 2019 06:41

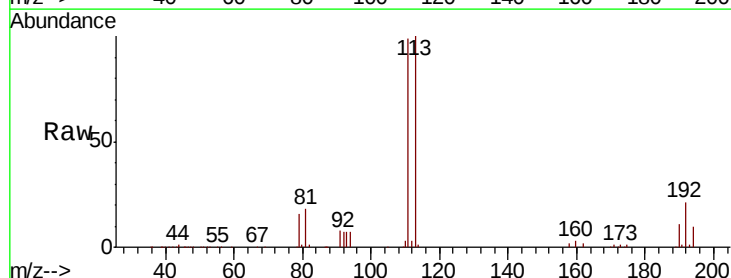
Tgt Ion:113 Resp: 112942

Ion Ratio Lower Upper

113 100

111 100.9 81.2 121.8

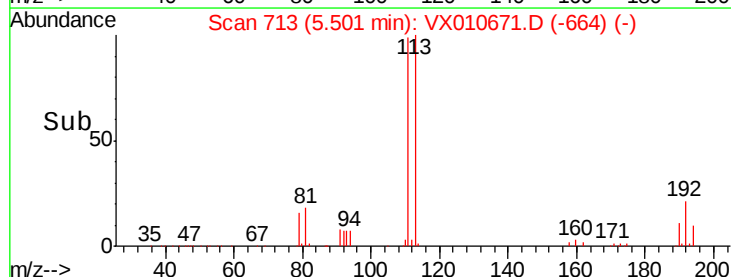
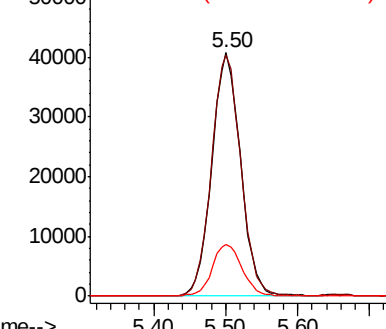
192 21.8 18.6 27.8

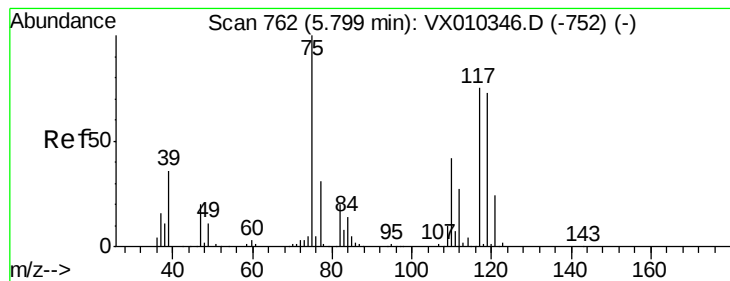


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.415 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX010671.D

Acq: 04 Jul 2019 06:41

Instrument :

MSVOA_X

ClientSampleId :

ST008MW038-190701

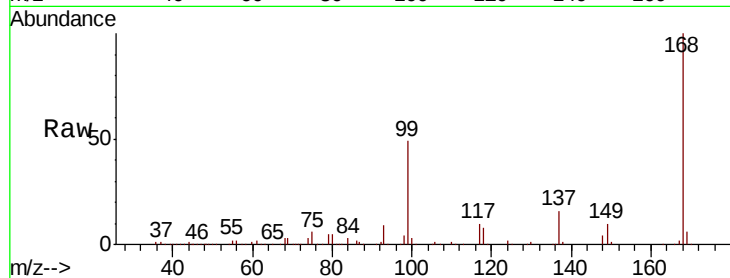
Tot Ion: 75 Resp: 15915

Ion Ratio Lower Upper

75 100

110 11.0 20.8 62.2#

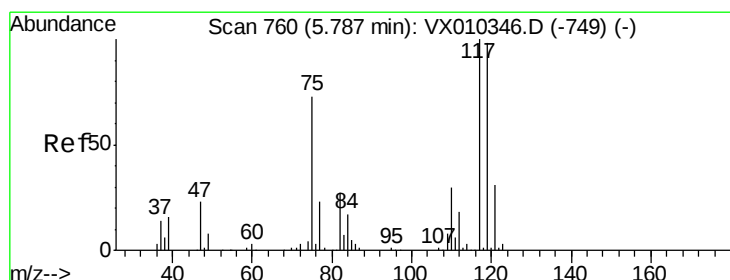
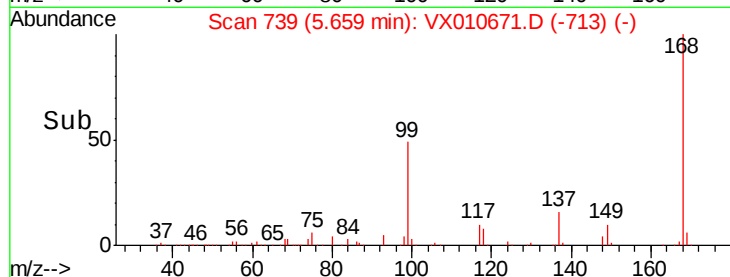
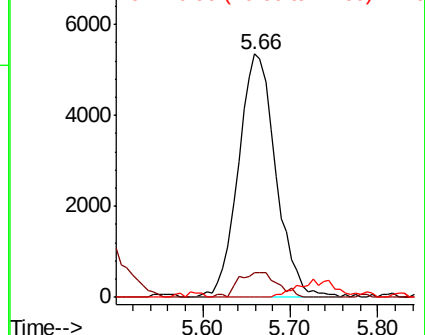
77 0.0 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 6.806 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX010671.D

Acq: 04 Jul 2019 06:41

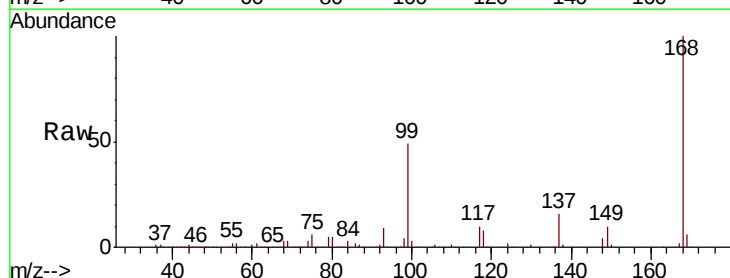
Tgt Ion: 117 Resp: 21658

Ion Ratio Lower Upper

117 100

119 4.5 78.2 117.4#

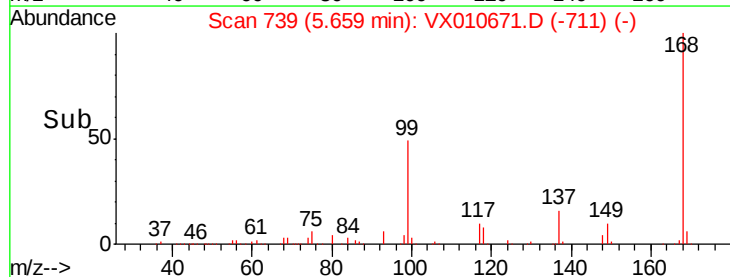
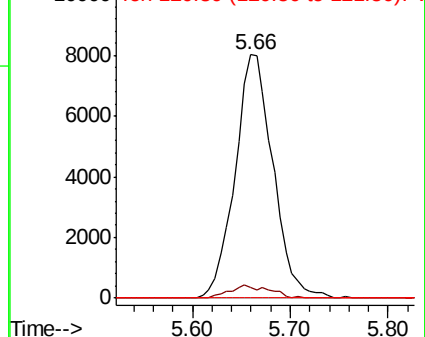
121 0.0 24.7 37.1#

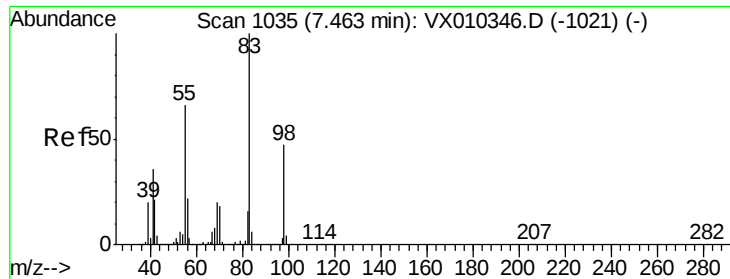


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#39

Methylcyclohexane

Concen: 4.258 ug/l

RT: 7.45 min Scan# 1033

Delta R.T. -0.01 min

Lab File: VX010671.D

Acq: 04 Jul 2019 06:41

Instrument :

MSVOA_X

ClientSampleId :

ST008MW038-190701

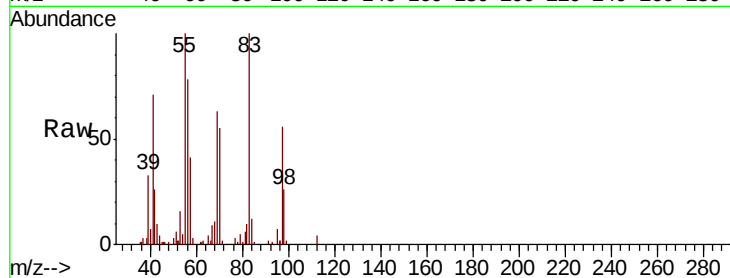
Tot Ion: 83 Resp: 16448

Ion Ratio Lower Upper

83 100

55 99.8 53.0 79.6#

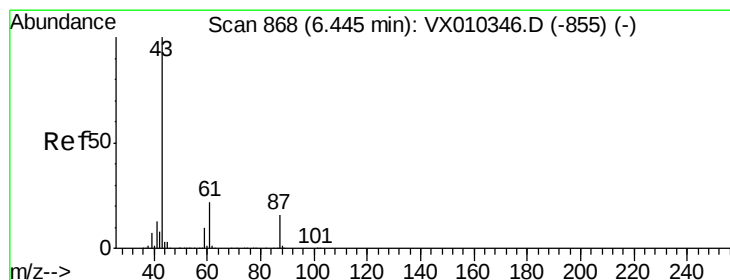
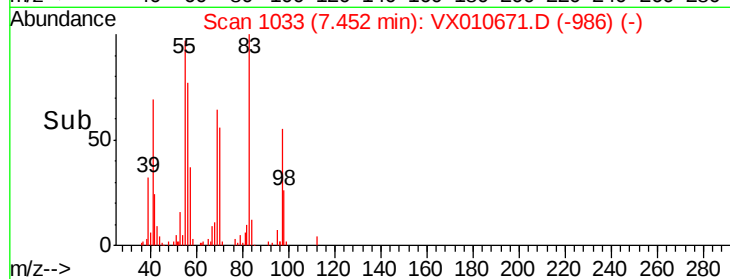
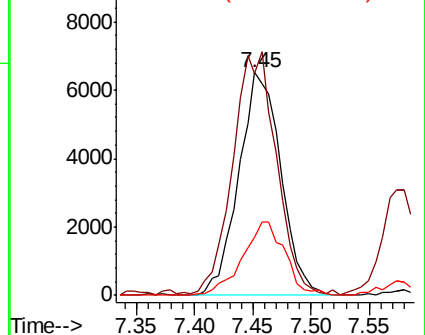
98 26.1 37.8 56.8#



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: 45.767 ug/l

RT: 6.35 min Scan# 852

Delta R.T. -0.10 min

Lab File: VX010671.D

Acq: 04 Jul 2019 06:41

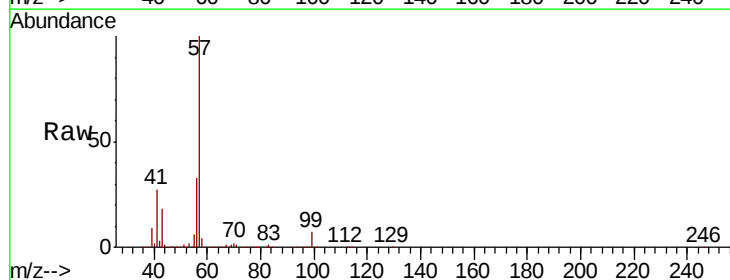
Tgt Ion: 43 Resp: 228929

Ion Ratio Lower Upper

43 100

61 0.1 17.8 26.6#

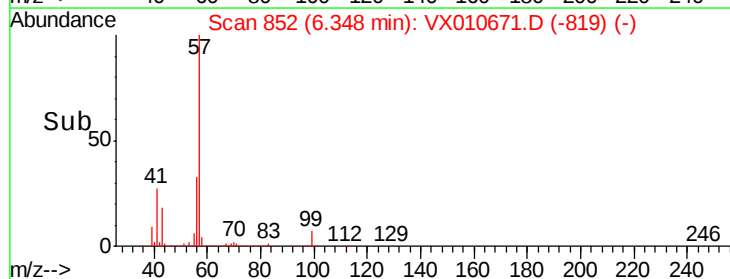
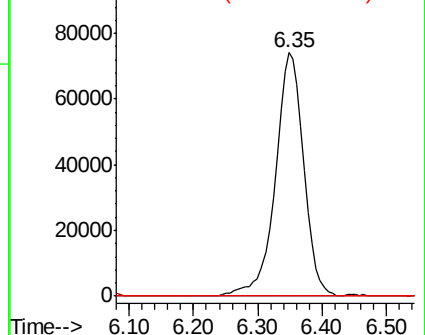
87 0.0 13.0 19.4#

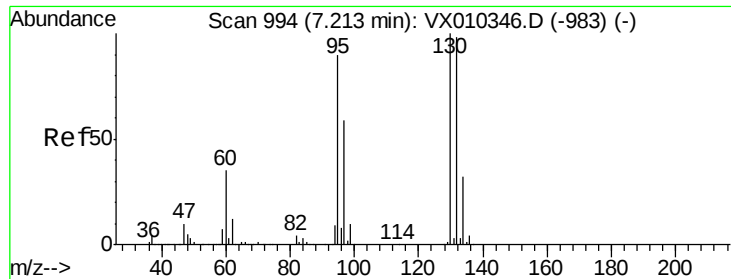


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#44

Trichloroethene

Concen: 1.175 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX010671.D

Acq: 04 Jul 2019 06:41

Instrument :

MSVOA_X

ClientSampleId :

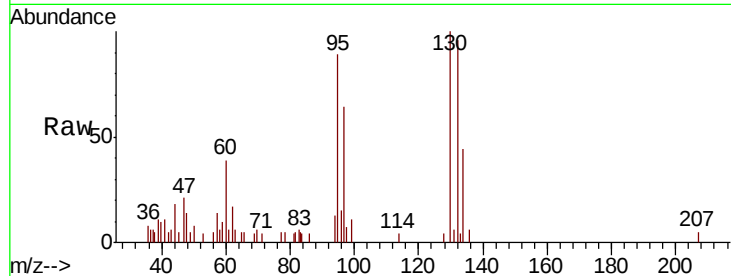
ST008MW038-190701

Tot Ion:130 Resp: 3219

Ion Ratio Lower Upper

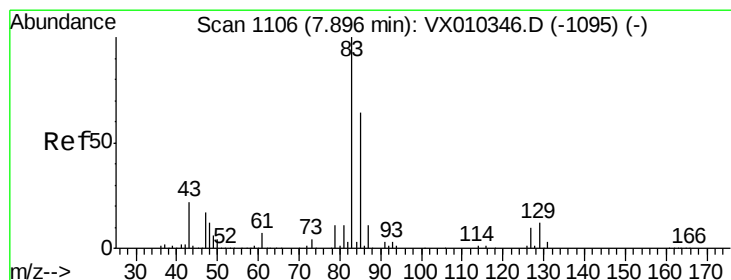
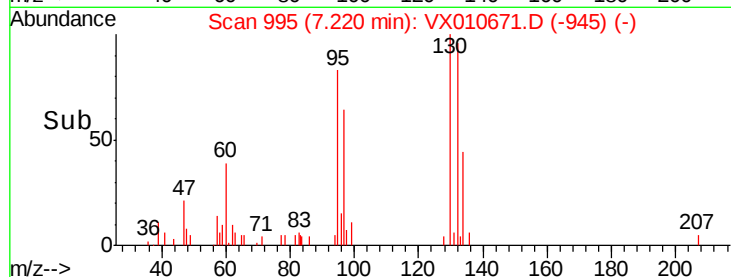
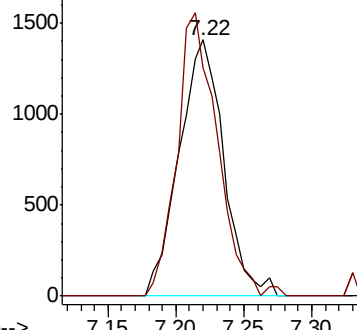
130 100

95 89.3 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#47

Bromodichloromethane

Concen: 0.279 ug/l

RT: 7.86 min Scan# 1100

Delta R.T. -0.04 min

Lab File: VX010671.D

Acq: 04 Jul 2019 06:41

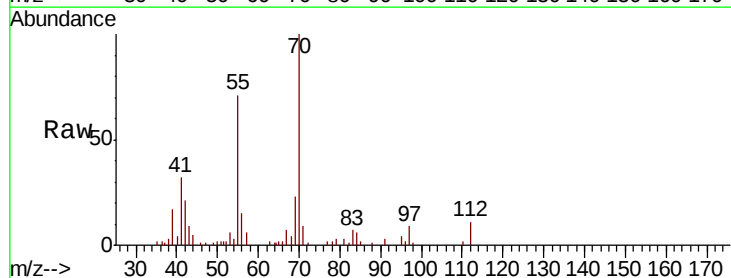
Tgt Ion: 83 Resp: 848

Ion Ratio Lower Upper

83 100

85 17.0 51.5 77.3#

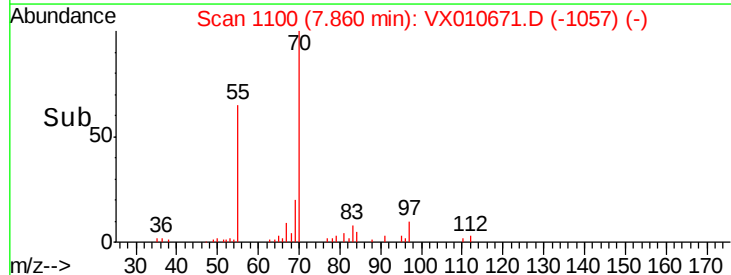
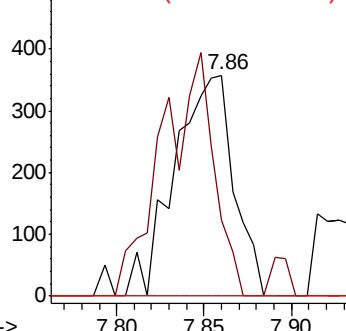
127 0.0 7.8 11.8#

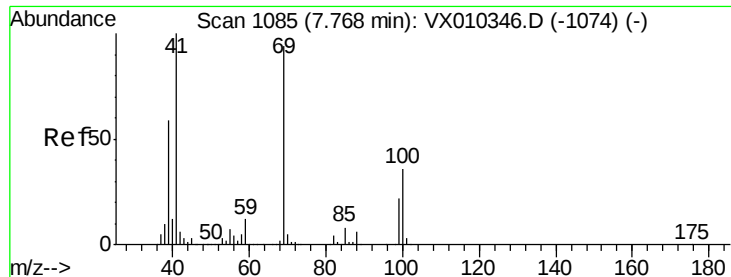


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

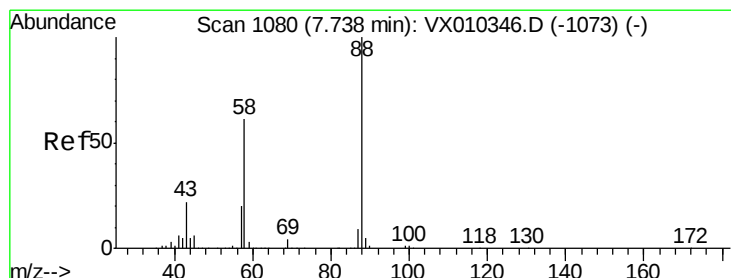
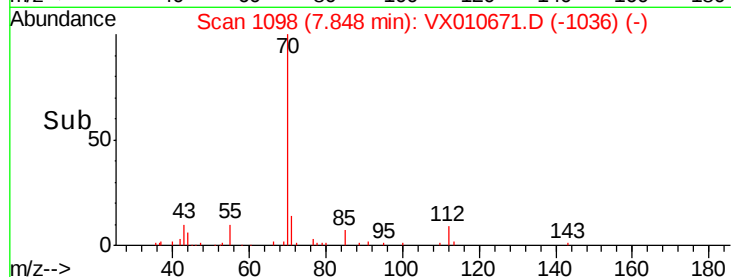
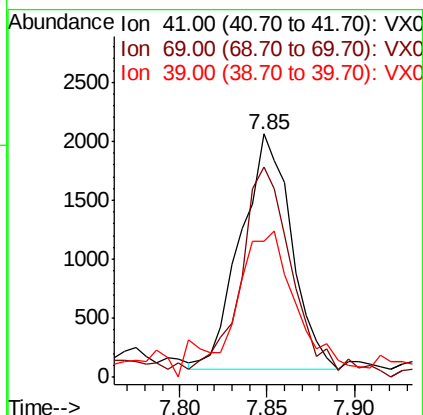
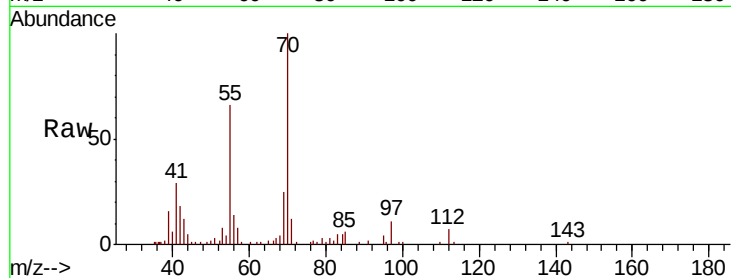




#48
Methvl methacrvlate
Concen: 1.732 ug/l
RT: 7.85 min Scan# 1098
Delta R.T. 0.08 min
Lab File: VX010671.D
Acq: 04 Jul 2019 06:41

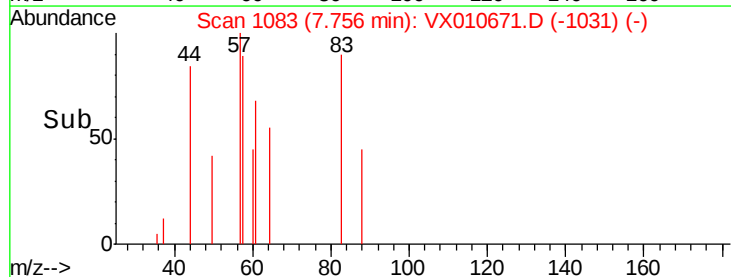
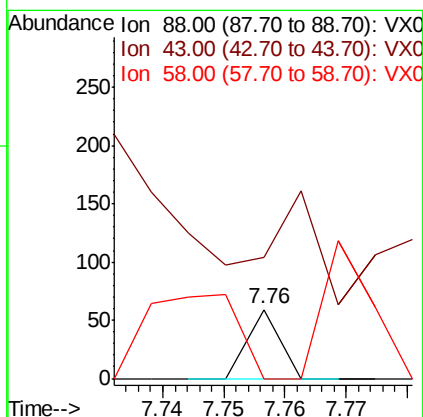
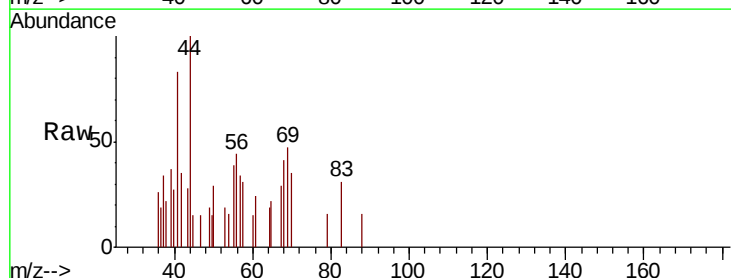
Instrument :
MSVOA_X
ClientSampleId :
ST008MW038-190701

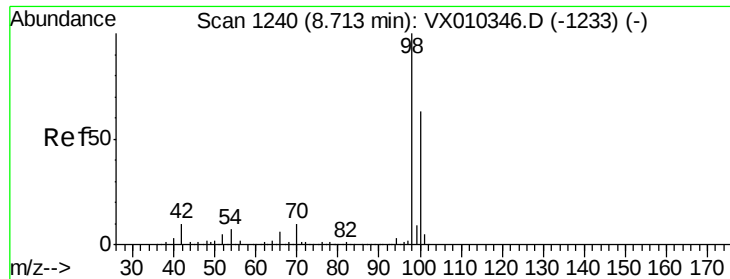
Tot Ion: 41 Resp: 4028
Ion Ratio Lower Upper
41 100
69 93.1 76.1 114.1
39 61.1 47.6 71.4



#49
1,4-Dioxane
Concen: 0.328 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.02 min
Lab File: VX010671.D
Acq: 04 Jul 2019 06:41

Tgt Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.2#
58 0.0 49.5 74.3#

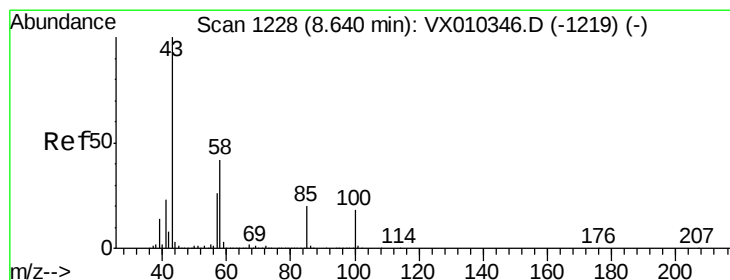
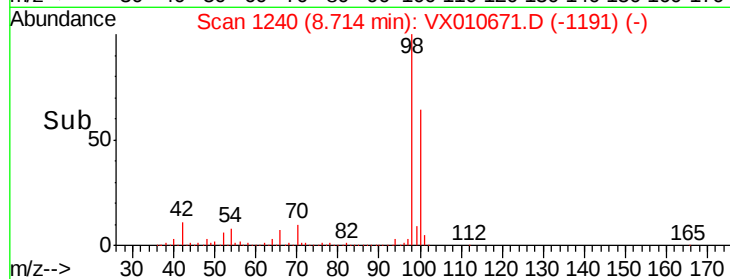
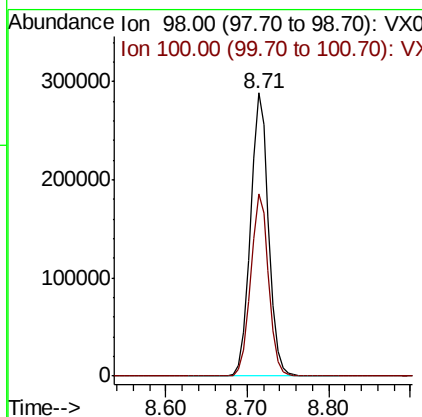
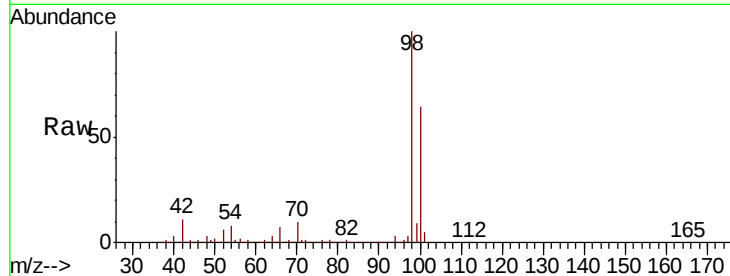




#50
Toluene-d8
Concen: 51.565 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010671.D
Acq: 04 Jul 2019 06:41

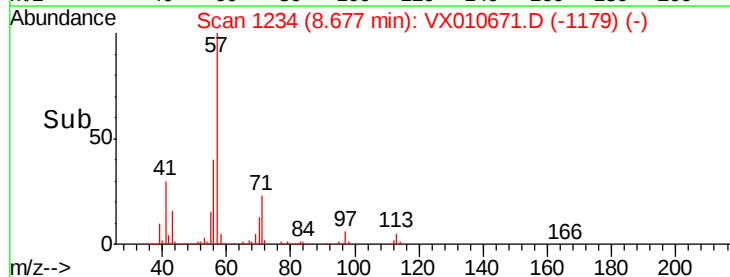
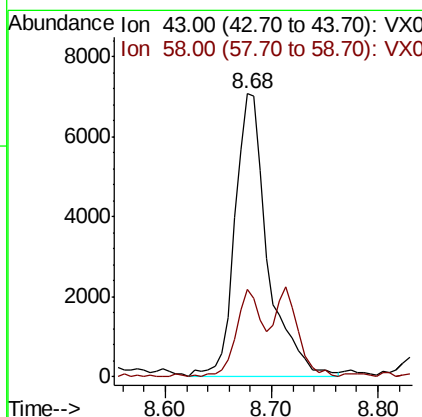
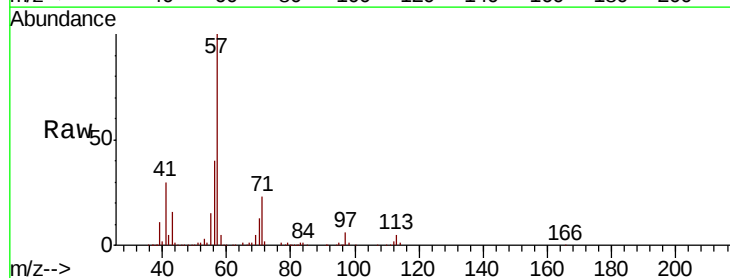
Instrument :
MSVOA_X
ClientSampleId :
ST008MW038-190701

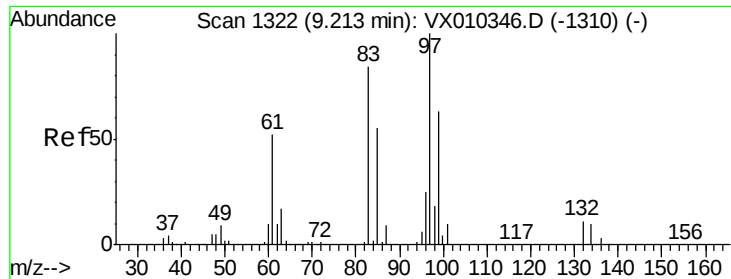
Tot Ion: 98 Resp: 446385
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 4.808 ug/l
RT: 8.68 min Scan# 1234
Delta R.T. 0.04 min
Lab File: VX010671.D
Acq: 04 Jul 2019 06:41

Tgt Ion: 43 Resp: 15381
Ion Ratio Lower Upper
43 100
58 24.1 33.5 50.3#





#55

1,1,2-Trichloroethane

Concen: 3.024 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX010671.D

Acq: 04 Jul 2019 06:41

Instrument :

MSVOA_X

ClientSampleId :

ST008MW038-190701

Tot Ion: 97 Resp: 7519

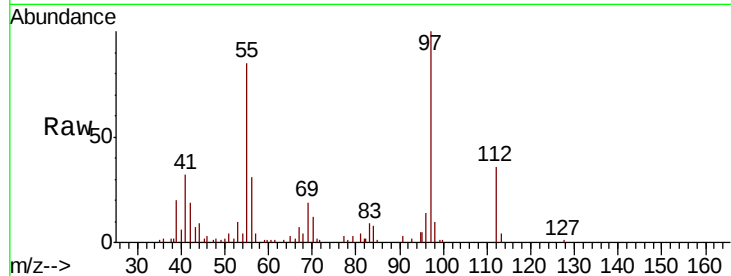
Ion Ratio Lower Upper

97 100

83 7.5 67.4 101.0#

85 1.1 43.8 65.8#

99 1.2 50.3 75.5#

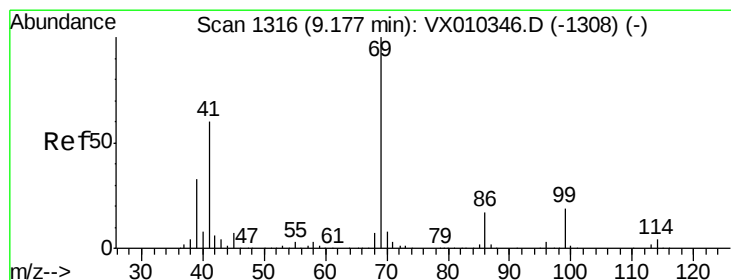
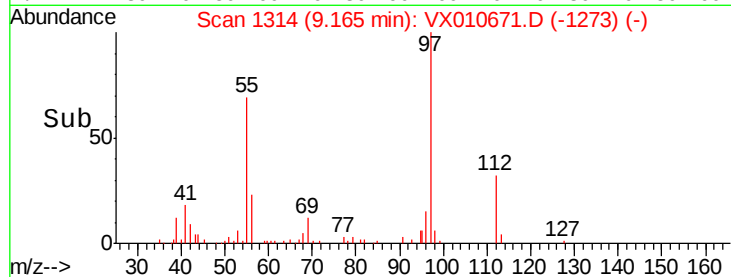
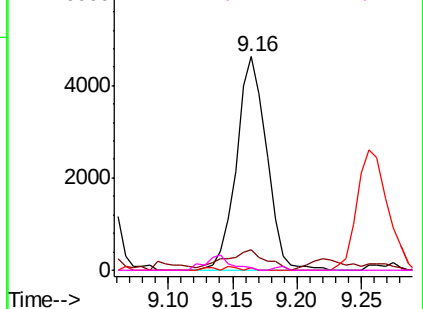


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 0.404 ug/l

RT: 9.17 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VX010671.D

Acq: 04 Jul 2019 06:41

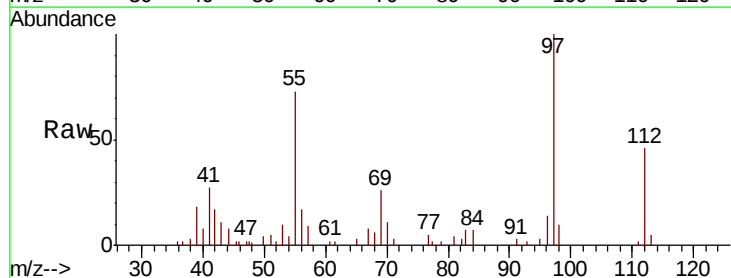
Tgt Ion: 69 Resp: 1520

Ion Ratio Lower Upper

69 100

41 183.2 47.1 70.7#

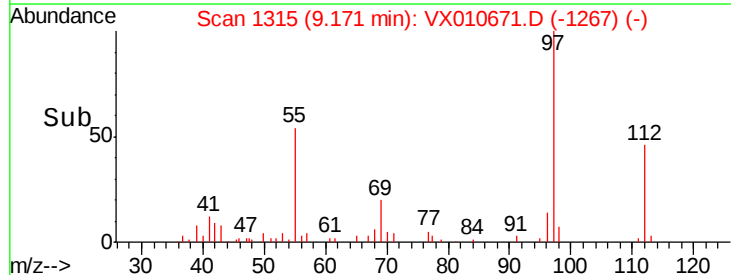
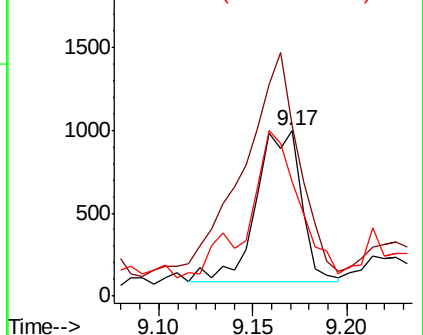
39 107.5 26.6 40.0#

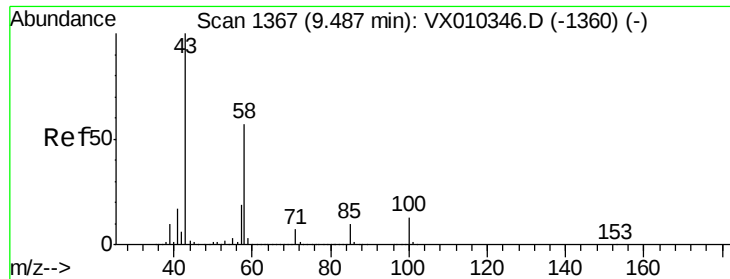


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

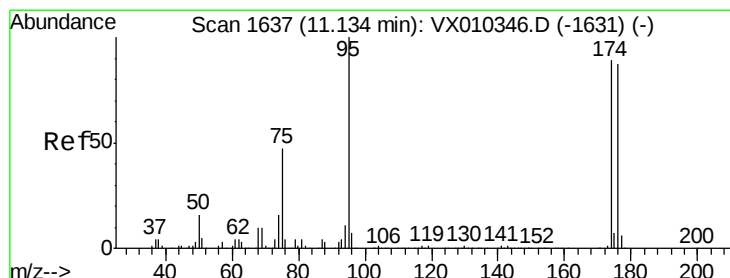
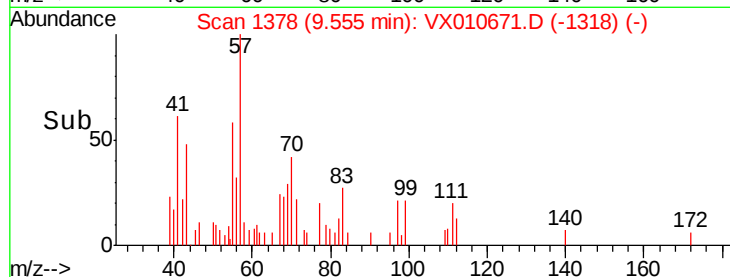
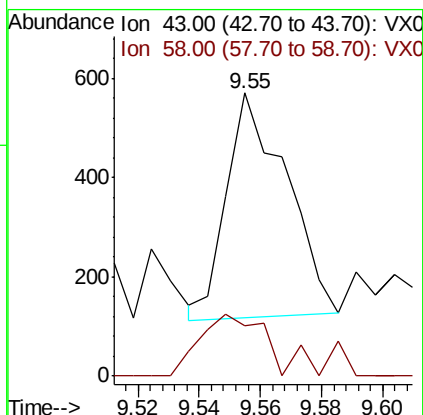
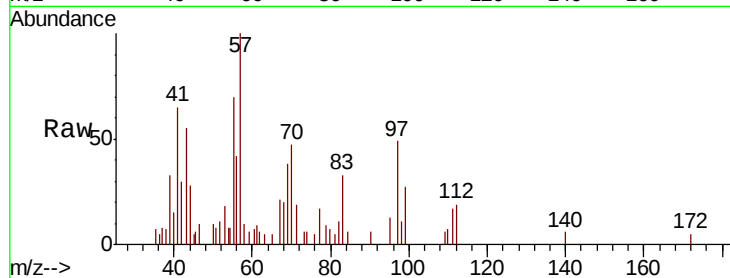




#59
2-Hexanone
Concen: 0.245 ug/l
RT: 9.55 min Scan# 1378
Delta R.T. 0.07 min
Lab File: VX010671.D
Acq: 04 Jul 2019 06:41

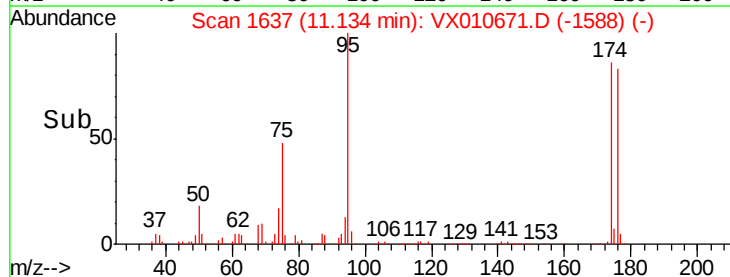
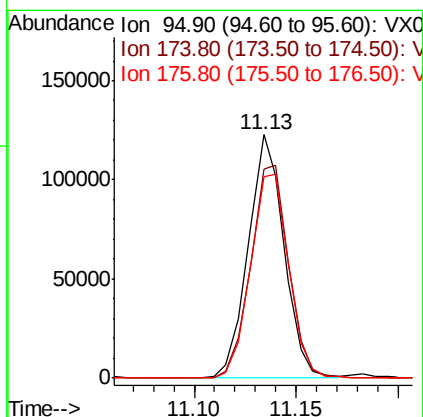
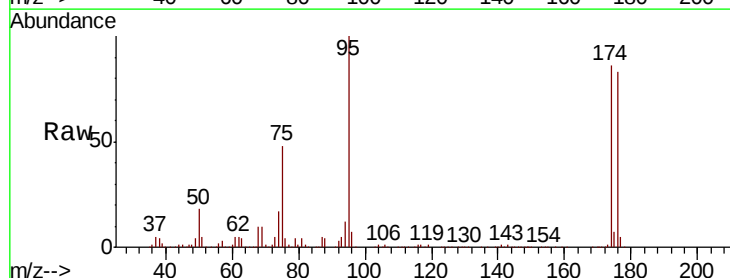
Instrument :
MSVOA_X
ClientSampleId :
ST008MW038-190701

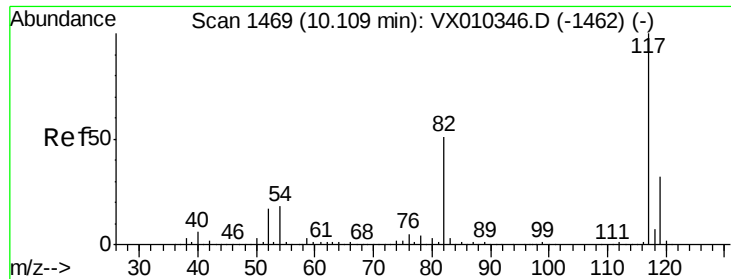
Tot Ion: 43 Resp: 616
Ion Ratio Lower Upper
43 100
58 32.1 29.0 87.1



#62
4-Bromofluorobenzene
Concen: 47.814 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010671.D
Acq: 04 Jul 2019 06:41

Tgt Ion: 95 Resp: 149433
Ion Ratio Lower Upper
95 100
174 93.0 0.0 187.6
176 90.2 0.0 184.0

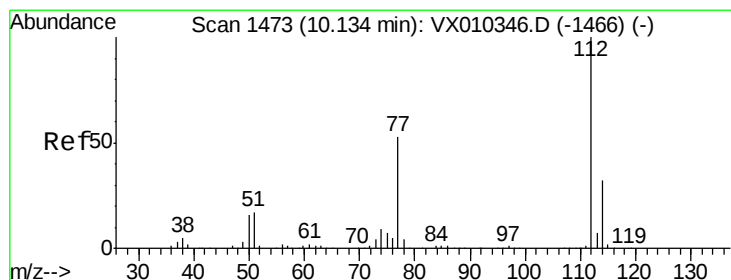
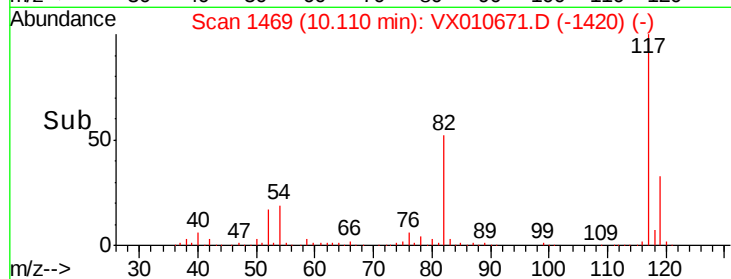
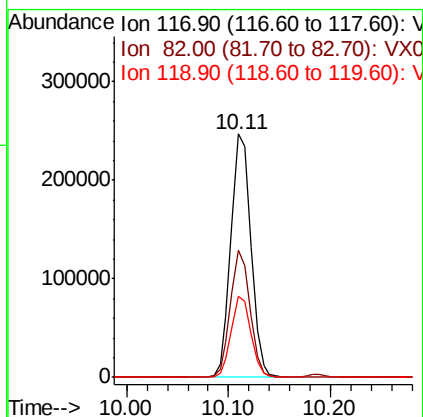
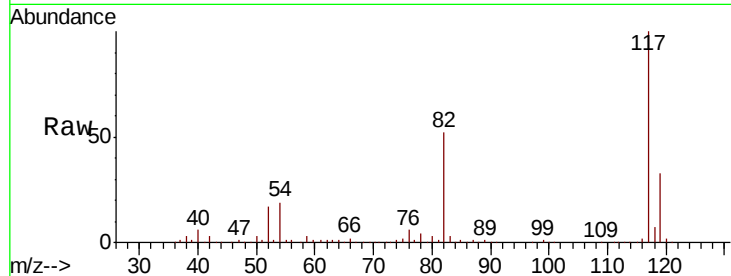




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010671.D
Acq: 04 Jul 2019 06:41

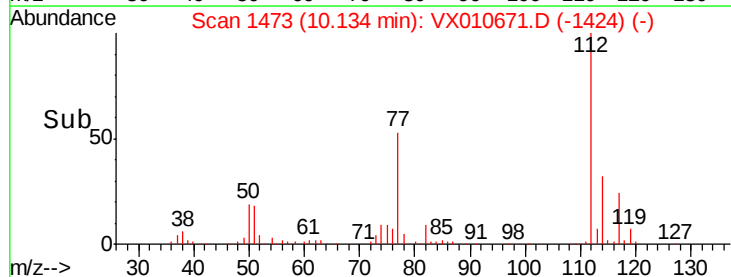
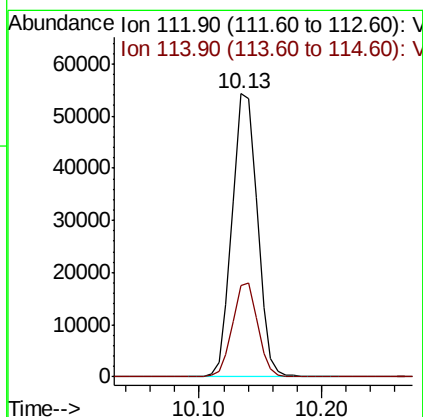
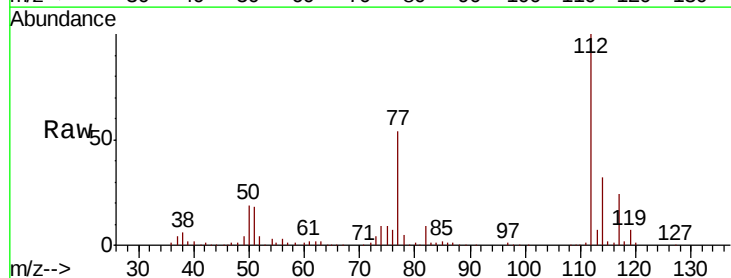
Instrument :
MSVOA_X
ClientSampleId :
ST008MW038-190701

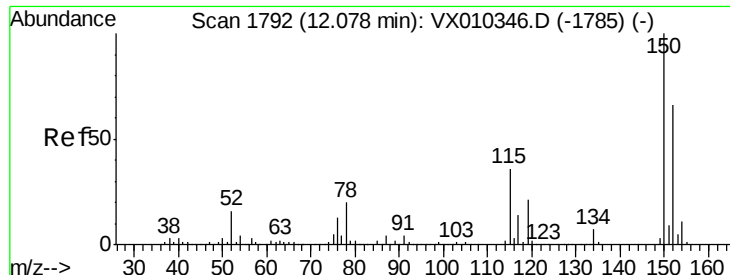
Tot Ion:117 Resp: 336047
Ion Ratio Lower Upper
117 100
82 52.2 41.2 61.8
119 33.0 25.5 38.3



#65
Chlorobenzene
Concen: 11.378 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010671.D
Acq: 04 Jul 2019 06:41

Tgt Ion:112 Resp: 77627
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010671.D

Acq: 04 Jul 2019 06:41

Instrument :

MSVOA_X

ClientSampleId :

ST008MW038-190701

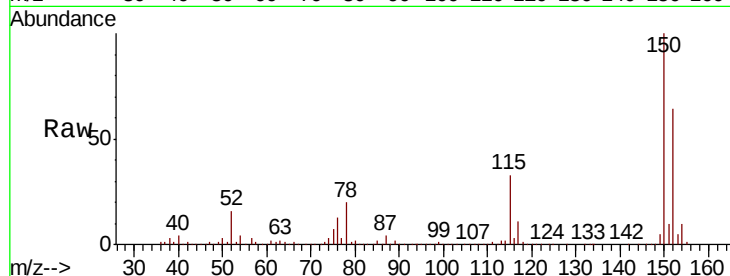
Tot Ion:152 Resp: 158625

Ion Ratio Lower Upper

152 100

115 55.1 38.6 115.7

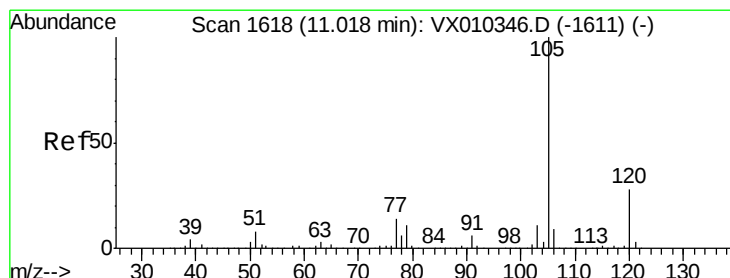
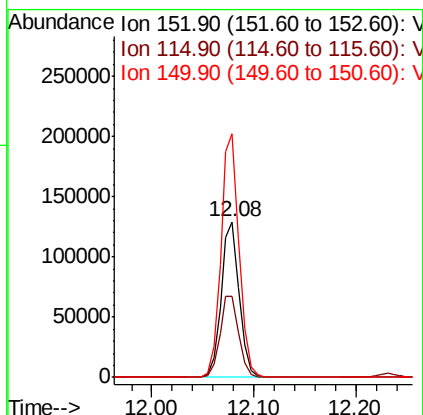
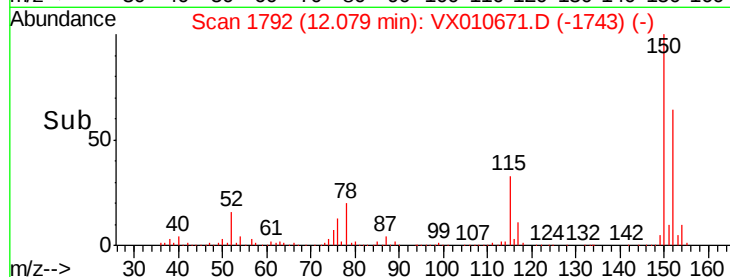
150 157.3 0.0 347.4



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: 0.567 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010671.D

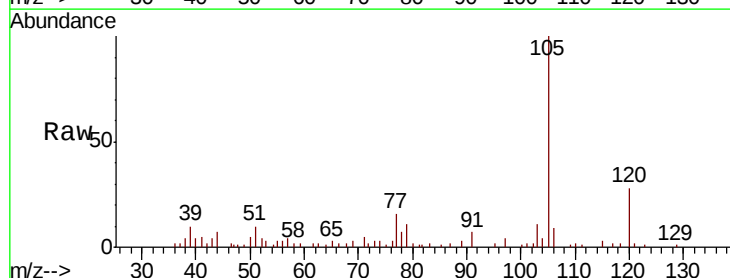
Acq: 04 Jul 2019 06:41

Tgt Ion:105 Resp: 6096

Ion Ratio Lower Upper

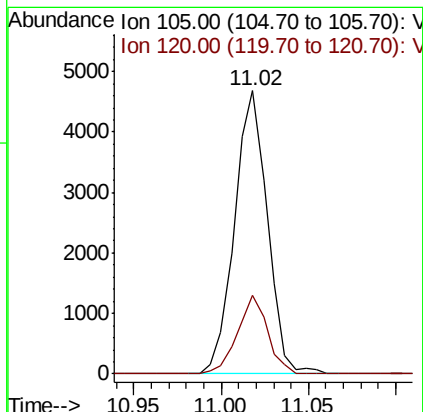
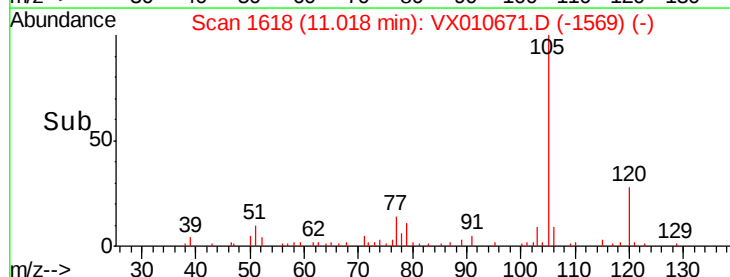
105 100

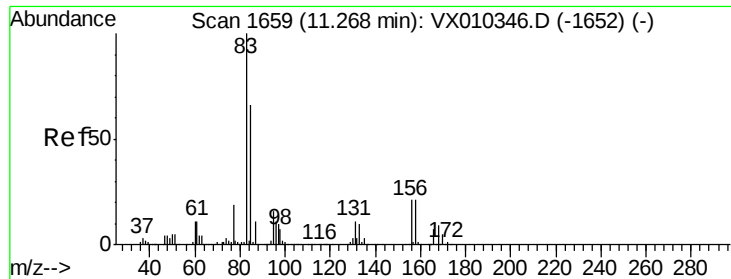
120 25.4 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 0.206 ug/l

RT: 11.28 min Scan# 1661

Delta R.T. 0.01 min

Lab File: VX010671.D

Acq: 04 Jul 2019 06:41

Instrument :

MSVOA_X

ClientSampleId :

ST008MW038-190701

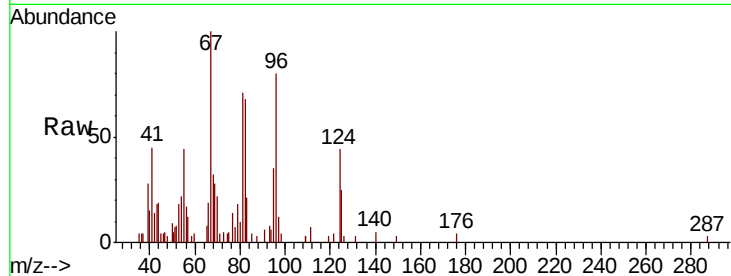
Tot Ion: 83 Resp: 733

Ion Ratio Lower Upper

83 100

131 2.6 5.5 16.4#

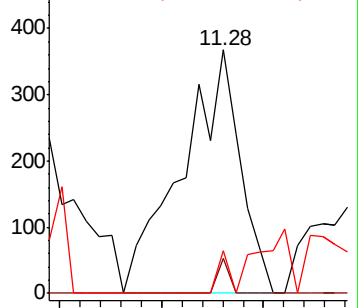
85 0.0 32.3 96.8#



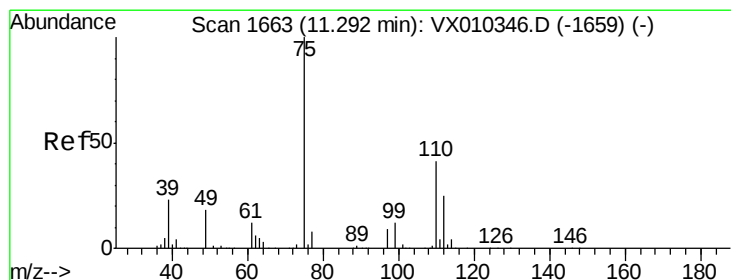
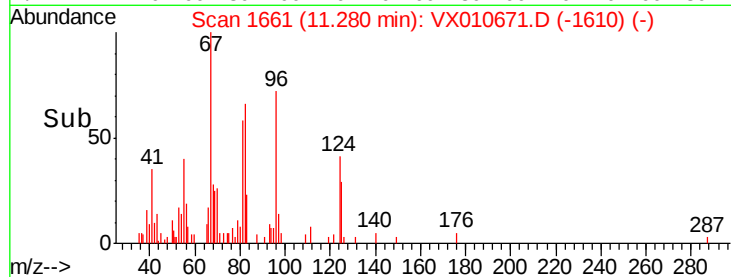
Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



Time-->



#76

1,2,3-Trichloropropane

Concen: 25.665 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010671.D

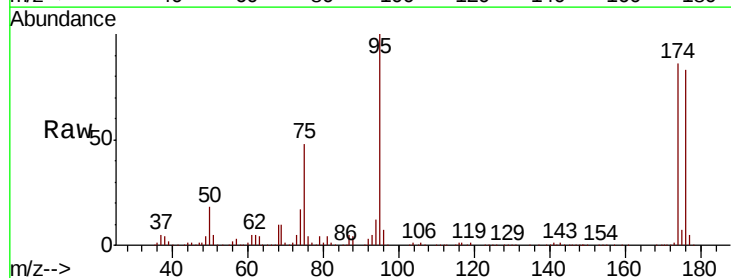
Acq: 04 Jul 2019 06:41

Tgt Ion: 75 Resp: 74185

Ion Ratio Lower Upper

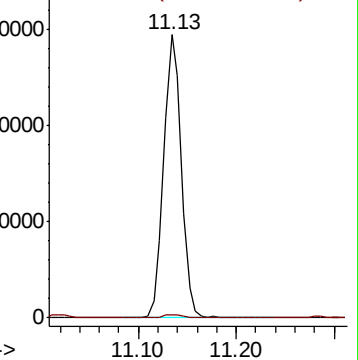
75 100

77 1.5 22.6 67.8#

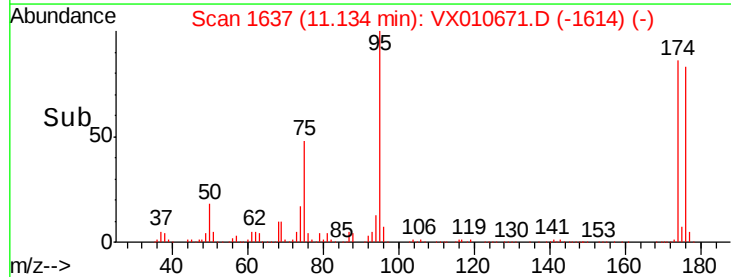


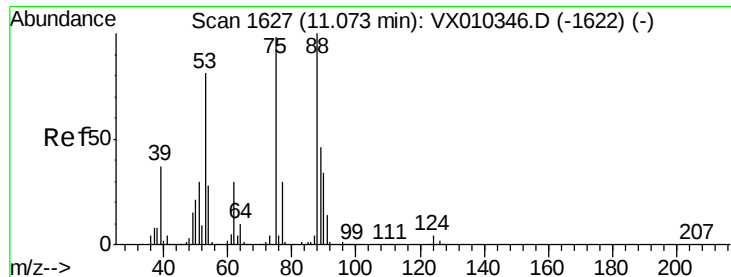
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 59.873 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010671.D

Acq: 04 Jul 2019 06:41

Instrument :

MSVOA_X

ClientSampleId :

ST008MW038-190701

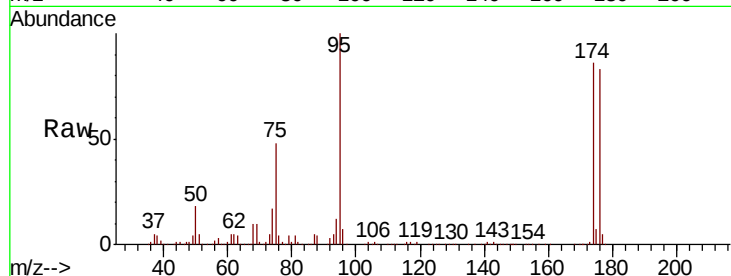
Tot Ion: 75 Resp: 74185

Ion Ratio Lower Upper

75 100

53 0.0 66.1 99.1#

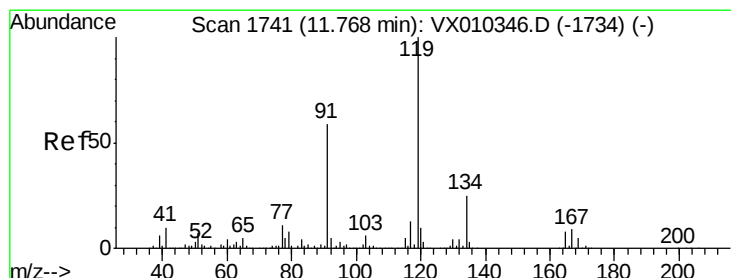
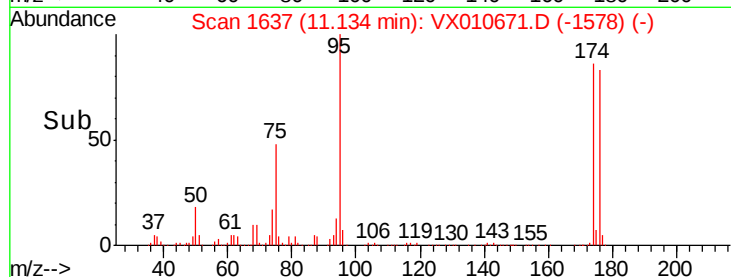
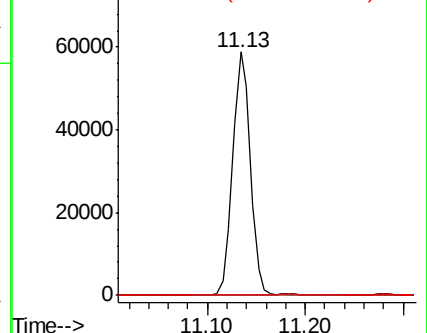
89 0.0 37.8 56.6#



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: 1.458 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010671.D

Acq: 04 Jul 2019 06:41

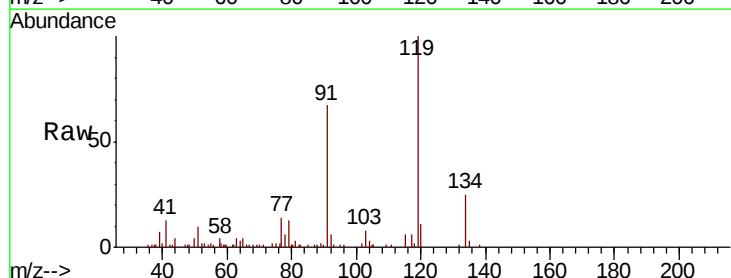
Tgt Ion: 119 Resp: 12972

Ion Ratio Lower Upper

119 100

91 68.7 27.6 82.7

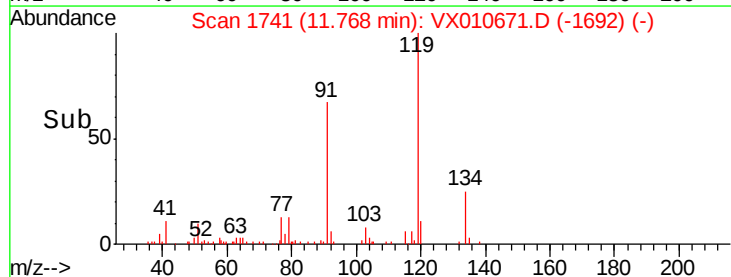
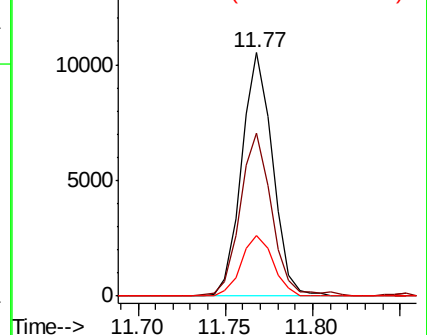
134 25.3 11.8 35.4

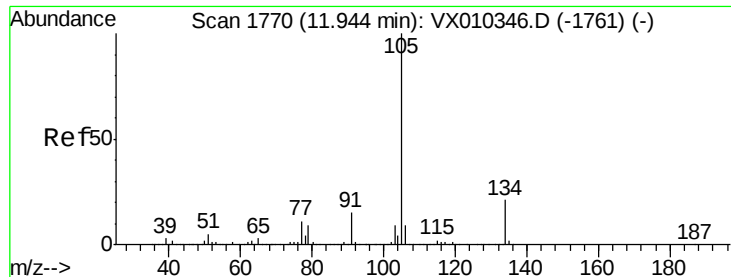


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V





#85

sec-Butylbenzene

Concen: 2.575 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010671.D

Acq: 04 Jul 2019 06:41

Instrument :

MSVOA_X

ClientSampleId :

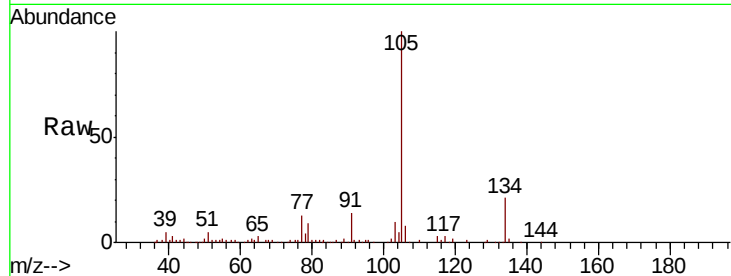
ST008MW038-190701

Tot Ion:105 Resp: 26901

Ion Ratio Lower Upper

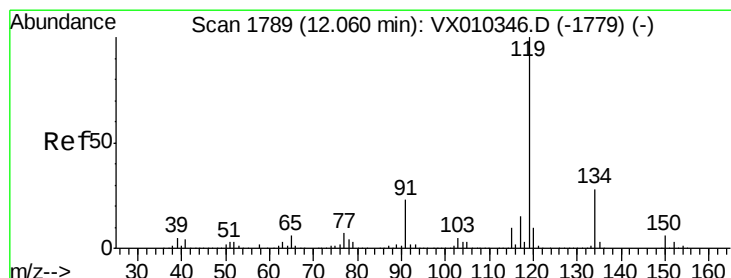
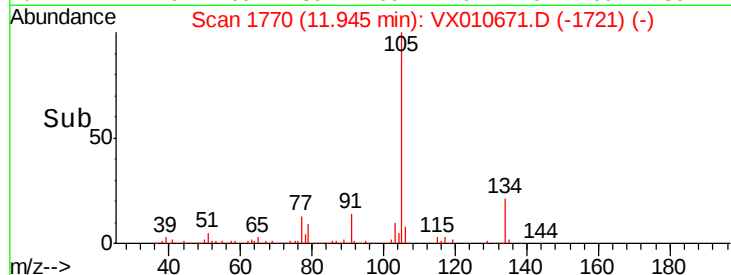
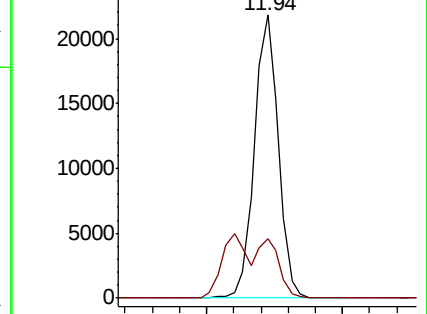
105 100

134 19.2 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: 4.724 ug/l

RT: 12.23 min Scan# 1817

Delta R.T. 0.17 min

Lab File: VX010671.D

Acq: 04 Jul 2019 06:41

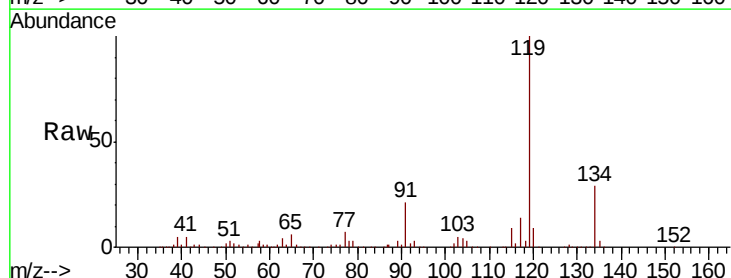
Tgt Ion:119 Resp: 45645

Ion Ratio Lower Upper

119 100

134 29.1 13.7 41.1

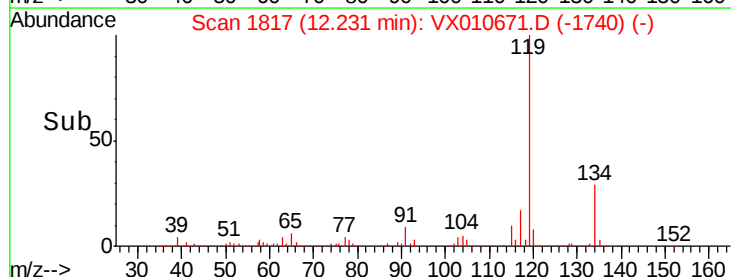
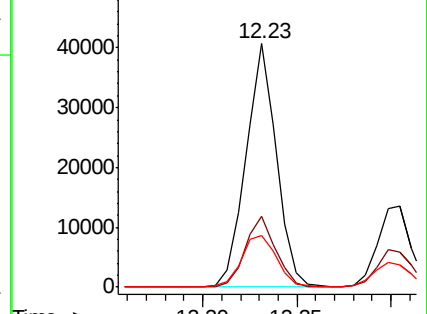
91 24.4 11.3 33.8

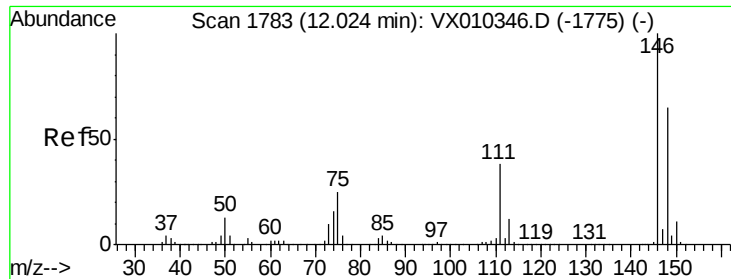


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

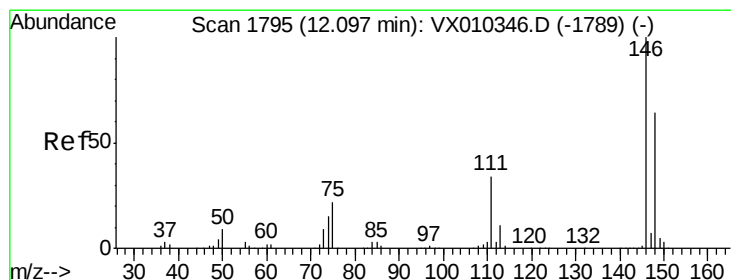
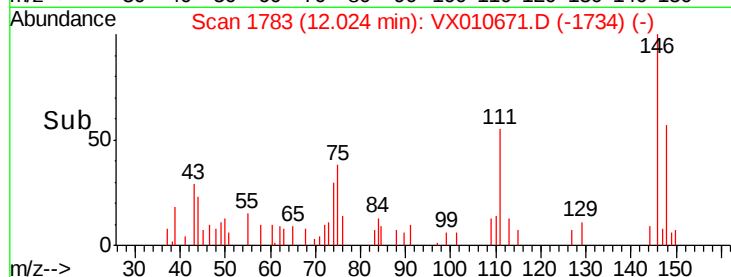
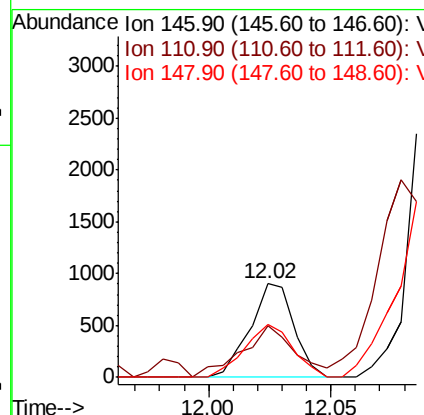
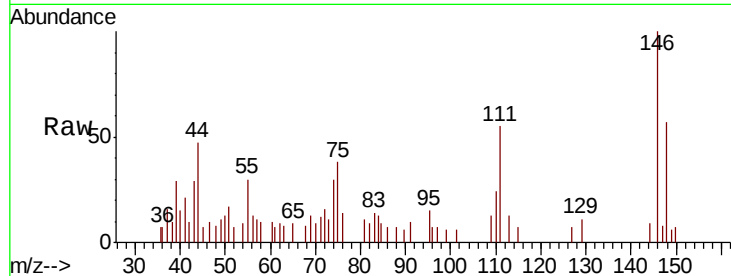




#87
 1,3-Dichlorobenzene
 Concen: 0.217 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010671.D
 Acq: 04 Jul 2019 06:41

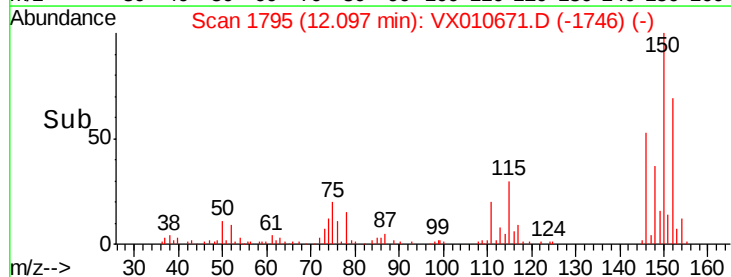
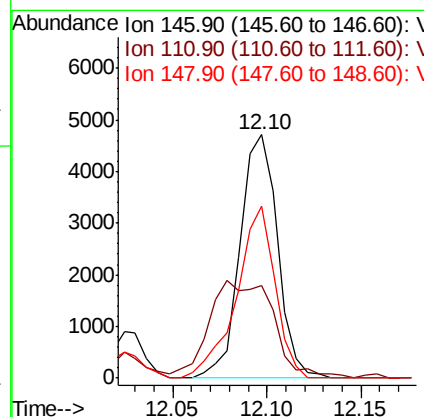
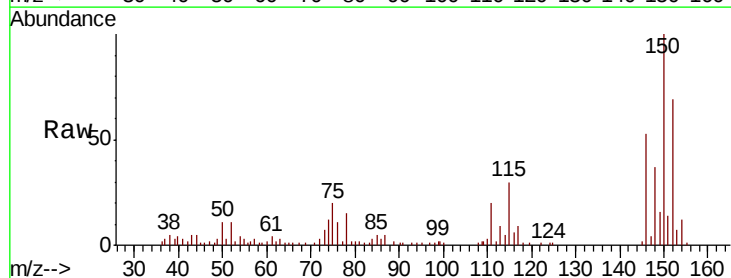
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW038-190701

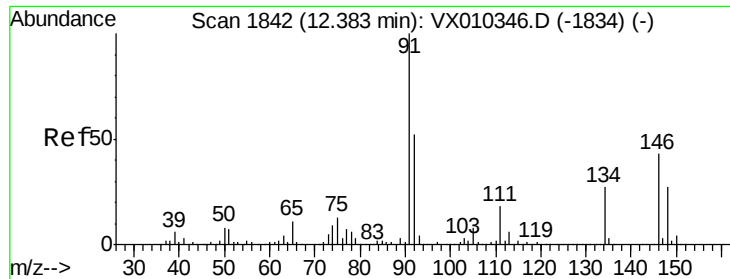
Tot Ion:146 Resp: 1138
 Ion Ratio Lower Upper
 146 100
 111 66.4 19.1 57.1#
 148 61.7 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 1.219 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010671.D
 Acq: 04 Jul 2019 06:41

Tgt Ion:146 Resp: 6504
 Ion Ratio Lower Upper
 146 100
 111 68.3 18.1 54.3#
 148 72.5 32.1 96.3





#89

n-Butylbenzene

Concen: 0.433 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX010671.D

Acq: 04 Jul 2019 06:41

Instrument :

MSVOA_X

ClientSampleId :

ST008MW038-190701

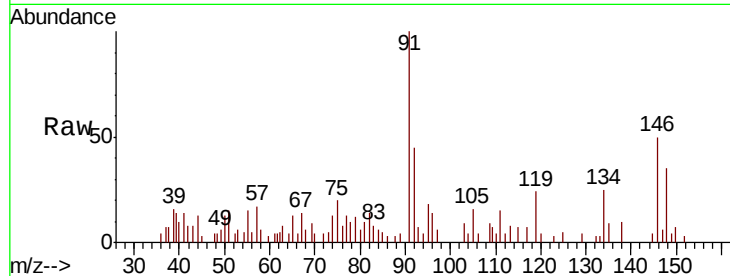
Tot Ion: 91 Resp: 3554

Ion Ratio Lower Upper

91 100

92 34.3 26.2 78.5

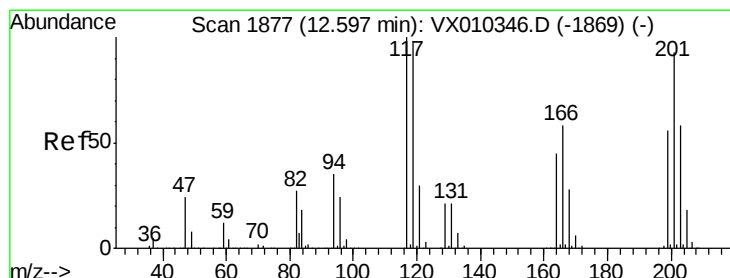
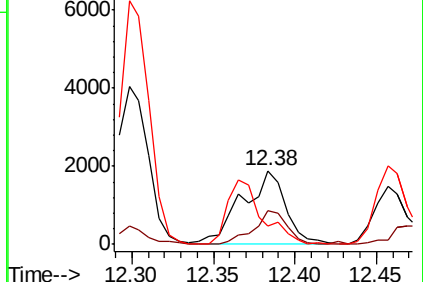
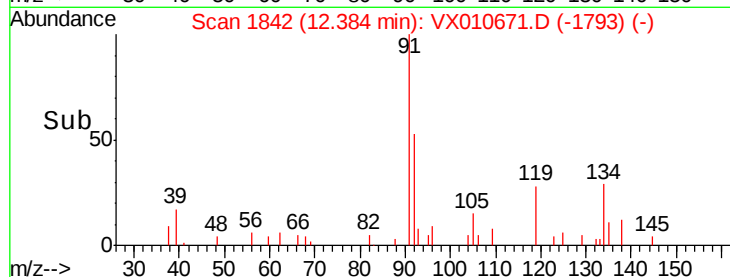
134 69.1 14.1 42.4#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 3.428 ug/l

RT: 12.66 min Scan# 1888

Delta R.T. 0.07 min

Lab File: VX010671.D

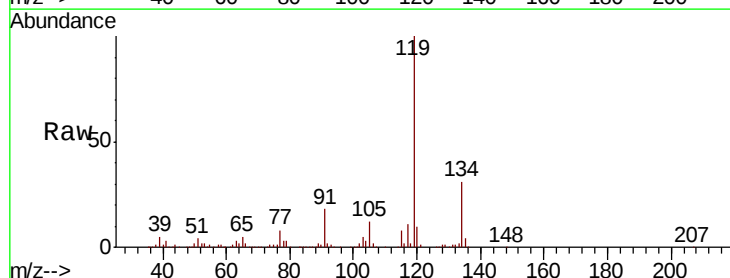
Acq: 04 Jul 2019 06:41

Tgt Ion: 117 Resp: 5728

Ion Ratio Lower Upper

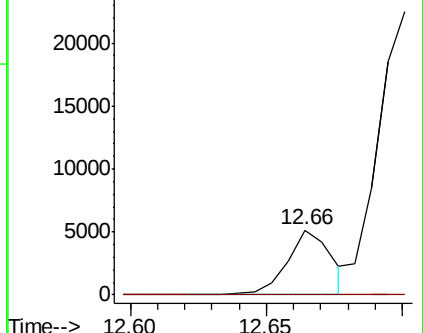
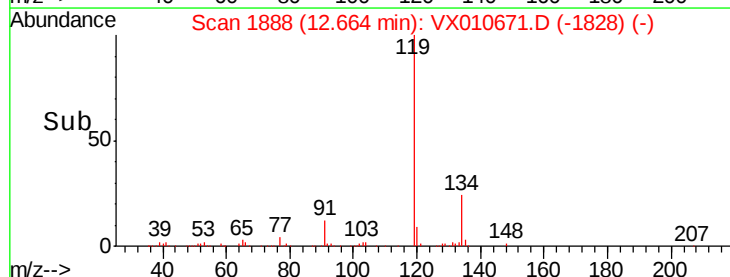
117 100

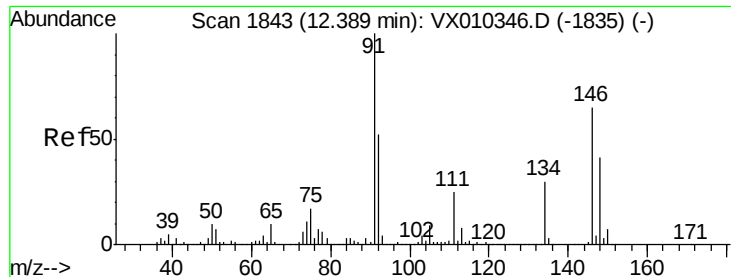
201 0.0 44.0 131.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

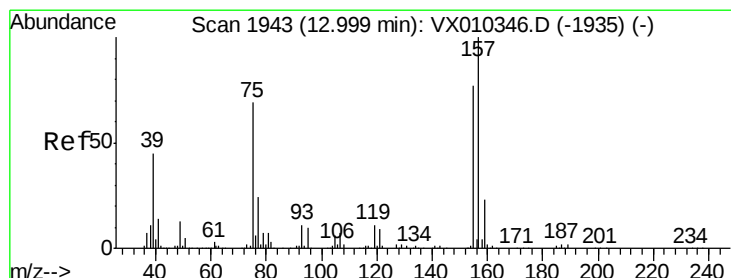
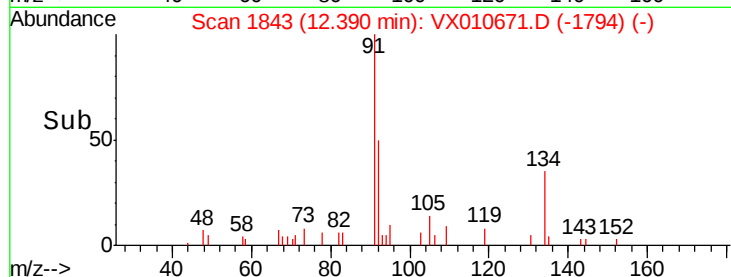
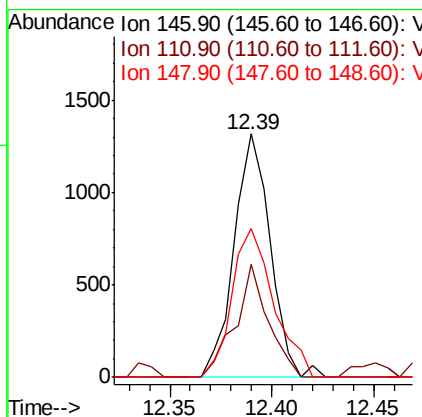
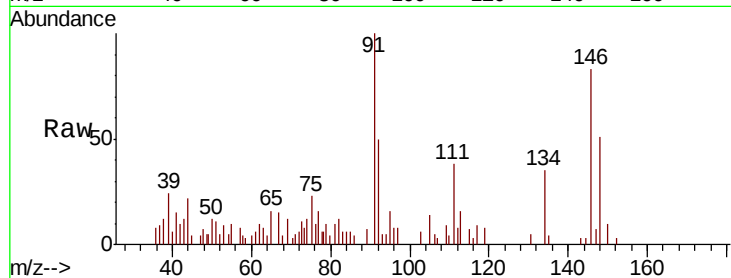




#91
 1,2-Dichlorobenzene
 Concen: 0.311 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010671.D
 Acq: 04 Jul 2019 06:41

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW038-190701

Tot Ion:146 Resp: 1619
 Ion Ratio Lower Upper
 146 100
 111 42.4 19.2 57.6
 148 70.7 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.414 ug/l
 RT: 12.96 min Scan# 1937
 Delta R.T. -0.04 min
 Lab File: VX010671.D
 Acq: 04 Jul 2019 06:41

Tgt Ion: 75 Resp: 318
 Ion Ratio Lower Upper
 75 100
 155 0.0 54.4 163.1#
 157 0.0 69.5 208.3#

