

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091318\
 Data File : VX004522.D
 Acq On : 13 Sep 2018 17:55
 Operator : JC/MD
 Sample : J4892-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C-MW-07-091118

Quant Time: Sep 14 03:55:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	248171	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	344278	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	321837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	187671	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	174332	54.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.96%	
35) Dibromofluoromethane	5.50	113	149849	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
50) Toluene-d8	8.71	98	515335	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
62) 4-Bromofluorobenzene	11.14	95	175248	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	644	0.20	ug/l	96
5) Bromomethane	1.67	94	672	Below	Cal #	75
10) Methyl Iodide	2.53	142	245	4.32	ug/l #	64
11) Tert butyl alcohol	3.07	59	357	0.47	ug/l #	72
14) Allyl chloride	2.78	41	1883	0.35	ug/l #	57
15) Acrylonitrile	3.17	53	1153	0.63	ug/l #	49
16) Acetone	2.45	43	2728	1.75	ug/l	93
18) Methyl Acetate	2.77	43	1707	0.39	ug/l #	74
20) Methylene Chloride	2.85	84	1368	0.43	ug/l #	80
25) 2-Butanone	4.71	43	1890	0.76	ug/l	99
26) 2,2-Dichloropropane	4.76	77	919	0.25	ug/l #	52
30) Chloroform	5.21	83	4967	0.94	ug/l	97
31) Cyclohexane	5.58	56	6353	1.37	ug/l #	74
36) 1,1-Dichloropropene	5.67	75	16496	3.95	ug/l #	50
38) Carbon Tetrachloride	5.67	117	20371	4.99	ug/l #	15
39) Methylcyclohexane	7.46	83	8114	1.86	ug/l	96
41) Methacrylonitrile	5.06	41	745	0.28	ug/l #	43
47) Bromodichloromethane	7.98	83	1235	0.35	ug/l #	25
48) Methyl methacrylate	7.74	41	952	0.30	ug/l #	9
58) 2-Chloroethyl Vinyl ether	8.26	63	97	7.31	ug/l #	45
67) Ethyl Benzene	10.26	91	79004	6.08	ug/l	100
68) m/p-Xylenes	10.36	106	33087	6.61	ug/l	96
73) Isopropylbenzene	11.02	105	41733	3.38	ug/l	99
76) 1,2,3-Trichloropropane	11.14	75	83843	22.21	ug/l #	37
78) n-propylbenzene	11.36	91	58186	4.09	ug/l	98
79) 2-Chlorotoluene	11.43	91	28098	3.26	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	57778	5.56	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.14	75	83843	70.78	ug/l #	10
82) 4-Chlorotoluene	11.51	91	6383	0.63	ug/l #	44
84) 1,2,4-Trimethylbenzene	11.81	105	24134	2.27	ug/l	100
85) sec-Butylbenzene	11.94	105	5446	0.43	ug/l	99
86) p-Isopropyltoluene	12.03	119	6147	0.55	ug/l	89
89) n-Butylbenzene	12.39	91	11882	1.17	ug/l #	36
90) Hexachloroethane	12.59	117	2555	1.43	ug/l #	3

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Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration

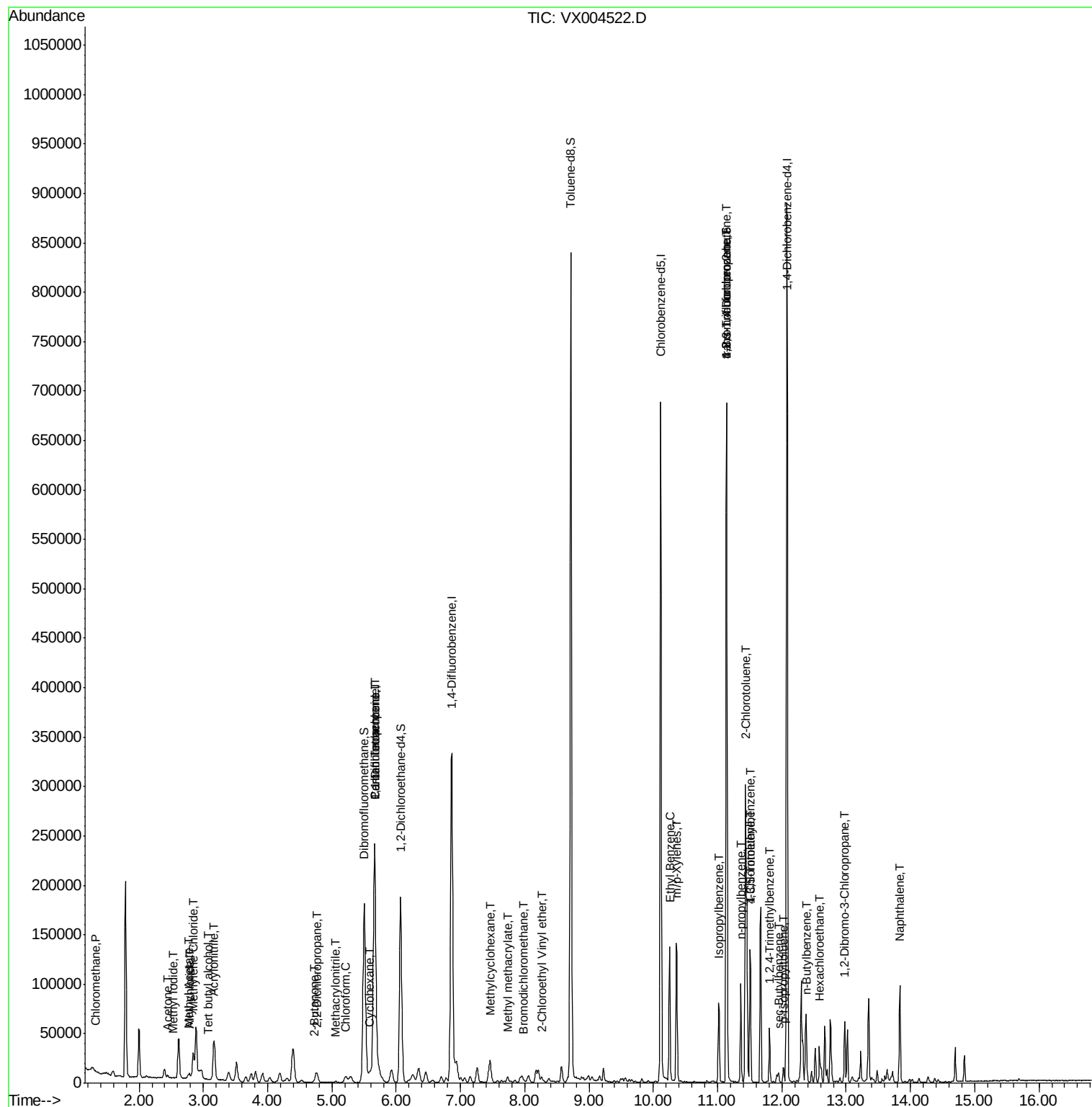
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	12.98	75	240	0.28	ug/l #	1
95) Naphthalene	13.83	128	61014	4.76	ug/l	99

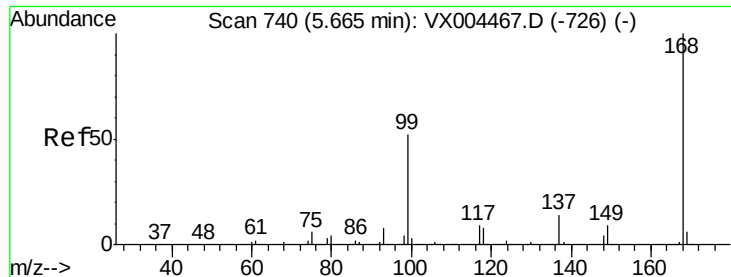
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX004522.D

Acq: 13 Sep 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

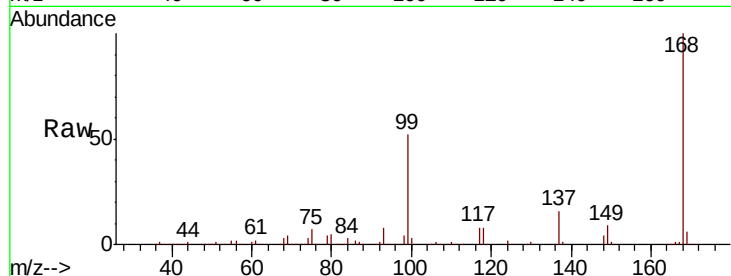
C-MW-07-091118

Tot Ion:168 Resp: 248171

Ion Ratio Lower Upper

168 100

99 52.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

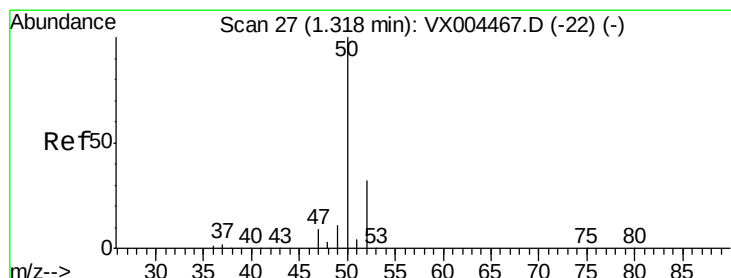
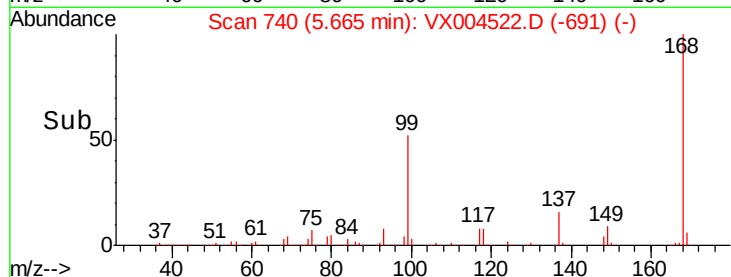
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.20 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX004522.D

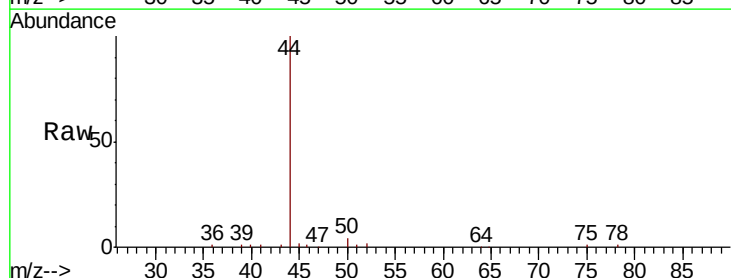
Acq: 13 Sep 2018 17:55

Tgt Ion: 50 Resp: 644

Ion Ratio Lower Upper

50 100

52 34.7 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

600

500

400

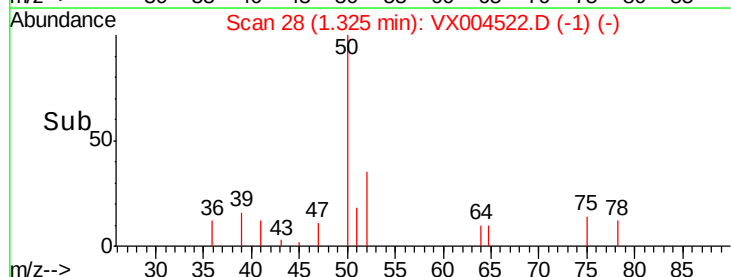
300

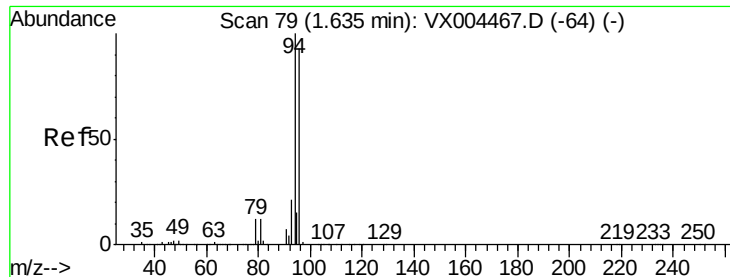
200

100

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: Below Cal

RT: 1.67 min Scan# 84

Delta R.T. 0.03 min

Lab File: VX004522.D

Acq: 13 Sep 2018 17:55

Instrument :

MSVOA_X

ClientSampled :

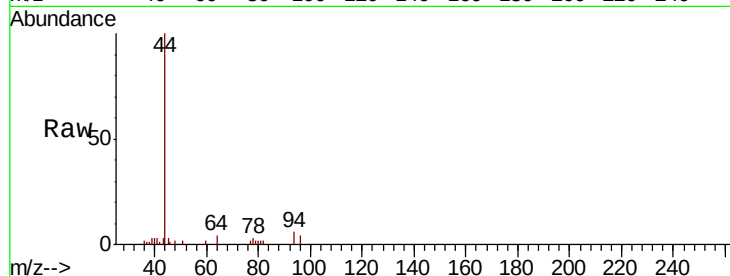
C-MW-07-091118

Tot Ion: 94 Resp: 672

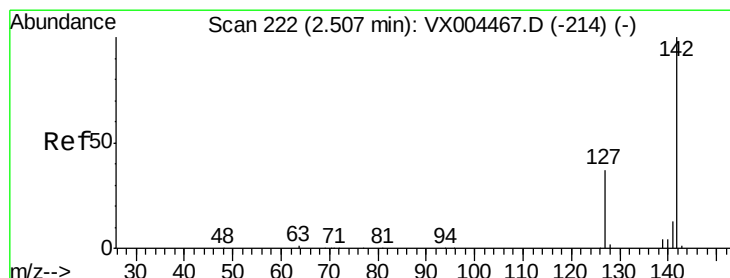
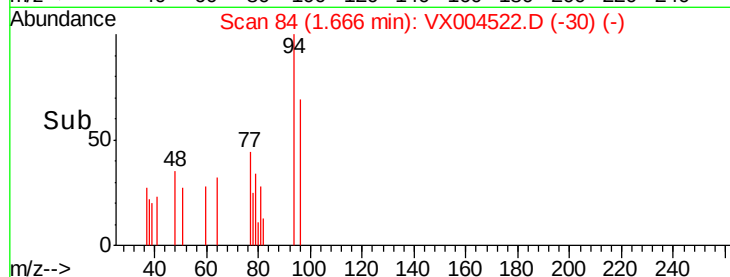
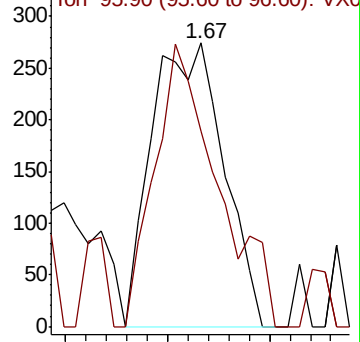
Ion Ratio Lower Upper

94 100

96 69.0 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0



#10

Methyl Iodide

Concen: 4.32 ug/l

RT: 2.53 min Scan# 225

Delta R.T. 0.02 min

Lab File: VX004522.D

Acq: 13 Sep 2018 17:55

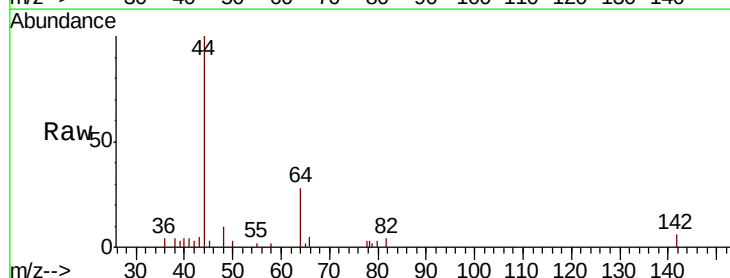
Tgt Ion: 142 Resp: 245

Ion Ratio Lower Upper

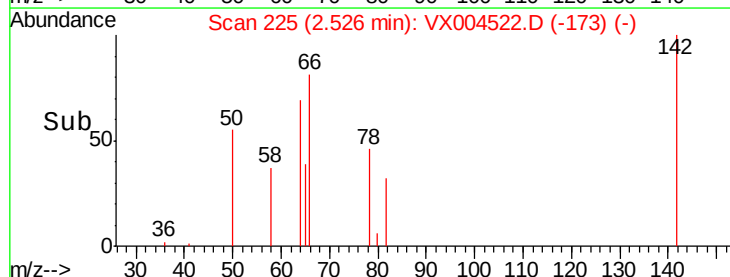
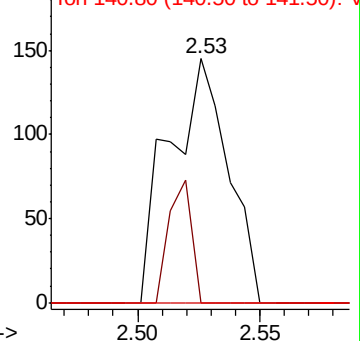
142 100

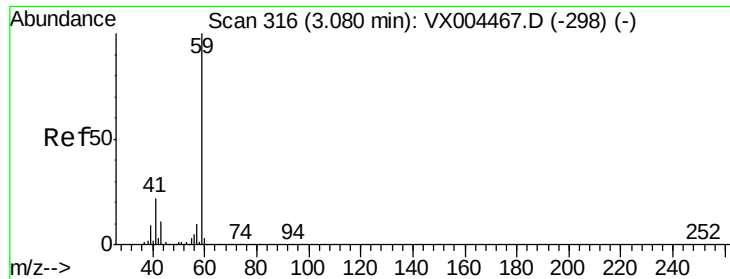
127 19.2 33.8 50.6#

141 0.0 11.4 17.0#



Abundance Ion 141.80 (141.50 to 142.50): V

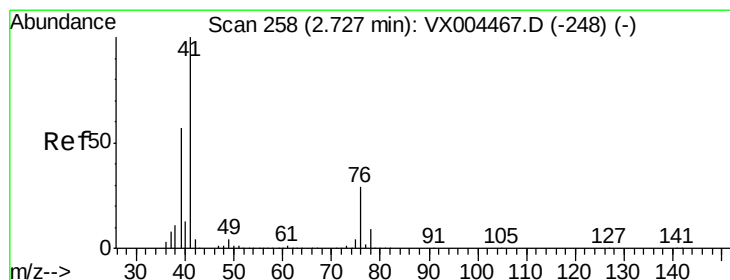
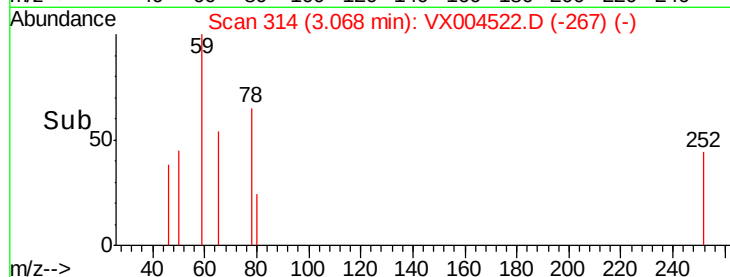
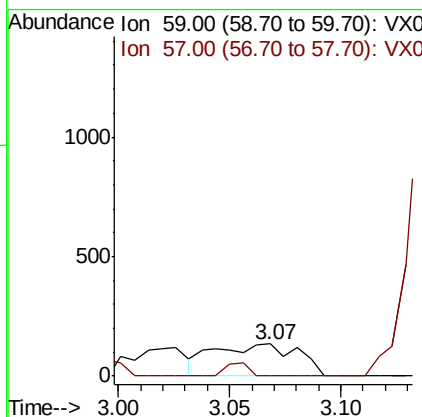
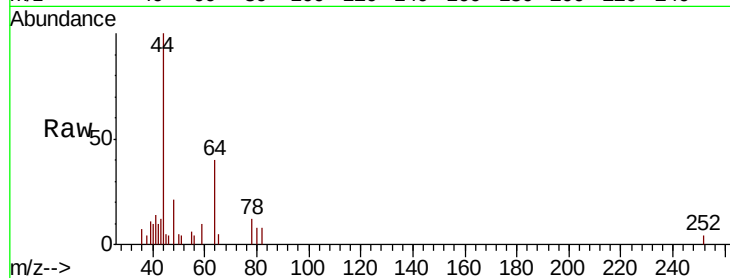




#11
Tert butyl alcohol
Concen: 0.47 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX004522.D
Acq: 13 Sep 2018 17:55

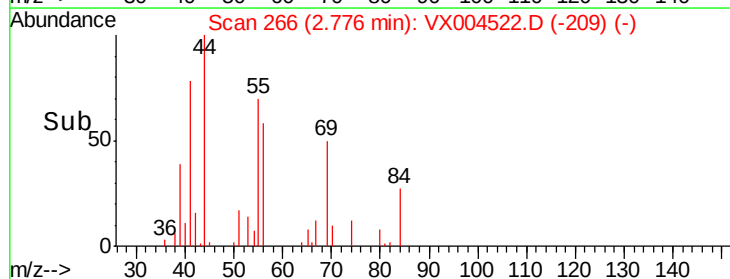
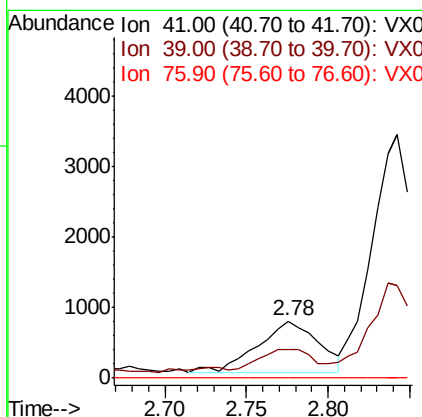
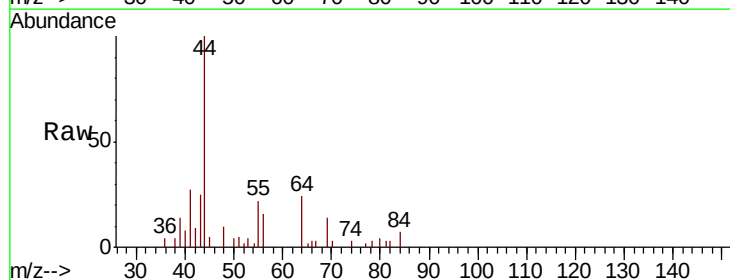
Instrument :
MSVOA_X
ClientSampleId :
C-MW-07-091118

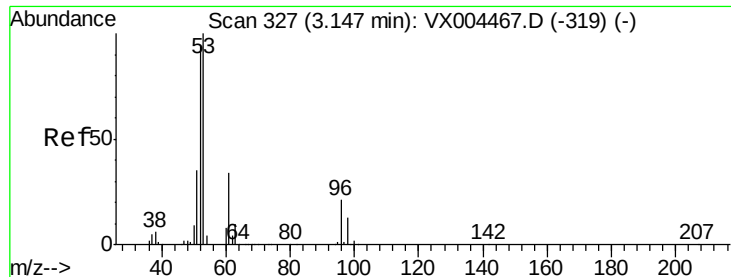
Tot Ion: 59 Resp: 357
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#14
Allyl chloride
Concen: 0.35 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.05 min
Lab File: VX004522.D
Acq: 13 Sep 2018 17:55

Tgt Ion: 41 Resp: 1883
Ion Ratio Lower Upper
41 100
39 34.8 48.9 73.3#
76 0.0 26.7 40.1#





#15

Acrylonitrile

Concen: 0.63 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.02 min

Lab File: VX004522.D

Acq: 13 Sep 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

C-MW-07-091118

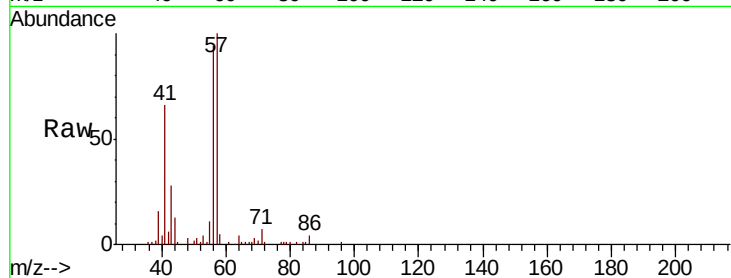
Tot Ion: 53 Resp: 1153

Ion Ratio Lower Upper

53 100

52 40.4 65.2 97.8#

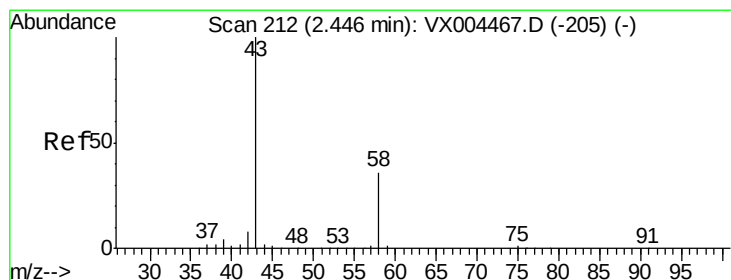
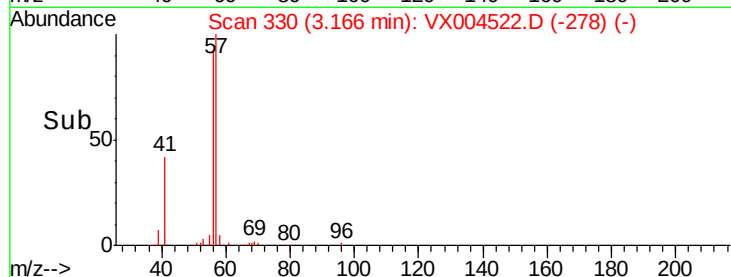
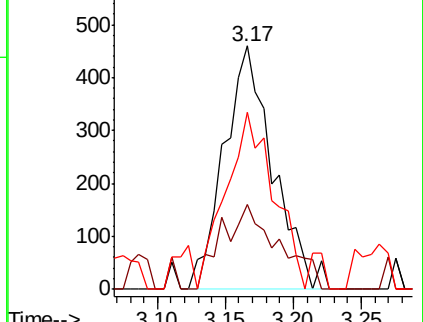
51 71.3 28.2 42.2#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 1.75 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004522.D

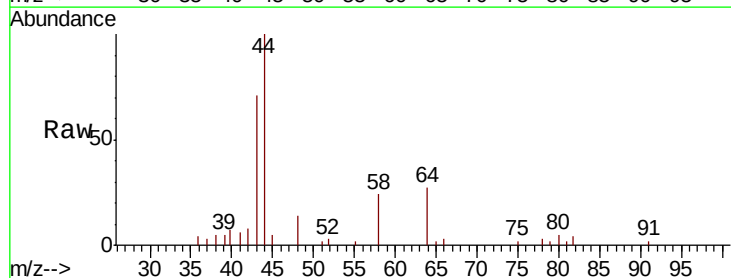
Acq: 13 Sep 2018 17:55

Tgt Ion: 43 Resp: 2728

Ion Ratio Lower Upper

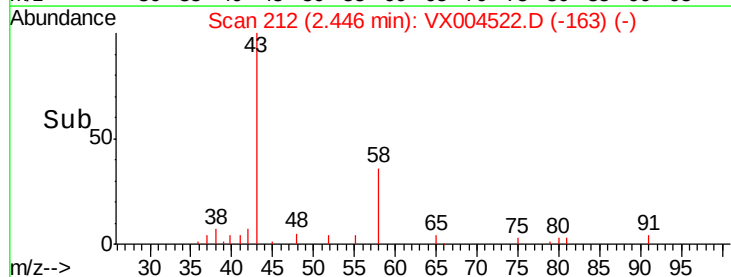
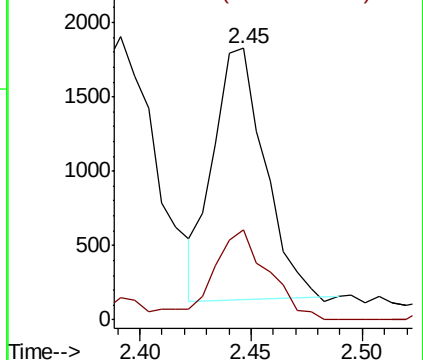
43 100

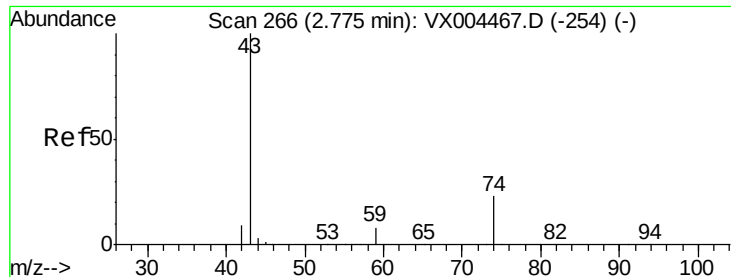
58 36.5 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

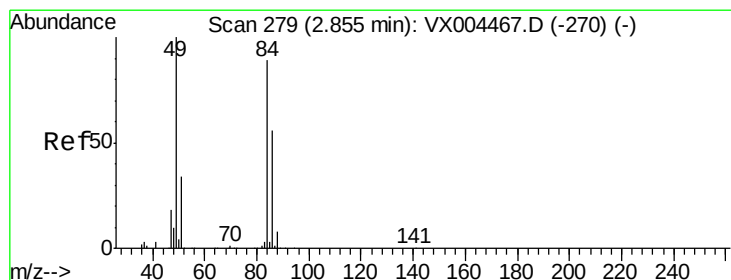
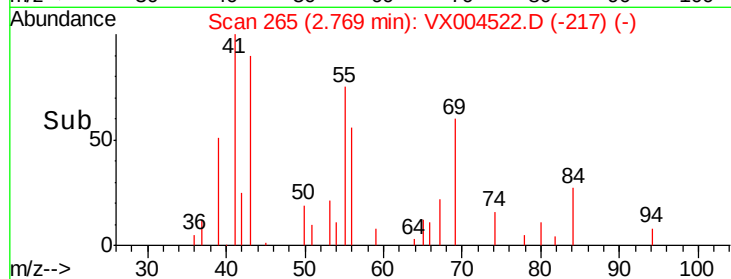
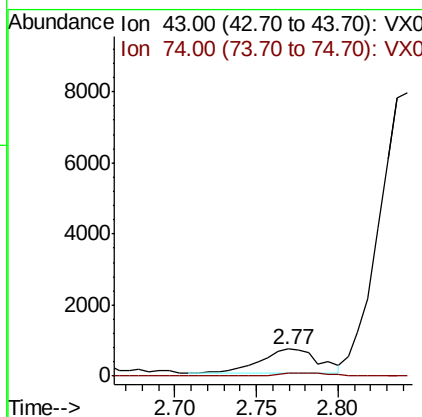
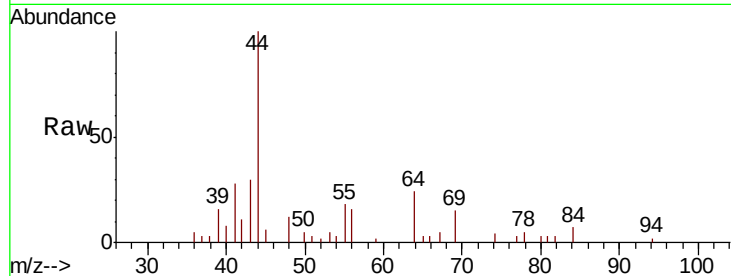




#18
Methyl Acetate
Concen: 0.39 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX004522.D
Acq: 13 Sep 2018 17:55

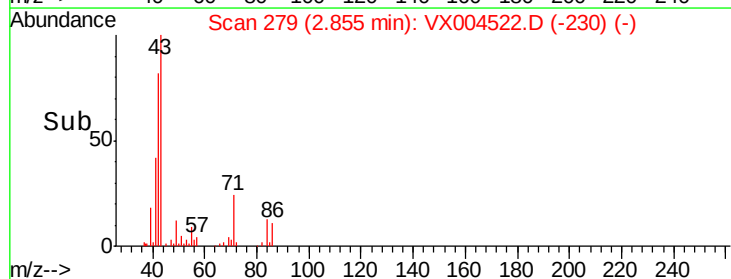
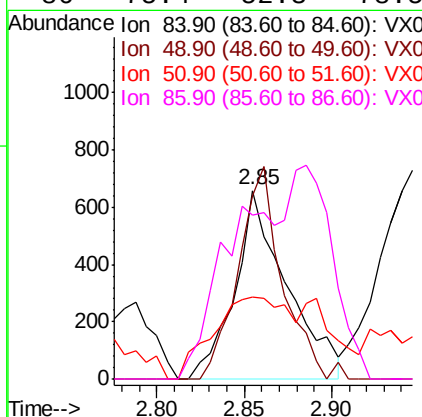
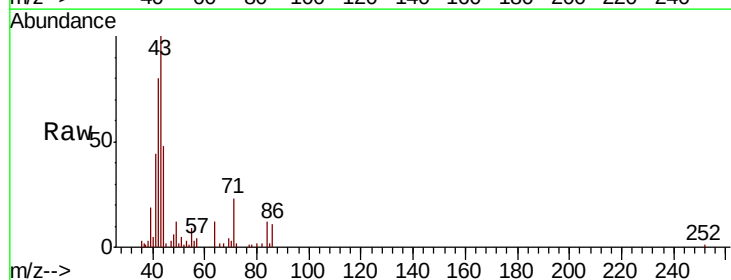
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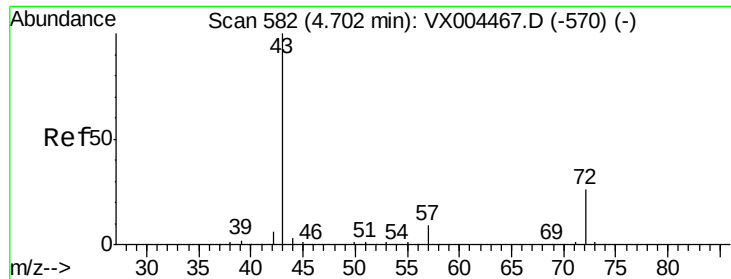
Tot Ion: 43 Resp: 1707
Ion Ratio Lower Upper
43 100
74 11.5 19.4 29.2#



#20
Methylene Chloride
Concen: 0.43 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004522.D
Acq: 13 Sep 2018 17:55

Tgt Ion: 84 Resp: 1368
Ion Ratio Lower Upper
84 100
49 97.0 101.2 151.8#
51 29.3 29.5 44.3#
86 75.4 52.3 78.5





#25

2-Butanone

Concen: 0.76 ug/l

RT: 4.71 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX004522.D

Acq: 13 Sep 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

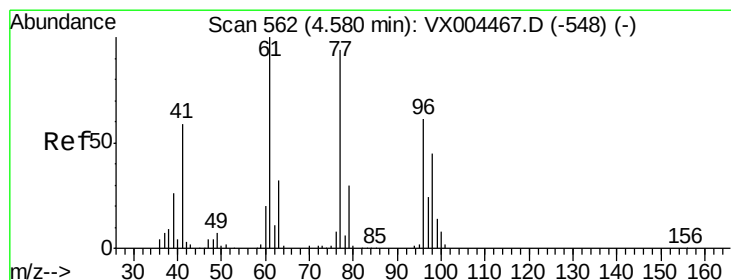
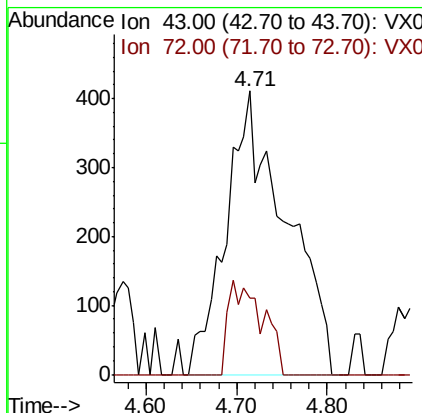
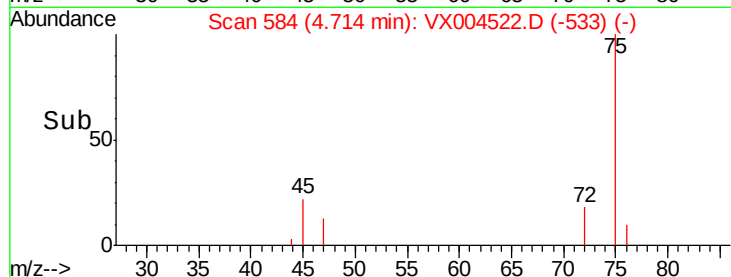
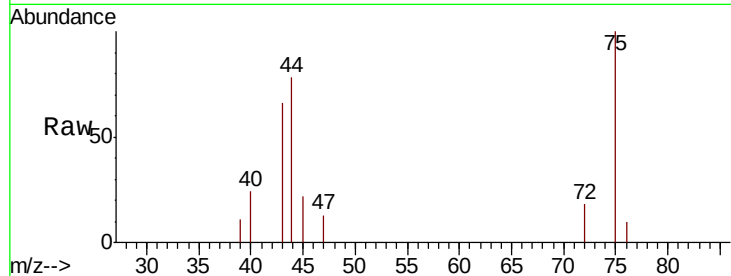
C-MW-07-091118

Tot Ion: 43 Resp: 1890

Ion Ratio Lower Upper

43 100

72 26.8 22.0 33.0



#26

2,2-Dichloropropane

Concen: 0.25 ug/l

RT: 4.76 min Scan# 591

Delta R.T. 0.18 min

Lab File: VX004522.D

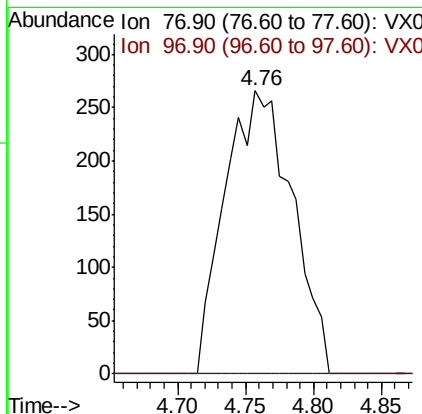
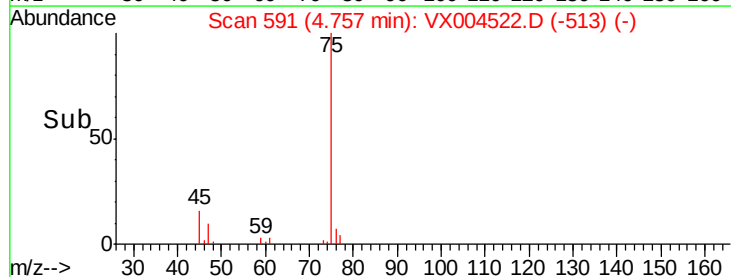
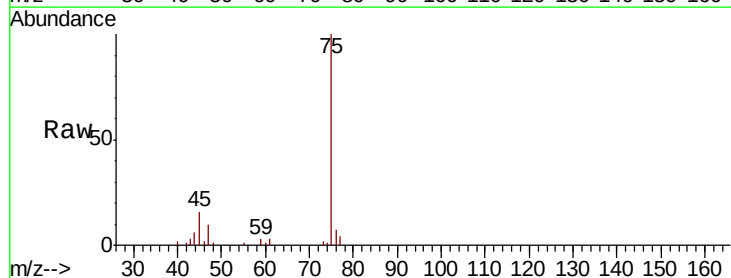
Acq: 13 Sep 2018 17:55

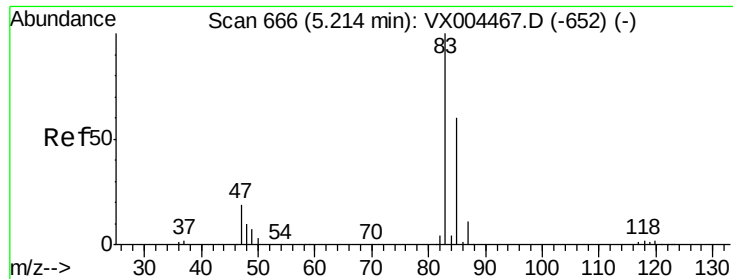
Tgt Ion: 77 Resp: 919

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.0#

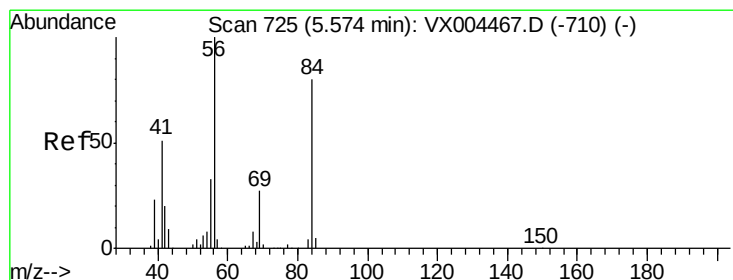
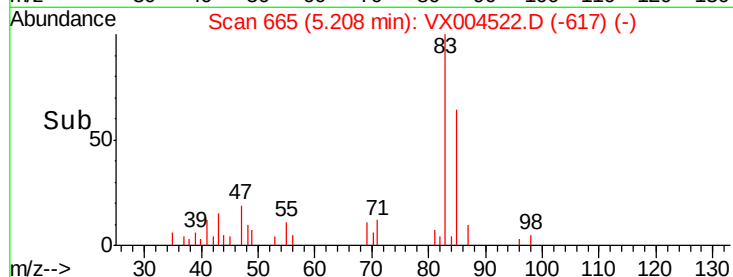
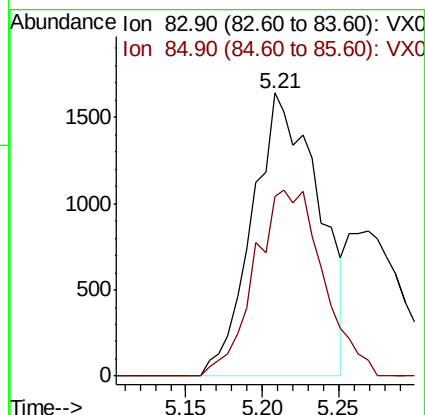
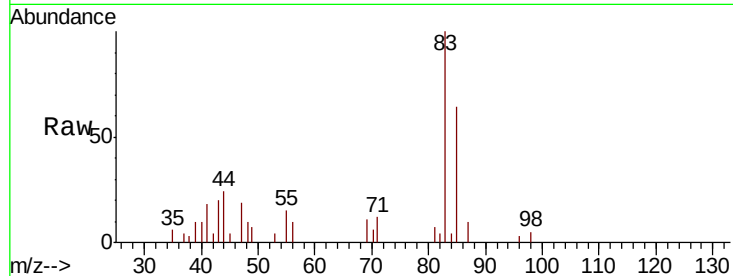




#30
Chloroform
Concen: 0.94 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX004522.D
Acq: 13 Sep 2018 17:55

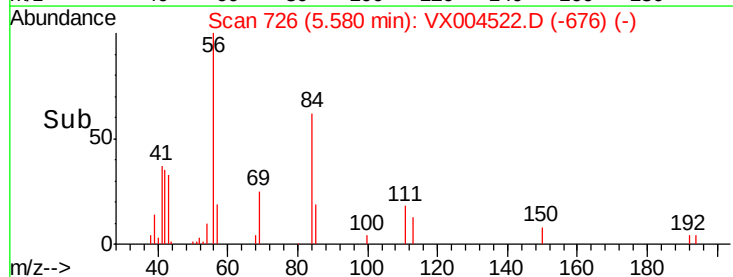
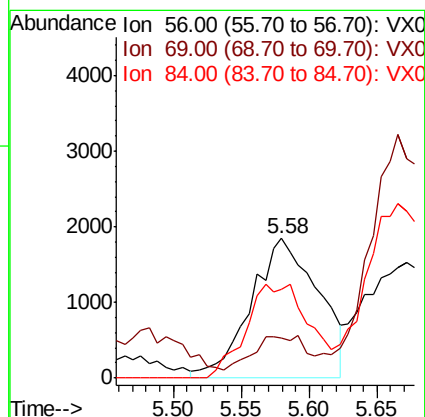
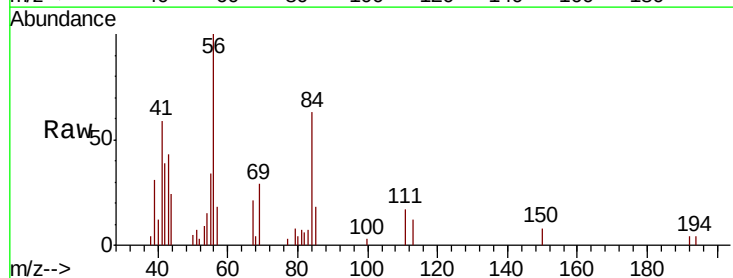
Instrument :
MSVOA_X
ClientSampleId :
C-MW-07-091118

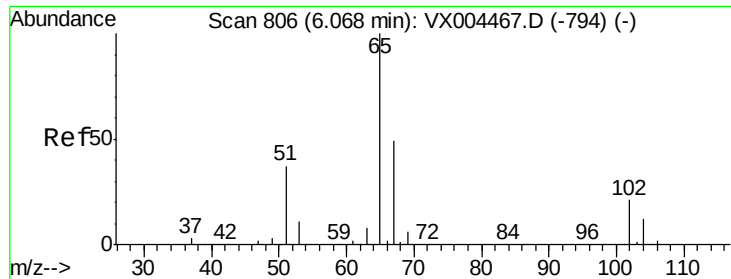
Tot Ion: 83 Resp: 4967
Ion Ratio Lower Upper
83 100
85 63.6 52.6 79.0



#31
Cyclohexane
Concen: 1.37 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX004522.D
Acq: 13 Sep 2018 17:55

Tgt Ion: 56 Resp: 6353
Ion Ratio Lower Upper
56 100
69 13.9 25.4 38.2#
84 66.8 71.4 107.2#

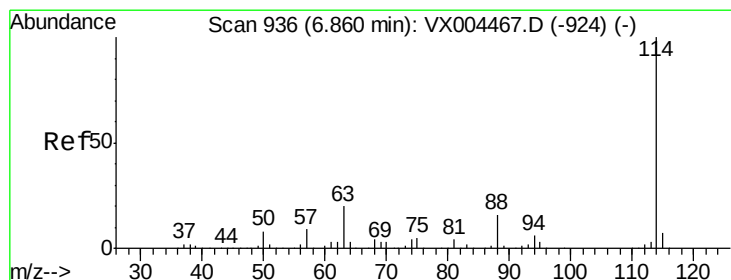
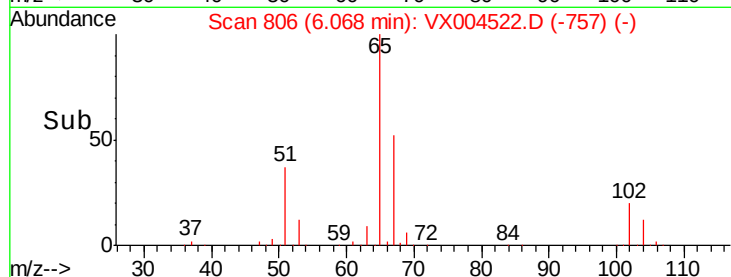
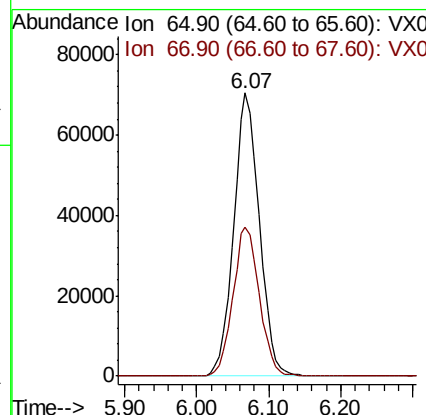
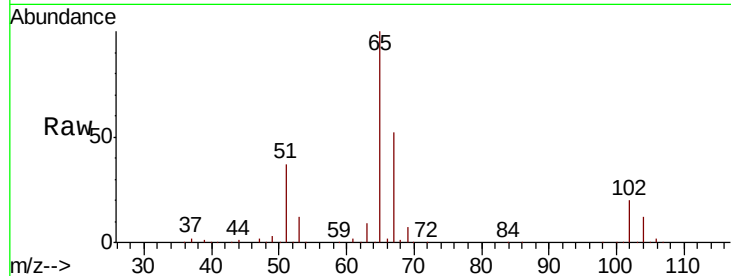




#33
 1,2-Dichloroethane-d4
 Concen: 54.48 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004522.D
 Acq: 13 Sep 2018 17:55

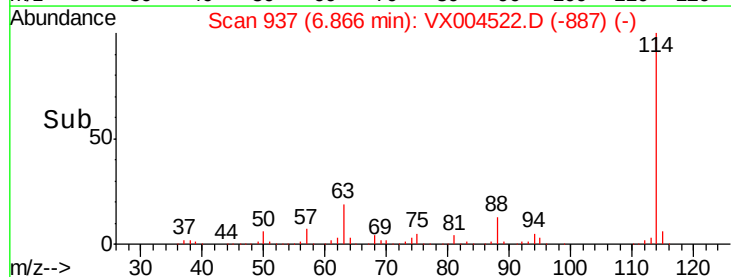
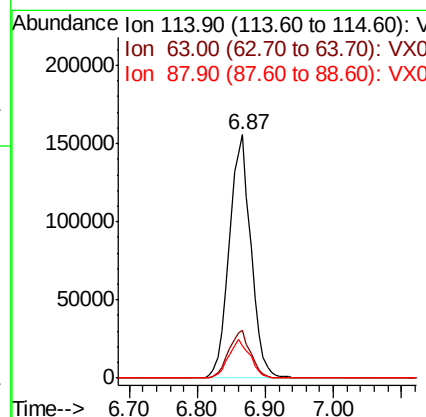
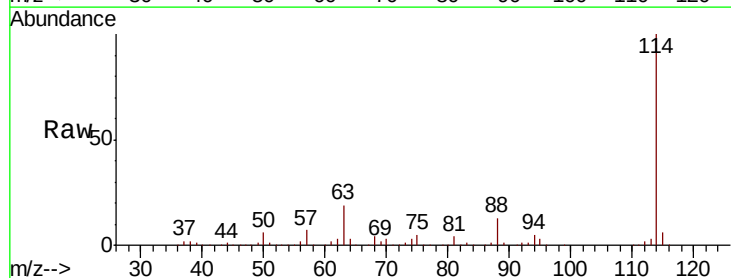
Instrument :
 MSVOA_X
 ClientSampleId :
 C-MW-07-091118

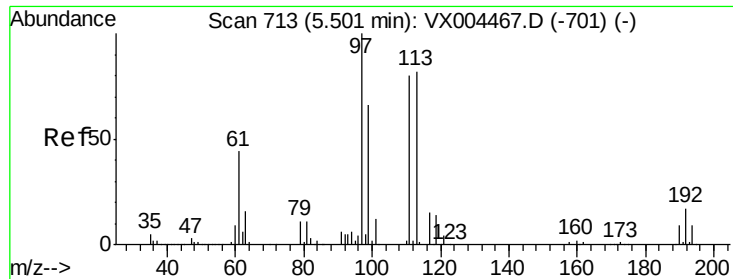
Tot Ion: 65 Resp: 174332
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX004522.D
 Acq: 13 Sep 2018 17:55

Tgt Ion: 114 Resp: 344278
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.0
 88 13.2 0.0 30.4

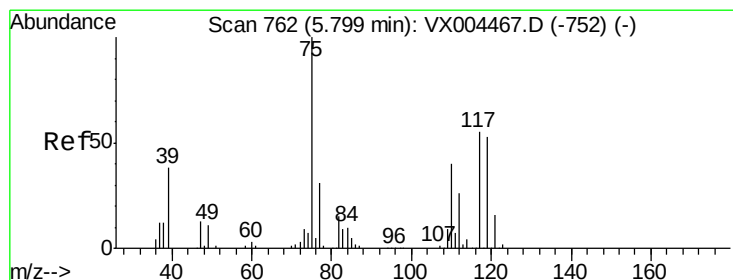
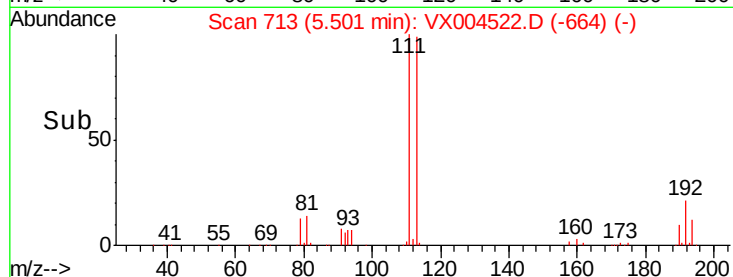
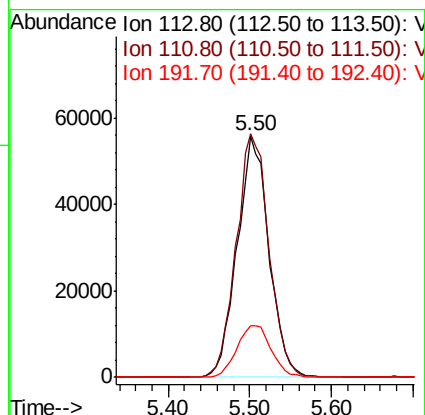
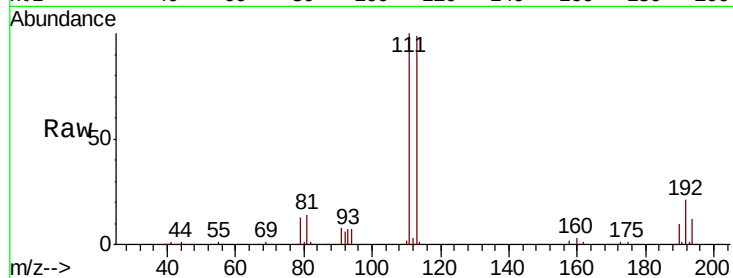




#35
 Dibromofluoromethane
 Concen: 47.56 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004522.D
 Acq: 13 Sep 2018 17:55

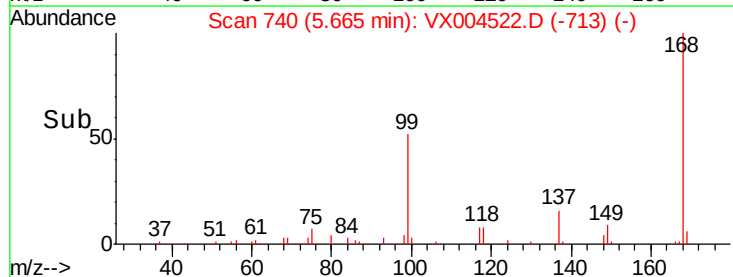
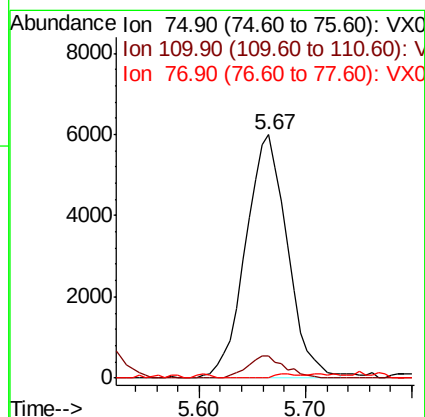
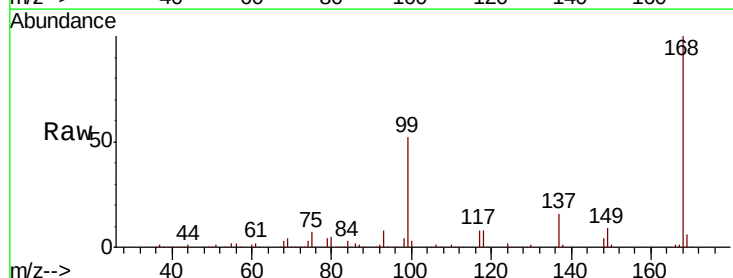
Instrument :
 MSVOA_X
 ClientSampleId :
 C-MW-07-091118

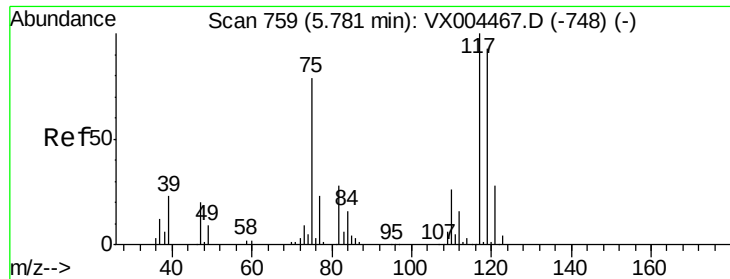
Tot Ion:113 Resp: 149849
 Ion Ratio Lower Upper
 113 100
 111 104.2 82.4 123.6
 192 23.3 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 3.95 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX004522.D
 Acq: 13 Sep 2018 17:55

Tgt Ion: 75 Resp: 16496
 Ion Ratio Lower Upper
 75 100
 110 8.3 18.0 54.0#
 77 1.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 4.99 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX004522.D

Acq: 13 Sep 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

C-MW-07-091118

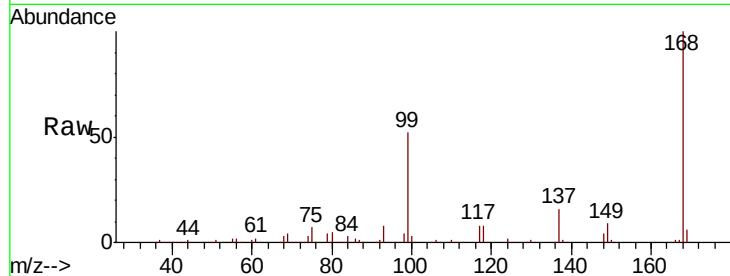
Tot Ion:117 Resp: 20371

Ion Ratio Lower Upper

117 100

119 5.7 78.8 118.2#

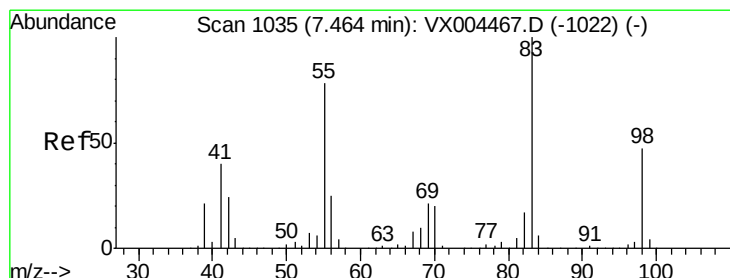
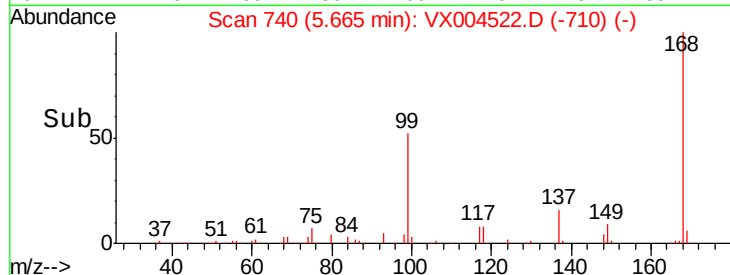
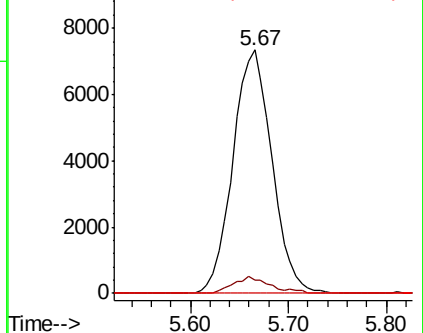
121 0.0 24.9 37.3#



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: 1.86 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX004522.D

Acq: 13 Sep 2018 17:55

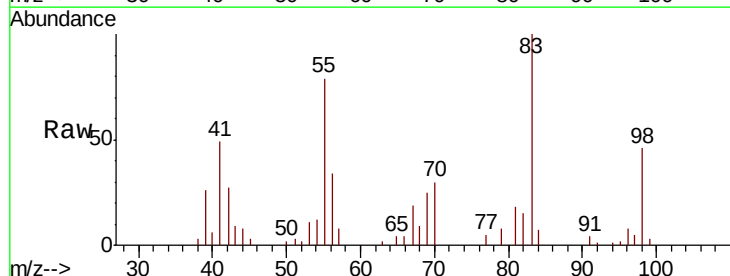
Tgt Ion: 83 Resp: 8114

Ion Ratio Lower Upper

83 100

55 79.4 61.0 91.4

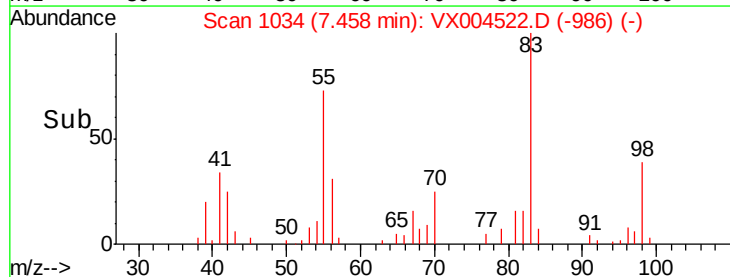
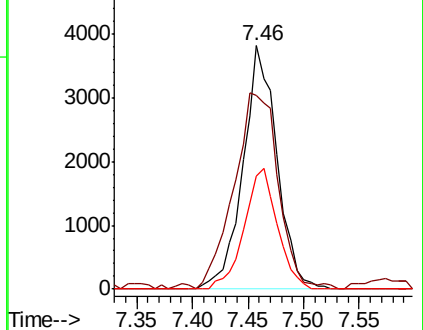
98 46.5 39.6 59.4

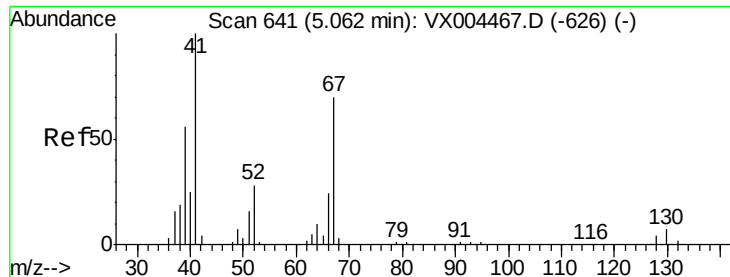


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#41

Methacrylonitrile

Concen: 0.28 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX004522.D

Acq: 13 Sep 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

C-MW-07-091118

Tot Ion: 41 Resp: 745

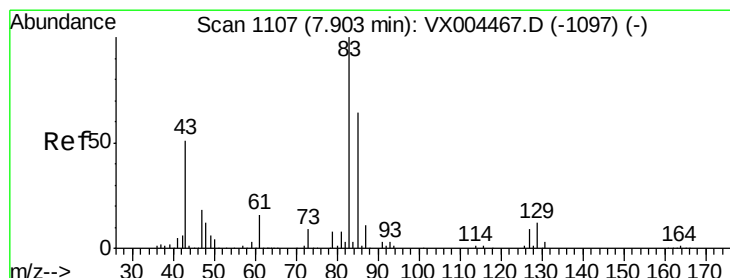
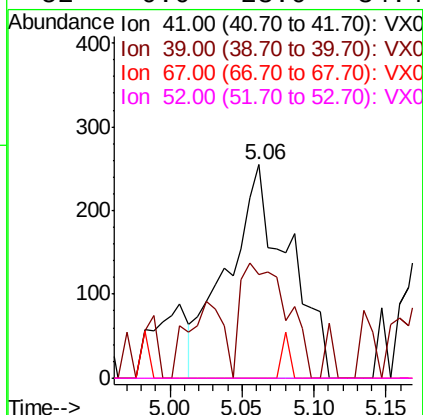
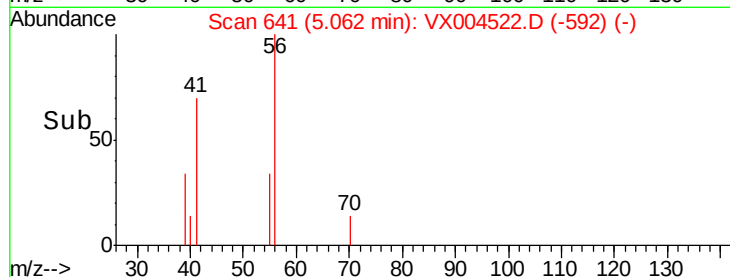
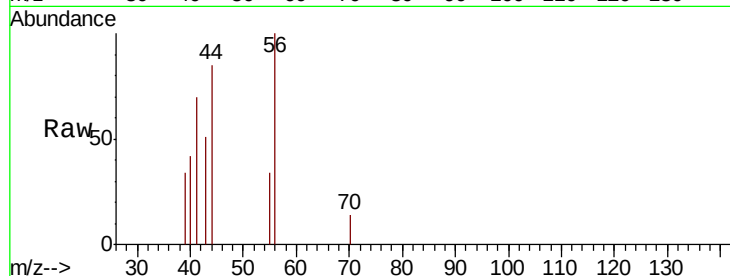
Ion Ratio Lower Upper

41 100

39 41.2 42.4 63.6#

67 0.0 59.2 88.8#

52 0.0 23.0 34.4#



#47

Bromodichloromethane

Concen: 0.35 ug/l

RT: 7.98 min Scan# 1120

Delta R.T. 0.08 min

Lab File: VX004522.D

Acq: 13 Sep 2018 17:55

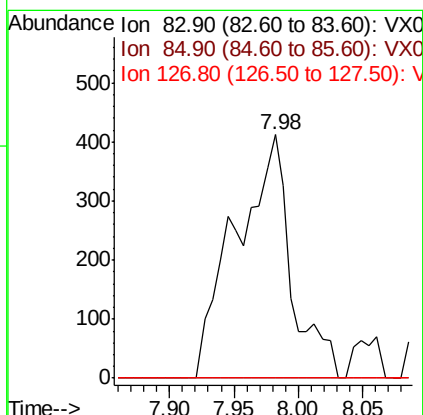
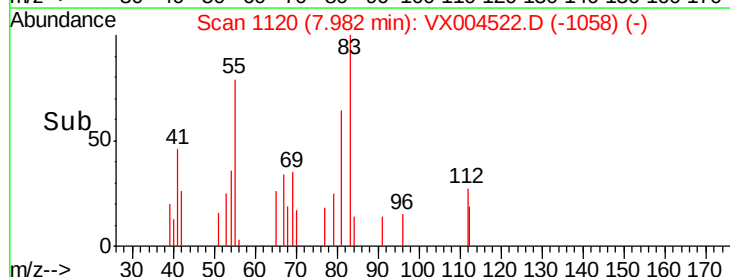
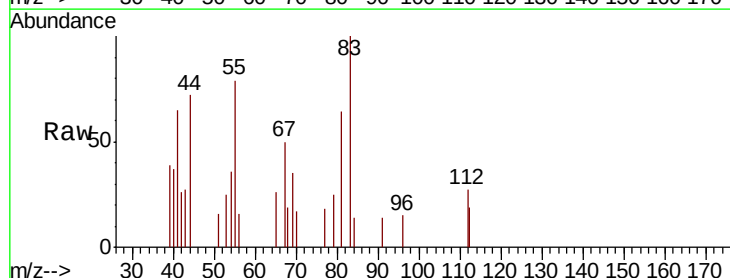
Tgt Ion: 83 Resp: 1235

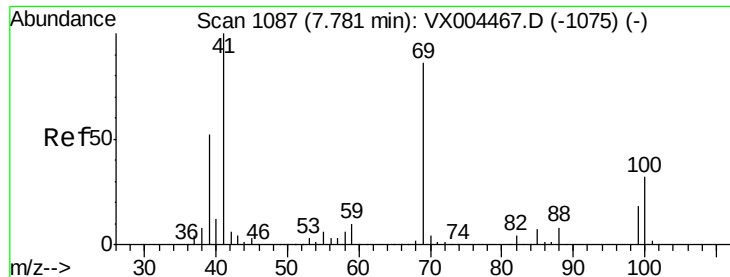
Ion Ratio Lower Upper

83 100

85 0.0 50.9 76.3#

127 0.0 7.3 10.9#





#48

Methvl methacrylate

Concen: 0.30 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.04 min

Lab File: VX004522.D

Acq: 13 Sep 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

C-MW-07-091118

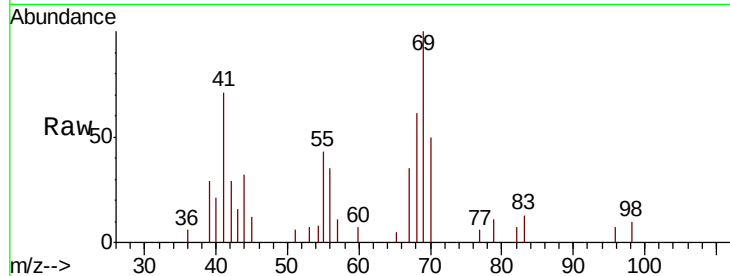
Tot Ion: 41 Resp: 952

Ion Ratio Lower Upper

41 100

69 195.3 70.2 105.4#

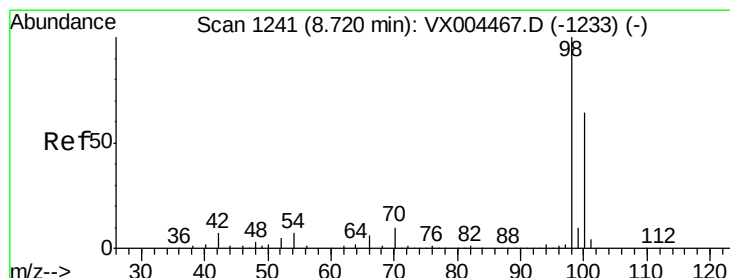
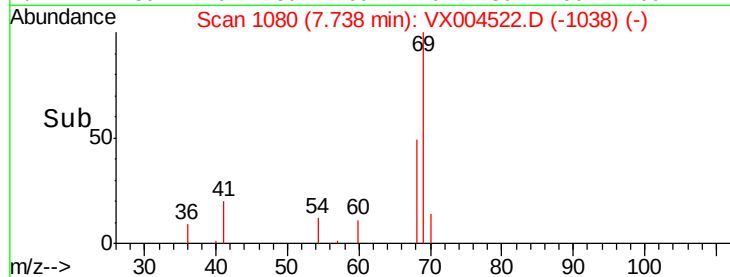
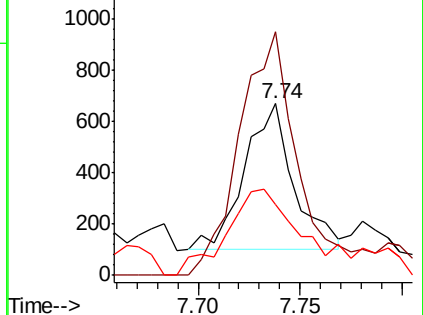
39 89.7 42.7 64.1#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#50

Toluene-d8

Concen: 48.78 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004522.D

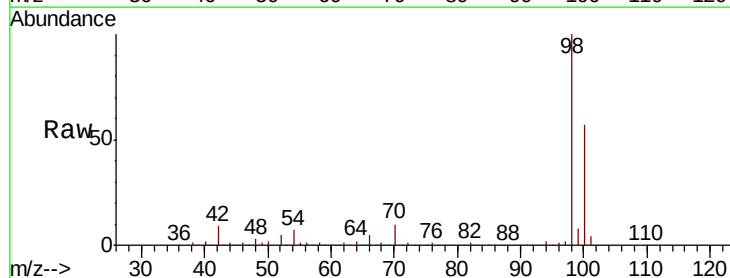
Acq: 13 Sep 2018 17:55

Tgt Ion: 98 Resp: 515335

Ion Ratio Lower Upper

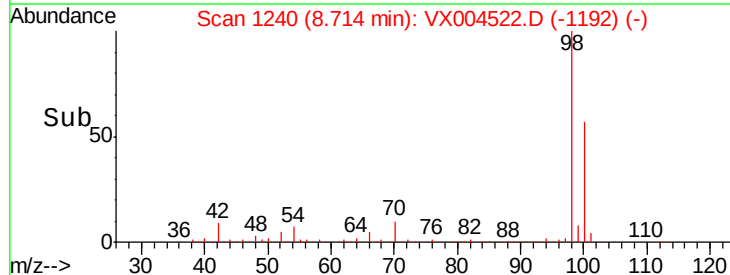
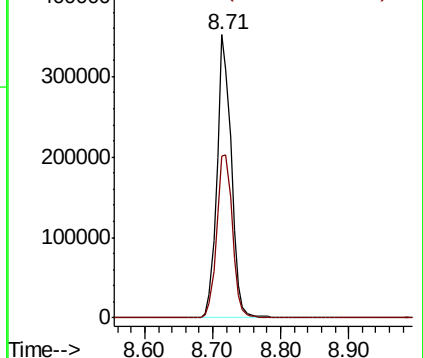
98 100

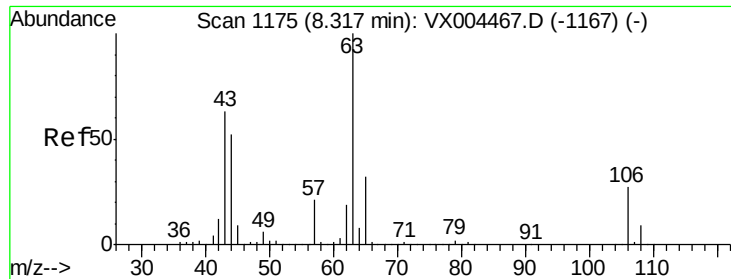
100 63.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

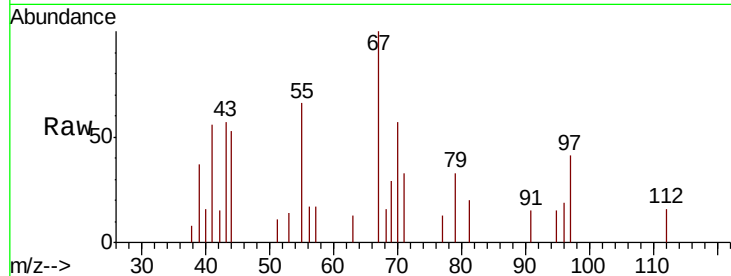




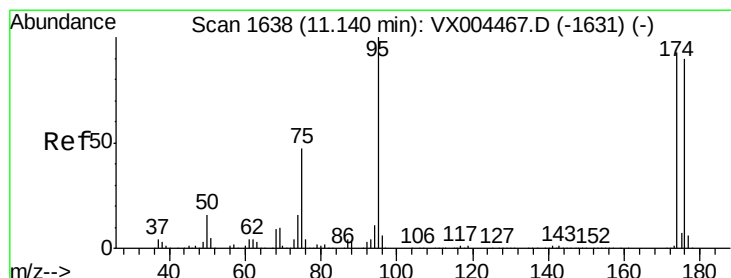
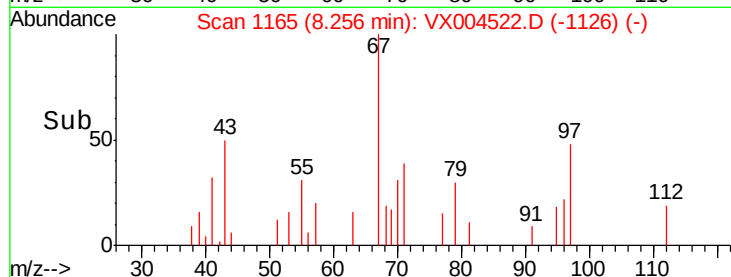
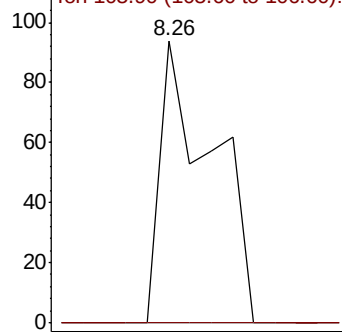
#58
 2-Chloroethyl Vinyl ether
 Concen: 7.31 ug/l
 RT: 8.26 min Scan# 1165
 Delta R.T. -0.06 min
 Lab File: VX004522.D
 Acq: 13 Sep 2018 17:55

Instrument :
 MSVOA_X
 ClientSampleId :
 C-MW-07-091118

Tot Ion: 63 Resp: 97
 Ion Ratio Lower Upper
 63 100
 106 0.0 23.9 35.9#

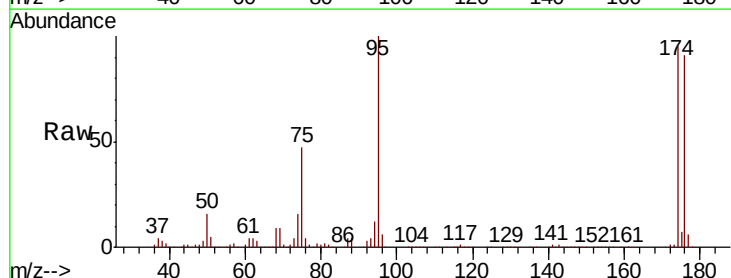


Abundance Ion 62.90 (62.60 to 63.60): VX0
 Ion 105.90 (105.60 to 106.60): V

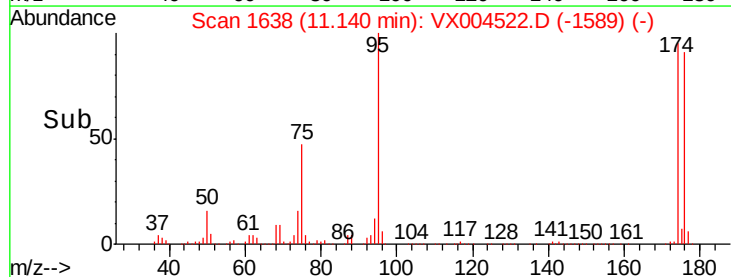
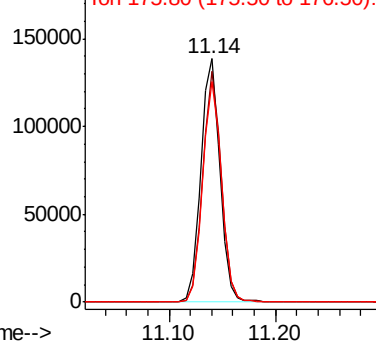


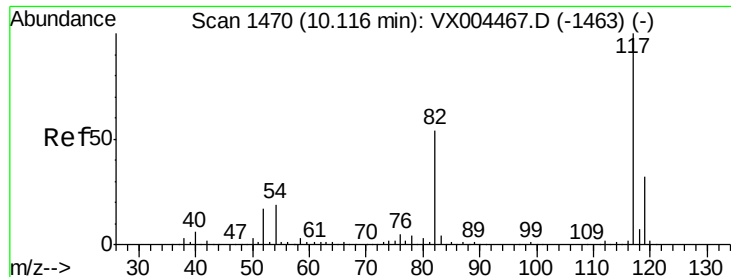
#62
 4-Bromofluorobenzene
 Concen: 46.47 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: VX004522.D
 Acq: 13 Sep 2018 17:55

Tgt Ion: 95 Resp: 175248
 Ion Ratio Lower Upper
 95 100
 174 92.4 0.0 185.2
 176 89.6 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX0
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V

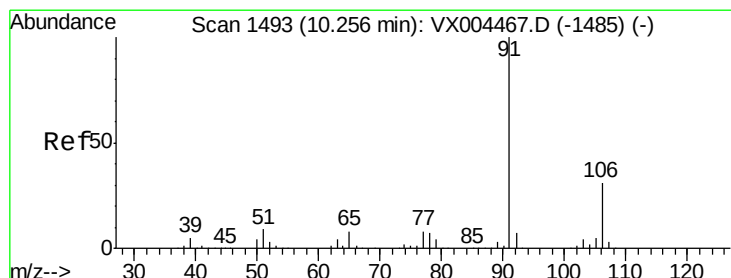
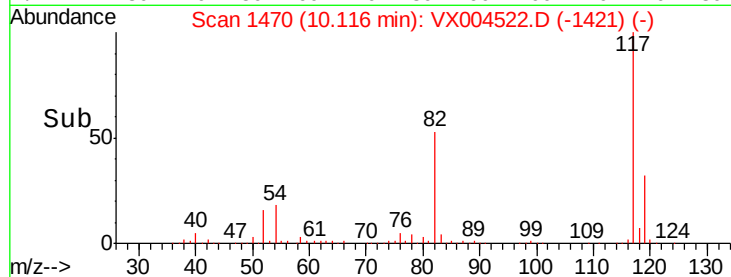
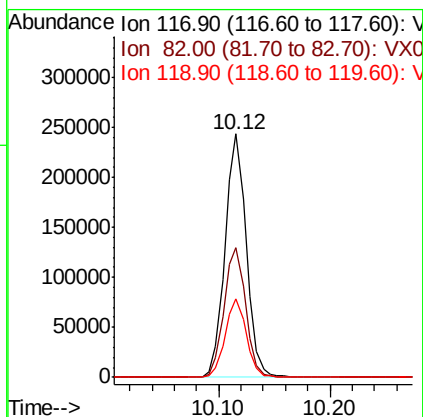
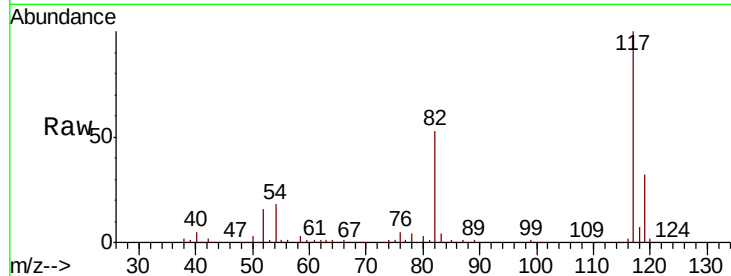




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004522.D
Acq: 13 Sep 2018 17:55

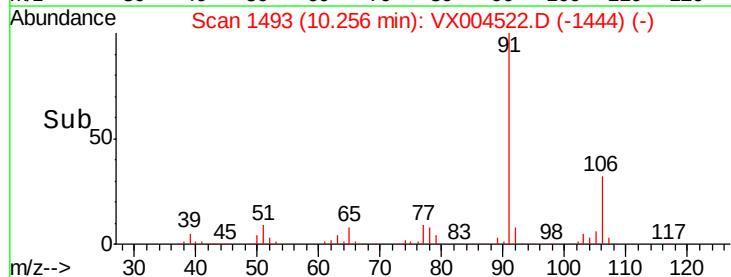
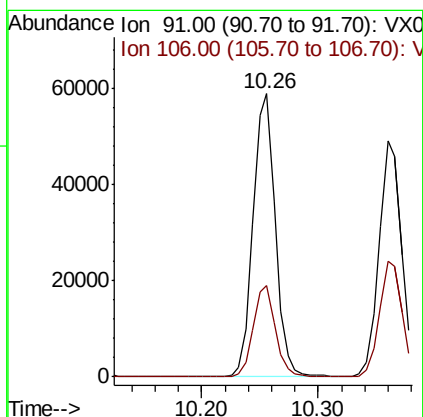
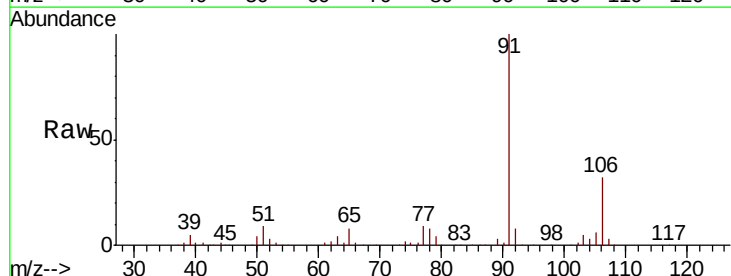
Instrument :
MSVOA_X
ClientSampleId :
C-MW-07-091118

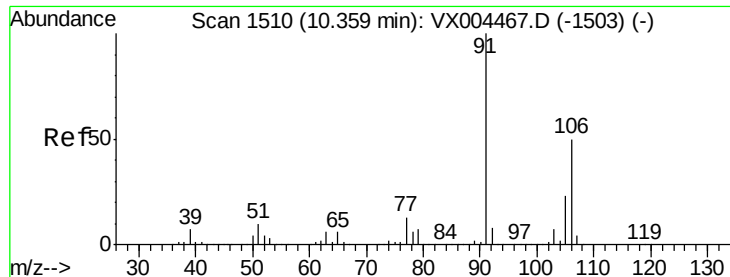
Tot Ion:117 Resp: 321837
Ion Ratio Lower Upper
117 100
82 53.3 47.8 71.6
119 32.5 29.3 43.9



#67
Ethyl Benzene
Concen: 6.08 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX004522.D
Acq: 13 Sep 2018 17:55

Tgt Ion: 91 Resp: 79004
Ion Ratio Lower Upper
91 100
106 32.5 25.9 38.9

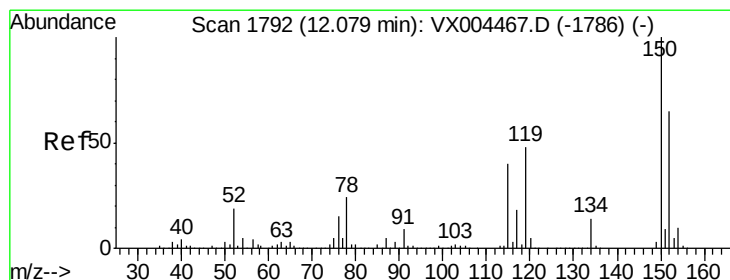
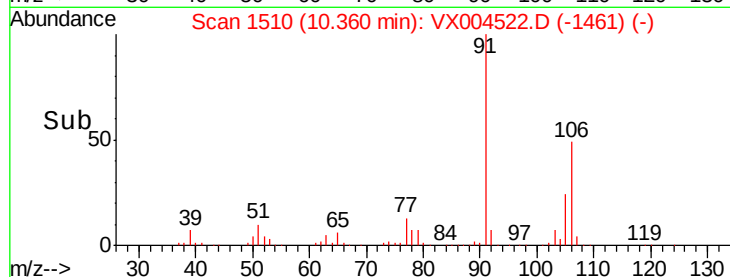
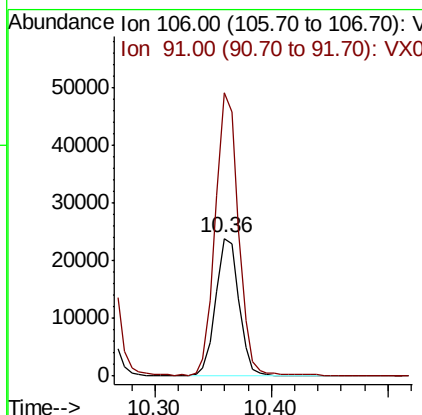
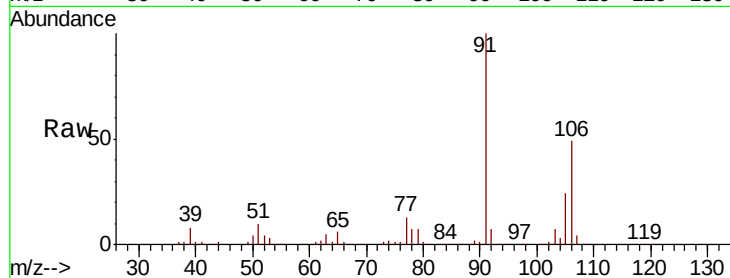




#68
m/p-Xylenes
Concen: 6.61 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX004522.D
Acq: 13 Sep 2018 17:55

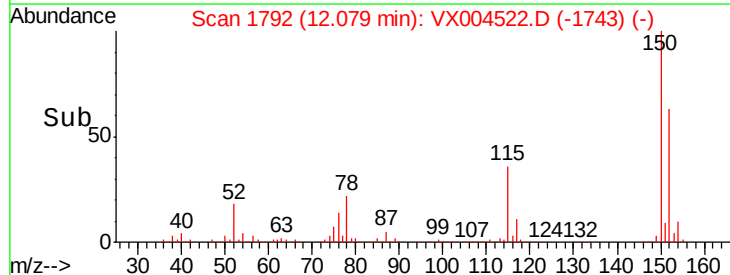
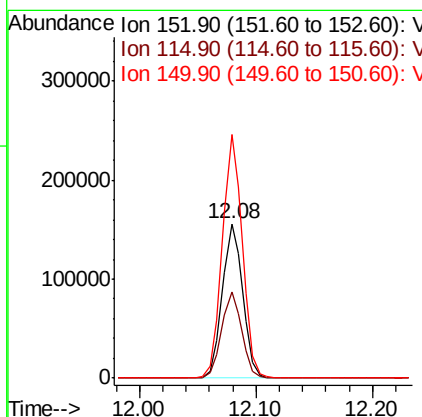
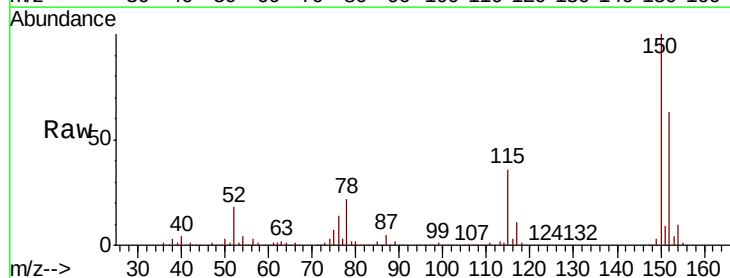
Instrument :
MSVOA_X
ClientSampleId :
C-MW-07-091118

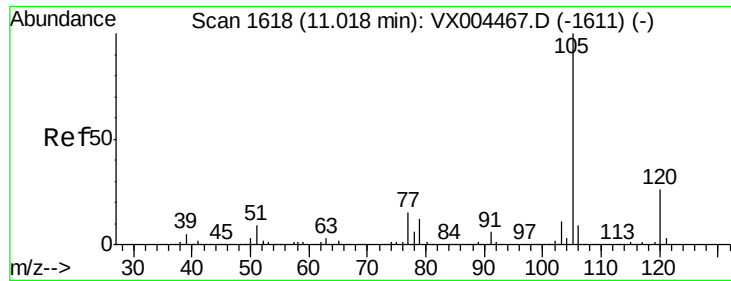
Tot Ion:106 Resp: 33087
Ion Ratio Lower Upper
106 100
91 202.9 157.1 235.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004522.D
Acq: 13 Sep 2018 17:55

Tgt Ion:152 Resp: 187671
Ion Ratio Lower Upper
152 100
115 55.3 39.0 117.0
150 155.0 0.0 351.0





#73

Isopropylbenzene

Concen: 3.38 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004522.D

Acq: 13 Sep 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

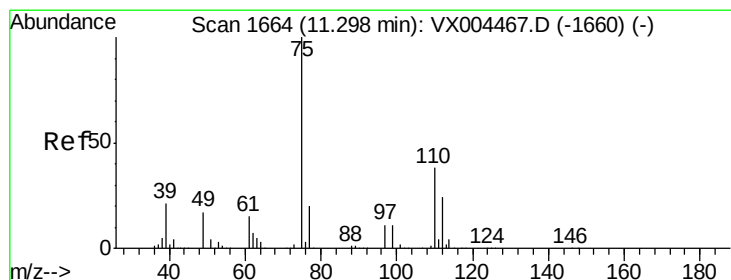
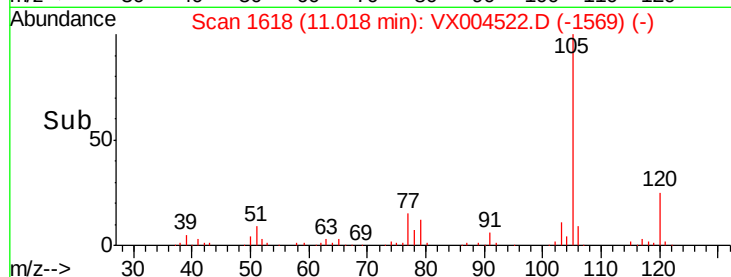
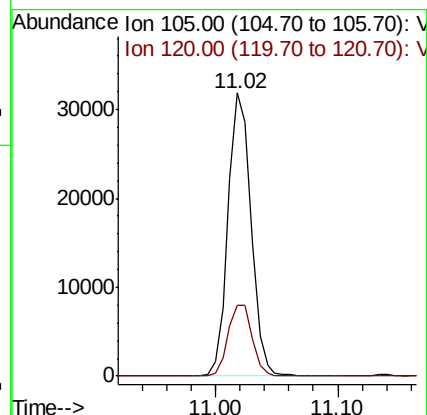
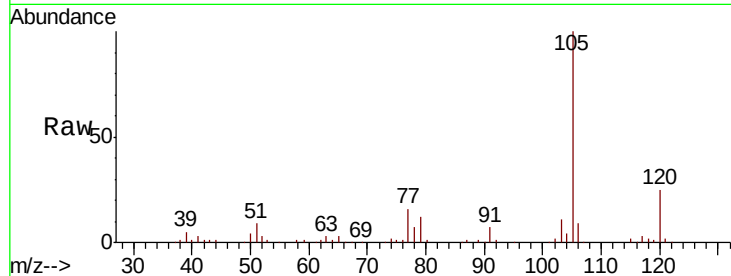
C-MW-07-091118

Tot Ion:105 Resp: 41733

Ion Ratio Lower Upper

105 100

120 26.2 13.5 40.4



#76

1,2,3-Trichloropropane

Concen: 22.21 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX004522.D

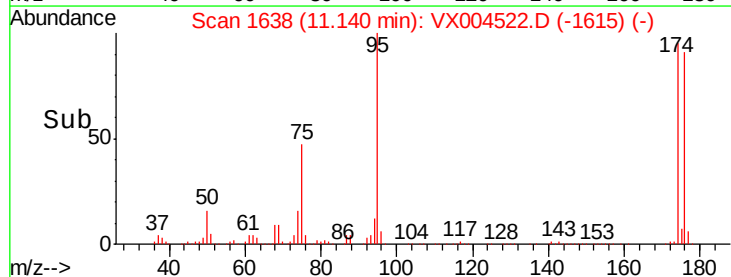
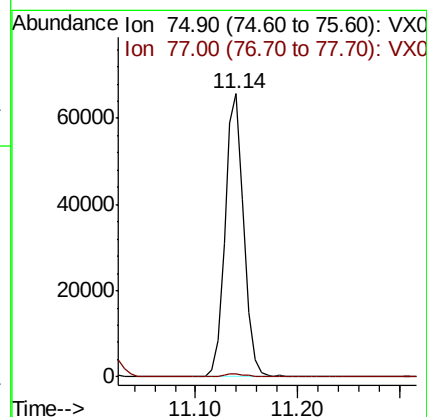
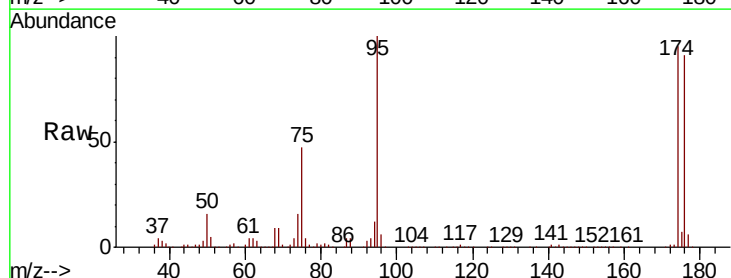
Acq: 13 Sep 2018 17:55

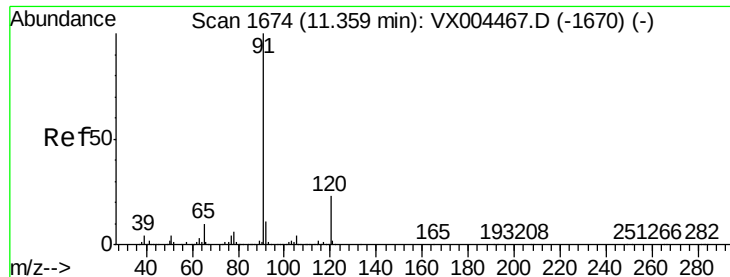
Tgt Ion: 75 Resp: 83843

Ion Ratio Lower Upper

75 100

77 1.5 20.2 60.6#





#78

n-propylbenzene

Concen: 4.09 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004522.D

Acq: 13 Sep 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

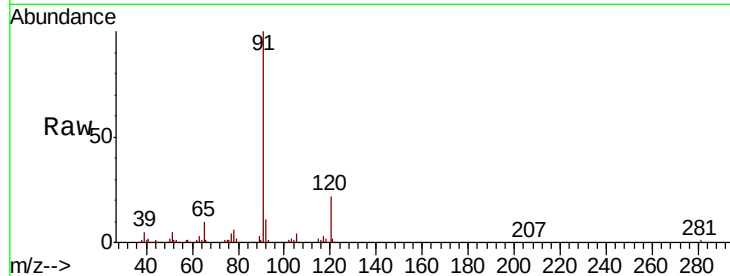
C-MW-07-091118

Tot Ion: 91 Resp: 58186

Ion Ratio Lower Upper

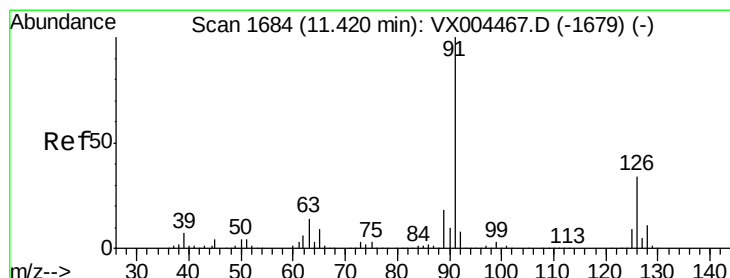
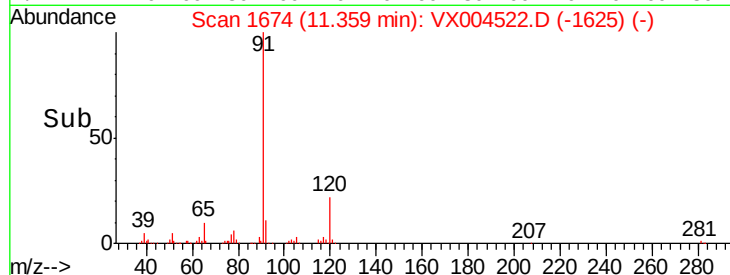
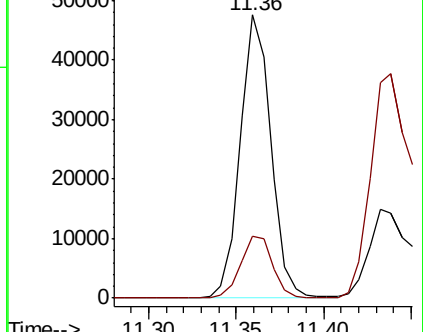
91 100

120 22.8 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 3.26 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX004522.D

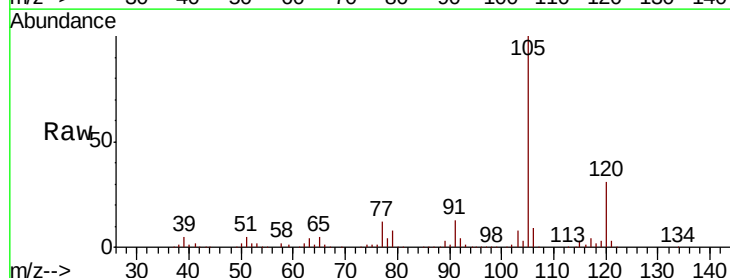
Acq: 13 Sep 2018 17:55

Tgt Ion: 91 Resp: 28098

Ion Ratio Lower Upper

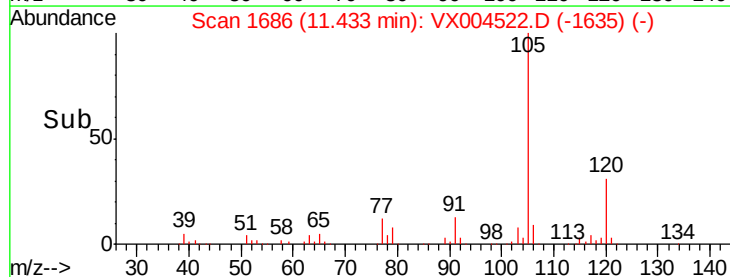
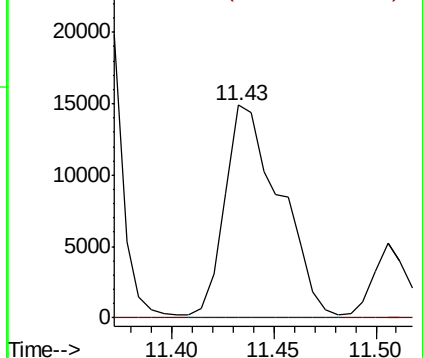
91 100

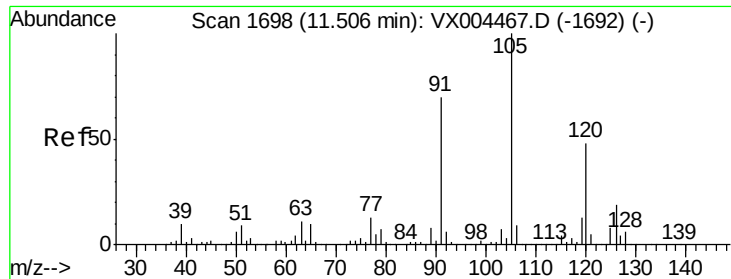
126 0.0 17.9 53.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

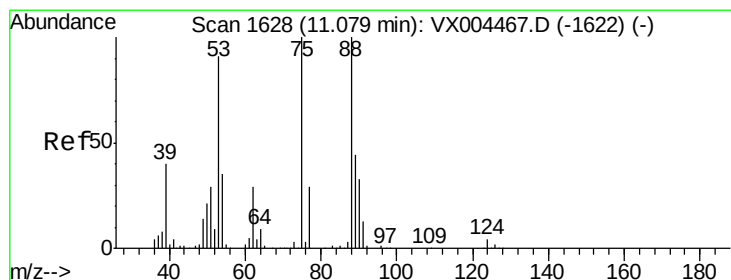
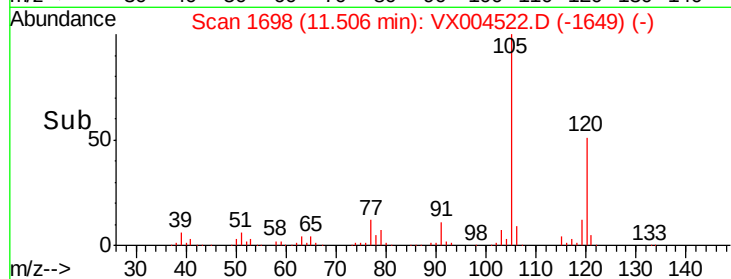
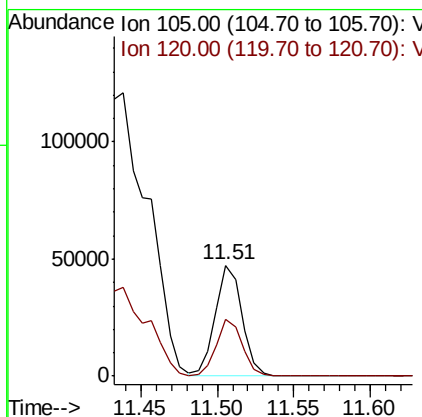
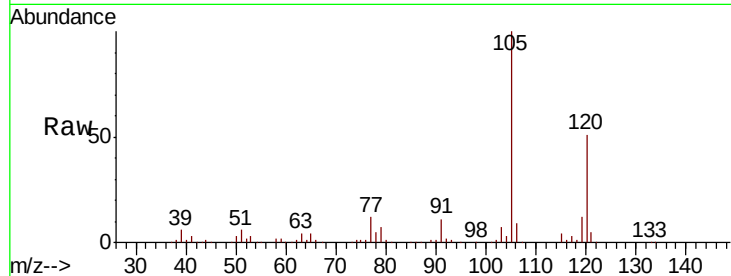




#80
 1,3,5-Trimethylbenzene
 Concen: 5.56 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX004522.D
 Acq: 13 Sep 2018 17:55

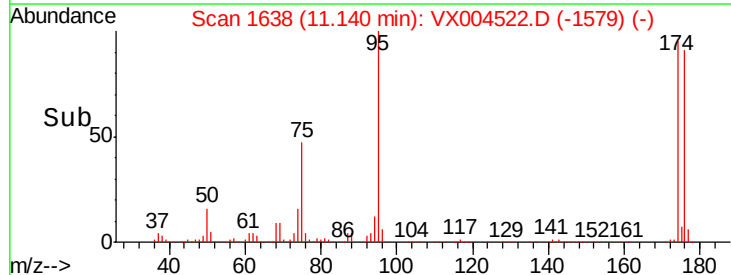
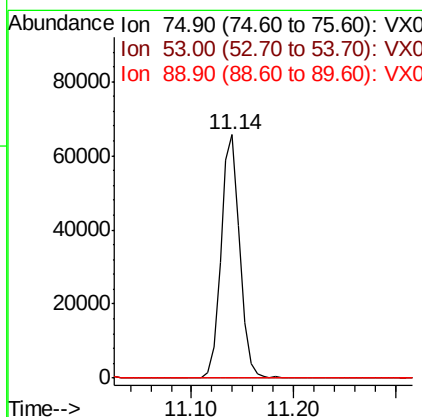
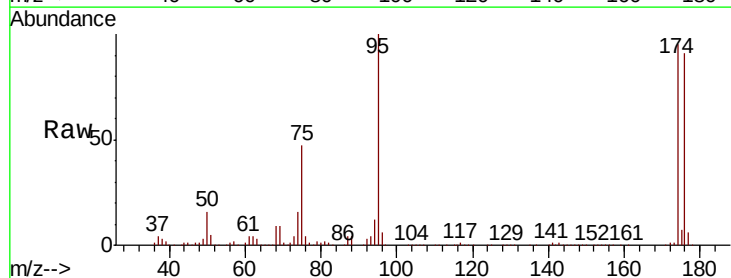
Instrument :
 MSVOA_X
 ClientSampleId :
 C-MW-07-091118

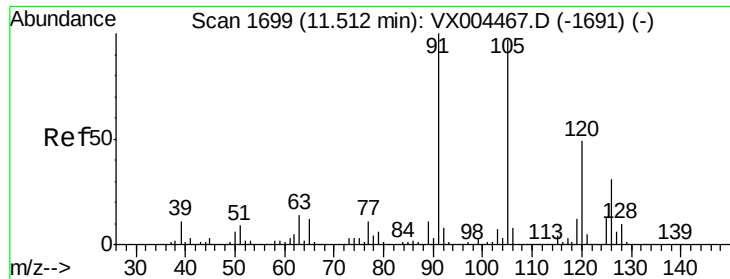
Tot Ion:105 Resp: 57778
 Ion Ratio Lower Upper
 105 100
 120 49.7 25.6 76.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.78 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.06 min
 Lab File: VX004522.D
 Acq: 13 Sep 2018 17:55

Tgt Ion: 75 Resp: 83843
 Ion Ratio Lower Upper
 75 100
 53 0.2 80.1 120.1#
 89 0.0 37.2 55.8#

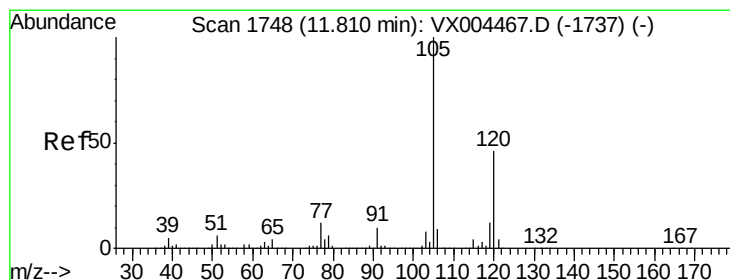
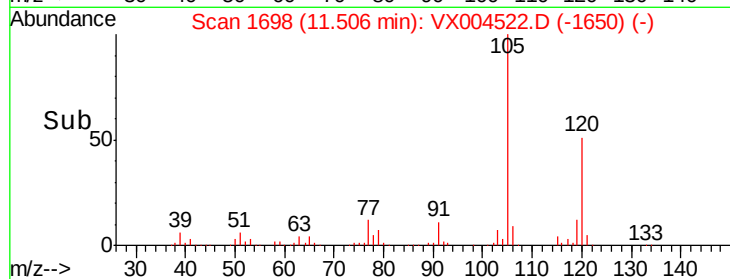
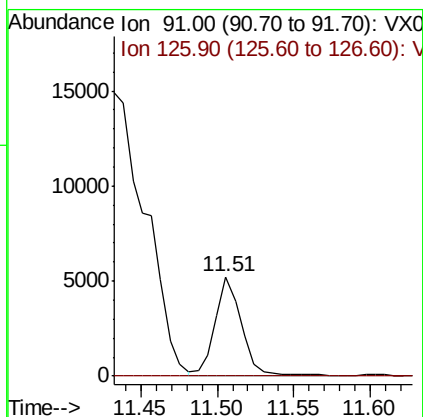
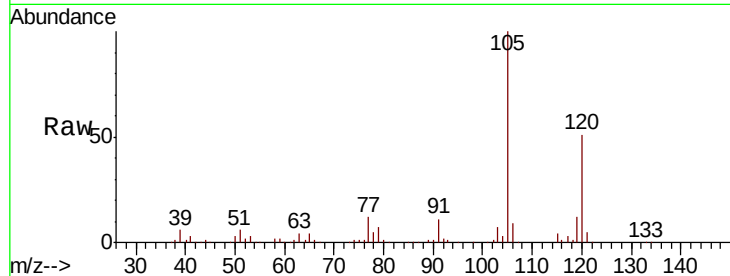




#82
4-Chlorotoluene
Concen: 0.63 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX004522.D
Acq: 13 Sep 2018 17:55

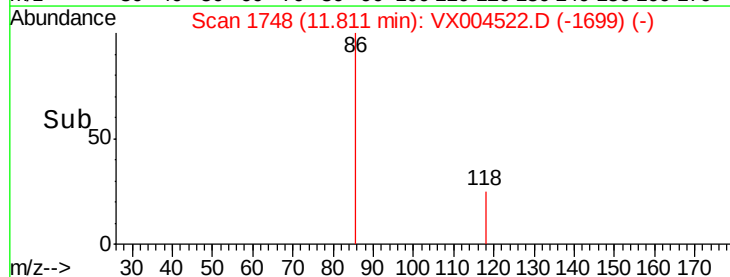
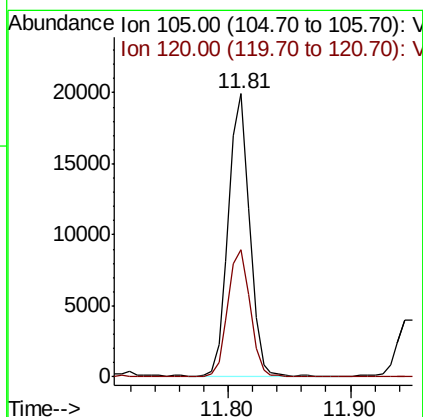
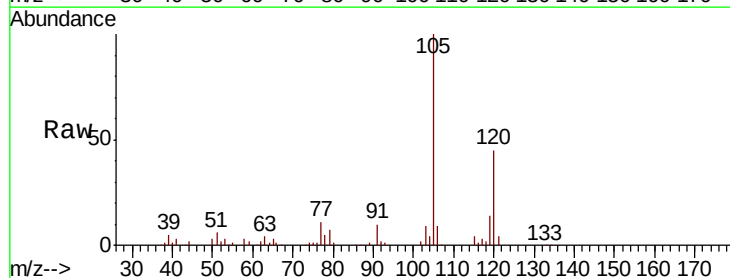
Instrument :
MSVOA_X
ClientSampled :
C-MW-07-091118

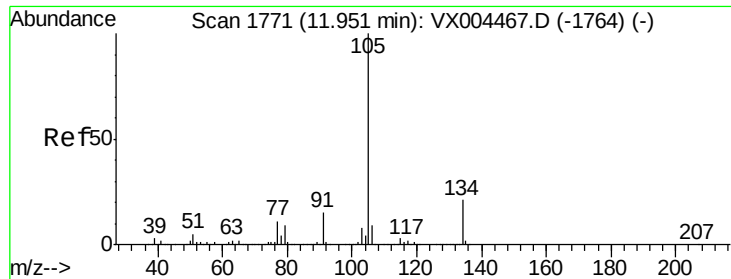
Tot Ion: 91 Resp: 6383
Ion Ratio Lower Upper
91 100
126 0.0 15.5 46.5#



#84
1,2,4-Trimethylbenzene
Concen: 2.27 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VX004522.D
Acq: 13 Sep 2018 17:55

Tgt Ion:105 Resp: 24134
Ion Ratio Lower Upper
105 100
120 46.7 23.2 69.6





#85

sec-Butylbenzene

Concen: 0.43 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004522.D

Acq: 13 Sep 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

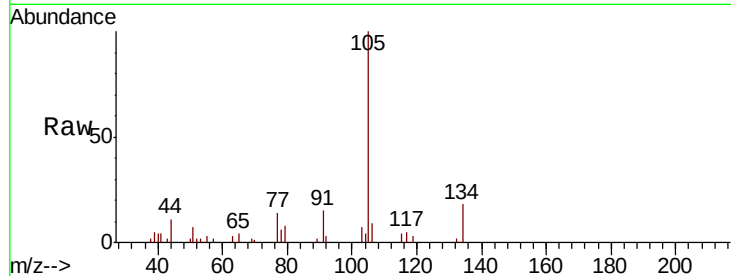
C-MW-07-091118

Tot Ion:105 Resp: 5446

Ion Ratio Lower Upper

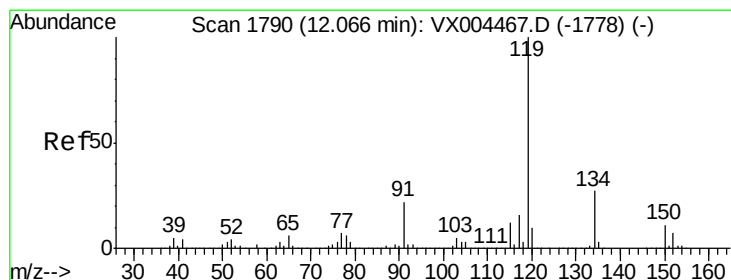
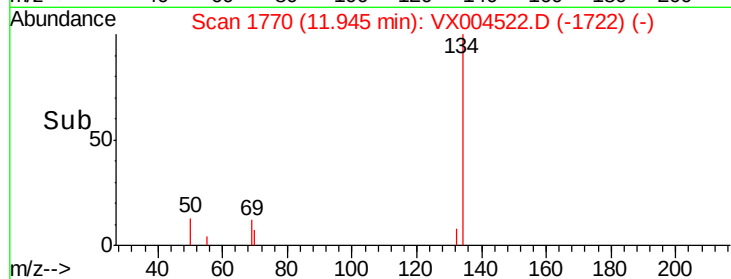
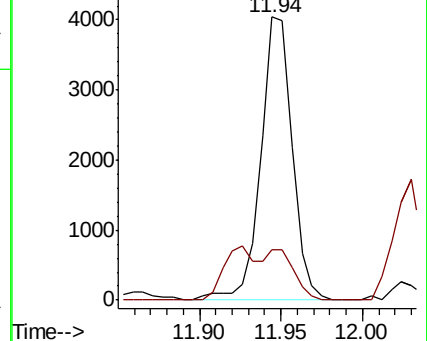
105 100

134 21.3 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.55 ug/l

RT: 12.03 min Scan# 1784

Delta R.T. -0.04 min

Lab File: VX004522.D

Acq: 13 Sep 2018 17:55

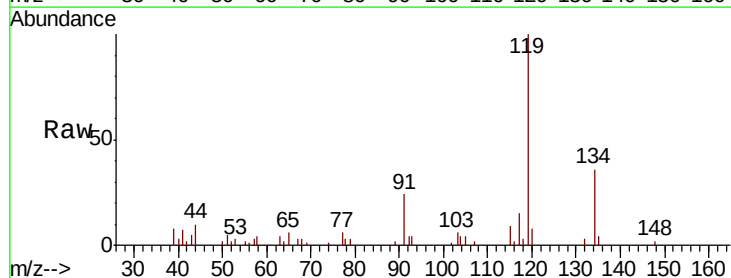
Tgt Ion:119 Resp: 6147

Ion Ratio Lower Upper

119 100

134 33.0 13.4 40.2

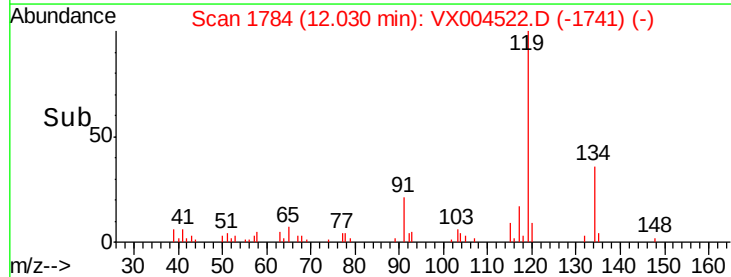
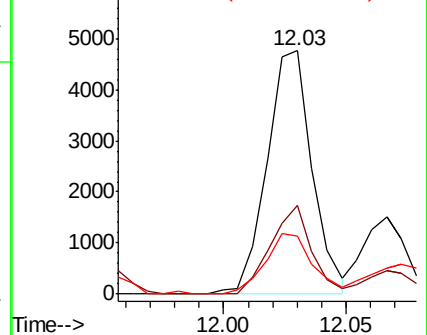
91 26.3 10.9 32.7

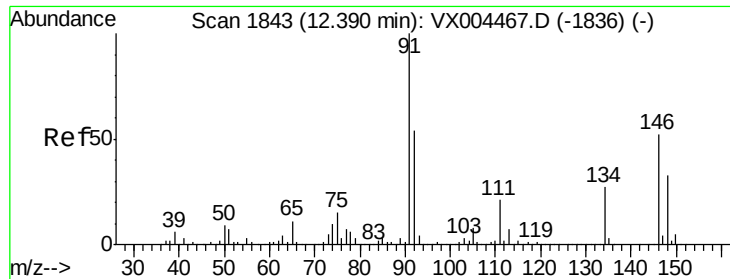


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#89

n-Butylbenzene

Concen: 1.17 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX004522.D

Acq: 13 Sep 2018 17:55

Instrument :

MSVOA_X

ClientSampled :

C-MW-07-091118

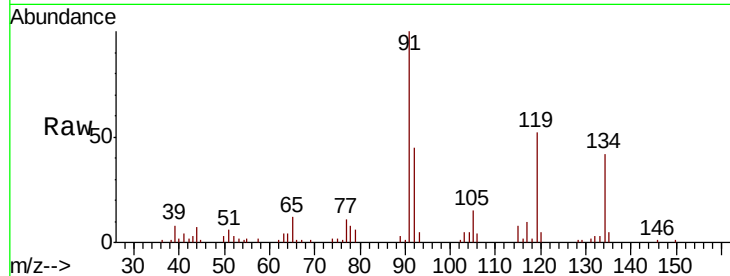
Tot Ion: 91 Resp: 11882

Ion Ratio Lower Upper

91 100

92 34.3 27.3 81.9

134 97.9 13.6 40.7#

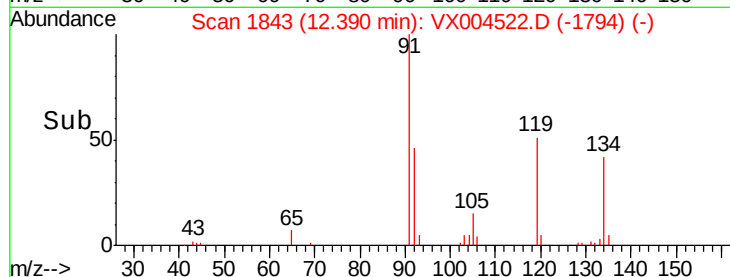


Abundance Ion 91.00 (90.70 to 91.70): VX004467.D (-1836) (-)

Ion 92.00 (91.70 to 92.70): VX004467.D (-1836) (-)

Ion 134.00 (133.70 to 134.70): VX004467.D (-1836) (-)

Time-->

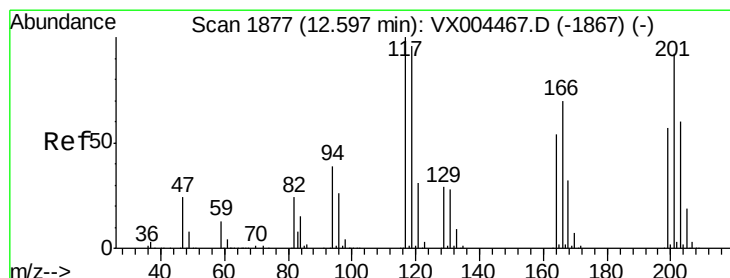


Abundance Ion 91.00 (90.70 to 91.70): VX004522.D (-1794) (-)

Ion 92.00 (91.70 to 92.70): VX004522.D (-1794) (-)

Ion 134.00 (133.70 to 134.70): VX004522.D (-1794) (-)

Time-->



#90

Hexachloroethane

Concen: 1.43 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX004522.D

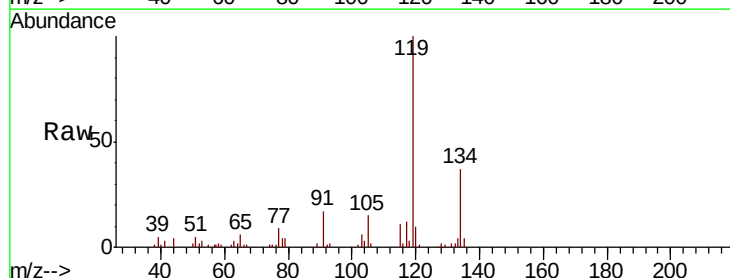
Acq: 13 Sep 2018 17:55

Tgt Ion: 117 Resp: 2555

Ion Ratio Lower Upper

117 100

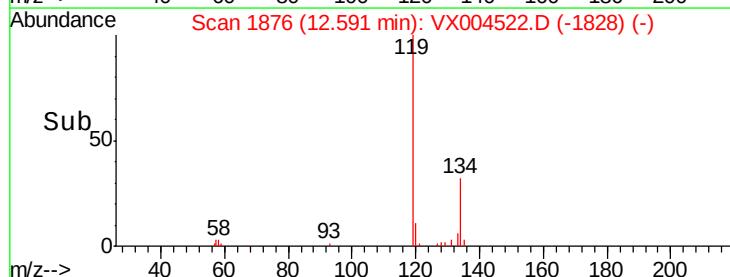
201 0.0 46.9 140.6#



Abundance Ion 116.80 (116.50 to 117.50): VX004467.D (-1867) (-)

Ion 200.70 (200.40 to 201.40): VX004467.D (-1867) (-)

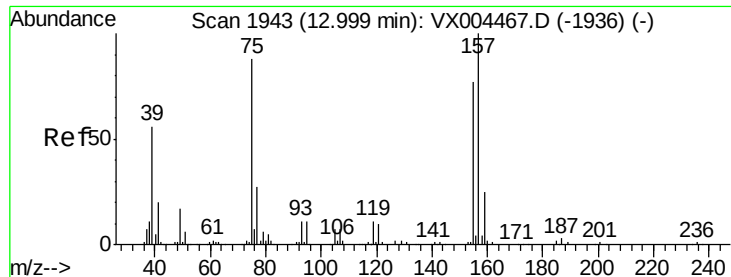
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VX004522.D (-1828) (-)

Ion 200.70 (200.40 to 201.40): VX004522.D (-1828) (-)

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.28 ug/l

RT: 12.98 min Scan# 1940

Delta R.T. -0.02 min

Lab File: VX004522.D

Acq: 13 Sep 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

C-MW-07-091118

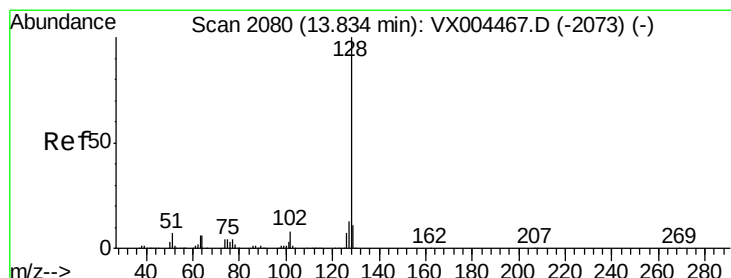
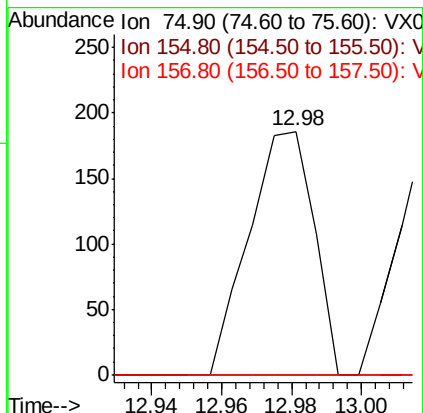
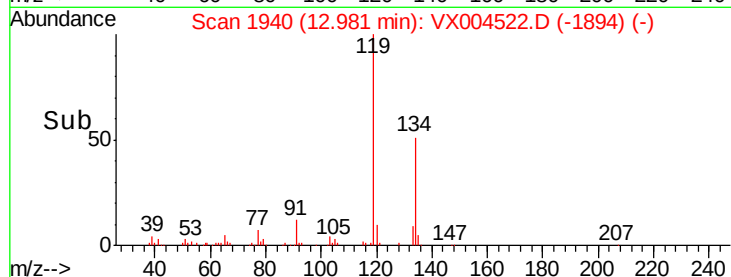
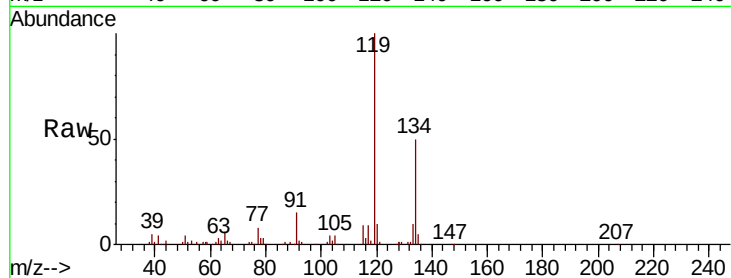
Tot Ion: 75 Resp: 240

Ion Ratio Lower Upper

75 100

155 0.0 48.0 144.2#

157 0.0 61.4 184.1#



#95

Naphthalene

Concen: 4.76 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004522.D

Acq: 13 Sep 2018 17:55

Tgt Ion: 128 Resp: 61014

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 11.0 8.6 12.8

