

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082019\
 Data File : VX011689.D
 Acq On : 20 Aug 2019 16:59
 Operator : JC/SP
 Sample : K4413-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TMW-02

Quant Time: Aug 20 23:24:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	398759	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	549576	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	482326	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	246226	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	201593	54.51	ug/l	0.00
Spiked Amount			Recovery	=	109.02%	
35) Dibromofluoromethane	5.49	113	166262	46.25	ug/l	0.00
Spiked Amount			Recovery	=	92.50%	
50) Toluene-d8	8.71	98	636390	56.82	ug/l	0.00
Spiked Amount			Recovery	=	113.64%	
62) 4-Bromofluorobenzene	11.13	95	221925	46.94	ug/l	0.00
Spiked Amount			Recovery	=	93.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1196	0.294	ug/l	98
10) Methyl Iodide	2.51	142	1206	0.241	ug/l #	40
11) Tert butyl alcohol	3.03	59	4142	4.566	ug/l #	93
13) Acrolein	2.31	56	115	12.576	ug/l #	15
16) Acetone	2.43	43	9429	5.071	ug/l	95
17) Carbon Disulfide	2.56	76	2372	0.296	ug/l #	72
18) Methyl Acetate	2.60	43	17270	2.995	ug/l #	52
20) Methylene Chloride	2.85	84	1183	0.303	ug/l #	70
25) 2-Butanone	4.69	43	768	0.263	ug/l #	47
27) cis-1,2-Dichloroethene	4.60	96	6551	1.560	ug/l	85
31) Cyclohexane	5.58	56	1212	0.221	ug/l #	37
36) 1,1-Dichloropropene	5.65	75	23637	5.030	ug/l #	50
38) Carbon Tetrachloride	5.66	117	35178	6.795	ug/l #	17
39) Methylcyclohexane	7.46	83	2627	0.453	ug/l	91
40) Benzene	6.14	78	8566	0.587	ug/l	96
42) 1,2-Dichloroethane	6.17	62	1319	0.261	ug/l	93
45) 1,2-Dichloropropane	7.51	63	1438	0.395	ug/l #	54
49) 1,4-Dioxane	7.77	88	357	3.213	ug/l #	63
52) Toluene	8.78	92	3234	0.348	ug/l	93
68) m/p-Xylenes	10.36	106	2281	0.346	ug/l	76
69) o-Xylene	10.69	106	3944	0.611	ug/l	95
71) Bromoform	10.86	173	61	3.307	ug/l #	28
73) Isopropylbenzene	11.02	105	6637	0.415	ug/l	92
74) N-amyl acetate	10.95	43	1879	0.277	ug/l #	59
76) 1,2,3-Trichloropropane	11.13	75	106492	22.808	ug/l #	36
78) n-propylbenzene	11.36	91	8868	0.515	ug/l	89
81) trans-1,4-Dichloro-2-buten	11.13	75	106492	60.729	ug/l #	11
84) 1,2,4-Trimethylbenzene	11.80	105	4011	0.298	ug/l	99
85) sec-Butylbenzene	11.94	105	10079	0.654	ug/l	83
86) p-Isopropyltoluene	12.23	119	3517	0.242	ug/l	88
89) n-Butylbenzene	12.38	91	5403	0.453	ug/l #	71
90) Hexachloroethane	12.66	117	2243	0.979	ug/l #	3
95) Naphthalene	13.83	128	31262	1.809	ug/l #	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082019\
Data File : VX011689.D
Acq On : 20 Aug 2019 16:59
Operator : JC/SP
Sample : K4413-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TMW-02

Quant Time: Aug 20 23:24:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration

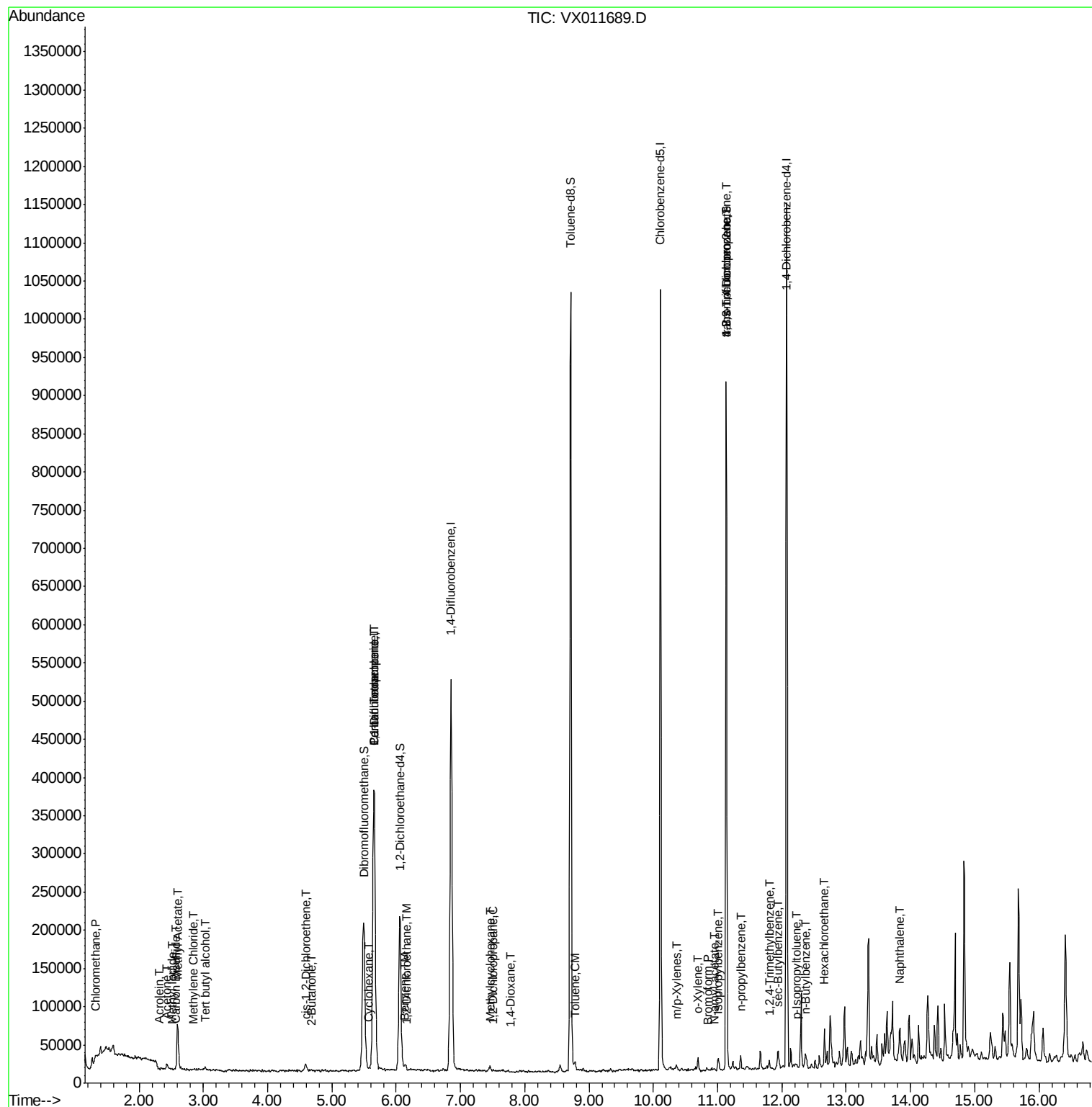
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

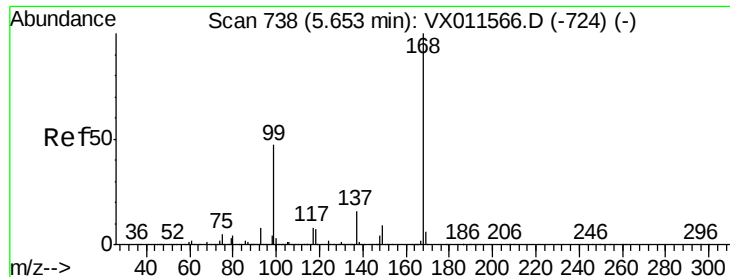
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX082019\
Data File : VX011689.D
Acq On : 20 Aug 2019 16:59
Operator : JC/SP
Sample : K4413-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TMW-02

Quant Time: Aug 20 23:24:36 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011689.D

Acq: 20 Aug 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

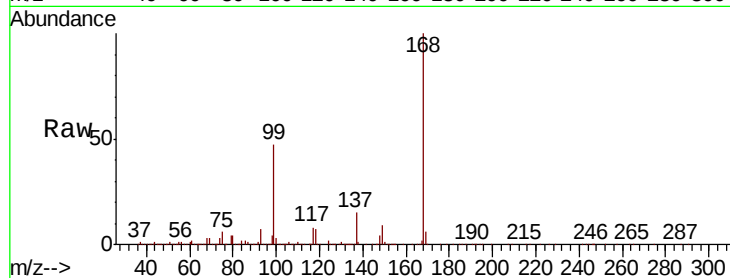
TMW-02

Tgt Ion:168 Resp: 398759

Ion Ratio Lower Upper

168 100

99 47.3 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

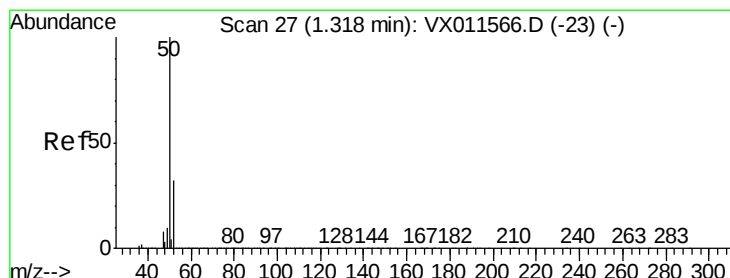
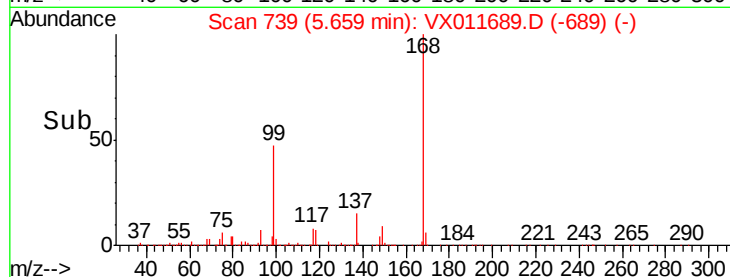
100000

50000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#3

Chloromethane

Concen: 0.294 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.00 min

Lab File: VX011689.D

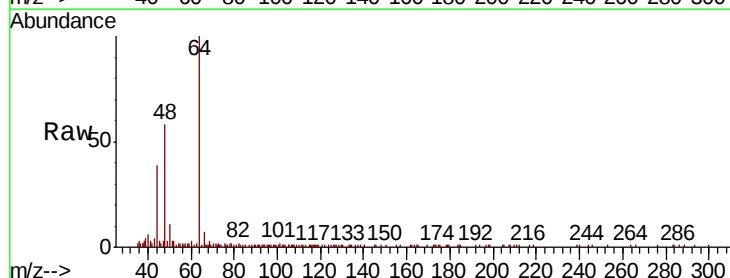
Acq: 20 Aug 2019 16:59

Tgt Ion: 50 Resp: 1196

Ion Ratio Lower Upper

50 100

52 31.5 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1000

800

600

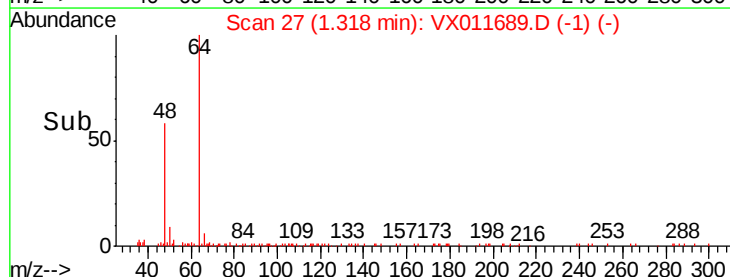
400

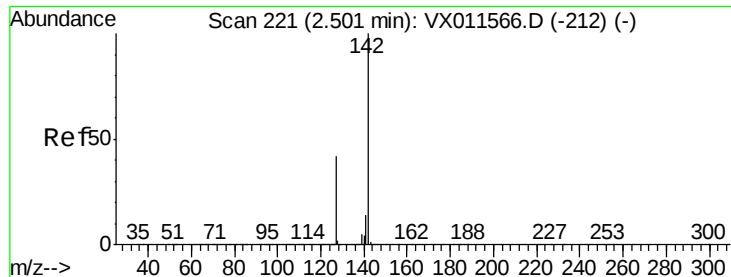
200

0

1.30 1.35

Time-->

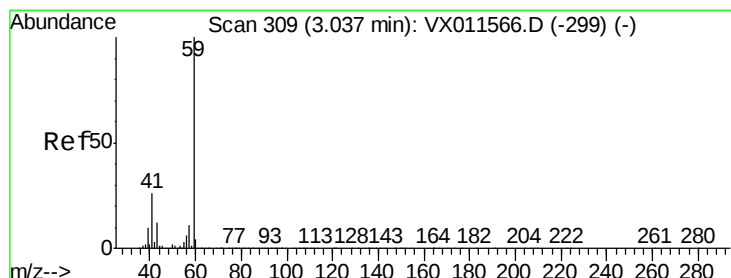
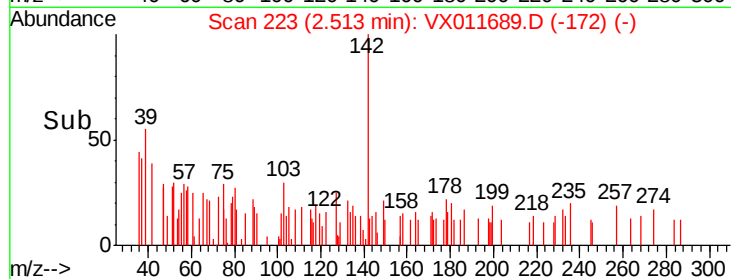
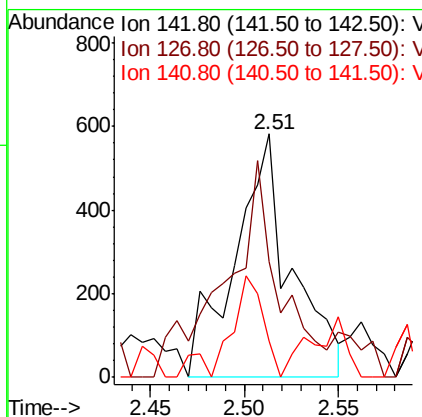
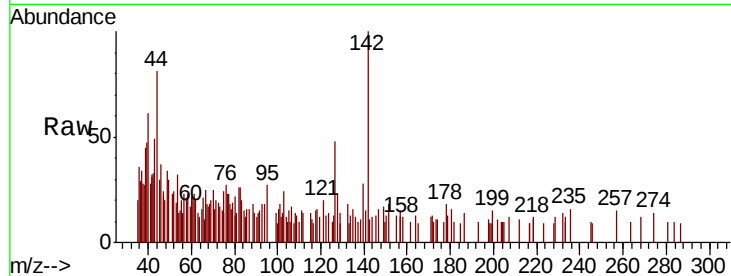




#10
Methyl Iodide
Concen: 0.241 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX011689.D
Acq: 20 Aug 2019 16:59

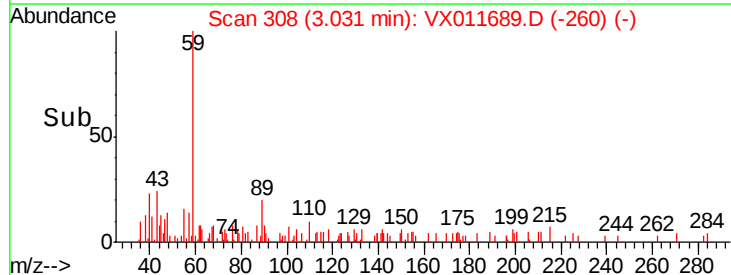
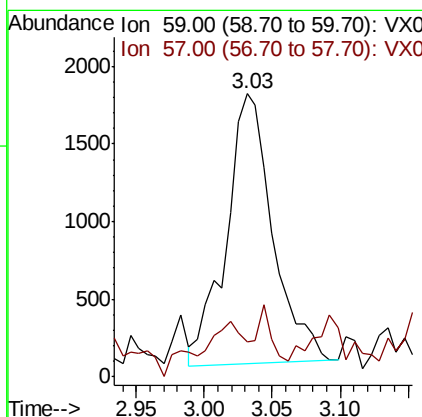
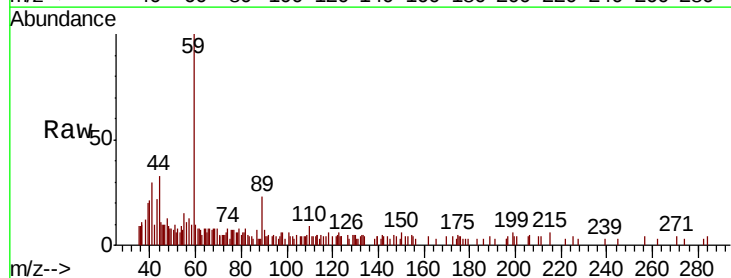
Instrument :
MSVOA_X
ClientSampleId :
TMW-02

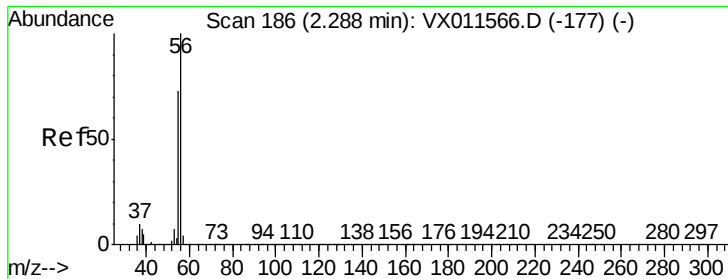
Tgt Ion:142 Resp: 1206
Ion Ratio Lower Upper
142 100
127 85.7 32.8 49.2#
141 25.4 11.4 17.2#



#11
Tert butyl alcohol
Concen: 4.566 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.01 min
Lab File: VX011689.D
Acq: 20 Aug 2019 16:59

Tgt Ion: 59 Resp: 4142
Ion Ratio Lower Upper
59 100
57 8.3 8.7 13.1#

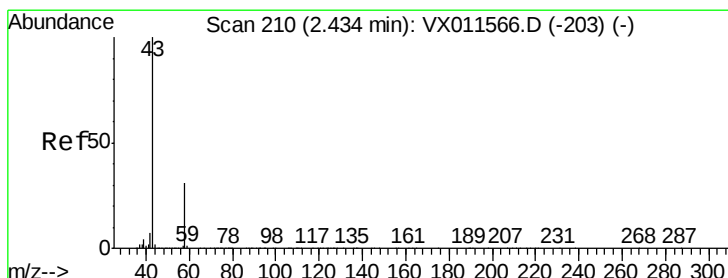
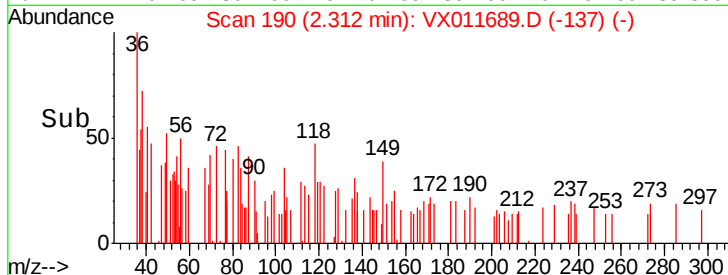
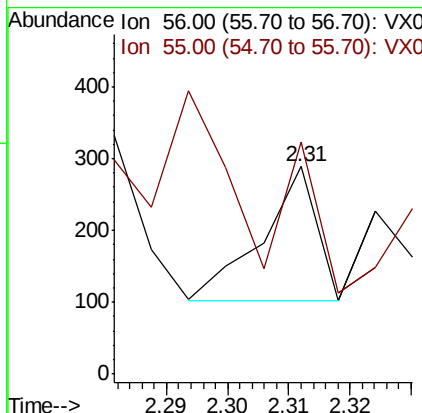
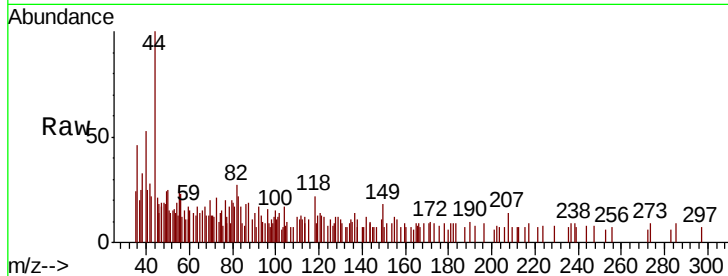




#13
Acrolein
Concen: 12.576 ug/l
RT: 2.31 min Scan# 190
Delta R.T. 0.02 min
Lab File: VX011689.D
Acq: 20 Aug 2019 16:59

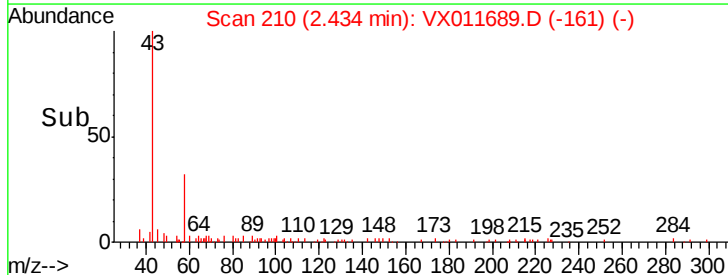
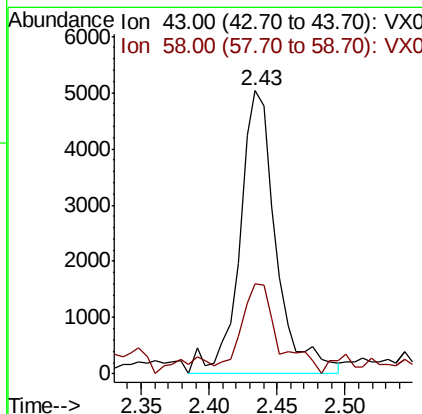
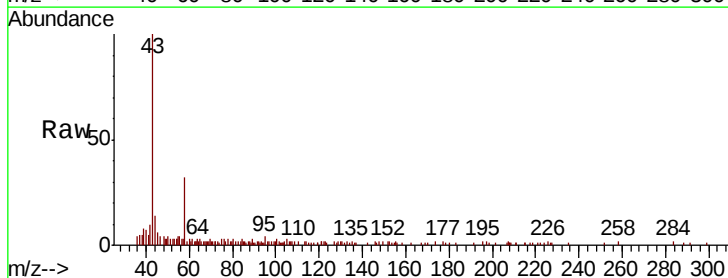
Instrument :
MSVOA_X
ClientSampleId :
TMW-02

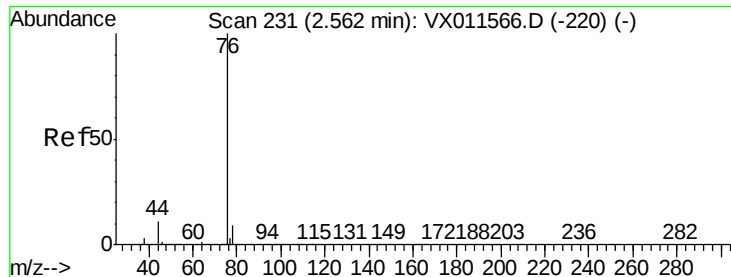
Tgt Ion: 56 Resp: 115
Ion Ratio Lower Upper
56 100
55 0.0 55.5 83.3#



#16
Acetone
Concen: 5.071 ug/l
RT: 2.43 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX011689.D
Acq: 20 Aug 2019 16:59

Tgt Ion: 43 Resp: 9429
Ion Ratio Lower Upper
43 100
58 28.5 25.2 37.8

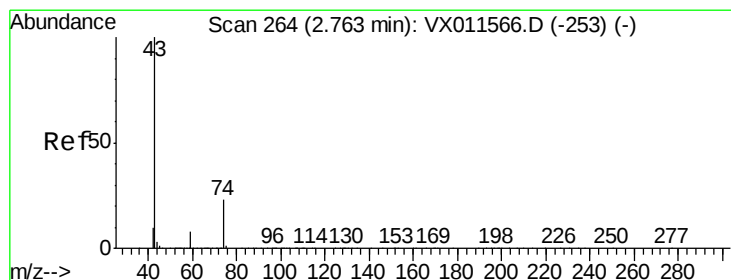
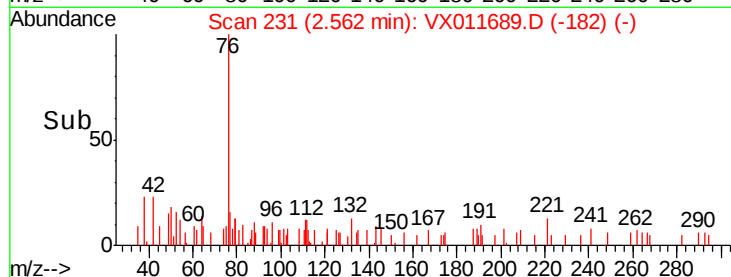
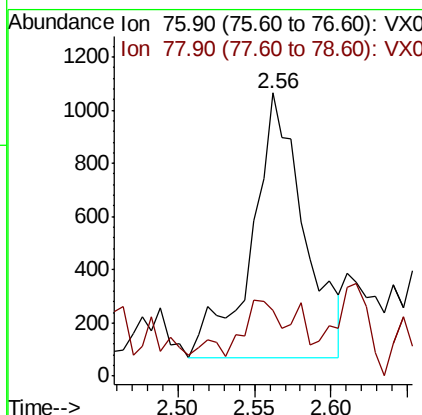
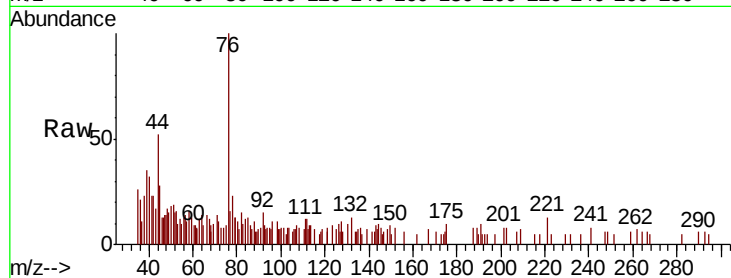




#17
Carbon Disulfide
Concen: 0.296 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.00 min
Lab File: VX011689.D
Acq: 20 Aug 2019 16:59

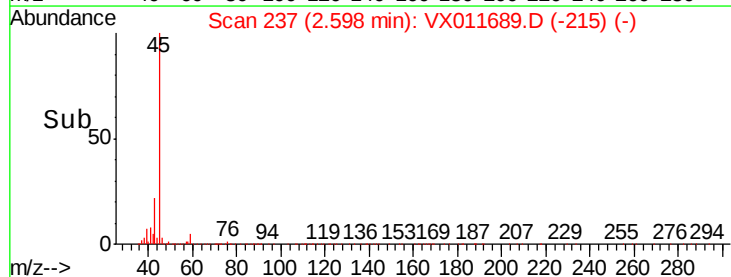
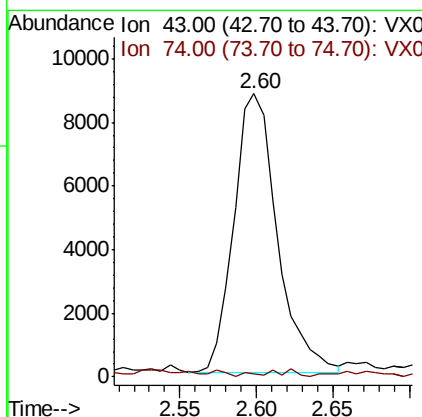
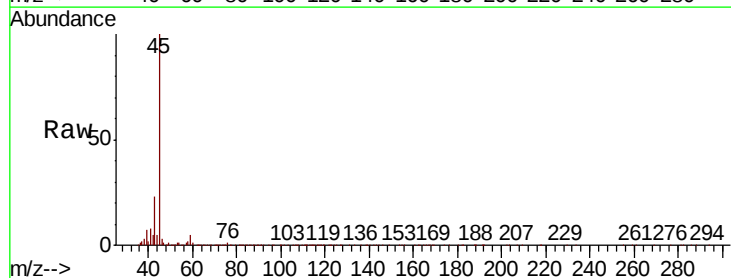
Instrument :
MSVOA_X
ClientSampleId :
TMW-02

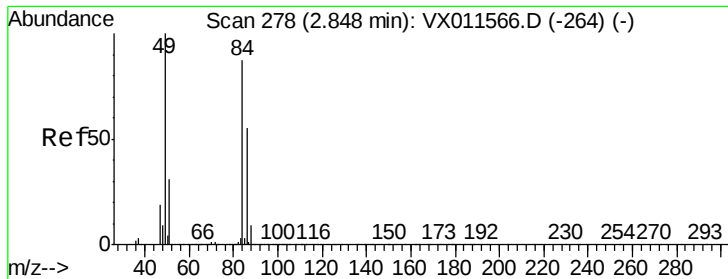
Tgt Ion: 76 Resp: 2372
Ion Ratio Lower Upper
76 100
78 19.2 7.2 10.8#



#18
Methyl Acetate
Concen: 2.995 ug/l
RT: 2.60 min Scan# 237
Delta R.T. -0.16 min
Lab File: VX011689.D
Acq: 20 Aug 2019 16:59

Tgt Ion: 43 Resp: 17270
Ion Ratio Lower Upper
43 100
74 0.7 19.7 29.5#

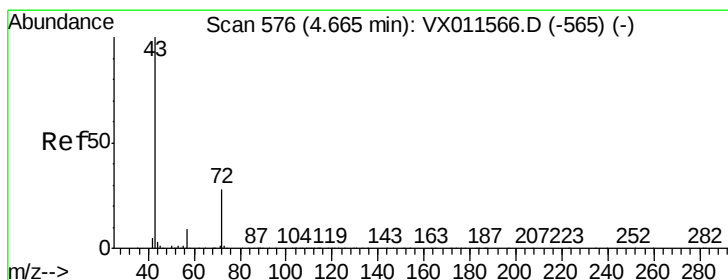
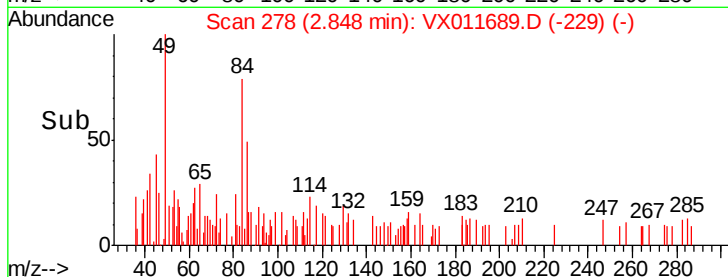
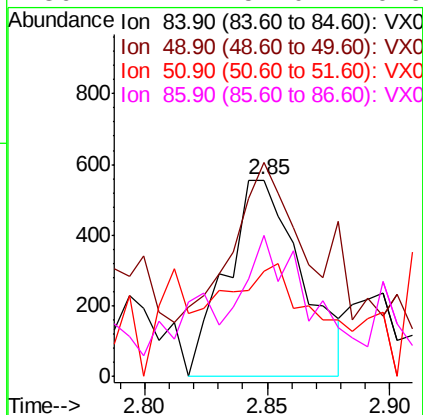
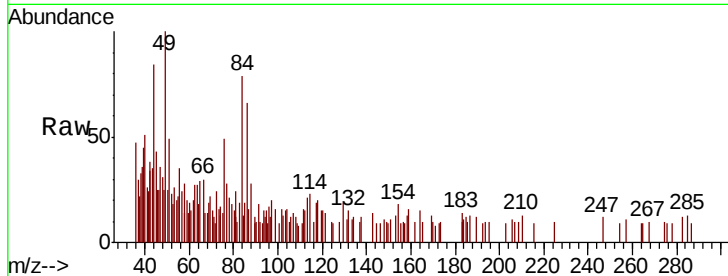




#20
Methylene Chloride
Concen: 0.303 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.00 min
Lab File: VX011689.D
Acq: 20 Aug 2019 16:59

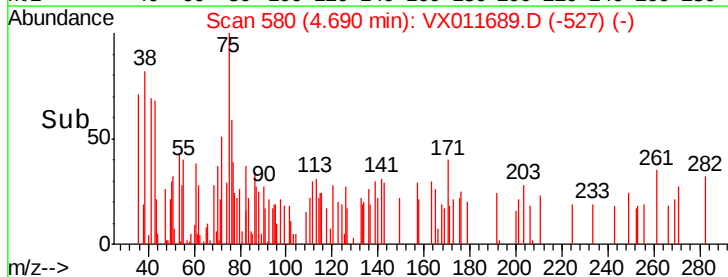
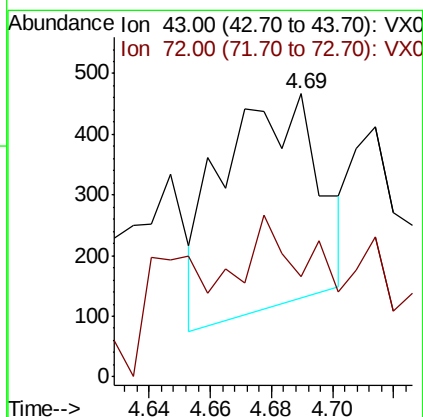
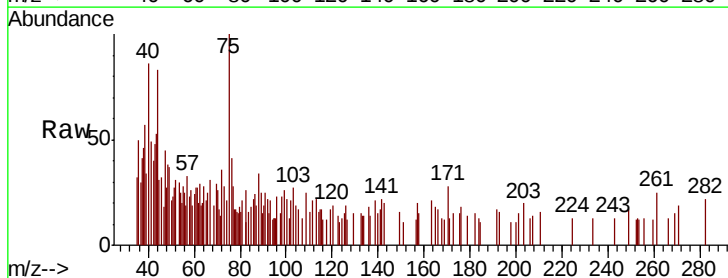
Instrument :
MSVOA_X
ClientSampleId :
TMW-02

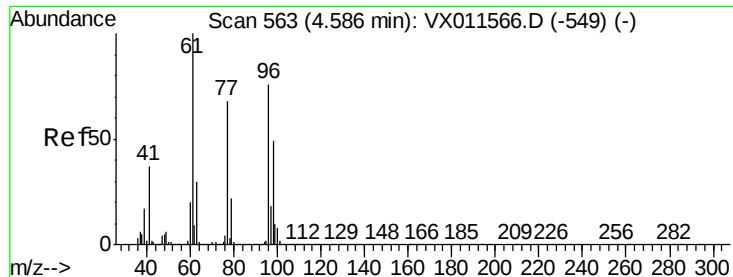
Tgt Ion:	84	Resp:	1183
Ion	Ratio	Lower	Upper
84	100		
49	73.9	92.4	138.6#
51	24.5	28.5	42.7#
86	47.2	51.0	76.6#



#25
2-Butanone
Concen: 0.263 ug/l
RT: 4.69 min Scan# 580
Delta R.T. 0.02 min
Lab File: VX011689.D
Acq: 20 Aug 2019 16:59

Tgt Ion:	43	Resp:	768
Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.2	33.4#



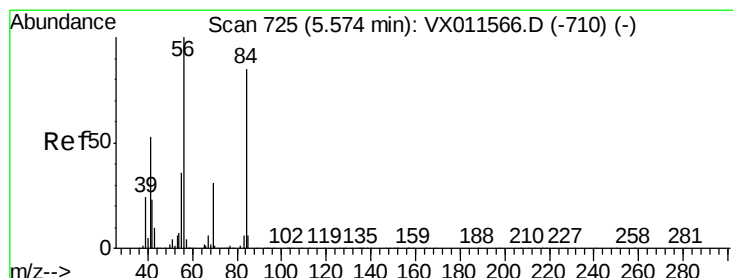
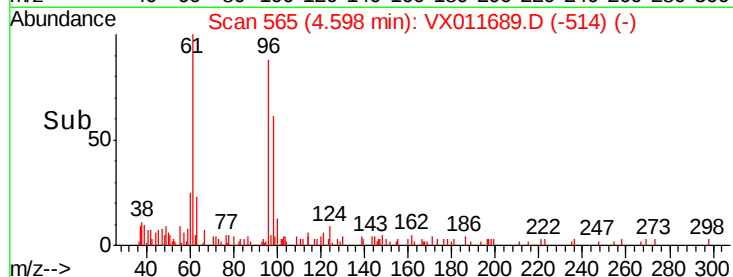
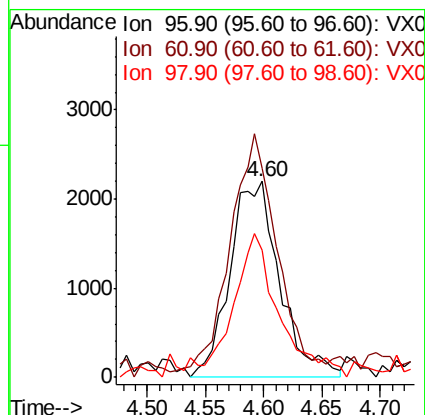
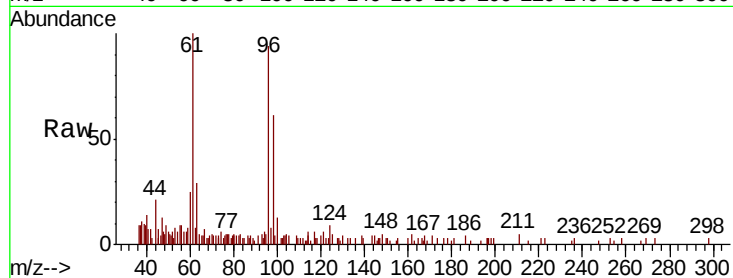


#27

cis-1,2-Dichloroethene
 Concen: 1.560 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX011689.D
 Acq: 20 Aug 2019 16:59

Instrument :
 MSVOA_X
 ClientSampleId :
 TMW-02

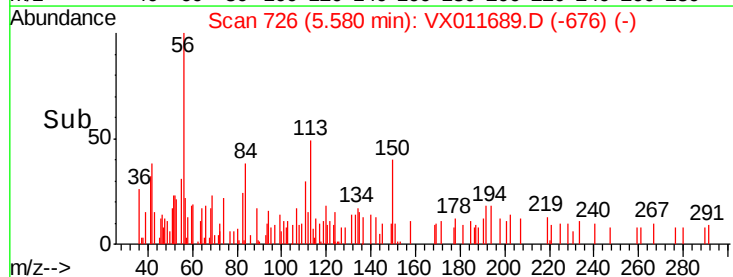
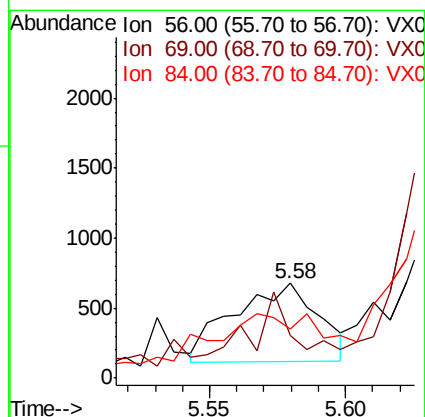
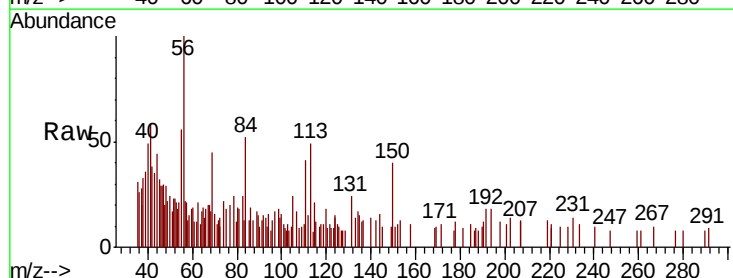
Tgt Ion	Ratio	Lower	Upper
96	100		
61	113.2	0.0	272.6
98	68.6	0.0	129.4

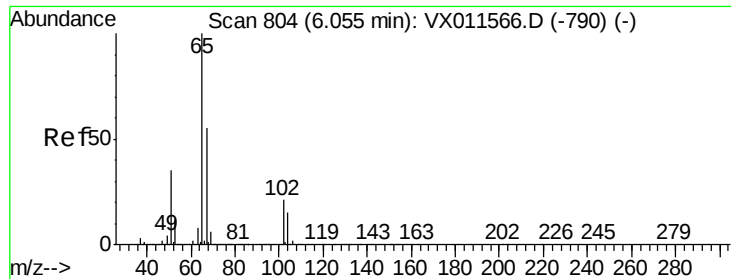


#31

Cyclohexane
 Concen: 0.221 ug/l
 RT: 5.58 min Scan# 726
 Delta R.T. 0.01 min
 Lab File: VX011689.D
 Acq: 20 Aug 2019 16:59

Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.7	24.8	37.2
84	6.6	67.9	101.9#





#33

1,2-Dichloroethane-d4

Concen: 54.515 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX011689.D

Acq: 20 Aug 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

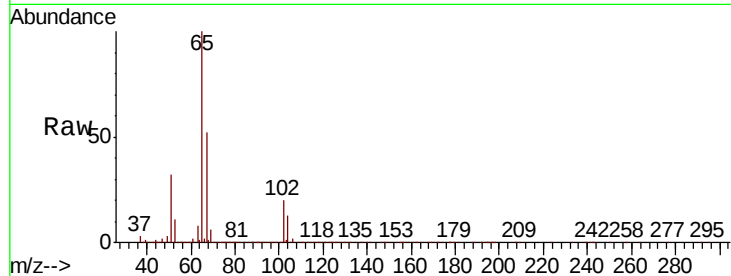
TMW-02

Tgt Ion: 65 Resp: 201593

Ion Ratio Lower Upper

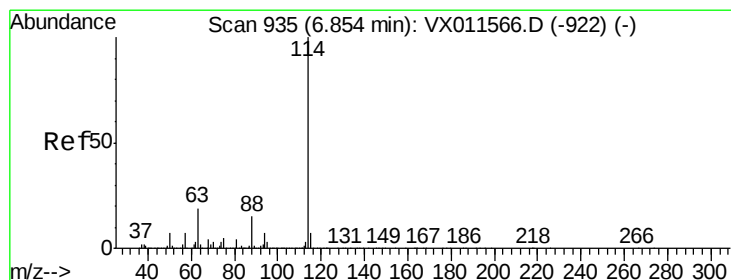
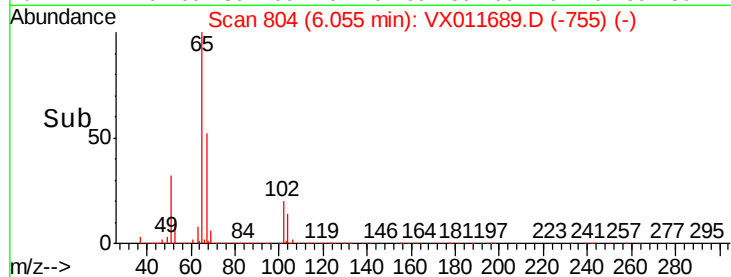
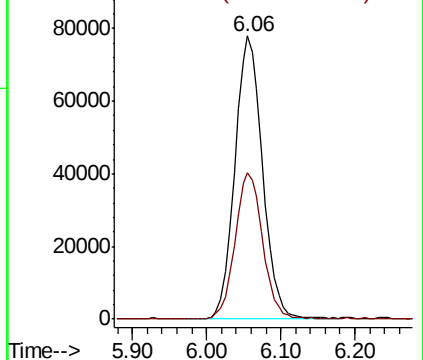
65 100

67 52.1 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.00 min

Lab File: VX011689.D

Acq: 20 Aug 2019 16:59

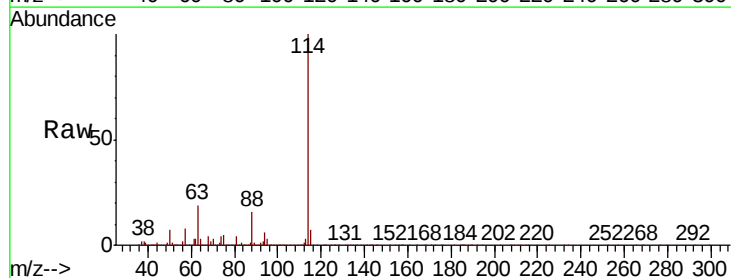
Tgt Ion: 114 Resp: 549576

Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.8

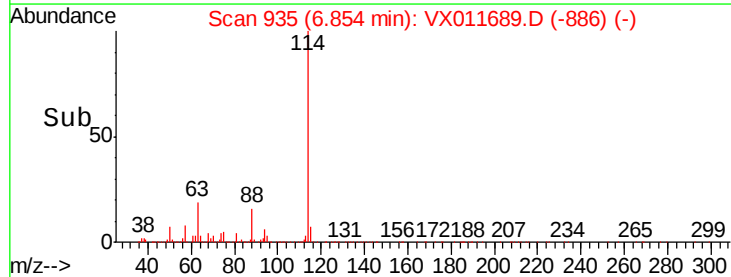
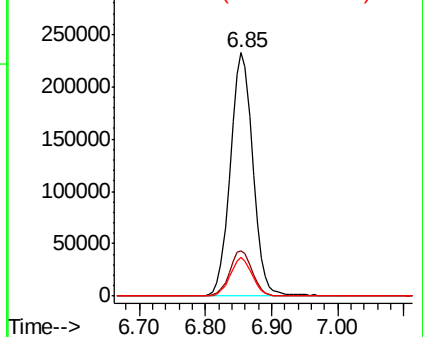
88 15.7 0.0 30.2

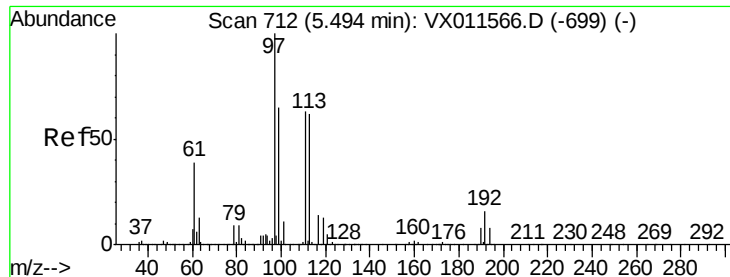


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.254 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX011689.D

Acq: 20 Aug 2019 16:59

Instrument :
MSVOA_X
ClientSampleId :
TMW-02

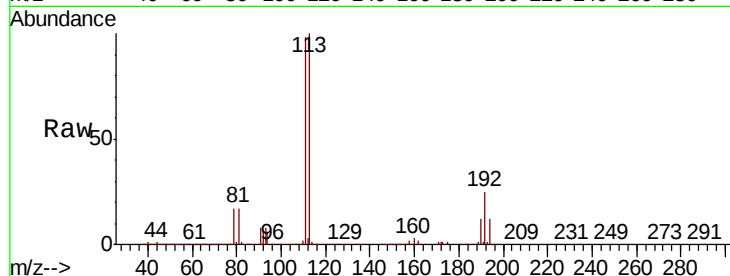
Tgt Ion:113 Resp: 166262

Ion Ratio Lower Upper

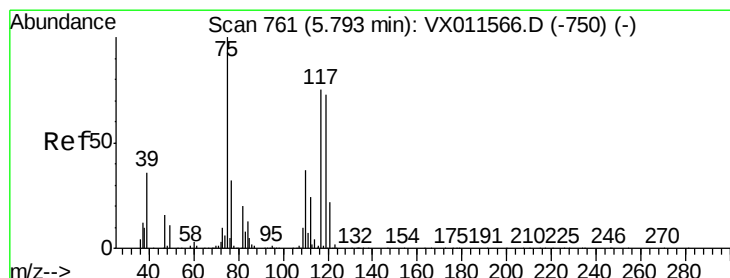
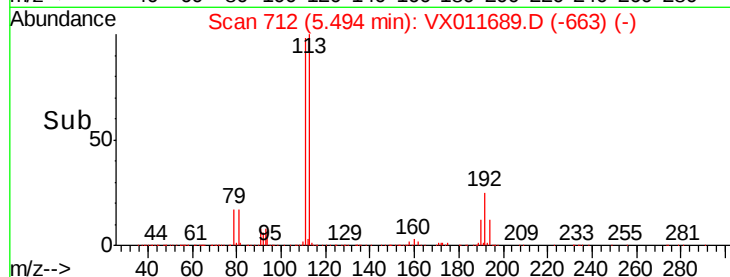
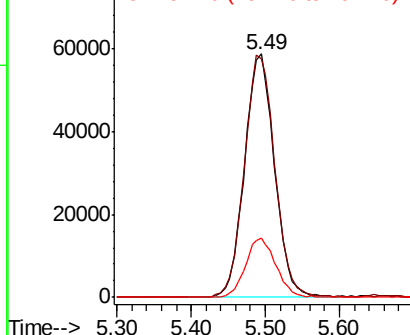
113 100

111 100.9 81.1 121.7

192 24.7 20.8 31.2



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.030 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.14 min

Lab File: VX011689.D

Acq: 20 Aug 2019 16:59

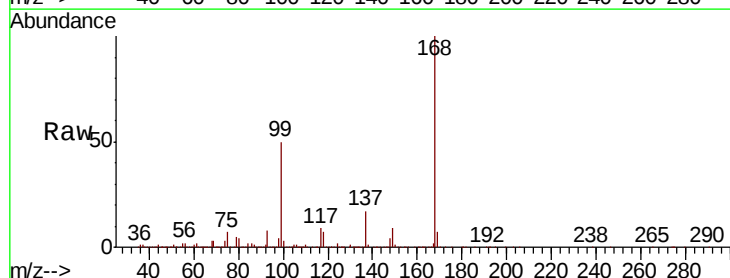
Tgt Ion: 75 Resp: 23637

Ion Ratio Lower Upper

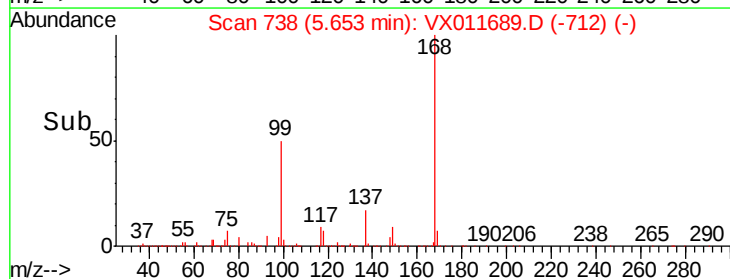
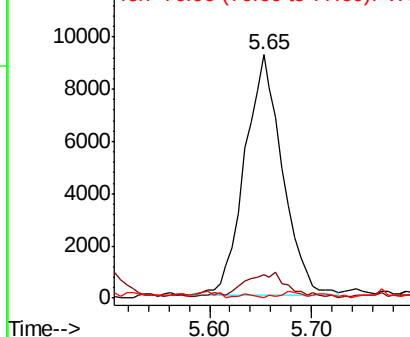
75 100

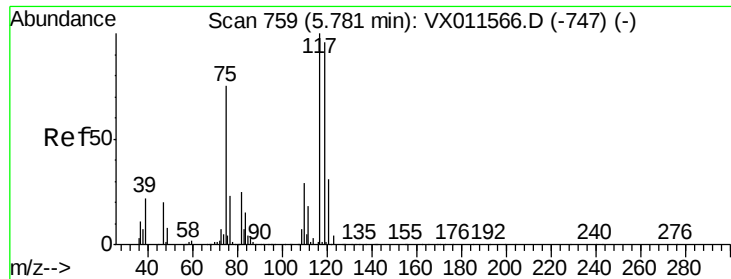
110 12.1 19.4 58.1#

77 0.0 25.1 37.7#



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: 6.795 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX011689.D

Acq: 20 Aug 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

TMW-02

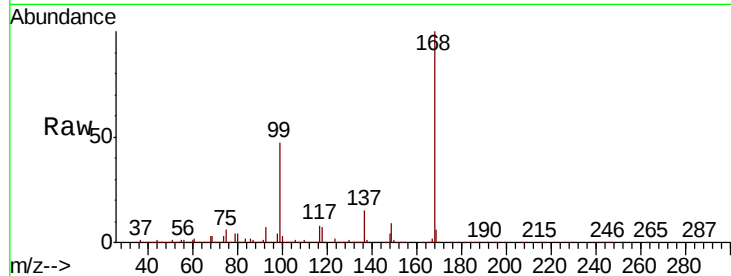
Tgt Ion:117 Resp: 35178

Ion Ratio Lower Upper

117 100

119 6.0 76.9 115.3#

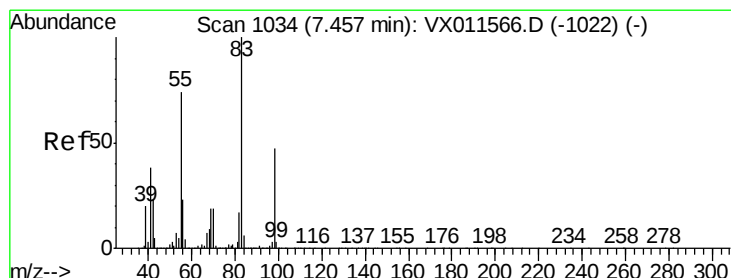
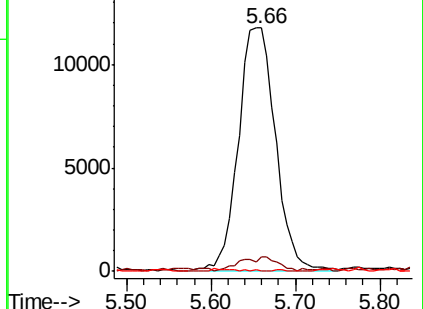
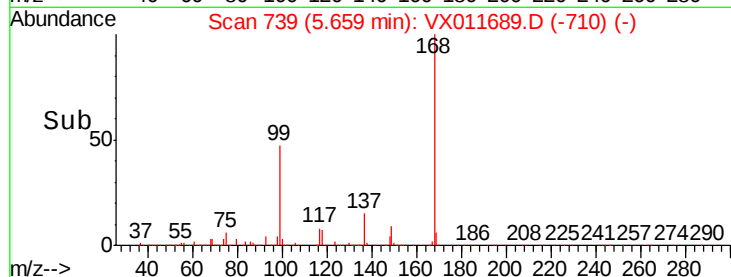
121 0.0 24.8 37.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 0.453 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VX011689.D

Acq: 20 Aug 2019 16:59

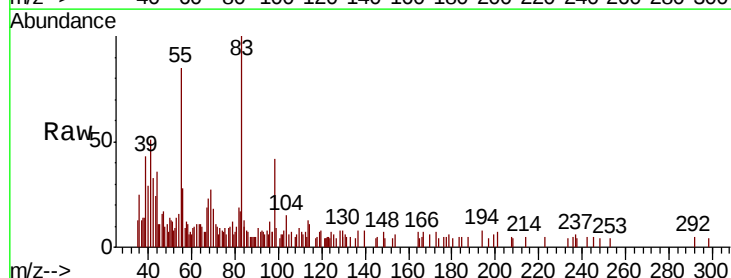
Tgt Ion: 83 Resp: 2627

Ion Ratio Lower Upper

83 100

55 79.4 58.8 88.2

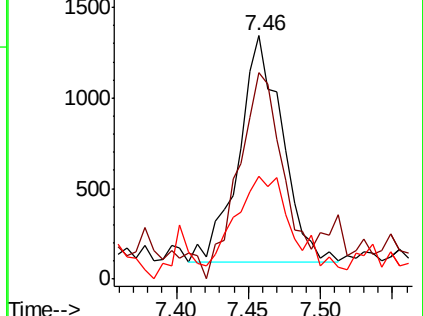
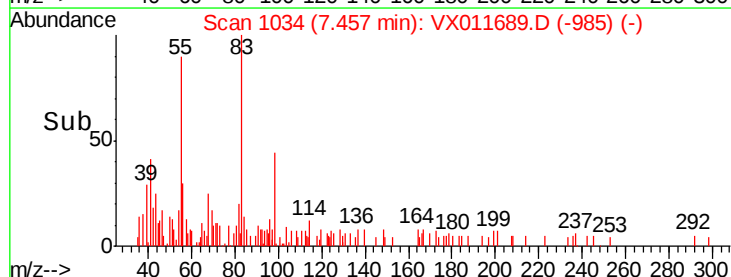
98 39.7 37.8 56.6

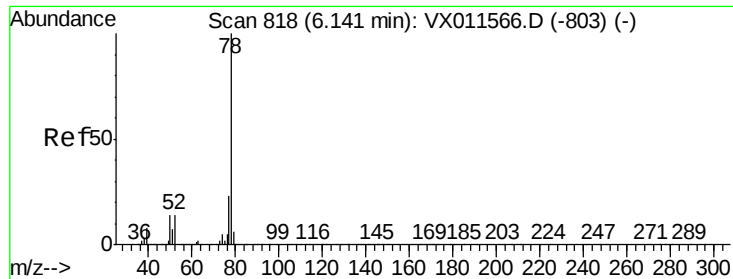


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.587 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX011689.D

Acq: 20 Aug 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

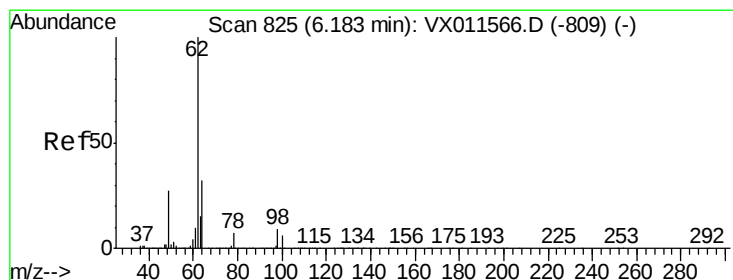
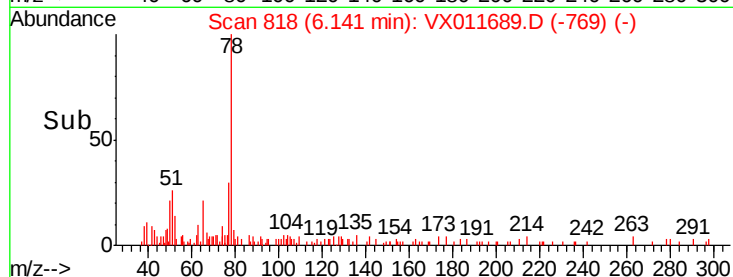
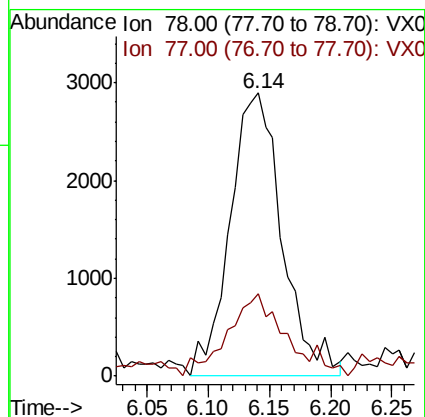
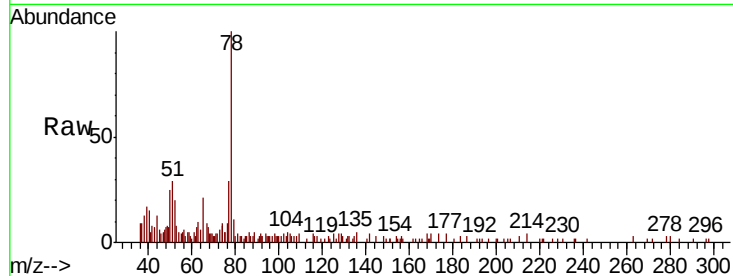
TMW-02

Tgt Ion: 78 Resp: 8566

Ion Ratio Lower Upper

78 100

77 25.3 18.6 28.0



#42

1,2-Dichloroethane

Concen: 0.261 ug/l

RT: 6.17 min Scan# 823

Delta R.T. -0.01 min

Lab File: VX011689.D

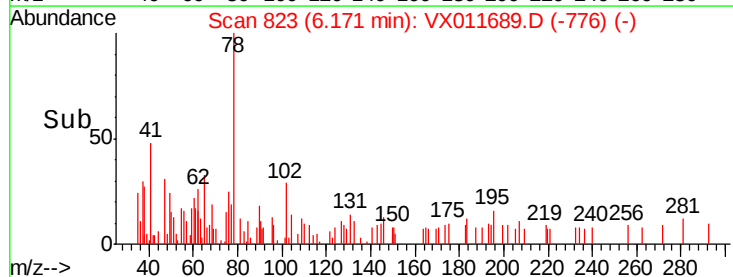
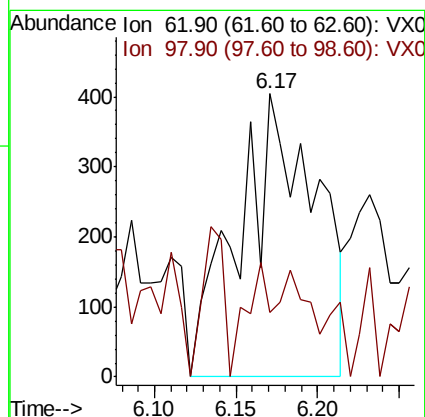
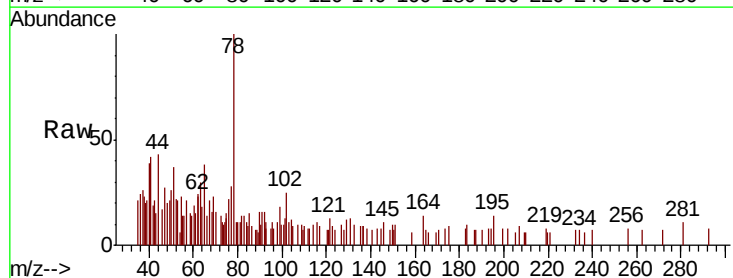
Acq: 20 Aug 2019 16:59

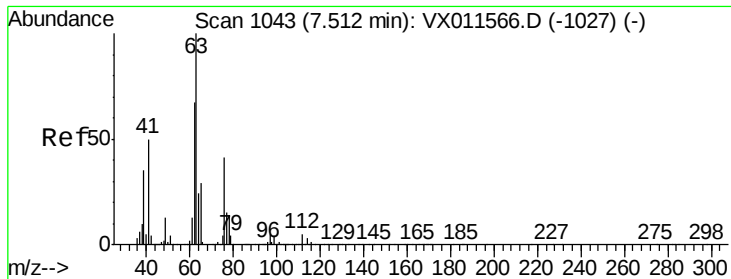
Tgt Ion: 62 Resp: 1319

Ion Ratio Lower Upper

62 100

98 12.4 0.0 19.4





#45

1,2-Dichloropropane

Concen: 0.395 ug/l

RT: 7.51 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX011689.D

Acq: 20 Aug 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

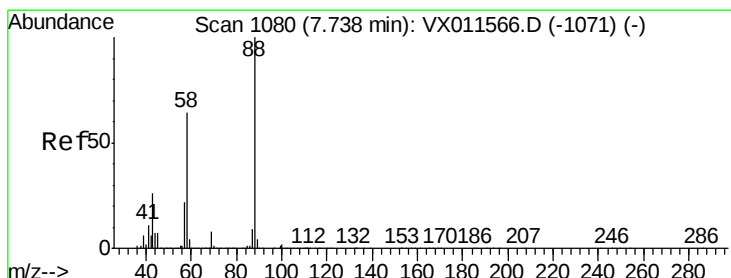
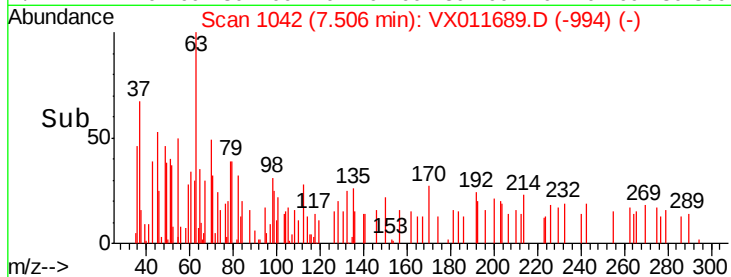
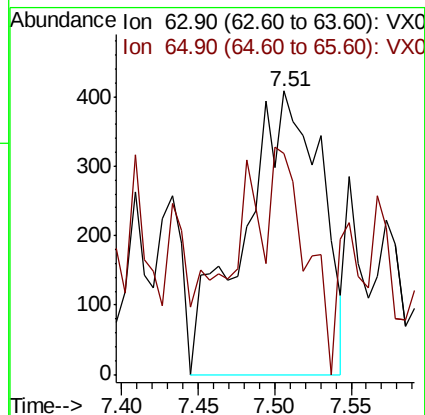
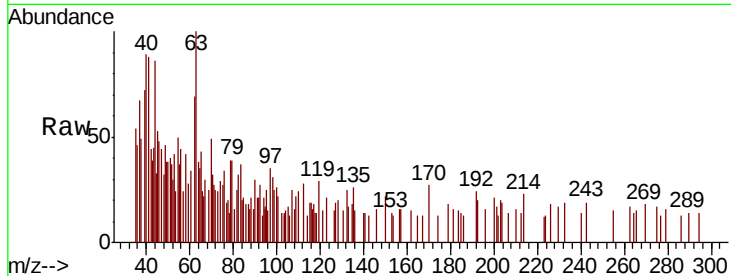
TMW-02

Tgt Ion: 63 Resp: 1438

Ion Ratio Lower Upper

63 100

65 54.2 23.4 35.2#



#49

1,4-Dioxane

Concen: 3.213 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.04 min

Lab File: VX011689.D

Acq: 20 Aug 2019 16:59

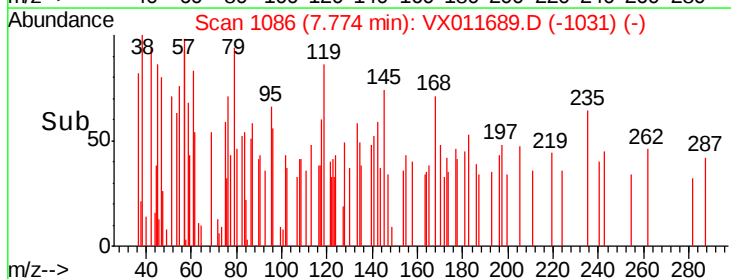
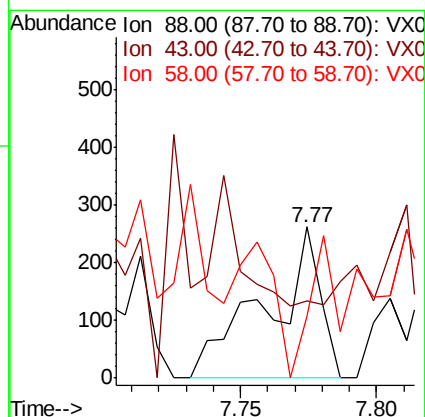
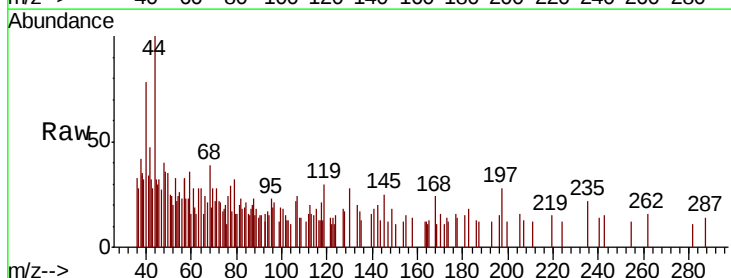
Tgt Ion: 88 Resp: 357

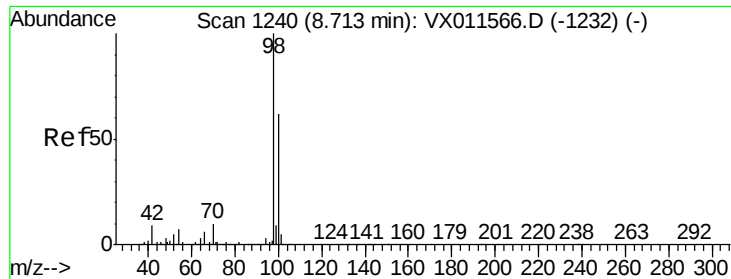
Ion Ratio Lower Upper

88 100

43 0.0 23.4 35.0#

58 44.5 54.3 81.5#





#50

Toluene-d8

Concen: 56.819 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011689.D

Acq: 20 Aug 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

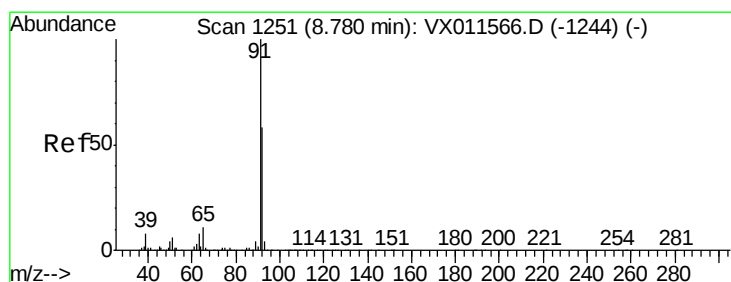
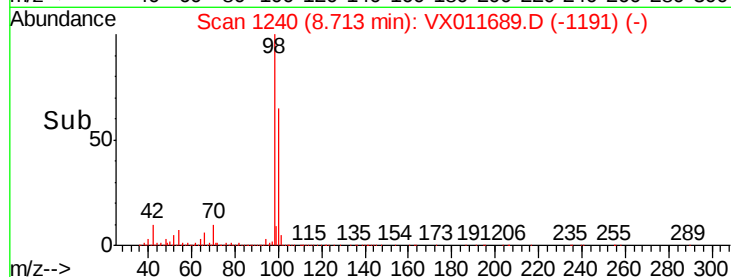
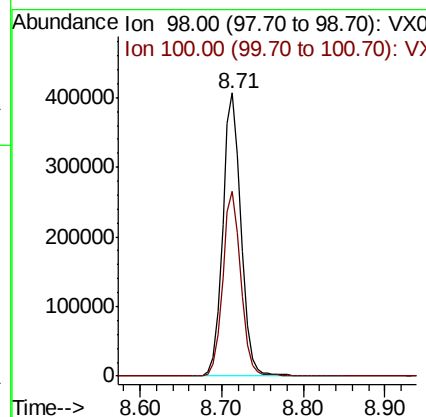
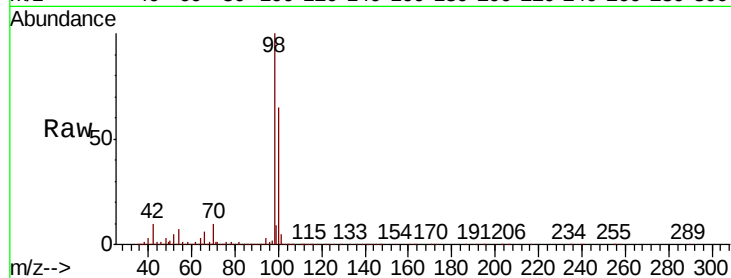
TMW-02

Tgt Ion: 98 Resp: 636390

Ion Ratio Lower Upper

98 100

100 65.0 52.4 78.6



#52

Toluene

Concen: 0.348 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX011689.D

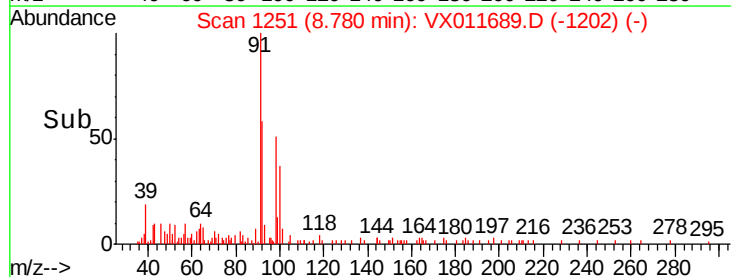
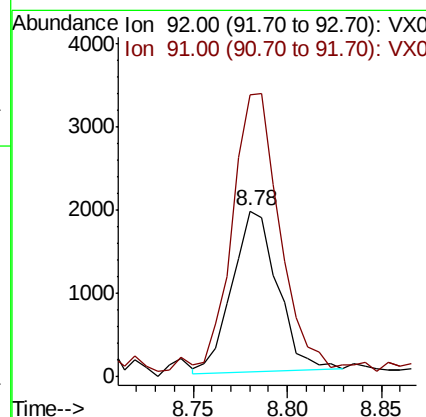
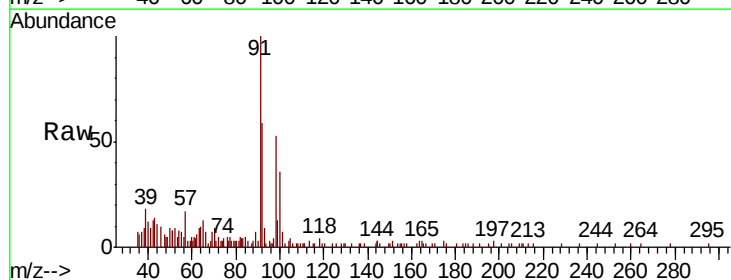
Acq: 20 Aug 2019 16:59

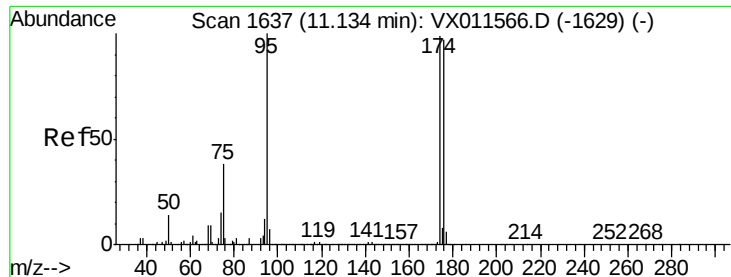
Tgt Ion: 92 Resp: 3234

Ion Ratio Lower Upper

92 100

91 182.0 138.0 207.0

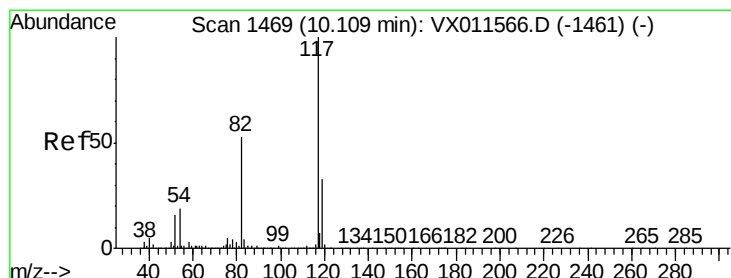
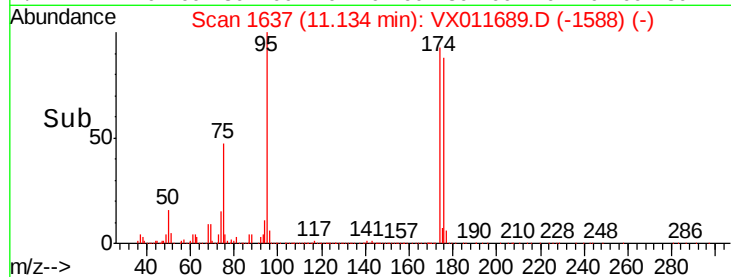
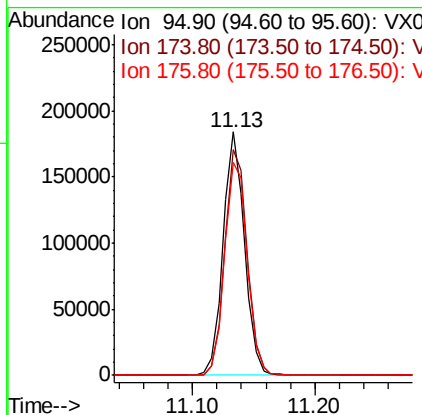
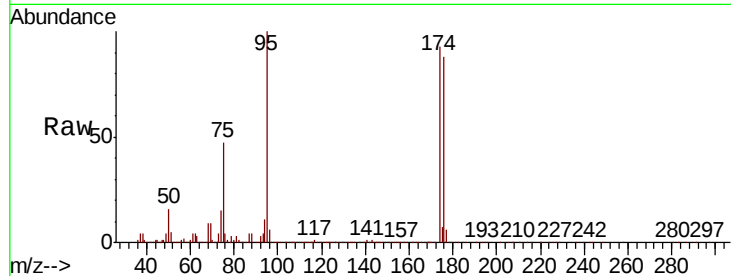




#62
4-Bromofluorobenzene
Concen: 46.944 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011689.D
Acq: 20 Aug 2019 16:59

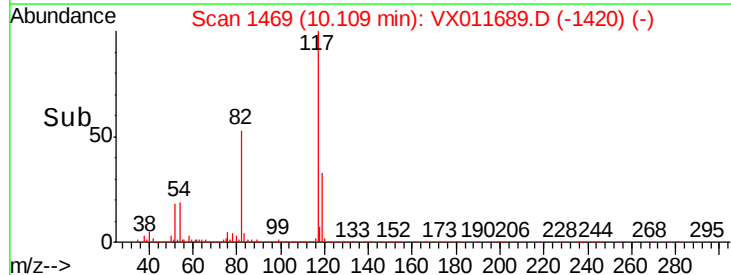
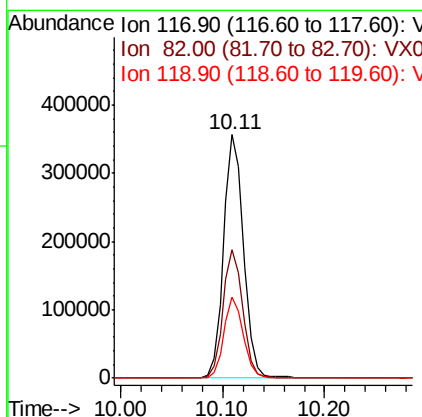
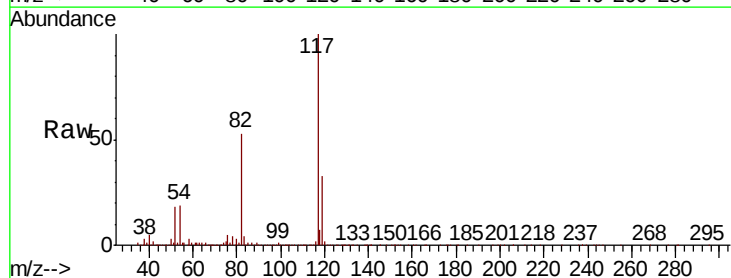
Instrument :
MSVOA_X
ClientSampleId :
TMW-02

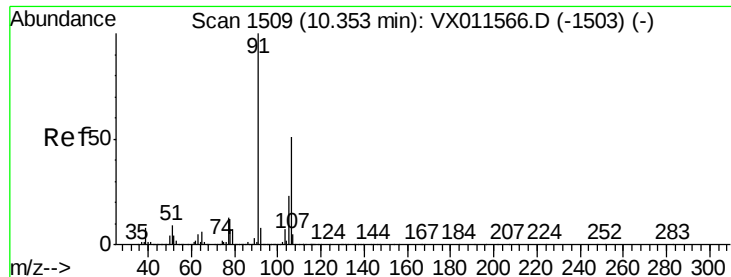
Tgt Ion	Ratio	Lower	Upper
95	100		
174	97.7	0.0	200.6
176	92.8	0.0	196.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011689.D
Acq: 20 Aug 2019 16:59

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.0	63.0
119	33.1	26.5	39.7

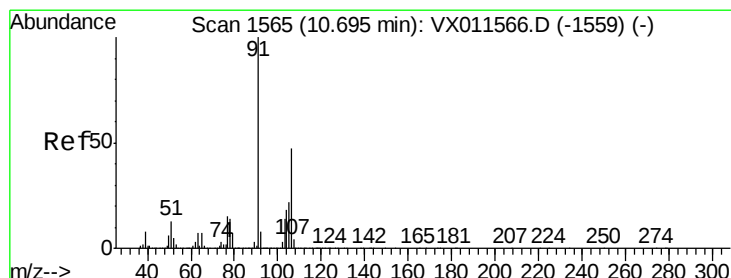
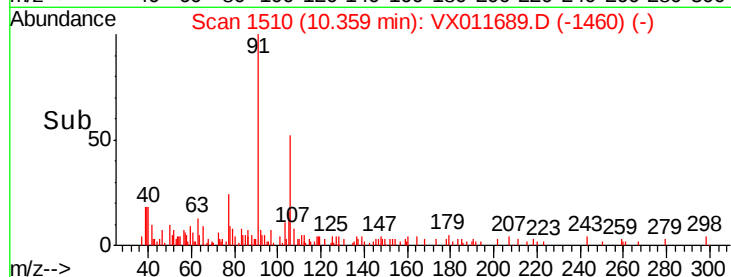
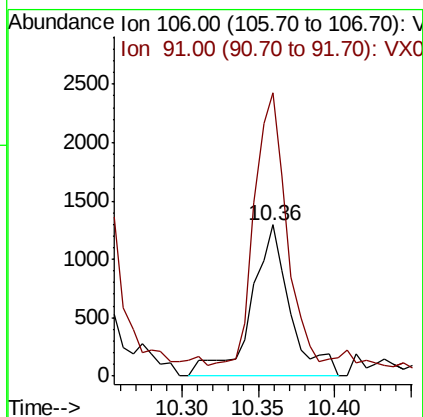
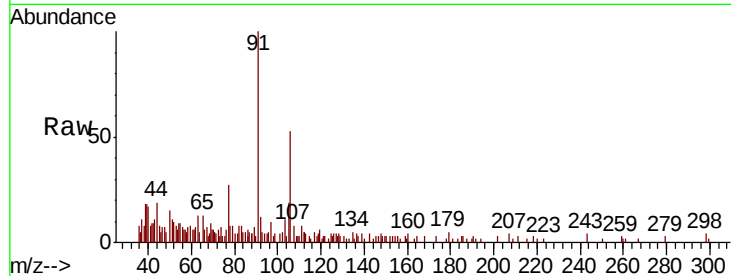




#68
m/p-Xylenes
Concen: 0.346 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.01 min
Lab File: VX011689.D
Acq: 20 Aug 2019 16:59

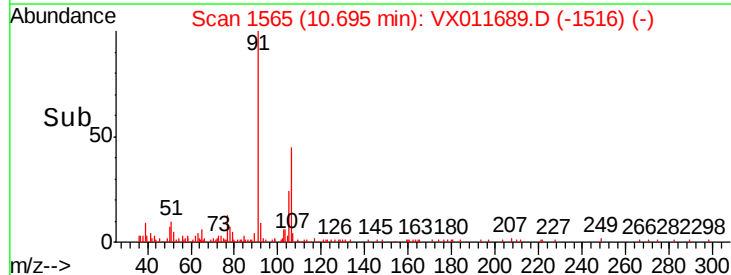
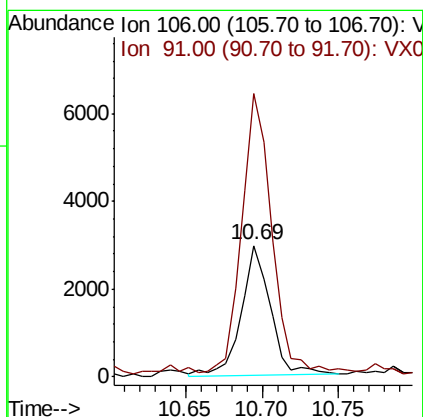
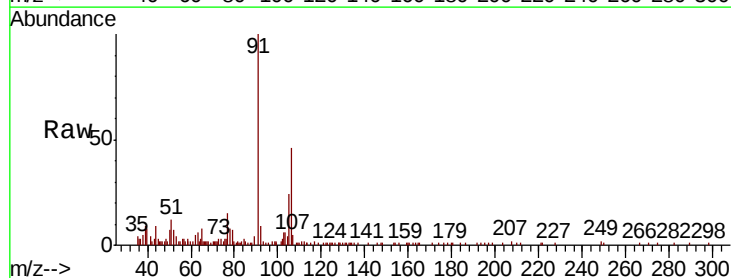
Instrument :
MSVOA_X
ClientSampleId :
TMW-02

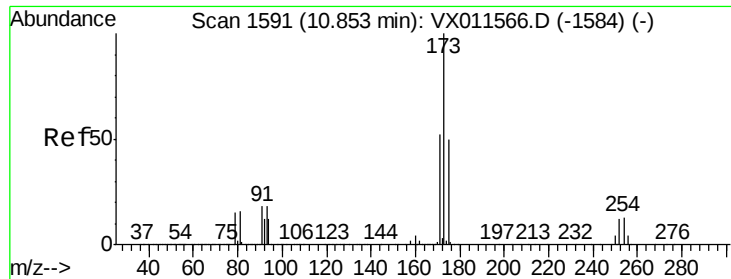
Tgt Ion:106 Resp: 2281
Ion Ratio Lower Upper
106 100
91 158.6 156.0 234.0



#69
o-Xylene
Concen: 0.611 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011689.D
Acq: 20 Aug 2019 16:59

Tgt Ion:106 Resp: 3944
Ion Ratio Lower Upper
106 100
91 219.0 105.5 316.4





#71

Bromoform

Concen: 3.307 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX011689.D

Acq: 20 Aug 2019 16:59

Instrument :

MSVOA_X

ClientSampled :

TMW-02

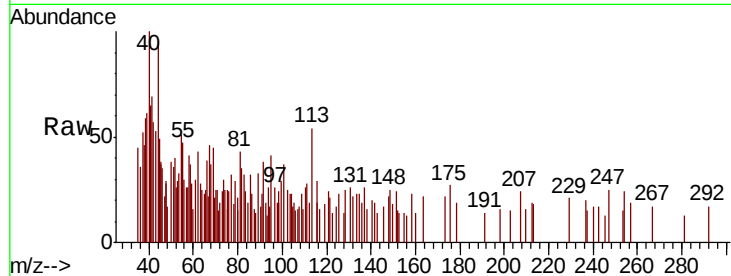
Tgt Ion:173 Resp: 61

Ion Ratio Lower Upper

173 100

175 0.0 24.9 74.7#

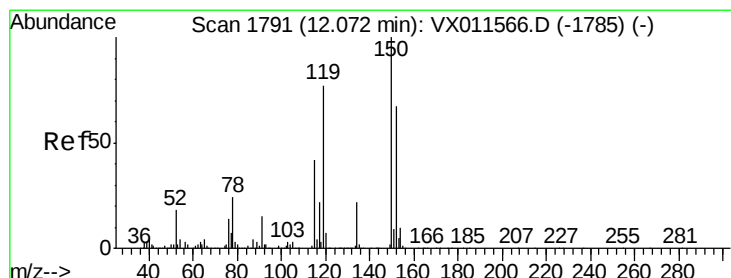
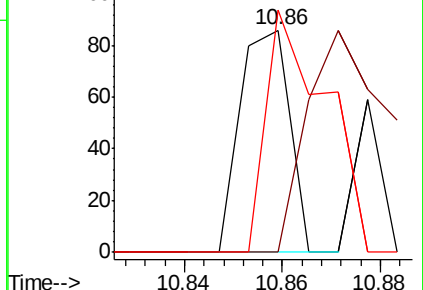
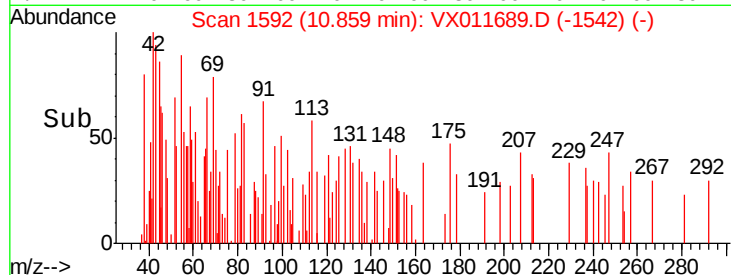
254 129.5 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX011689.D

Acq: 20 Aug 2019 16:59

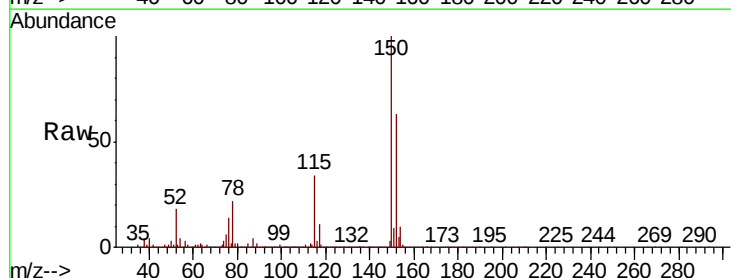
Tgt Ion:152 Resp: 246226

Ion Ratio Lower Upper

152 100

115 54.2 37.3 111.9

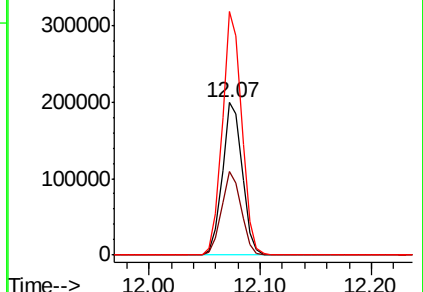
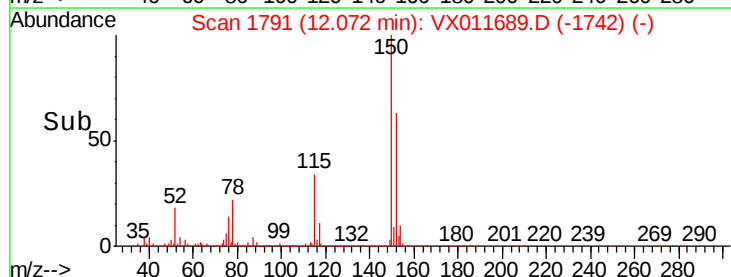
150 156.4 0.0 346.2

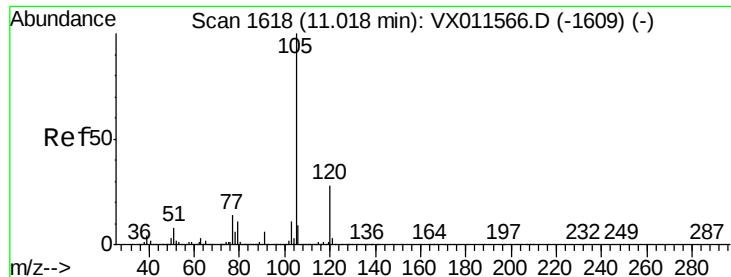


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.415 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011689.D

Acq: 20 Aug 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

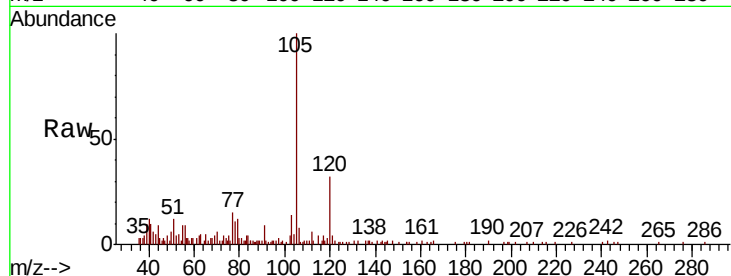
TMW-02

Tgt Ion: 105 Resp: 6637

Ion Ratio Lower Upper

105 100

120 32.2 14.0 41.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

6000

5000

4000

3000

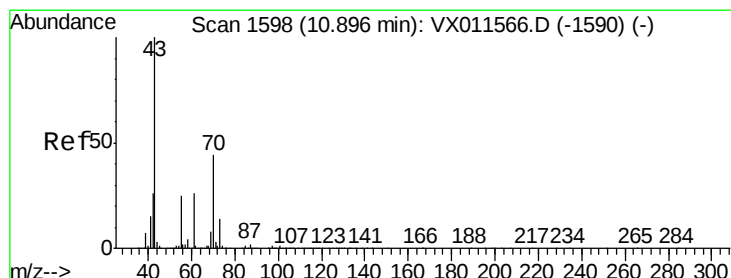
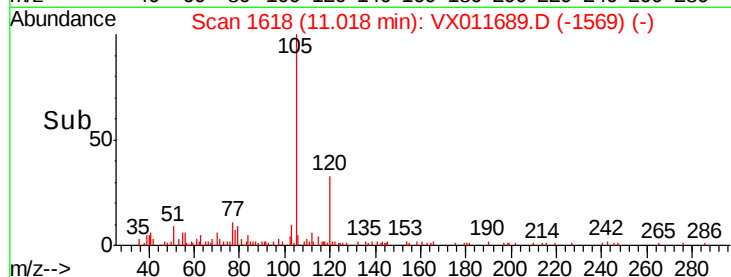
2000

1000

0

Time-->

10.95 11.00 11.05



#74

N-ethyl acetate

Concen: 0.277 ug/l

RT: 10.95 min Scan# 1607

Delta R.T. 0.05 min

Lab File: VX011689.D

Acq: 20 Aug 2019 16:59

Tgt Ion: 43 Resp: 1879

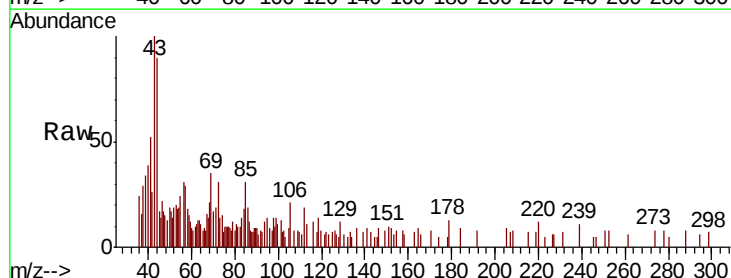
Ion Ratio Lower Upper

43 100

70 8.5 34.7 52.1#

55 20.0 19.6 29.4

61 0.0 19.9 29.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

1500

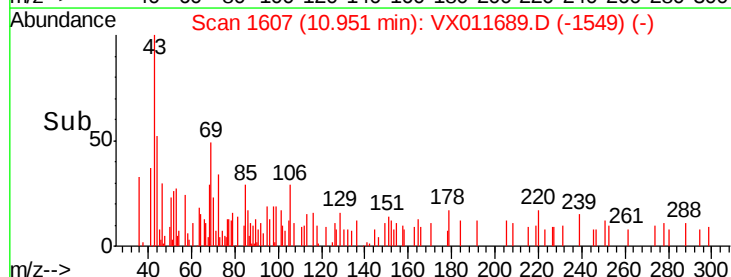
1000

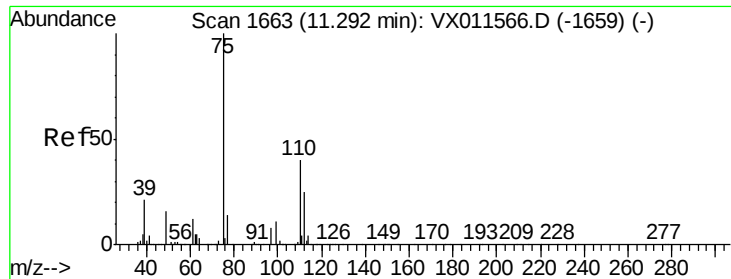
500

0

Time-->

10.90 10.95 11.00





#76

1,2,3-Trichloropropane

Concen: 22.808 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011689.D

Acq: 20 Aug 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

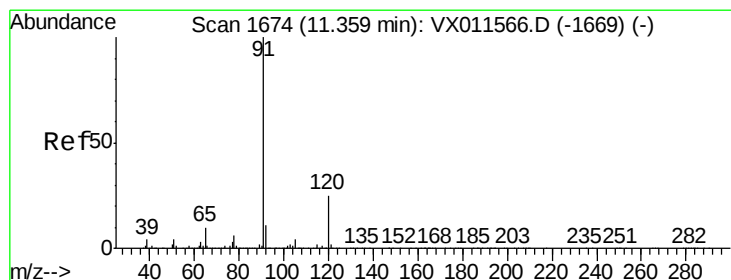
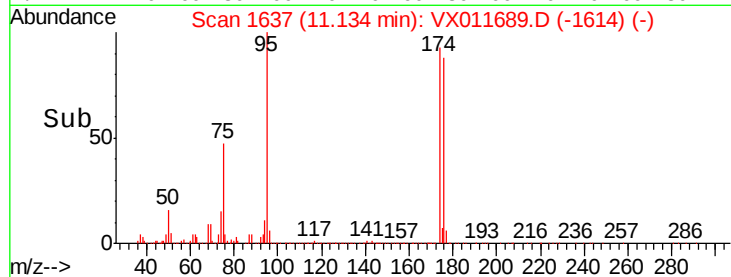
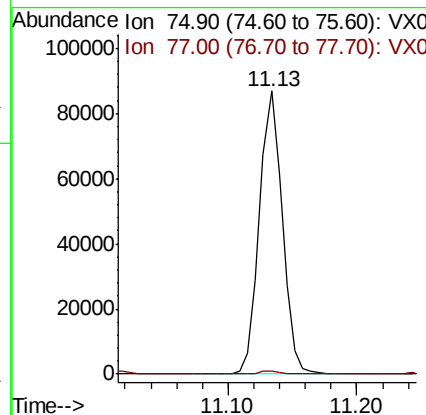
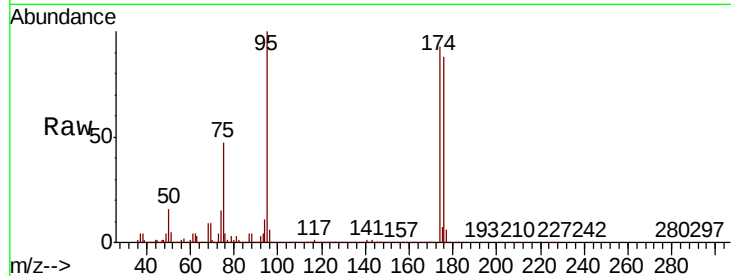
TMW-02

Tgt Ion: 75 Resp: 106492

Ion Ratio Lower Upper

75 100

77 1.5 20.9 62.8#



#78

n-propylbenzene

Concen: 0.515 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011689.D

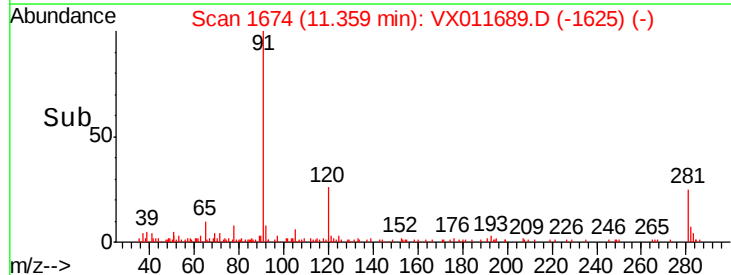
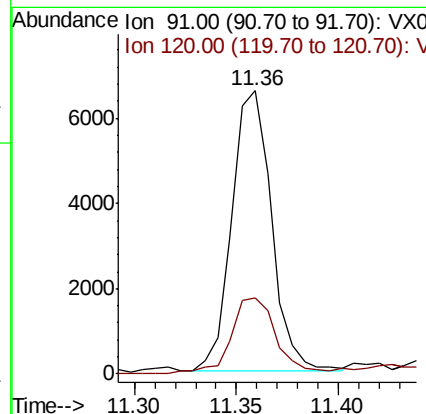
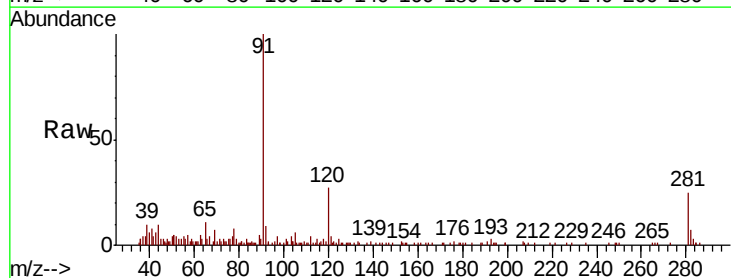
Acq: 20 Aug 2019 16:59

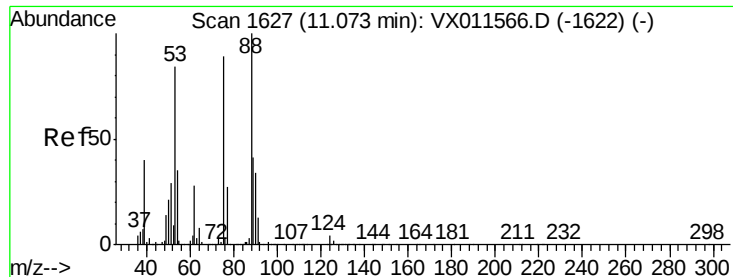
Tgt Ion: 91 Resp: 8868

Ion Ratio Lower Upper

91 100

120 30.9 12.6 37.6

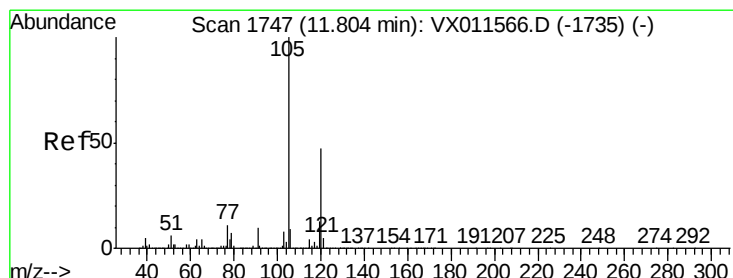
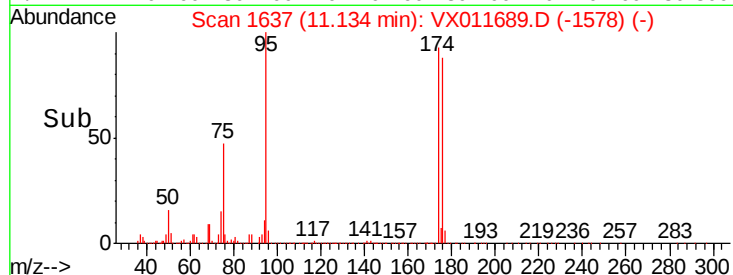
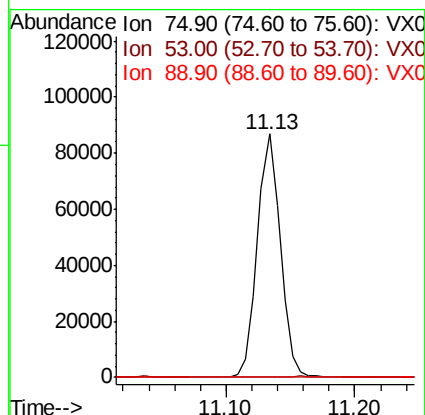
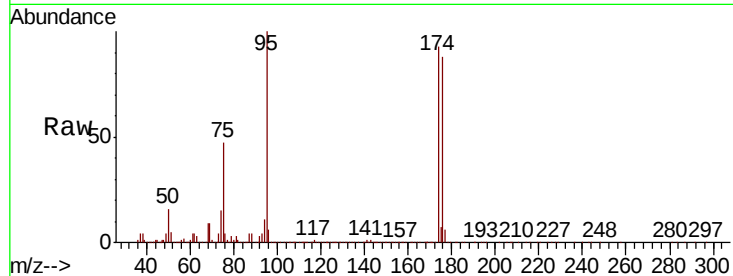




#81
trans-1,4-Dichloro-2-butene
Concen: 60.729 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011689.D
Acq: 20 Aug 2019 16:59

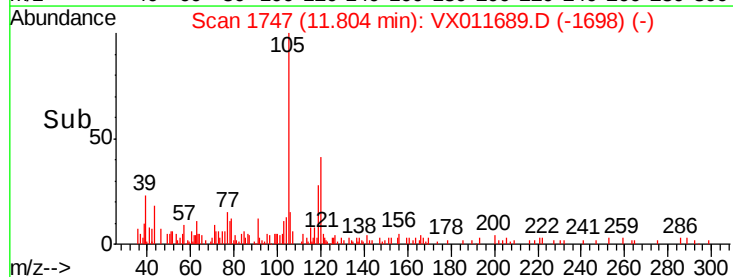
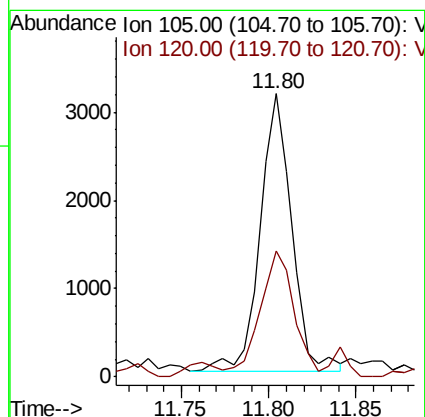
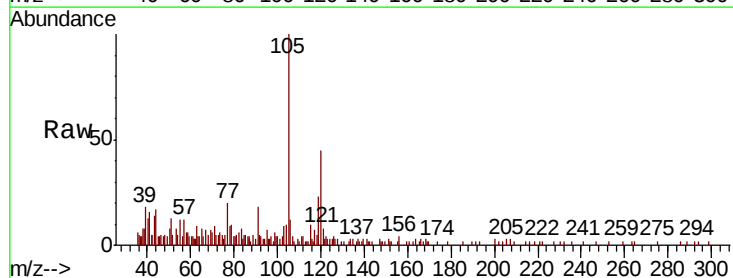
Instrument :
MSVOA_X
ClientSampleId :
TMW-02

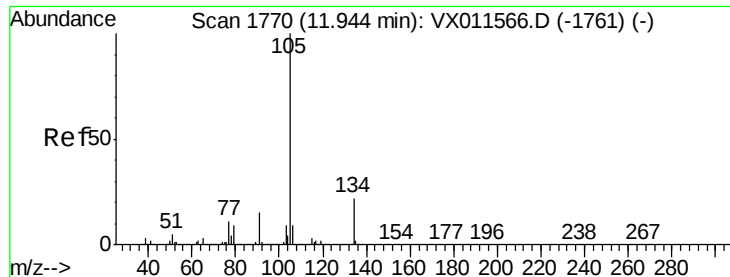
Tgt Ion: 75 Resp: 106492
Ion Ratio Lower Upper
75 100
53 0.1 77.4 116.0#
89 0.2 37.3 55.9#



#84
1,2,4-Trimethylbenzene
Concen: 0.298 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX011689.D
Acq: 20 Aug 2019 16:59

Tgt Ion: 105 Resp: 4011
Ion Ratio Lower Upper
105 100
120 47.1 23.3 69.9





#85

sec-Butylbenzene

Concen: 0.654 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011689.D

Acq: 20 Aug 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

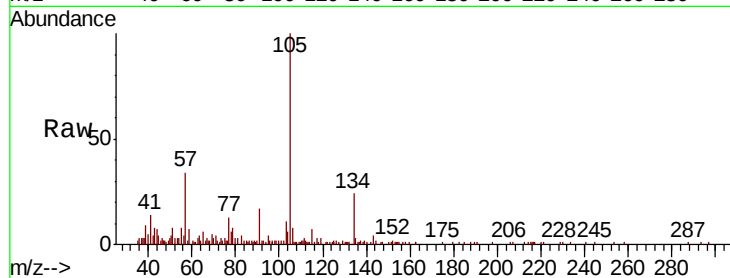
TMW-02

Tgt Ion:105 Resp: 10079

Ion Ratio Lower Upper

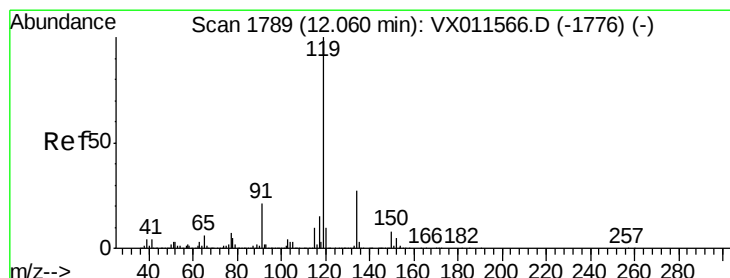
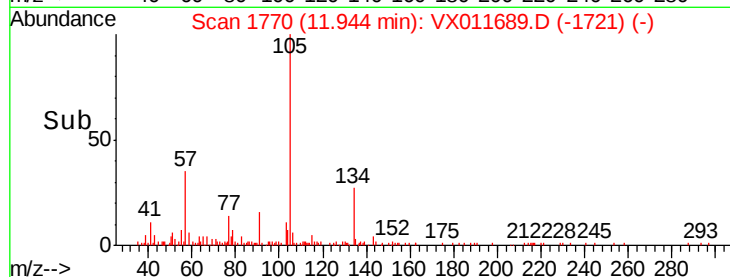
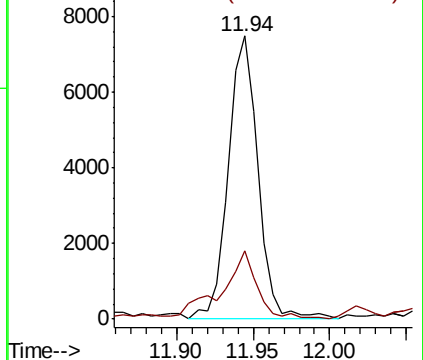
105 100

134 29.5 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.242 ug/l

RT: 12.23 min Scan# 1817

Delta R.T. 0.17 min

Lab File: VX011689.D

Acq: 20 Aug 2019 16:59

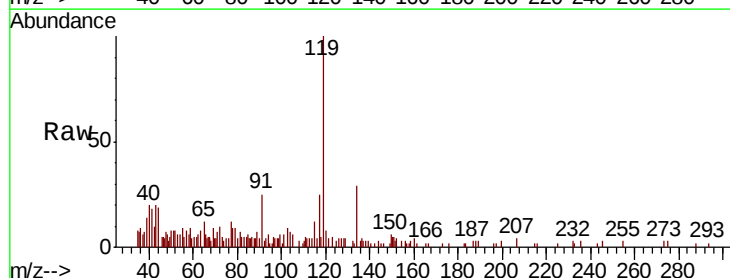
Tgt Ion:119 Resp: 3517

Ion Ratio Lower Upper

119 100

134 32.2 13.6 40.8

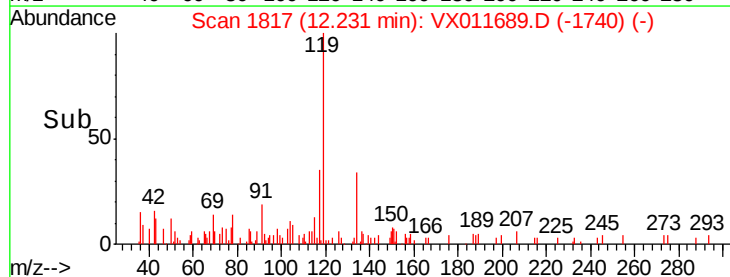
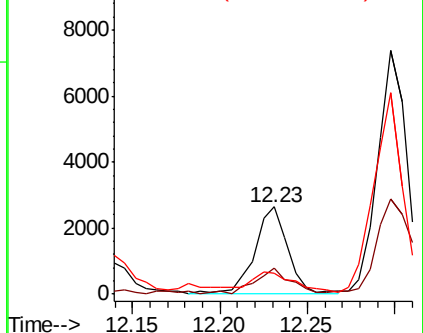
91 28.5 10.9 32.9

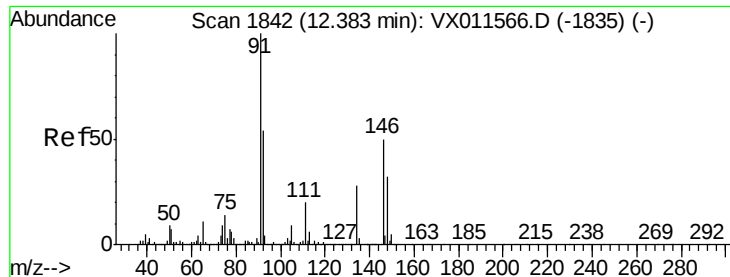


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#89

n-Butylbenzene

Concen: 0.453 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX011689.D

Acq: 20 Aug 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

TMW-02

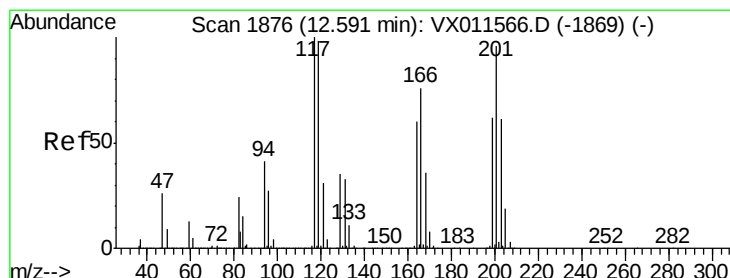
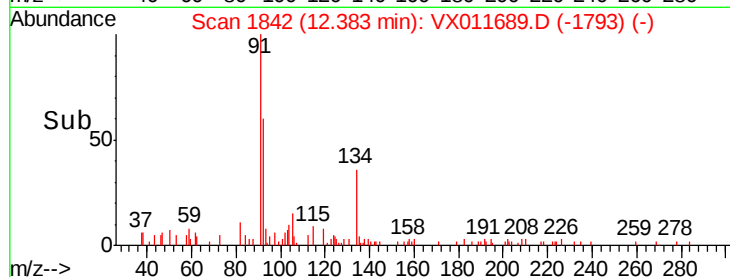
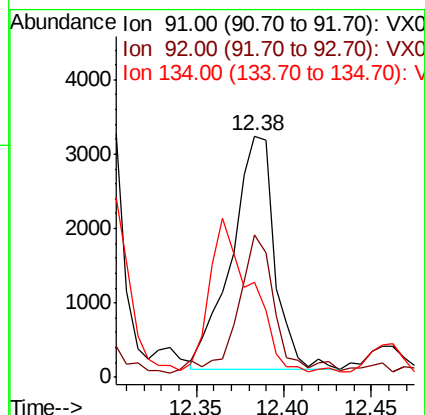
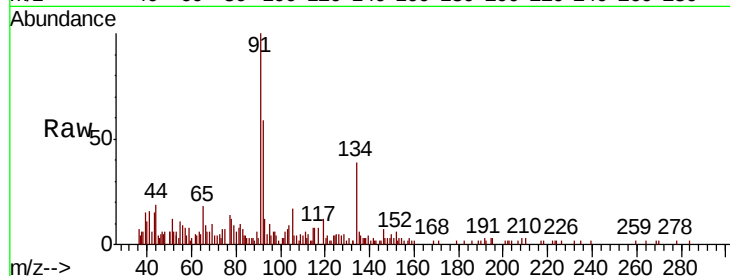
Tgt Ion: 91 Resp: 5403

Ion Ratio Lower Upper

91 100

92 48.6 26.8 80.3

134 66.4 14.6 44.0#



#90

Hexachloroethane

Concen: 0.979 ug/l

RT: 12.66 min Scan# 1888

Delta R.T. 0.07 min

Lab File: VX011689.D

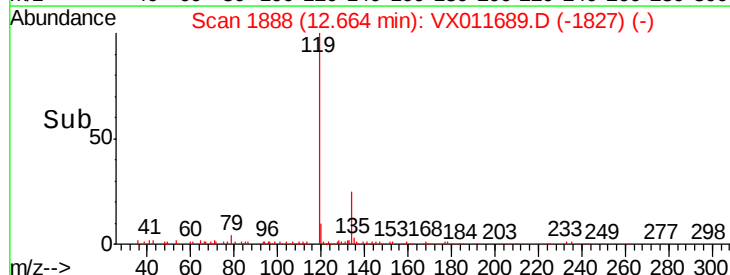
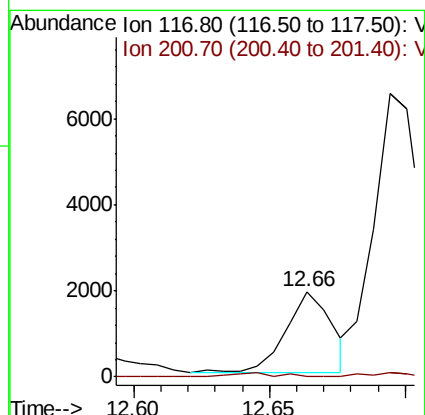
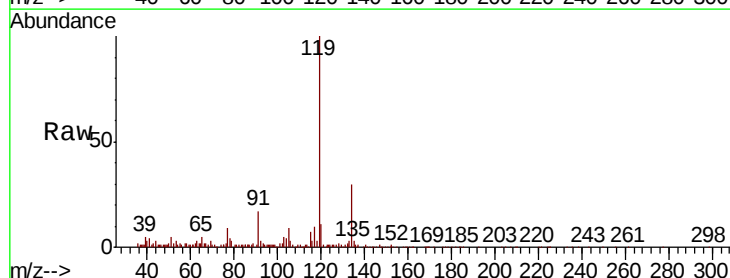
Acq: 20 Aug 2019 16:59

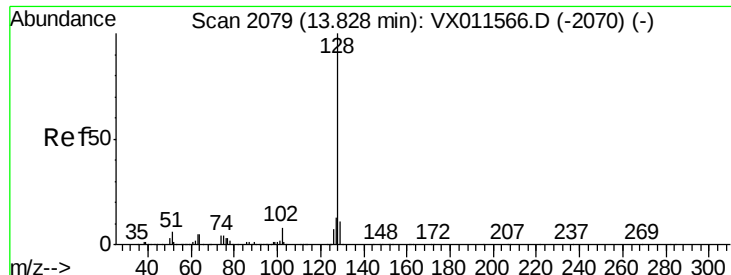
Tgt Ion: 117 Resp: 2243

Ion Ratio Lower Upper

117 100

201 4.9 51.9 155.7#





#95
Naphthalene
Concen: 1.809 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX011689.D
Acq: 20 Aug 2019 16:59

Instrument :
MSVOA_X
ClientSampleId :
TMW-02

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.3	15.5
129	13.9	8.7	13.1

