

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002617.D
 Acq On : 16 Jun 2018 00:35
 Operator : JC/MD
 Sample : J3467-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-05-061118

Quant Time: Jun 16 03:50:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	212224	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	305309	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	292631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	193397	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	146107	45.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.60%	
35) Dibromofluoromethane	5.51	113	111667	45.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.66%	
50) Toluene-d8	8.72	98	443148	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
62) 4-Bromofluorobenzene	11.14	95	172090	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	

Target Compounds

						Qvalue
3) Chloromethane	1.33	50	1740	0.65	ug/l #	68
5) Bromomethane	1.65	94	980	0.58	ug/l #	62
6) Chloroethane	1.94	64	515	0.28	ug/l #	66
10) Methyl Iodide	2.51	142	845	5.40	ug/l #	91
11) Tert butyl alcohol	3.09	59	253	0.38	ug/l #	73
13) Acrolein	2.27	56	4193	19.91	ug/l #	1
14) Allyl chloride	2.78	41	10044	2.13	ug/l #	23
15) Acrylonitrile	3.17	53	3663	2.52	ug/l #	37
16) Acetone	2.45	43	8683	6.10	ug/l #	94
17) Carbon Disulfide	2.59	76	2365	0.42	ug/l #	86
18) Methyl Acetate	2.77	43	5447	1.44	ug/l #	67
20) Methylene Chloride	2.86	84	1027	0.35	ug/l #	35
23) Vinyl Acetate	3.82	43	2996	0.42	ug/l #	75
25) 2-Butanone	4.73	43	1921	1.03	ug/l	96
29) Tetrahydrofuran	5.18	42	341	0.28	ug/l #	36
30) Chloroform	5.23	83	7860	1.76	ug/l	97
31) Cyclohexane	5.58	56	32608	8.57	ug/l #	96
36) 1,1-Dichloropropene	5.67	75	14625	4.51	ug/l #	53
38) Carbon Tetrachloride	5.67	117	19261	5.97	ug/l #	15
39) Methylcyclohexane	7.46	83	34026	8.98	ug/l	96
40) Benzene	6.15	78	10777	1.11	ug/l	92
41) Methacrylonitrile	5.07	41	985	0.48	ug/l #	25
43) Isopropyl Acetate	6.46	43	1614	0.27	ug/l #	66
45) 1,2-Dichloropropane	7.45	63	956	0.37	ug/l #	1
48) Methyl methacrylate	7.73	41	5064	1.63	ug/l #	59
52) Toluene	8.79	92	1341896	216.36	ug/l	99
53) t-1,3-Dichloropropene	8.46	75	19	2.40	ug/l #	43
54) cis-1,3-Dichloropropene	8.79	75	17111	7.41	ug/l #	1
56) Ethyl methacrylate	9.16	69	1125	0.29	ug/l #	9
59) 2-Hexanone	9.52	43	1026	0.35	ug/l	81
60) Dibromochloromethane	9.34	129	42	3.77	ug/l #	11
67) Ethyl Benzene	10.26	91	7555620	623.32	ug/l	97
68) m/p-Xylenes	10.37	106	10525370	2251.02	ug/l #	62
69) o-Xylene	10.70	106	28244	6.15	ug/l	96

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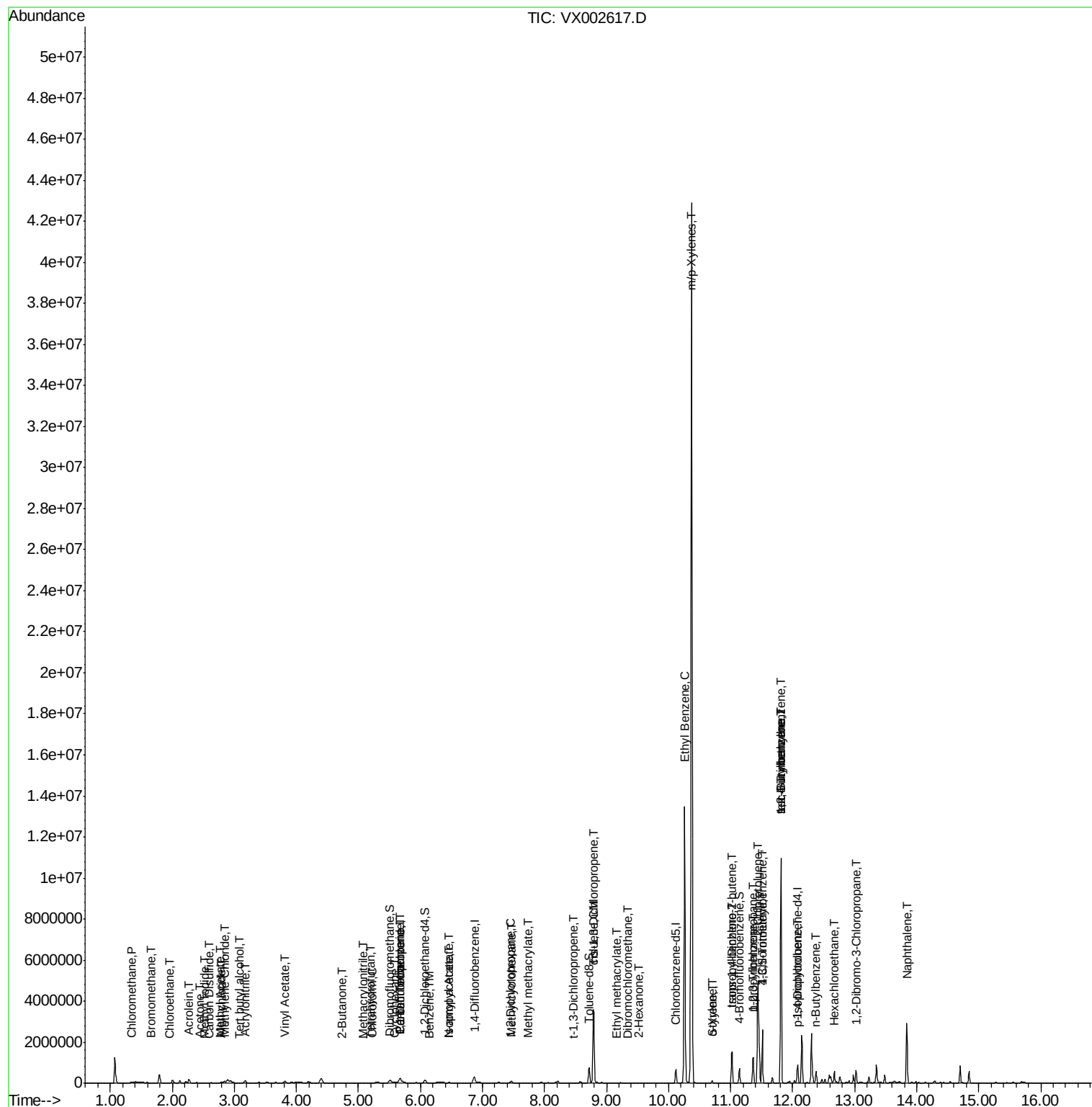
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) Styrene	10.70	104	2619	0.35	ug/l #	1
73) Isopropylbenzene	11.02	105	800011	61.85	ug/l	100
74) N-amyl acetate	6.46	43	1614	0.25	ug/l #	64
76) 1,2,3-Trichloropropane	11.37	75	5581	1.53	ug/l #	1
78) n-propylbenzene	11.37	91	779368	52.54	ug/l	100
79) 2-Chlorotoluene	11.44	91	416989	47.08	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	1079711	98.77	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.02	75	9714	11.99	ug/l #	70
82) 4-Chlorotoluene	11.51	91	117677	11.26	ug/l #	44
83) tert-Butylbenzene	11.81	119	570431	54.17	ug/l #	61
84) 1,2,4-Trimethylbenzene	11.81	105	4503725	403.77	ug/l	97
85) sec-Butylbenzene	11.81	105	4503725	343.96	ug/l #	56
86) p-Isopropyltoluene	12.07	119	28198	2.38	ug/l #	76
89) n-Butylbenzene	12.38	91	77821	7.45	ug/l #	18
90) Hexachloroethane	12.67	117	25539	15.73	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.02	75	2051	2.56	ug/l #	1
95) Naphthalene	13.84	128	1808225	139.21	ug/l	100

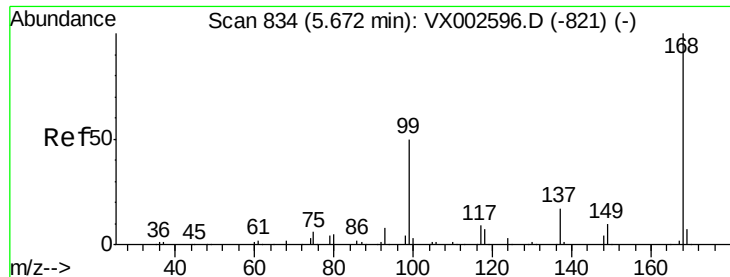
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002617.D

Acq: 16 Jun 2018 00:35

Instrument :

MSVOA_X

ClientSampleId :

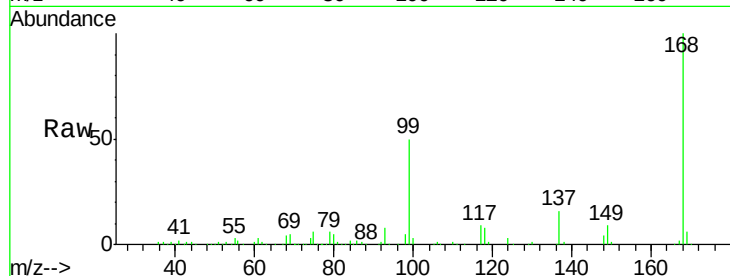
PR-MW-05-061118

Tot Ion:168 Resp: 212224

Ion Ratio Lower Upper

168 100

99 50.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

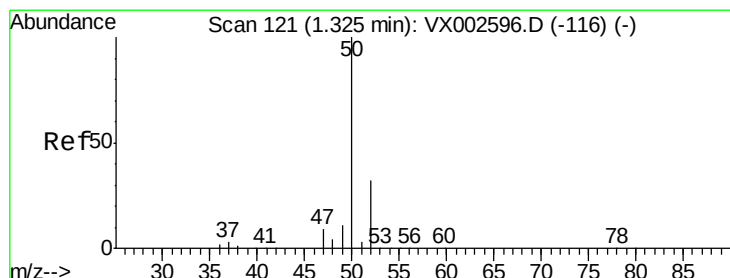
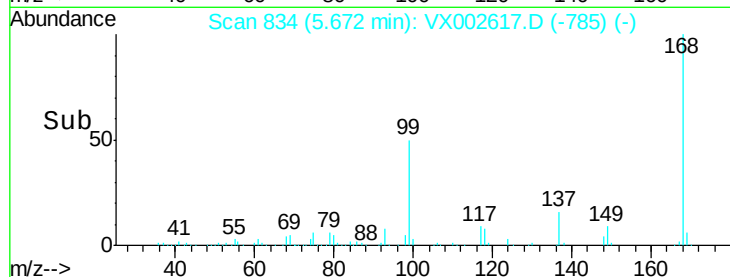
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.65 ug/l

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX002617.D

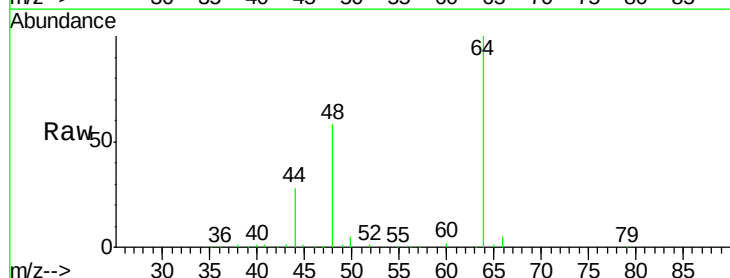
Acq: 16 Jun 2018 00:35

Tgt Ion: 50 Resp: 1740

Ion Ratio Lower Upper

50 100

52 14.2 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

1200

1000

800

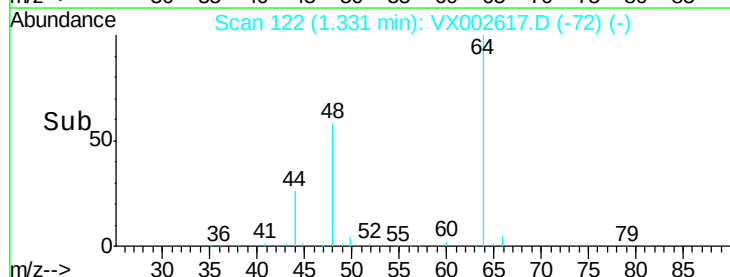
600

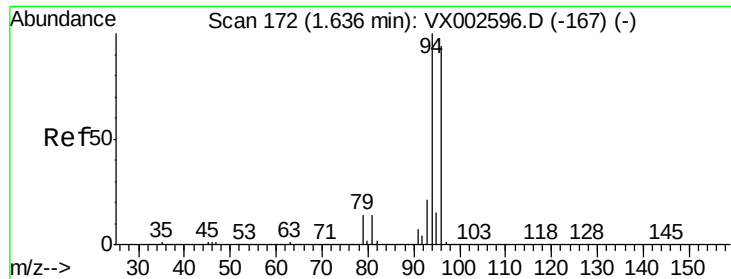
400

200

0

Time--> 1.30 1.32 1.34 1.36





#5

Bromomethane

Concen: 0.58 ug/l

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX002617.D

Acq: 16 Jun 2018 00:35

Instrument :

MSVOA_X

ClientSampleId :

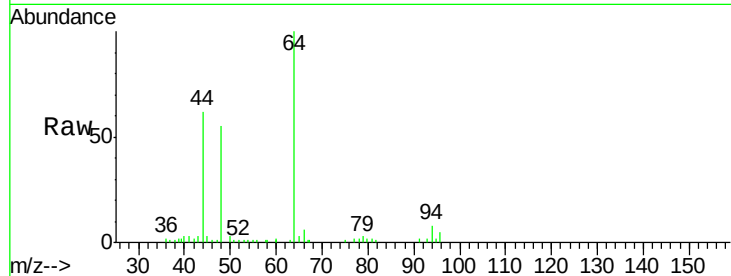
PR-MW-05-061118

Tot Ion: 94 Resp: 980

Ion Ratio Lower Upper

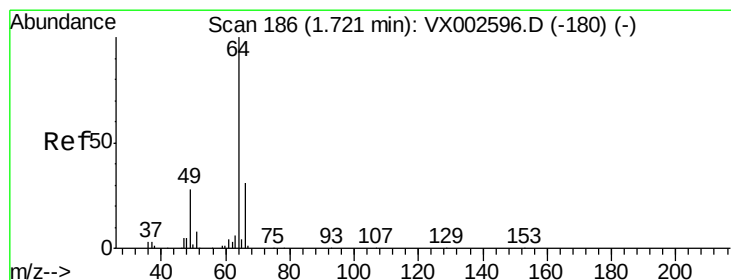
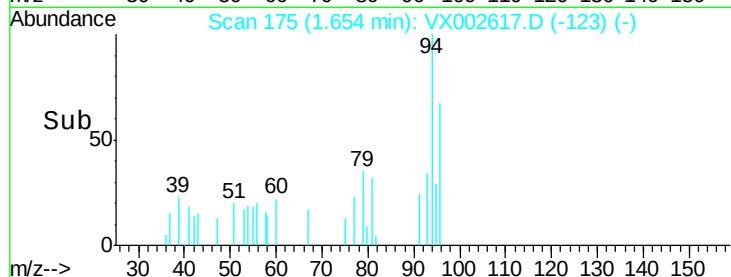
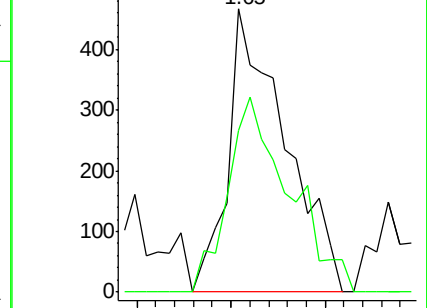
94 100

96 57.0 74.9 112.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.28 ug/l

RT: 1.94 min Scan# 222

Delta R.T. 0.22 min

Lab File: VX002617.D

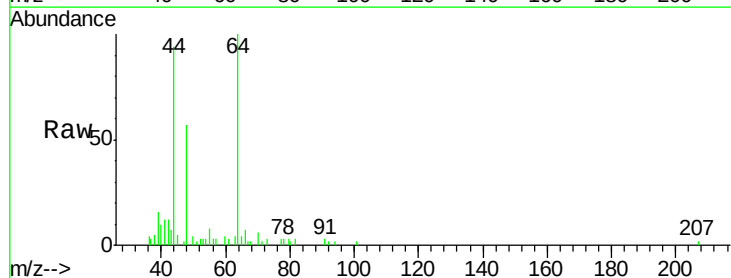
Acq: 16 Jun 2018 00:35

Tgt Ion: 64 Resp: 515

Ion Ratio Lower Upper

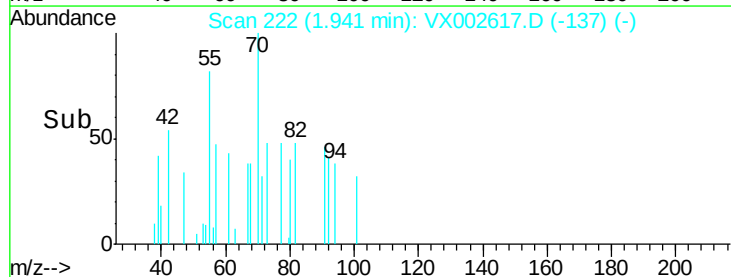
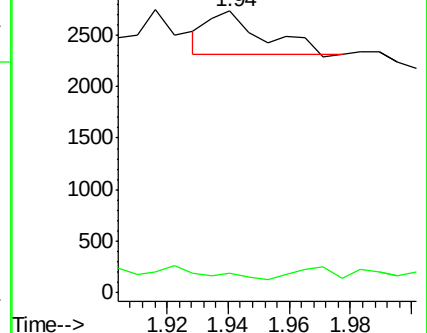
64 100

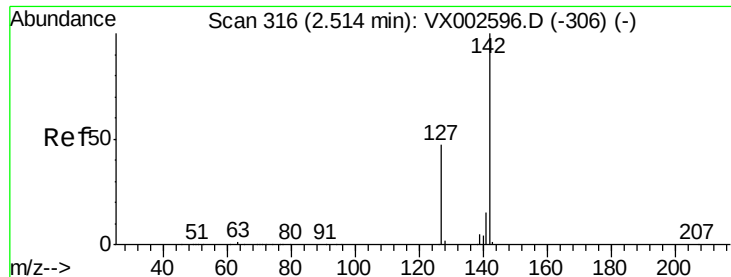
66 13.2 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

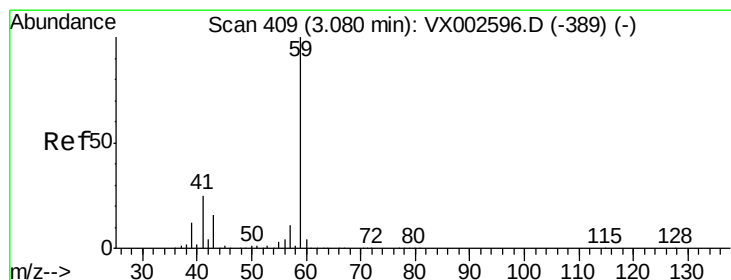
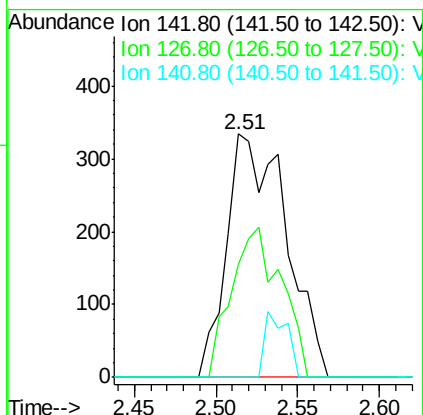
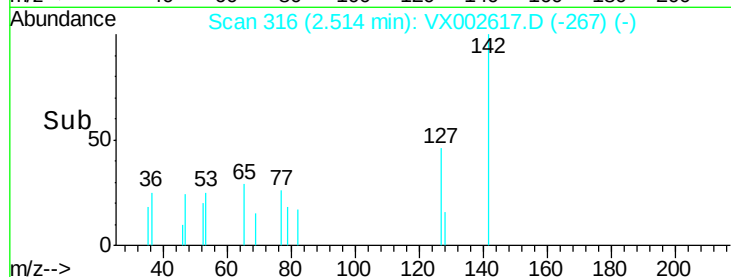
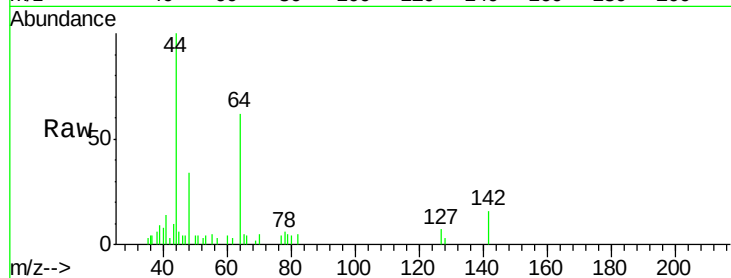




#10
Methvl Iodide
Concen: 5.40 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX002617.D
Acq: 16 Jun 2018 00:35

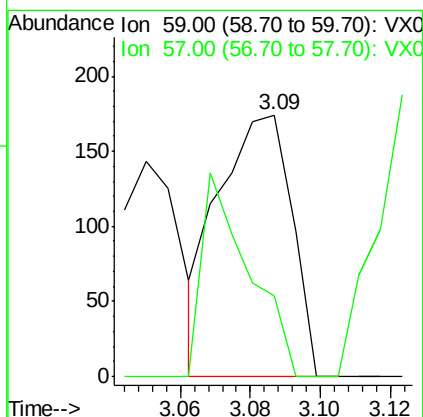
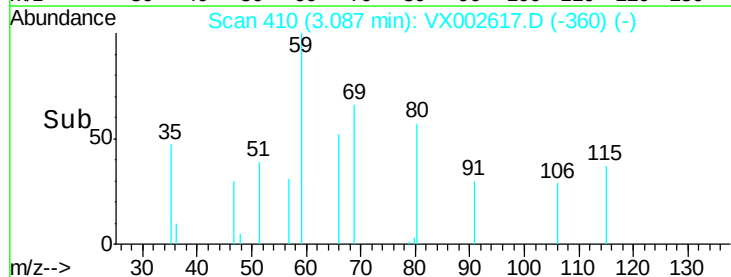
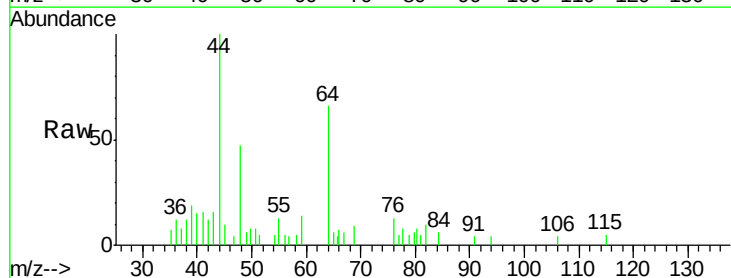
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-05-061118

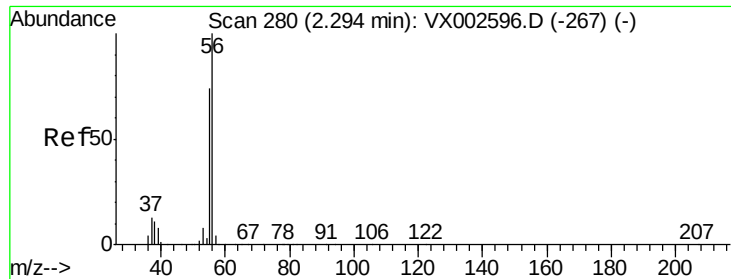
Tot Ion:142 Resp: 845
Ion Ratio Lower Upper
142 100
127 51.7 36.6 55.0
141 10.1 11.3 16.9#



#11
Tert butyl alcohol
Concen: 0.38 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX002617.D
Acq: 16 Jun 2018 00:35

Tgt Ion: 59 Resp: 253
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#13

Acrolein

Concen: 19.91 ug/l

RT: 2.27 min Scan# 276

Delta R.T. -0.02 min

Lab File: VX002617.D

Acq: 16 Jun 2018 00:35

Instrument :

MSVOA_X

ClientSampleId :

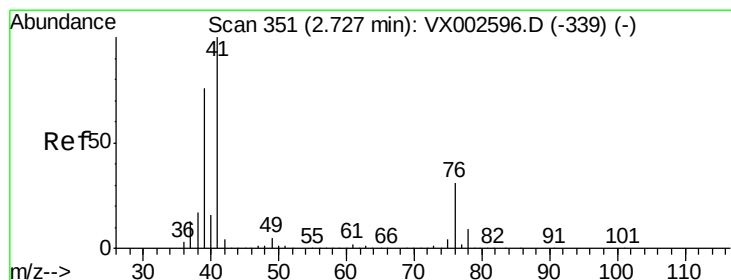
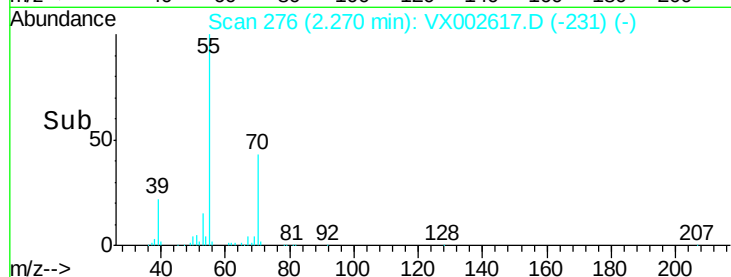
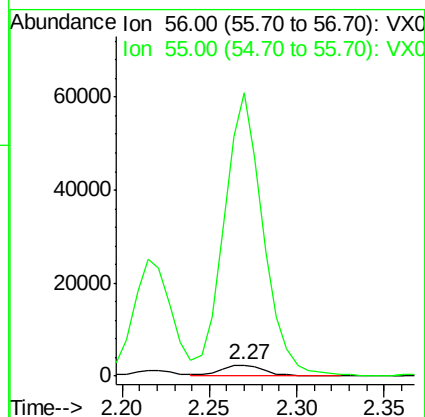
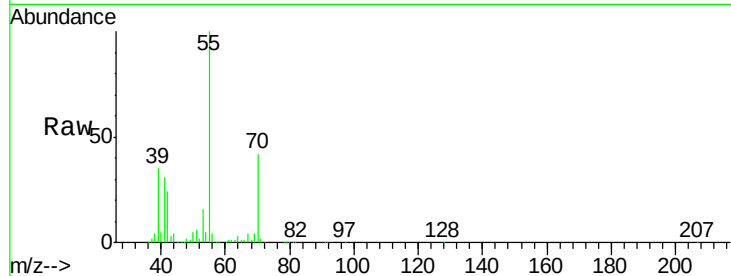
PR-MW-05-061118

Tot Ion: 56 Resp: 4193

Ion Ratio Lower Upper

56 100

55 2234.6 57.0 85.4#



#14

Allyl chloride

Concen: 2.13 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.06 min

Lab File: VX002617.D

Acq: 16 Jun 2018 00:35

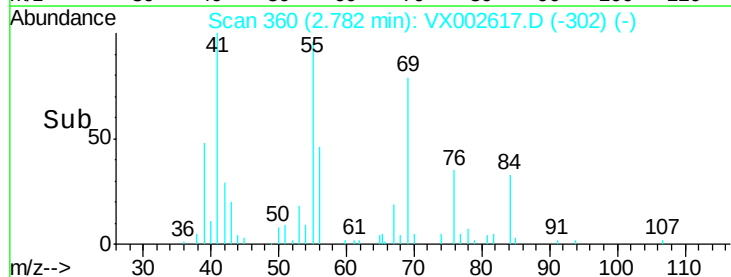
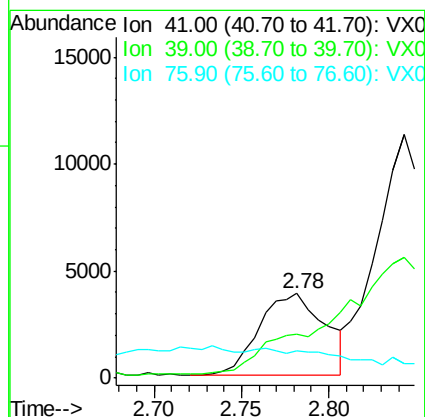
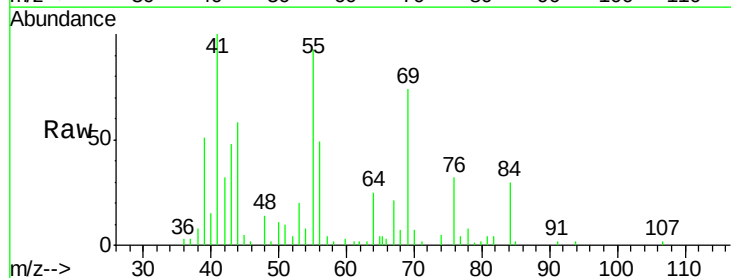
Tgt Ion: 41 Resp: 10044

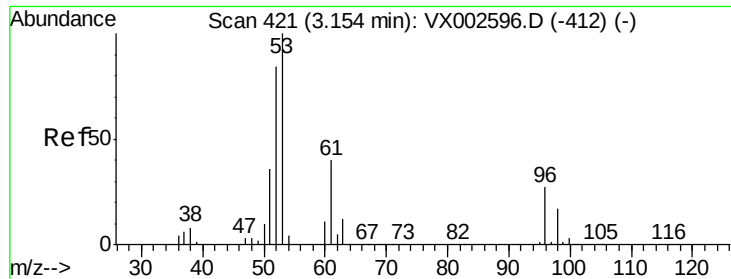
Ion Ratio Lower Upper

41 100

39 0.0 56.8 85.2#

76 0.0 23.8 35.8#





#15

Acrylonitrile

Concen: 2.52 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.02 min

Lab File: VX002617.D

Acq: 16 Jun 2018 00:35

Instrument :

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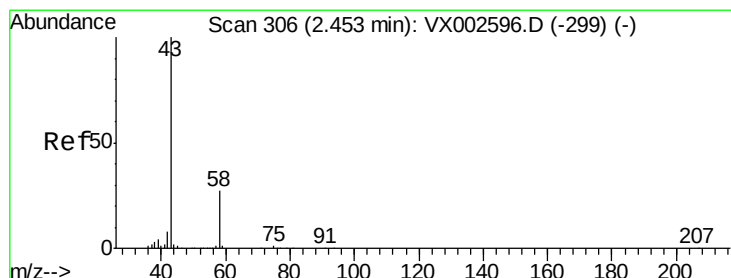
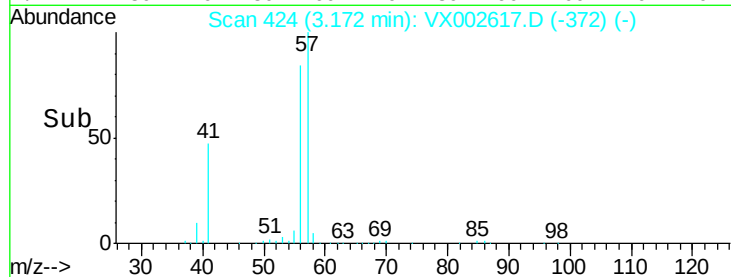
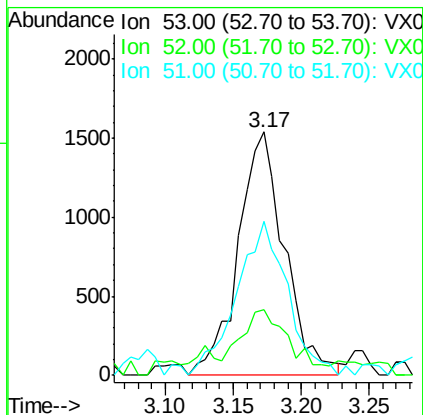
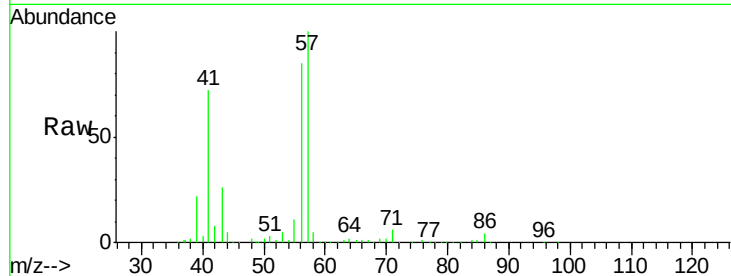
Tot Ion: 53 Resp: 3663

Ion Ratio Lower Upper

53 100

52 22.3 66.7 100.1#

51 69.3 29.9 44.9#



#16

Acetone

Concen: 6.10 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002617.D

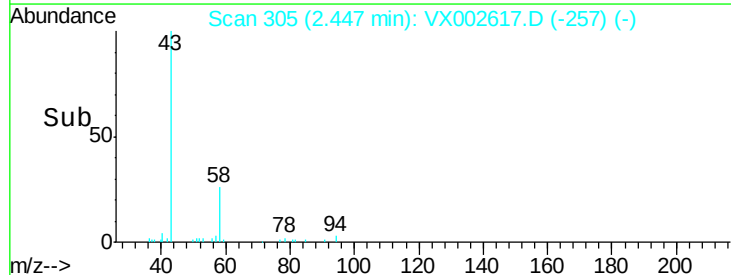
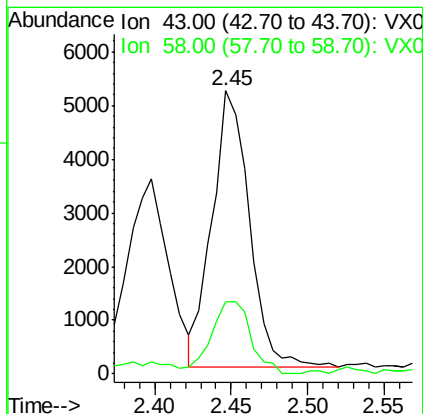
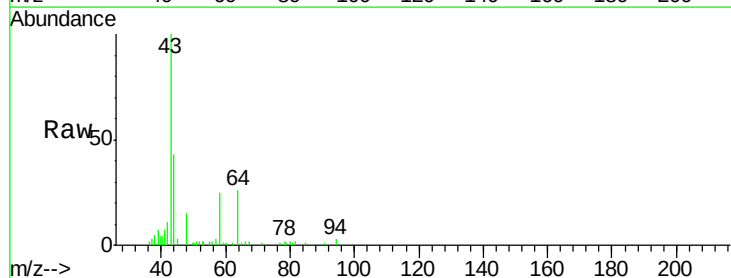
Acq: 16 Jun 2018 00:35

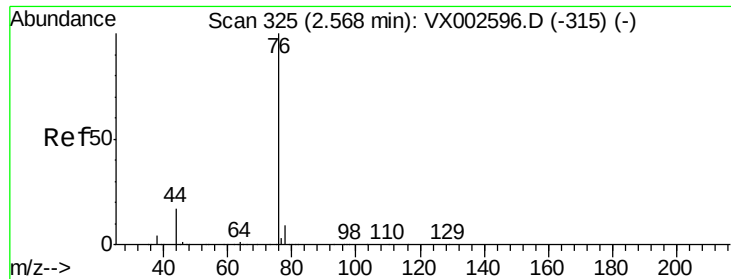
Tgt Ion: 43 Resp: 8683

Ion Ratio Lower Upper

43 100

58 24.4 22.1 33.1





#17

Carbon Disulfide

Concen: 0.42 ug/l

RT: 2.59 min Scan# 328

Delta R.T. 0.02 min

Lab File: VX002617.D

Acq: 16 Jun 2018 00:35

Instrument :

MSVOA_X

ClientSampleId :

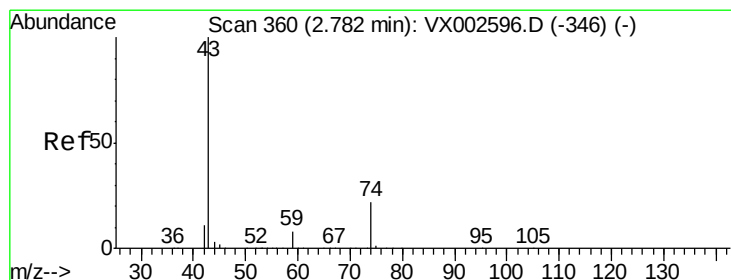
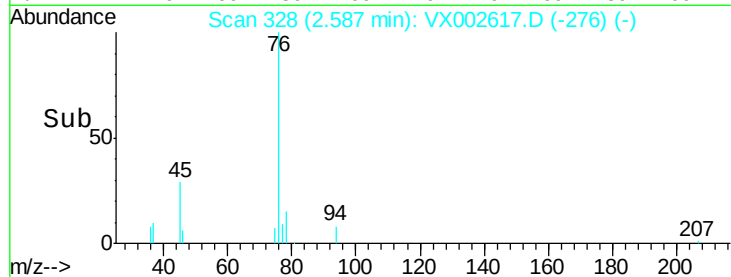
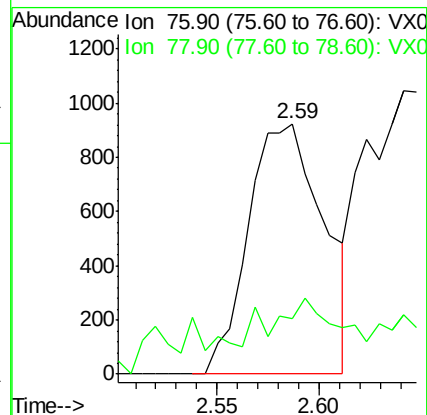
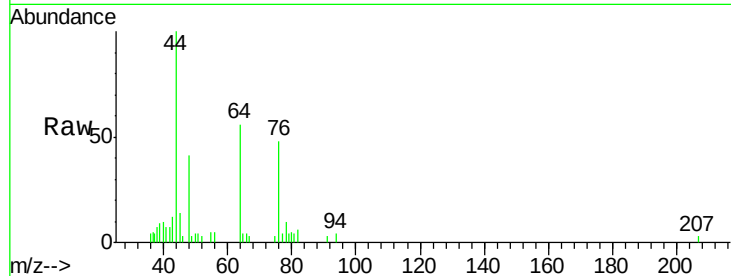
PR-MW-05-061118

Tot Ion: 76 Resp: 2365

Ion Ratio Lower Upper

76 100

78 3.5 6.9 10.3#



#18

Methyl Acetate

Concen: 1.44 ug/l

RT: 2.77 min Scan# 358

Delta R.T. -0.01 min

Lab File: VX002617.D

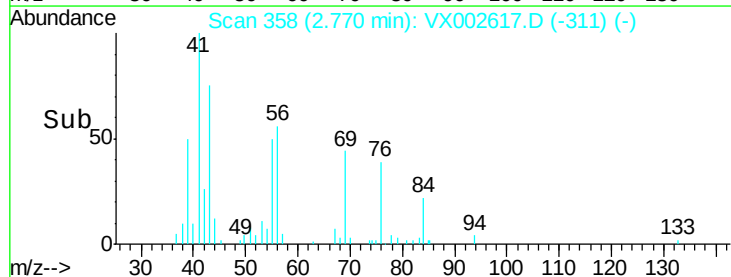
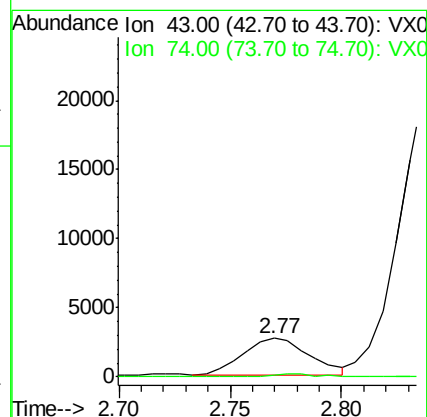
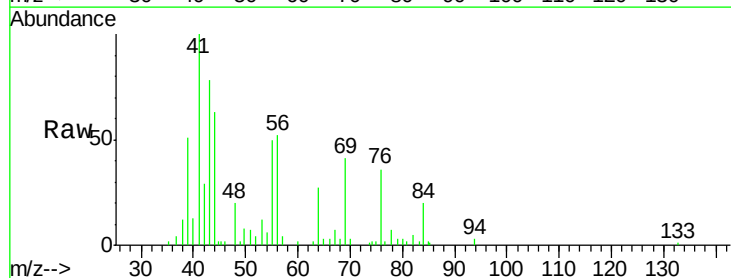
Acq: 16 Jun 2018 00:35

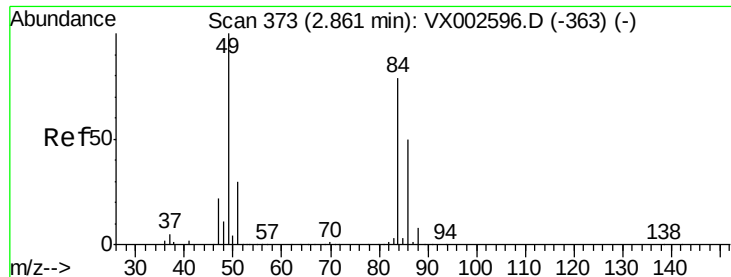
Tgt Ion: 43 Resp: 5447

Ion Ratio Lower Upper

43 100

74 5.5 16.7 25.1#





#20

Methylene Chloride

Concen: 0.35 ug/l

RT: 2.86 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX002617.D

Acq: 16 Jun 2018 00:35

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-05-061118

Tot Ion: 84 Resp: 1027

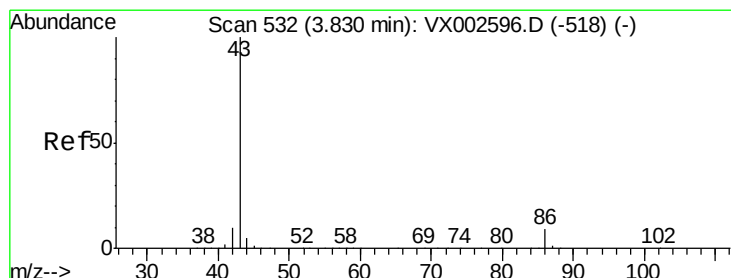
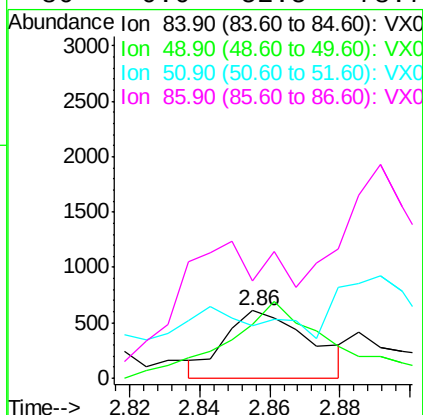
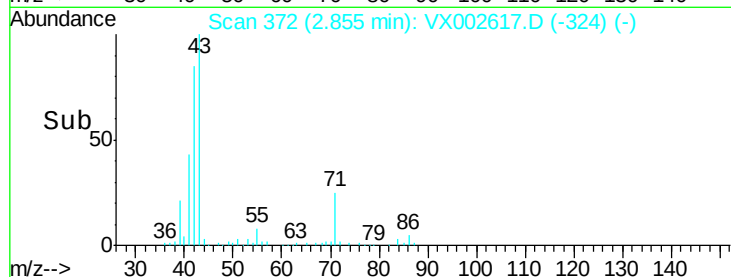
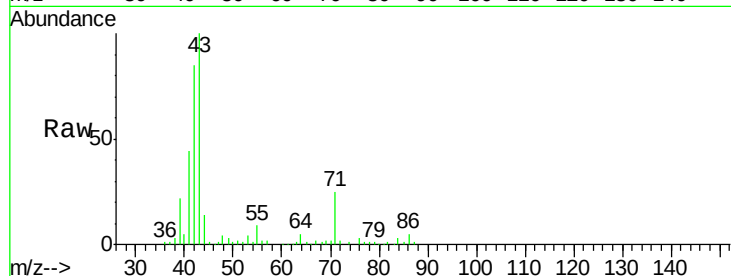
Ion Ratio Lower Upper

84 100

49 67.0 107.8 161.6#

51 0.0 32.8 49.2#

86 0.0 52.5 78.7#



#23

Vinyl Acetate

Concen: 0.42 ug/l

RT: 3.82 min Scan# 530

Delta R.T. -0.01 min

Lab File: VX002617.D

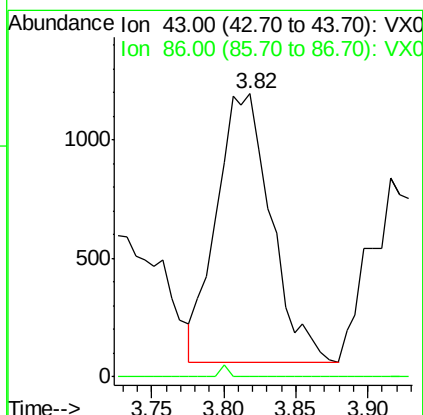
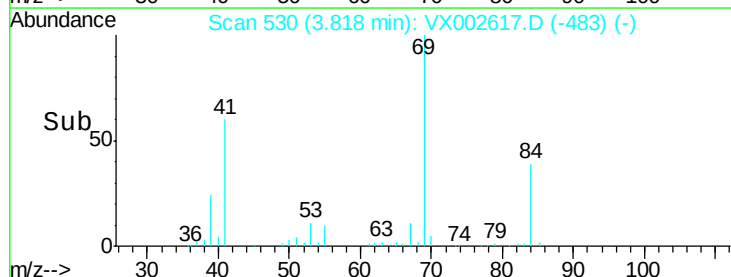
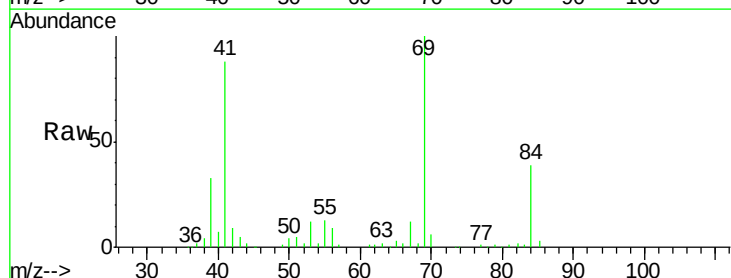
Acq: 16 Jun 2018 00:35

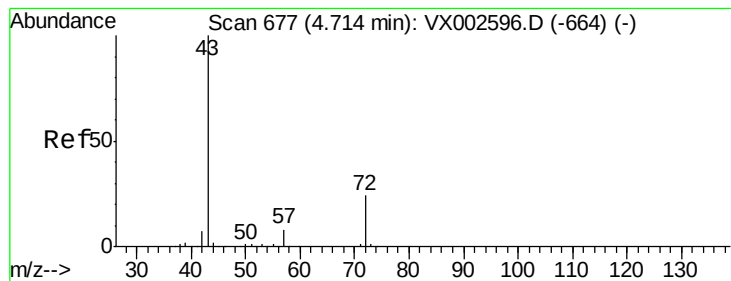
Tgt Ion: 43 Resp: 2996

Ion Ratio Lower Upper

43 100

86 0.0 7.4 11.0#





#25

2-Butanone

Concen: 1.03 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.01 min

Lab File: VX002617.D

Acq: 16 Jun 2018 00:35

Instrument :

MSVOA_X

ClientSampleId :

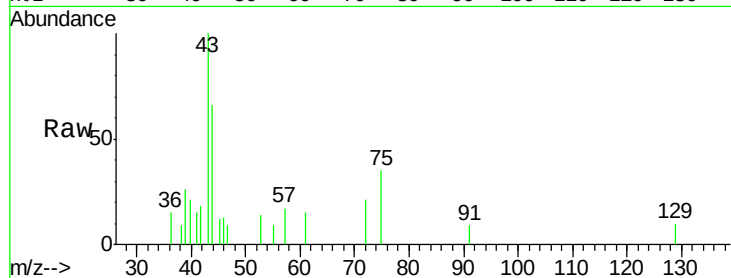
PR-MW-05-061118

Tot Ion: 43 Resp: 1921

Ion Ratio Lower Upper

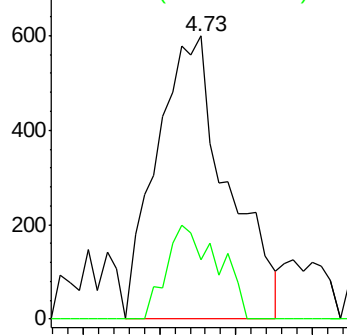
43 100

72 21.0 18.5 27.7

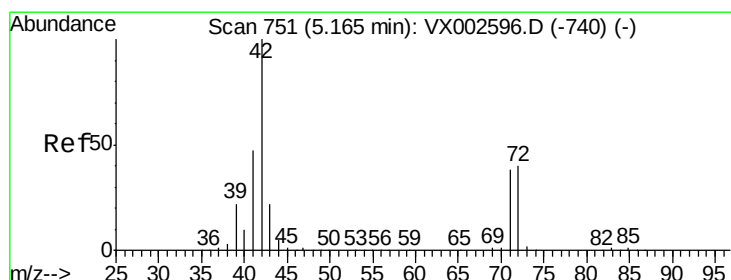
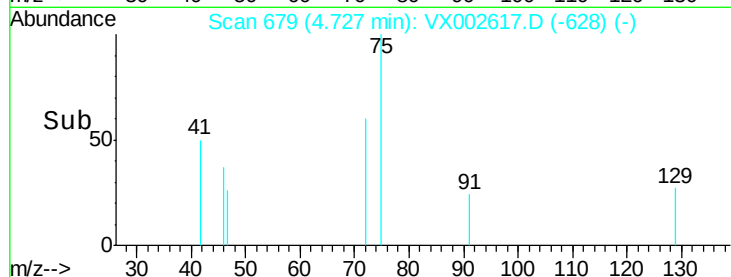


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#29

Tetrahydrofuran

Concen: 0.28 ug/l

RT: 5.18 min Scan# 754

Delta R.T. 0.02 min

Lab File: VX002617.D

Acq: 16 Jun 2018 00:35

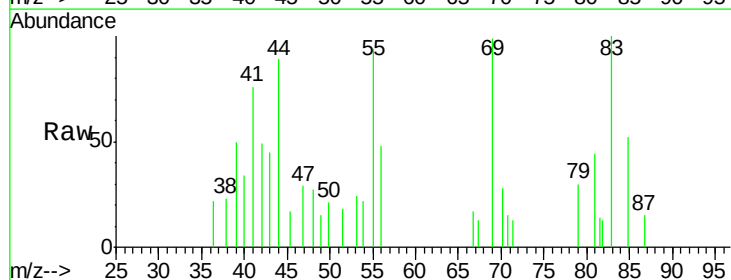
Tgt Ion: 42 Resp: 341

Ion Ratio Lower Upper

42 100

72 0.0 32.0 48.0#

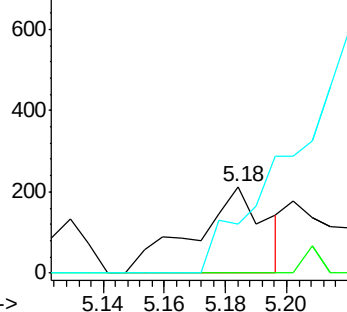
71 0.0 30.1 45.1#



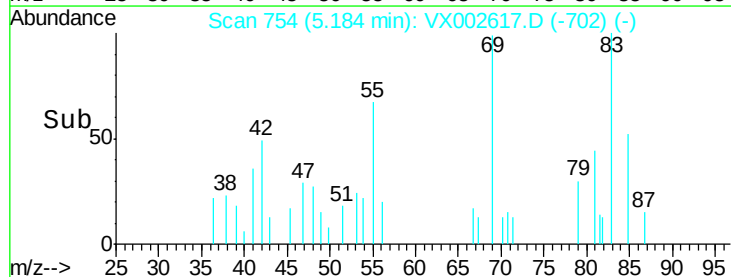
Abundance Ion 42.00 (41.70 to 42.70): VX0

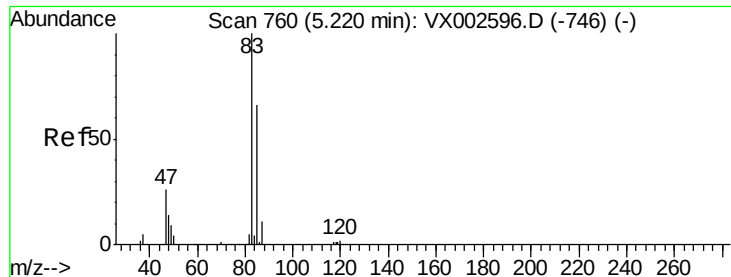
Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



Time-->

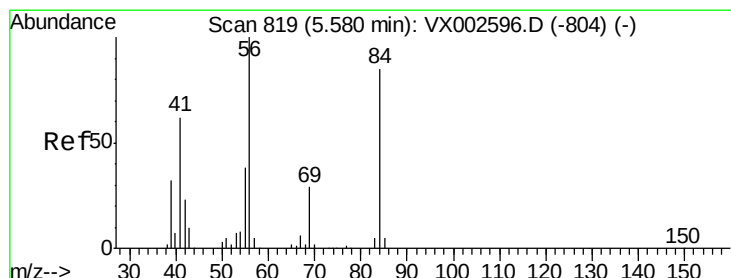
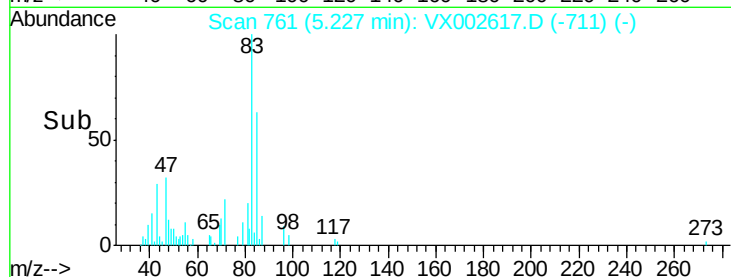
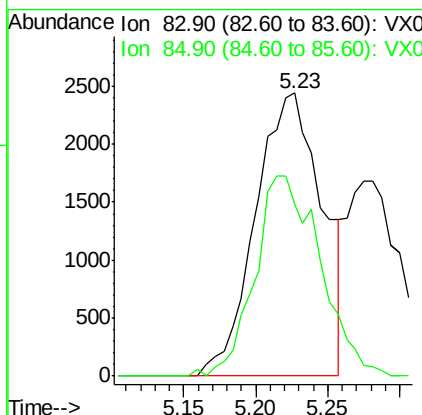
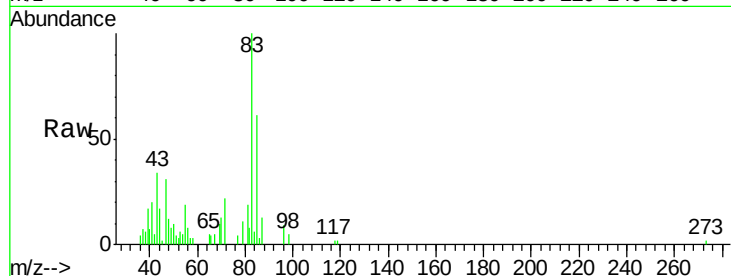




#30
Chloroform
Concen: 1.76 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX002617.D
Acq: 16 Jun 2018 00:35

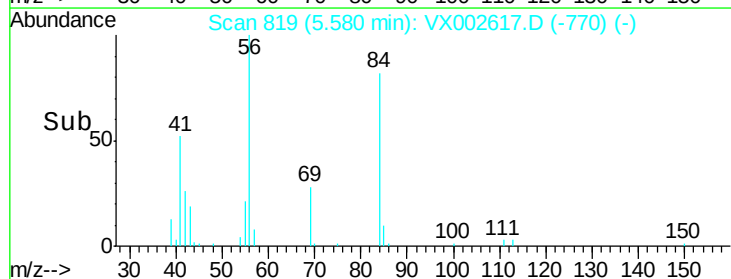
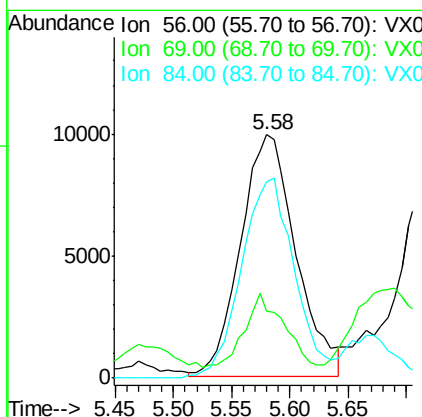
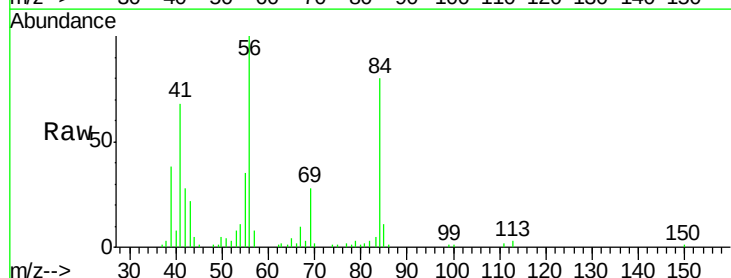
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-05-061118

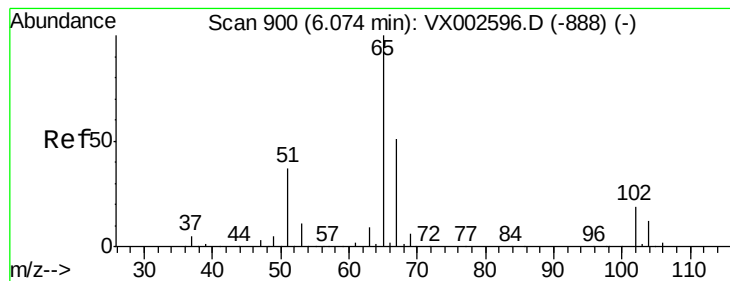
Tot Ion: 83 Resp: 7860
Ion Ratio Lower Upper
83 100
85 60.8 50.4 75.6



#31
Cyclohexane
Concen: 8.57 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX002617.D
Acq: 16 Jun 2018 00:35

Tgt Ion: 56 Resp: 32608
Ion Ratio Lower Upper
56 100
69 22.9 23.7 35.5#
84 81.1 64.1 96.1





#33

1,2-Dichloroethane-d4

Concen: 45.30 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002617.D

Acq: 16 Jun 2018 00:35

Instrument :

MSVOA_X

ClientSampleId :

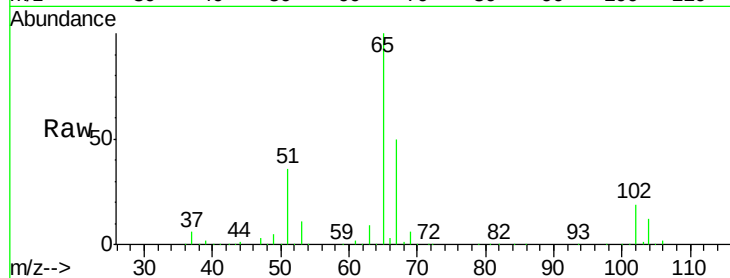
PR-MW-05-061118

Tot Ion: 65 Resp: 146107

Ion Ratio Lower Upper

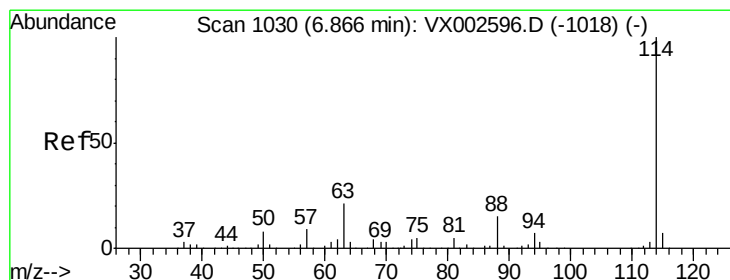
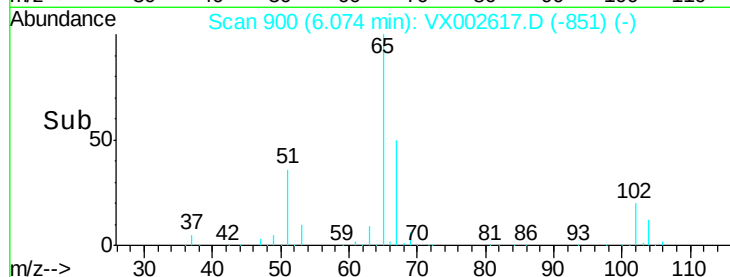
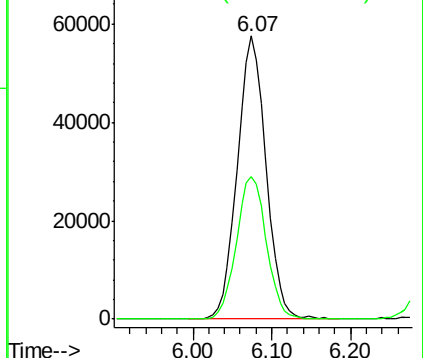
65 100

67 52.6 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002617.D

Acq: 16 Jun 2018 00:35

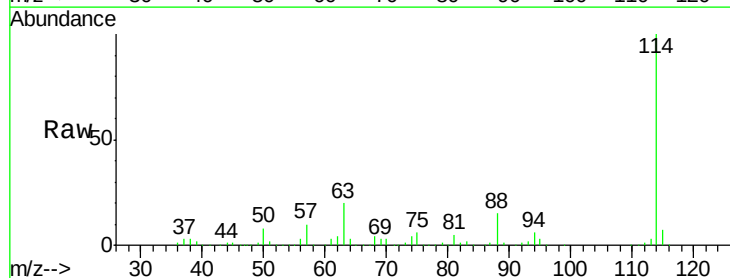
Tgt Ion: 114 Resp: 305309

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.4

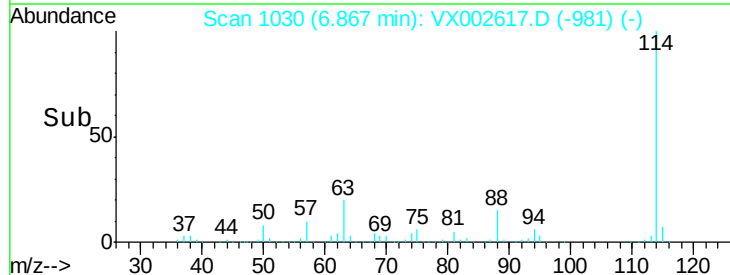
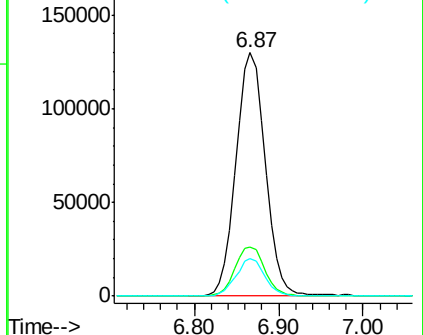
88 15.5 0.0 30.0

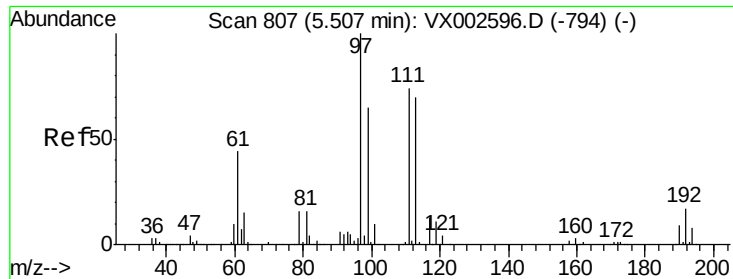


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 45.83 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002617.D

Acq: 16 Jun 2018 00:35

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-05-061118

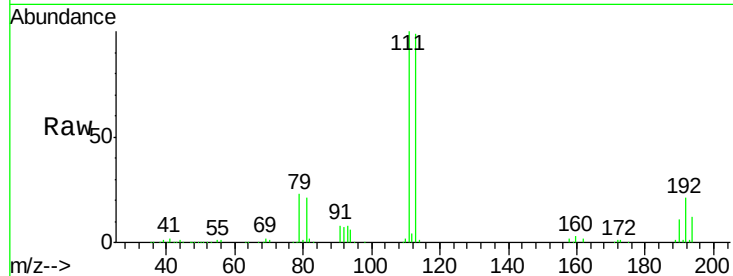
Tot Ion:113 Resp: 111667

Ion Ratio Lower Upper

113 100

111 101.4 81.4 122.0

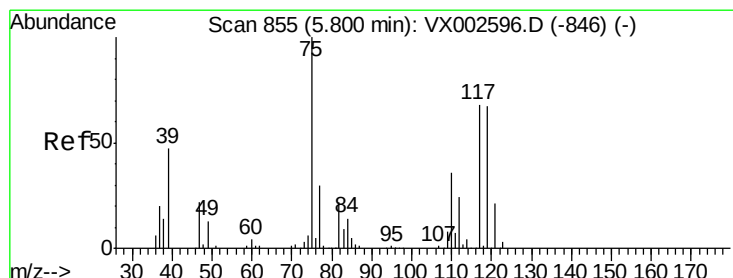
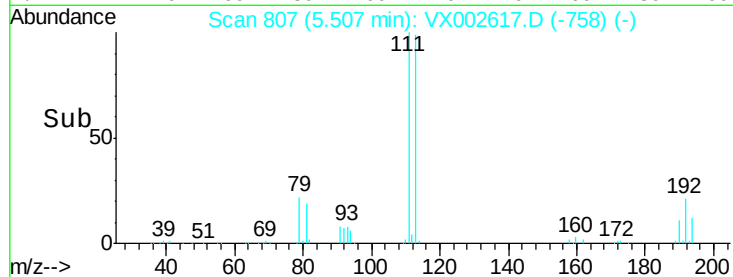
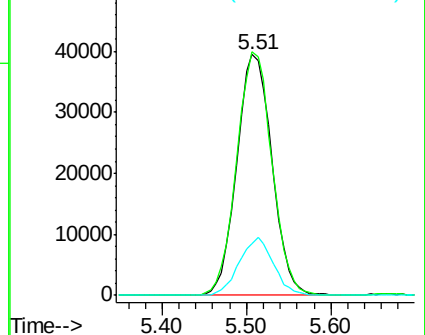
192 23.4 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.51 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.13 min

Lab File: VX002617.D

Acq: 16 Jun 2018 00:35

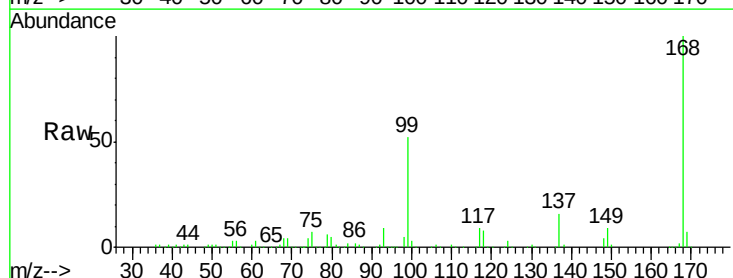
Tgt Ion: 75 Resp: 14625

Ion Ratio Lower Upper

75 100

110 11.0 18.1 54.4#

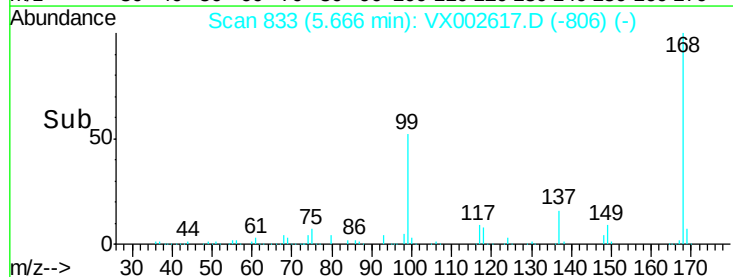
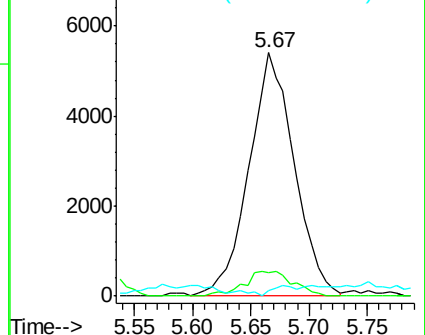
77 2.2 24.3 36.5#

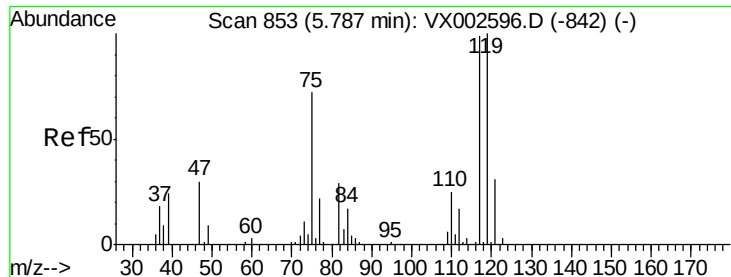


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

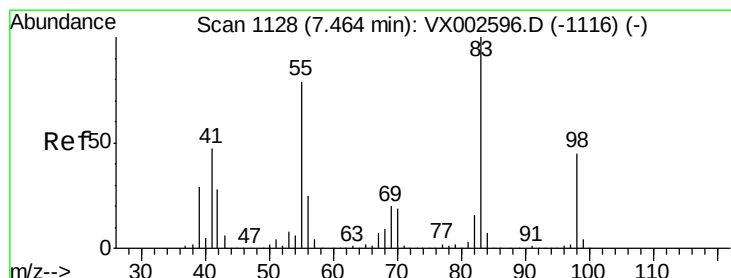
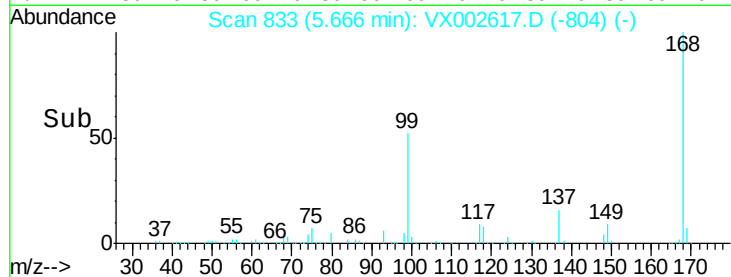
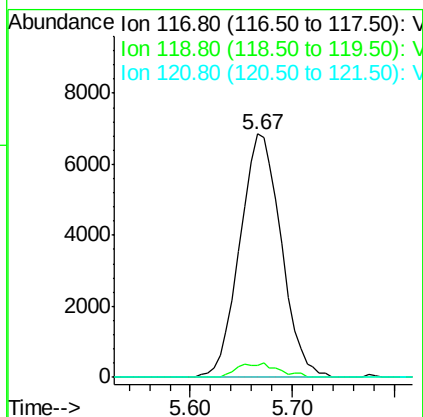
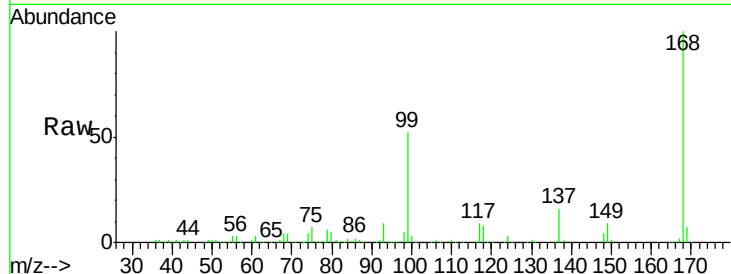




#38
Carbon Tetrachloride
Concen: 5.97 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002617.D
Acq: 16 Jun 2018 00:35

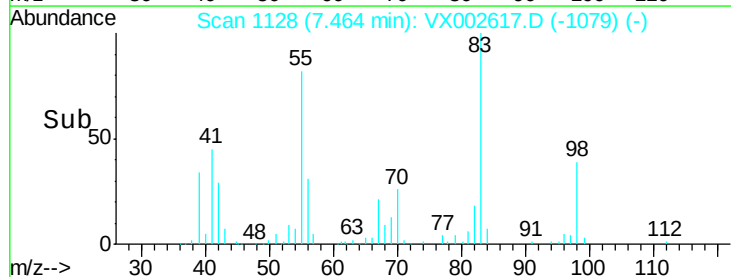
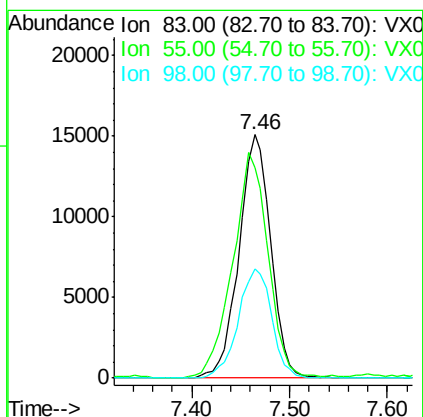
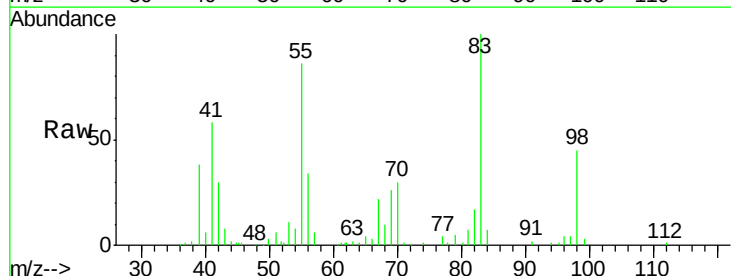
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-05-061118

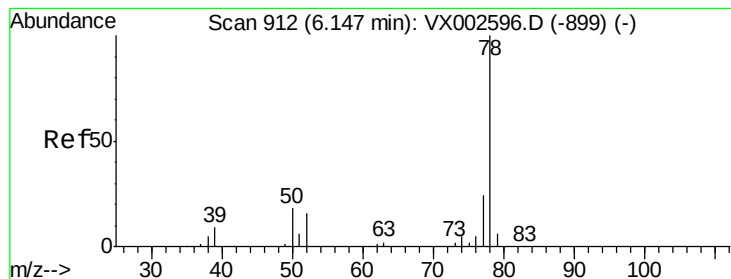
Tot Ion:117 Resp: 19261
Ion Ratio Lower Upper
117 100
119 4.9 77.4 116.0#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 8.98 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002617.D
Acq: 16 Jun 2018 00:35

Tgt Ion: 83 Resp: 34026
Ion Ratio Lower Upper
83 100
55 86.0 65.4 98.0
98 44.7 37.4 56.0





#40

Benzene

Concen: 1.11 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.00 min

Lab File: VX002617.D

Acq: 16 Jun 2018 00:35

Instrument :

MSVOA_X

ClientSampleId :

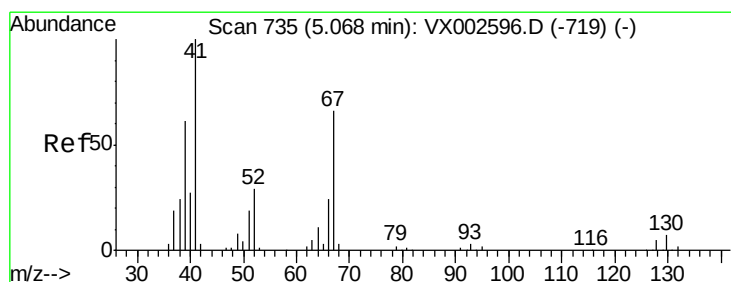
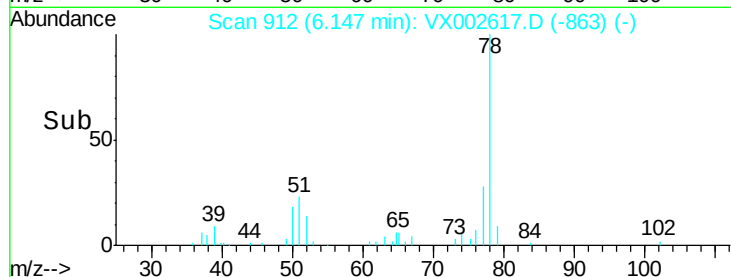
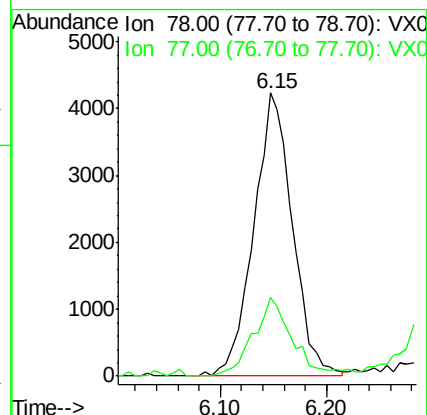
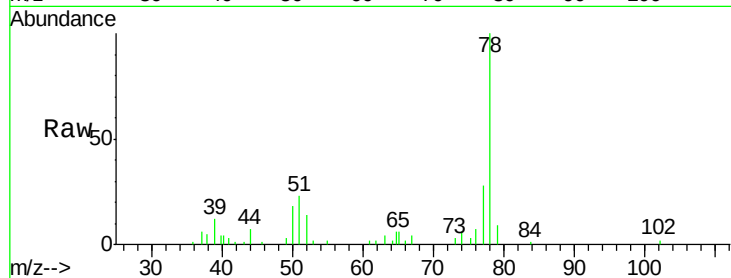
PR-MW-05-061118

Tot Ion: 78 Resp: 10777

Ion Ratio Lower Upper

78 100

77 27.8 19.1 28.7



#41

Methacrylonitrile

Concen: 0.48 ug/l

RT: 5.07 min Scan# 736

Delta R.T. 0.01 min

Lab File: VX002617.D

Acq: 16 Jun 2018 00:35

Tgt Ion: 41 Resp: 985

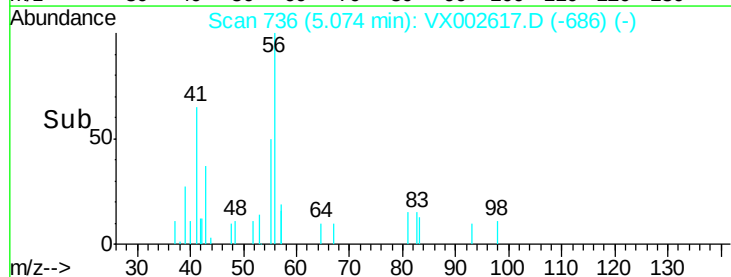
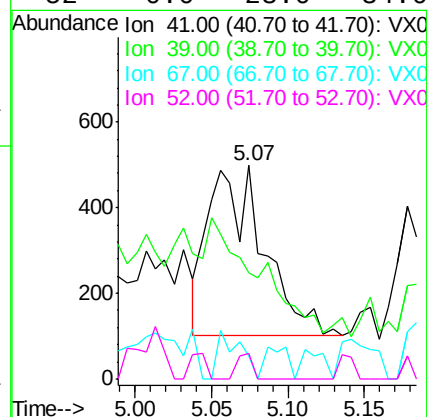
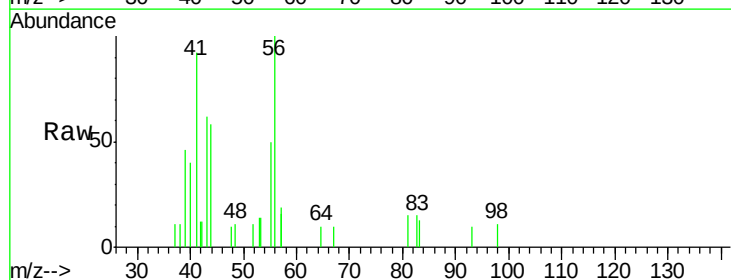
Ion Ratio Lower Upper

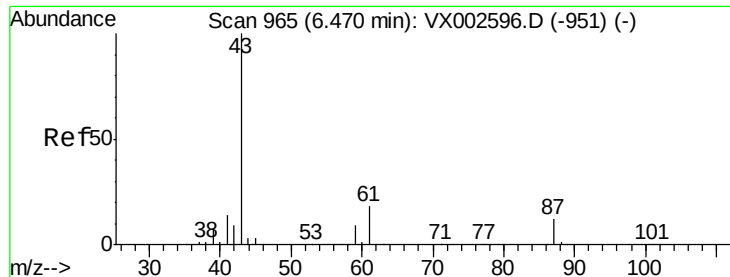
41 100

39 0.0 45.8 68.6#

67 0.0 51.3 76.9#

52 0.0 23.0 34.6#





#43

Isopropyl Acetate

Concen: 0.27 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002617.D

Acq: 16 Jun 2018 00:35

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-05-061118

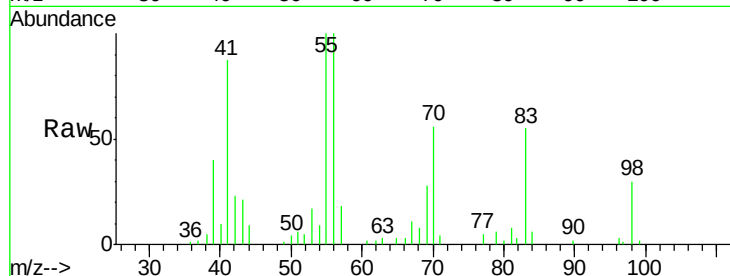
Tot Ion: 43 Resp: 1614

Ion Ratio Lower Upper

43 100

61 1.9 14.4 21.6#

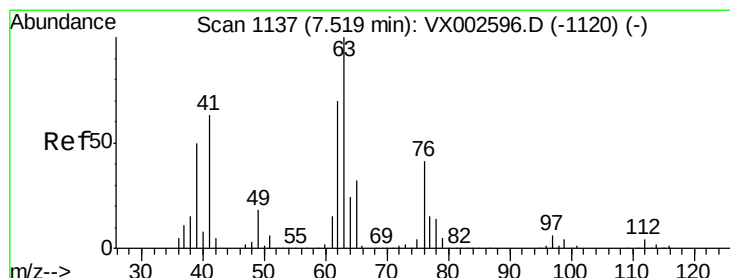
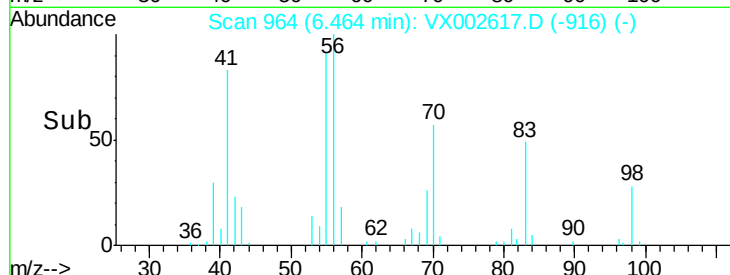
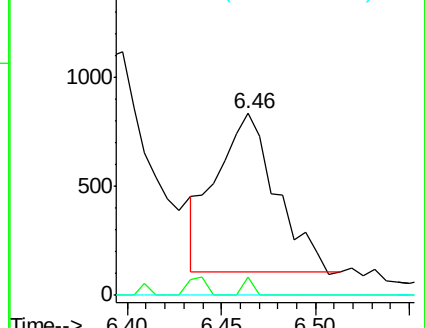
87 0.0 9.5 14.3#



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



#45

1,2-Dichloropropane

Concen: 0.37 ug/l

RT: 7.45 min Scan# 1126

Delta R.T. -0.07 min

Lab File: VX002617.D

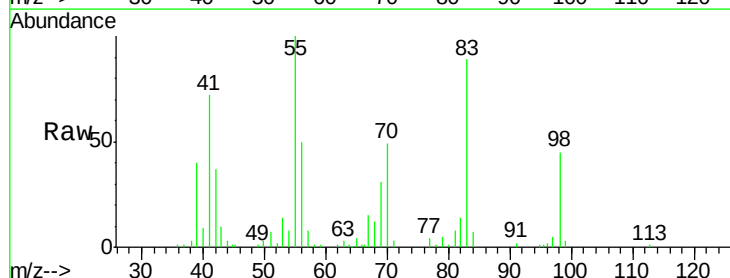
Acq: 16 Jun 2018 00:35

Tgt Ion: 63 Resp: 956

Ion Ratio Lower Upper

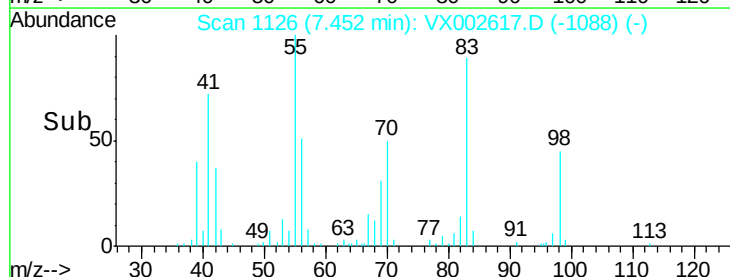
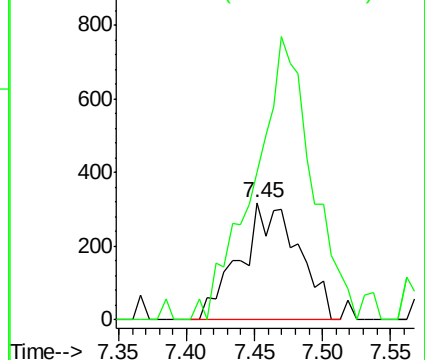
63 100

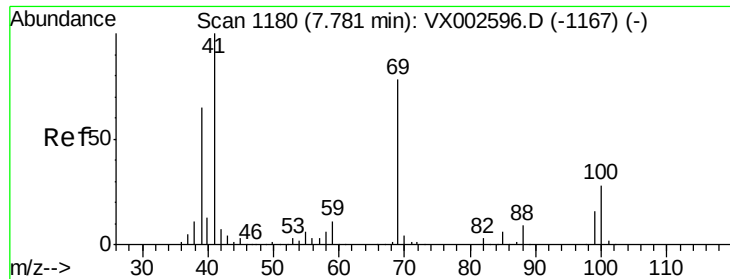
65 125.4 24.7 37.1#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

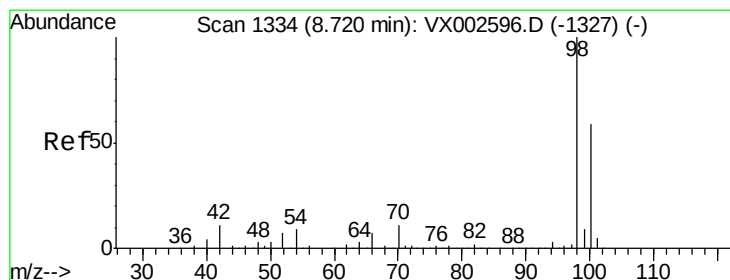
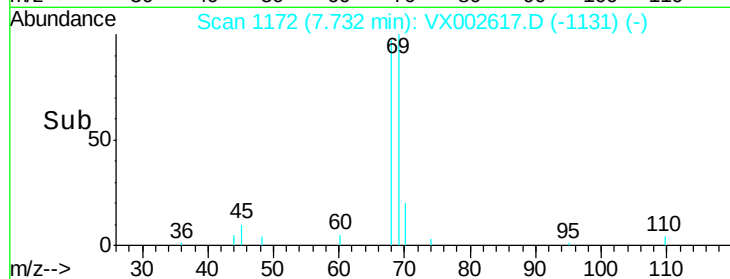
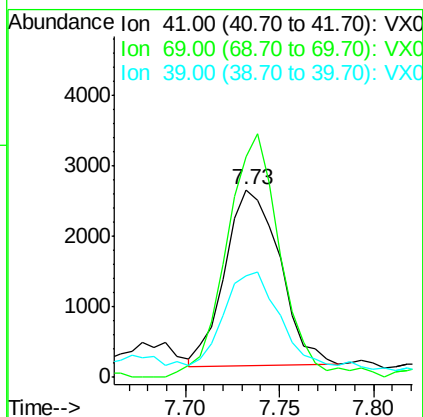
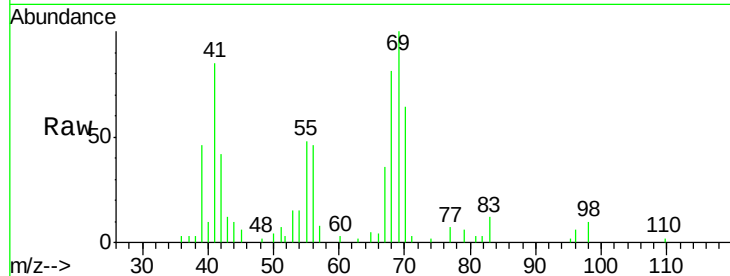




#48
Methyl methacrylate
Concen: 1.63 ug/l
RT: 7.73 min Scan# 1172
Delta R.T. -0.05 min
Lab File: VX002617.D
Acq: 16 Jun 2018 00:35

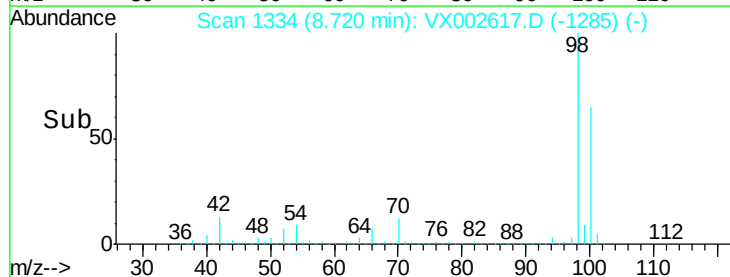
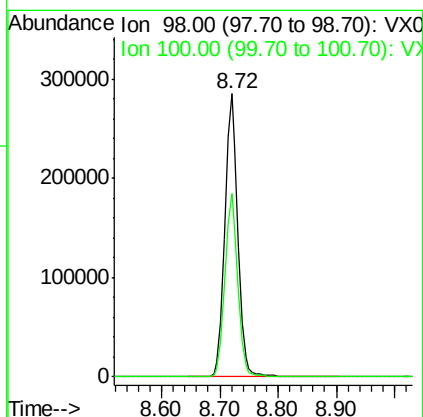
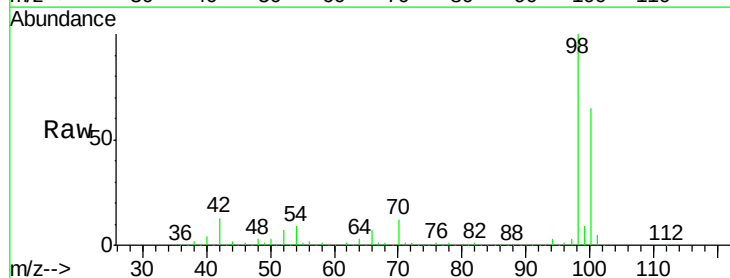
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-05-061118

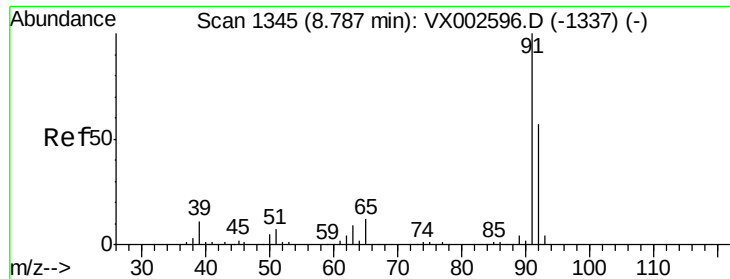
Tot Ion: 41 Resp: 5064
Ion Ratio Lower Upper
41 100
69 135.4 59.1 88.7#
39 59.0 48.9 73.3



#50
Toluene-d8
Concen: 47.90 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002617.D
Acq: 16 Jun 2018 00:35

Tgt Ion: 98 Resp: 443148
Ion Ratio Lower Upper
98 100
100 64.4 50.9 76.3





#52

Toluene

Concen: 216.36 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002617.D

Acq: 16 Jun 2018 00:35

Instrument :

MSVOA_X

ClientSampleId :

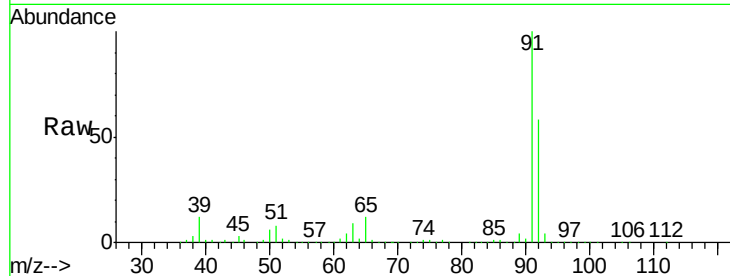
PR-MW-05-061118

Tot Ion: 92 Resp: 1341896

Ion Ratio Lower Upper

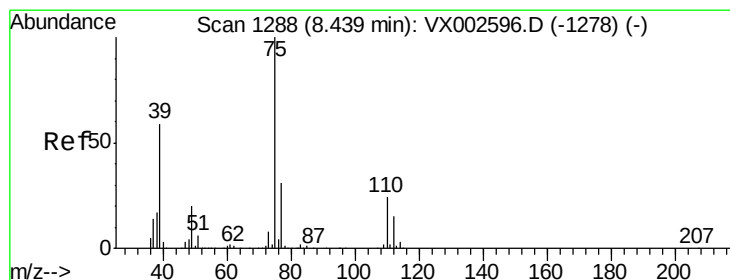
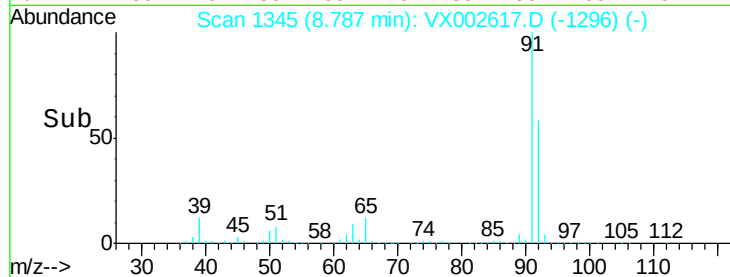
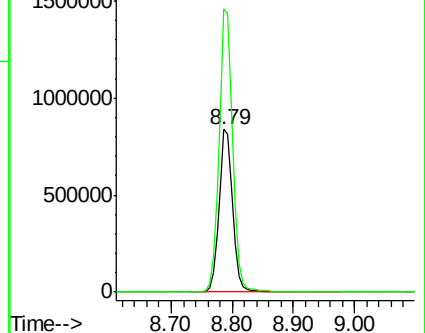
92 100

91 174.3 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 2.40 ug/l

RT: 8.46 min Scan# 1292

Delta R.T. 0.02 min

Lab File: VX002617.D

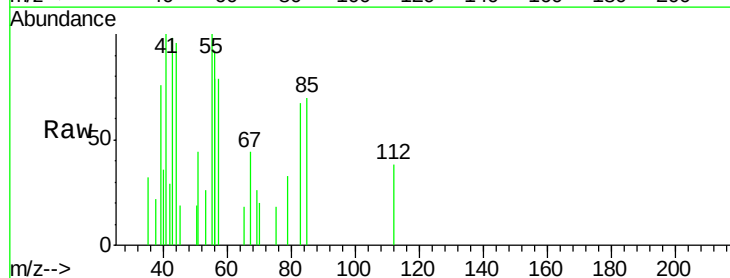
Acq: 16 Jun 2018 00:35

Tgt Ion: 75 Resp: 19

Ion Ratio Lower Upper

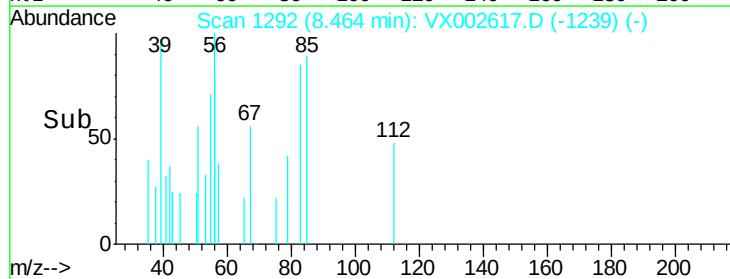
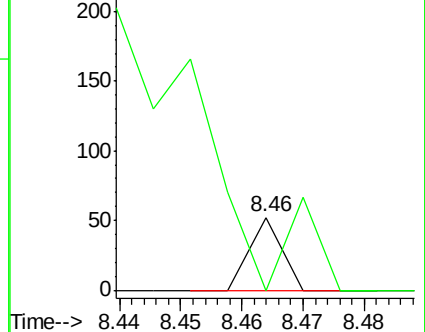
75 100

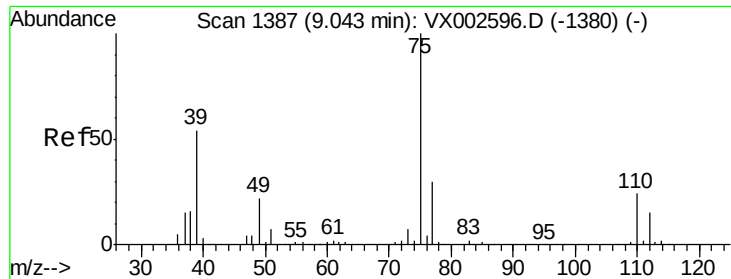
77 0.0 25.4 38.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



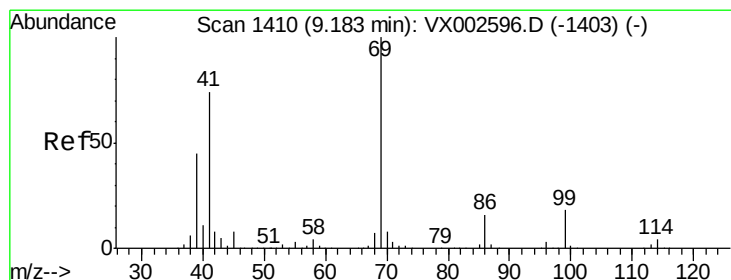
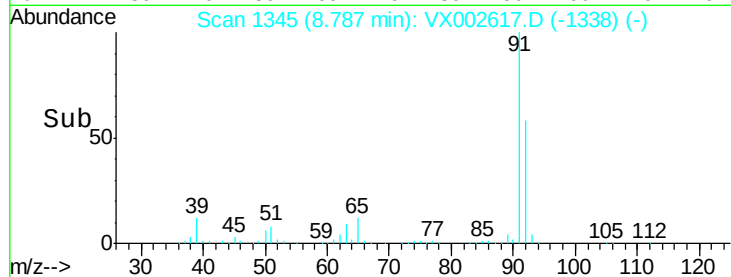
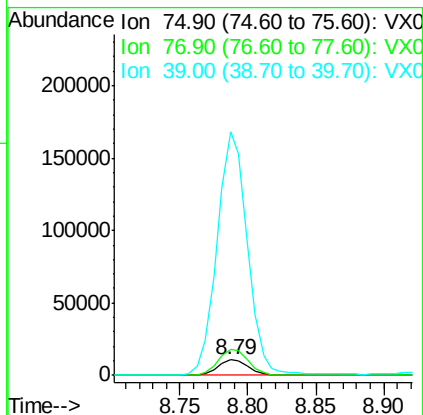
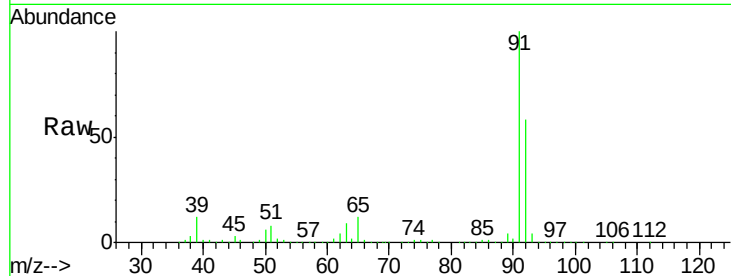


#54

cis-1,3-Dichloropropene
Concen: 7.41 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.26 min
Lab File: VX002617.D
Acq: 16 Jun 2018 00:35

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-05-061118

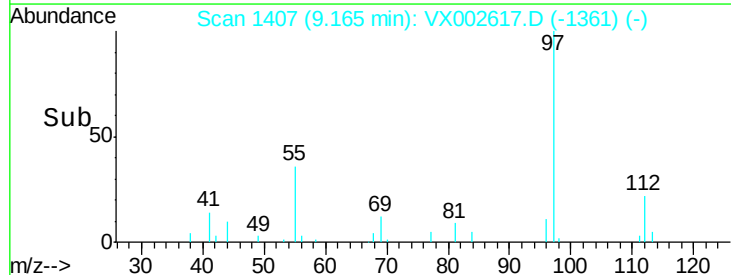
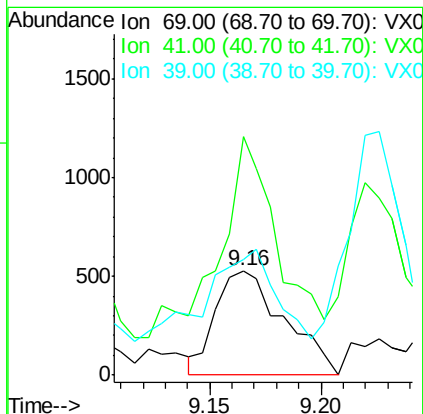
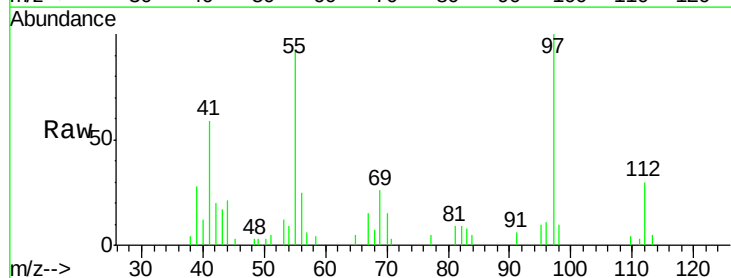
Tot Ion: 75 Resp: 17111
Ion Ratio Lower Upper
75 100
77 161.2 24.8 37.2#
39 1545.0 42.4 63.6#

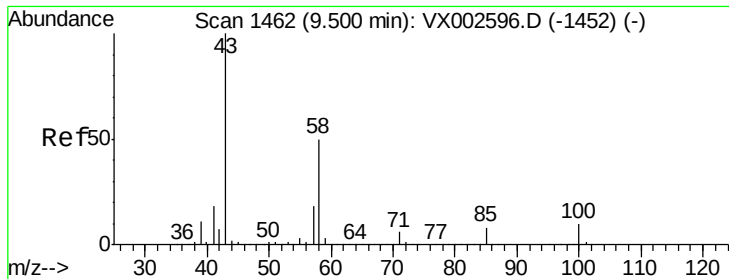


#56

Ethyl methacrylate
Concen: 0.29 ug/l
RT: 9.16 min Scan# 1407
Delta R.T. -0.02 min
Lab File: VX002617.D
Acq: 16 Jun 2018 00:35

Tgt Ion: 69 Resp: 1125
Ion Ratio Lower Upper
69 100
41 165.2 60.3 90.5#
39 89.3 35.8 53.8#





#59

2-Hexanone

Concen: 0.35 ug/l

RT: 9.52 min Scan# 1465

Delta R.T. 0.02 min

Lab File: VX002617.D

Acq: 16 Jun 2018 00:35

Instrument :

MSVOA_X

ClientSampleId :

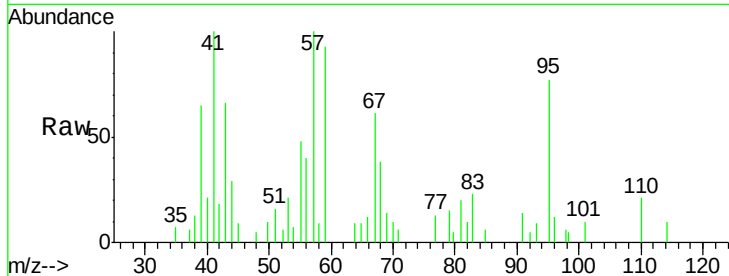
PR-MW-05-061118

Tot Ion: 43 Resp: 1026

Ion Ratio Lower Upper

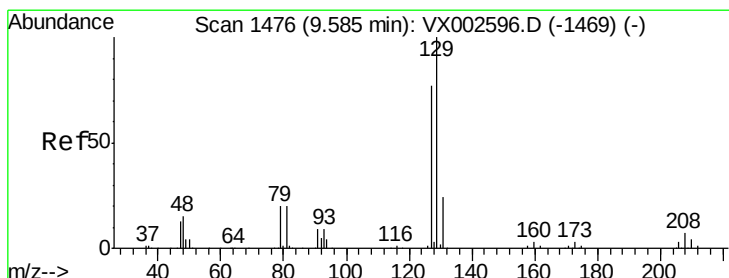
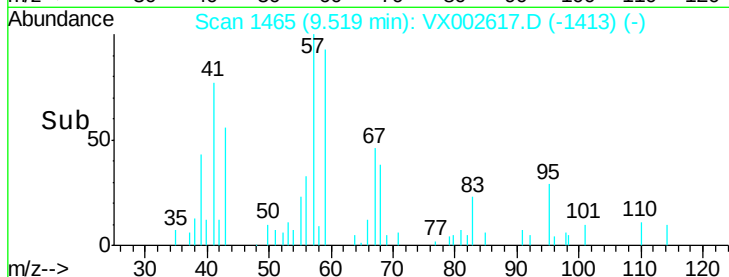
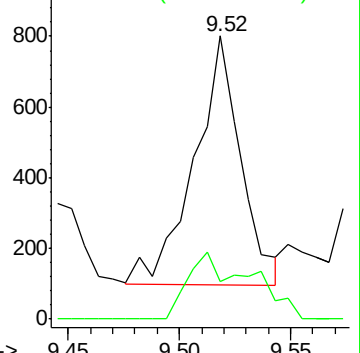
43 100

58 36.0 24.6 73.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#60

Dibromochloromethane

Concen: 3.77 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.24 min

Lab File: VX002617.D

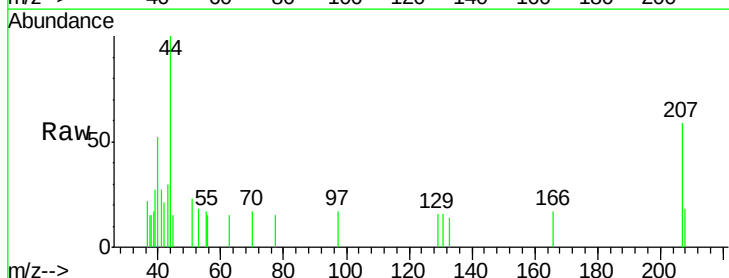
Acq: 16 Jun 2018 00:35

Tgt Ion: 129 Resp: 42

Ion Ratio Lower Upper

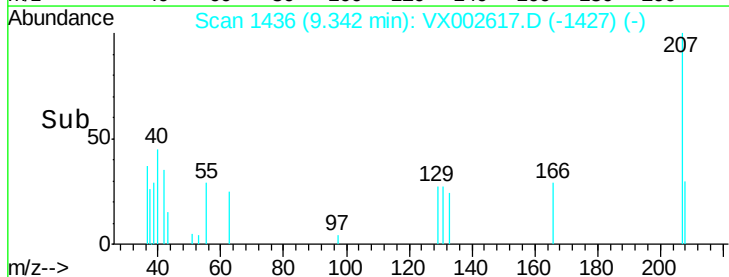
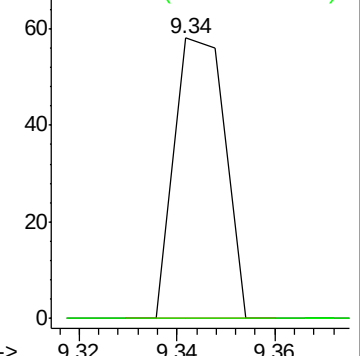
129 100

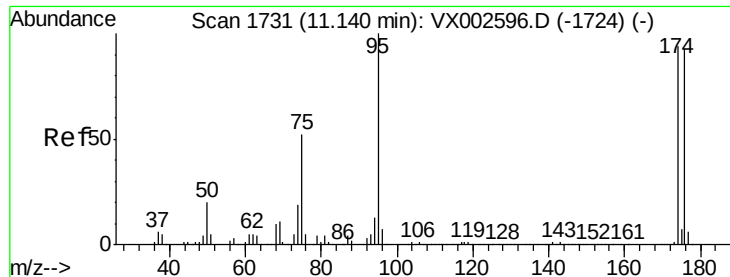
127 0.0 38.5 115.3#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

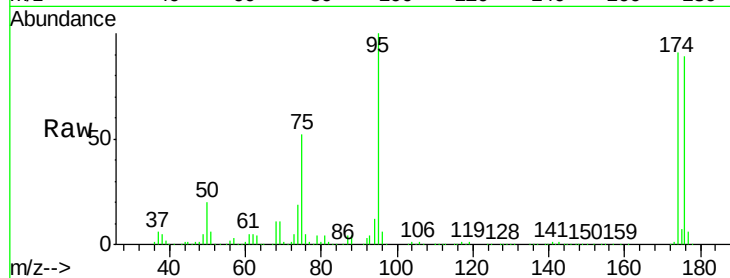




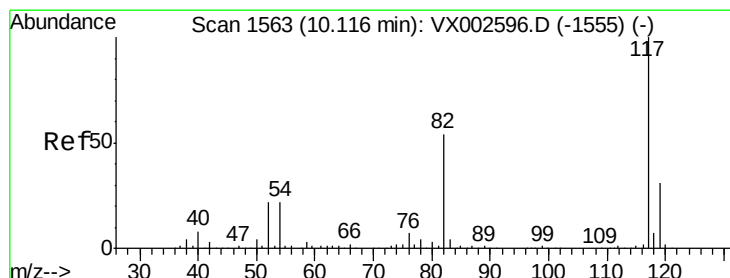
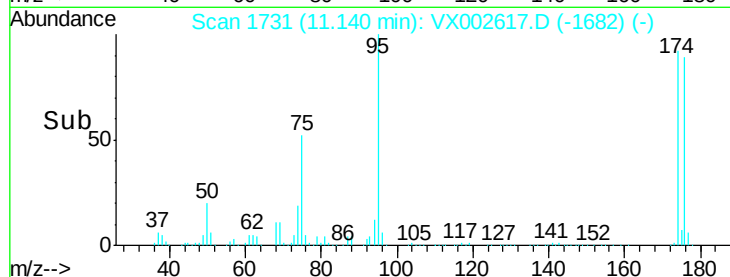
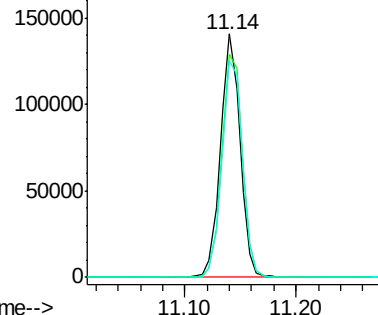
#62
4-Bromofluorobenzene
Concen: 49.09 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002617.D
Acq: 16 Jun 2018 00:35

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-05-061118

Tot Ion: 95 Resp: 172090
Ion Ratio Lower Upper
95 100
174 96.2 0.0 187.4
176 93.2 0.0 181.0

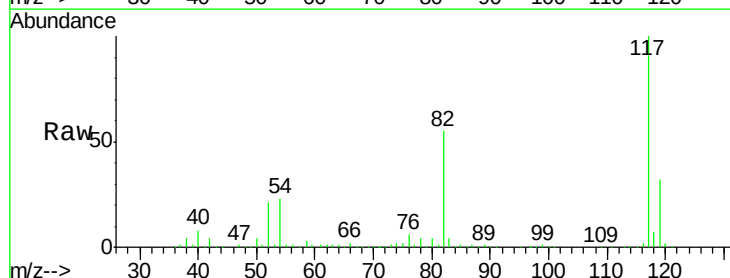


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

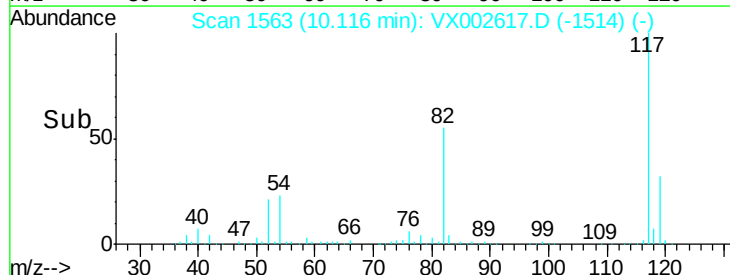
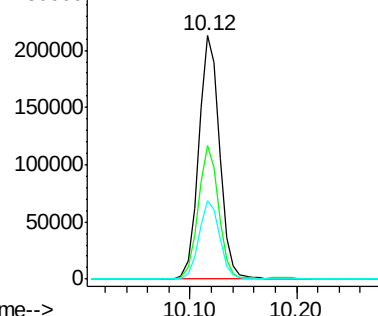


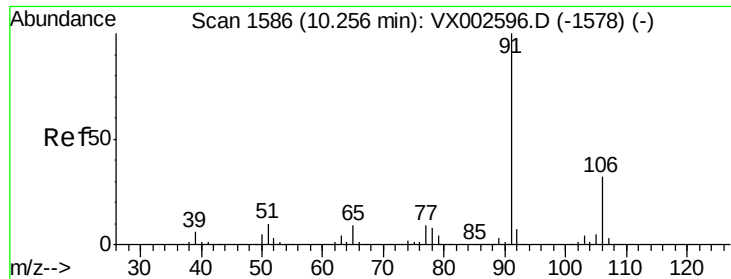
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002617.D
Acq: 16 Jun 2018 00:35

Tgt Ion: 117 Resp: 292631
Ion Ratio Lower Upper
117 100
82 55.0 45.0 67.4
119 32.4 25.8 38.6



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

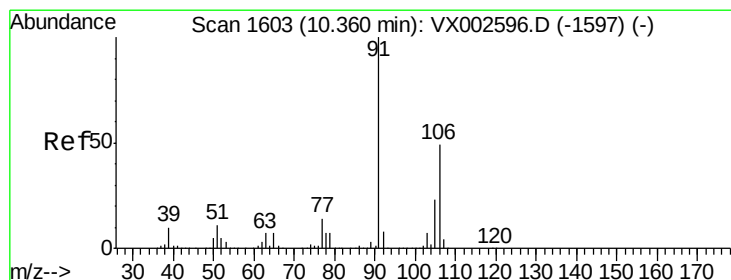
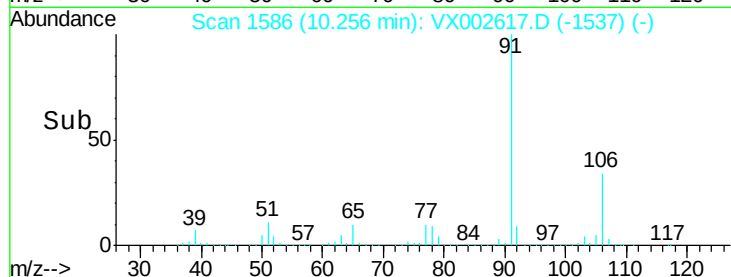
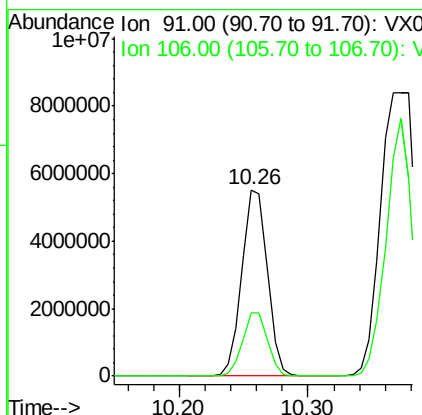
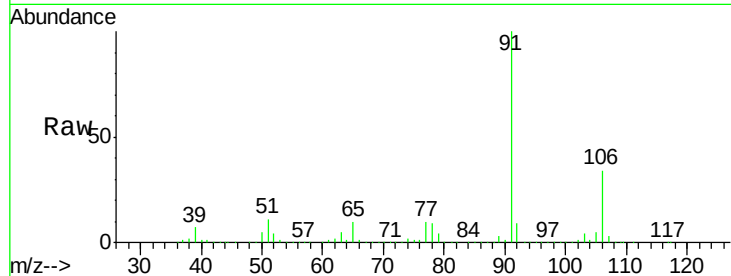




#67
Ethyl Benzene
Concen: 623.32 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002617.D
Acq: 16 Jun 2018 00:35

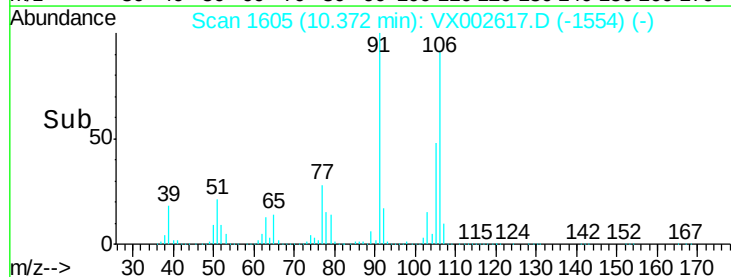
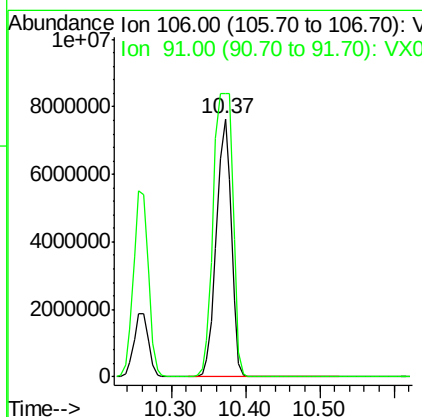
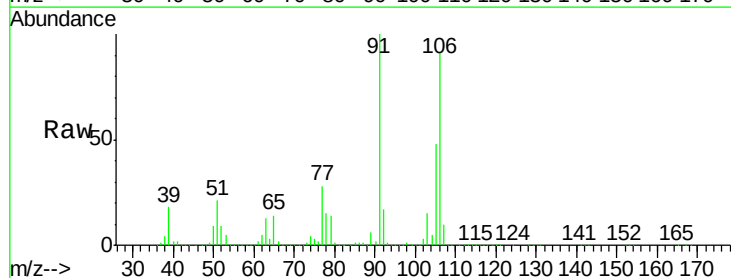
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-05-061118

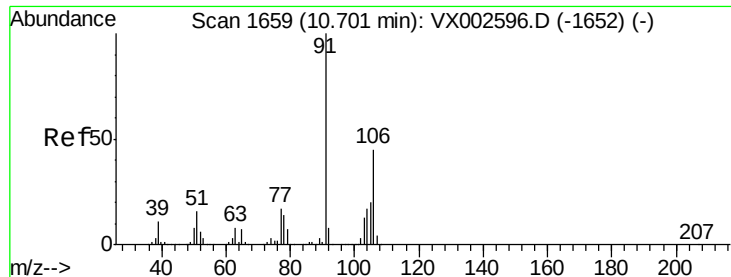
Tot Ion: 91 Resp: 7555620
Ion Ratio Lower Upper
91 100
106 33.8 25.5 38.3



#68
m/p-Xylenes
Concen: 2251.02 ug/l
RT: 10.37 min Scan# 1605
Delta R.T. 0.01 min
Lab File: VX002617.D
Acq: 16 Jun 2018 00:35

Tgt Ion: 106 Resp: 10525370
Ion Ratio Lower Upper
106 100
91 145.9 163.4 245.2

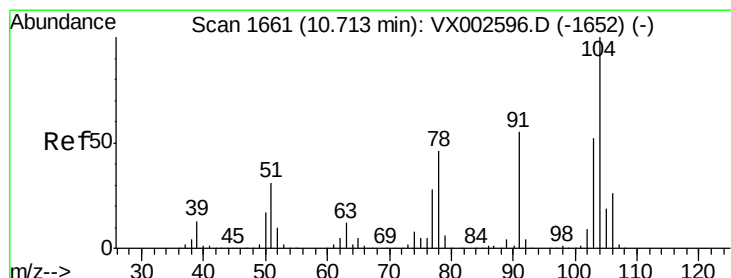
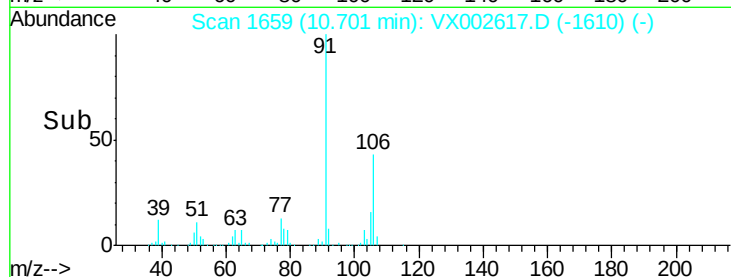
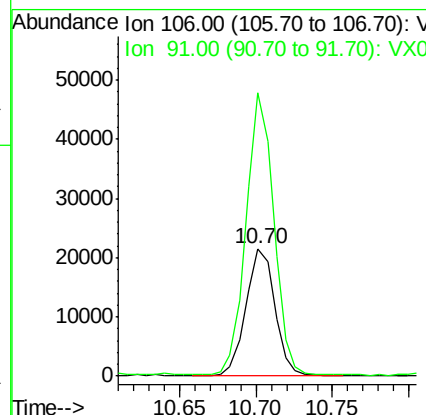
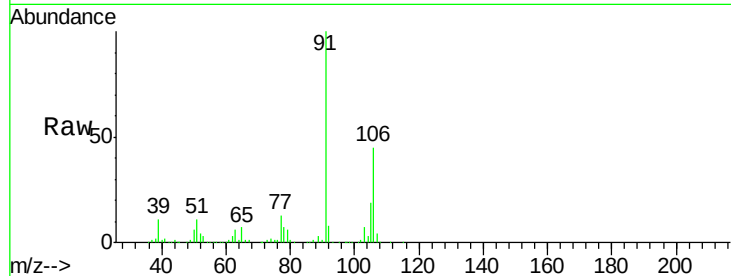




#69
o-Xylene
Concen: 6.15 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002617.D
Acq: 16 Jun 2018 00:35

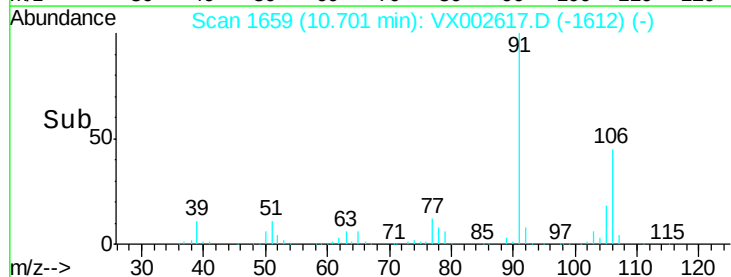
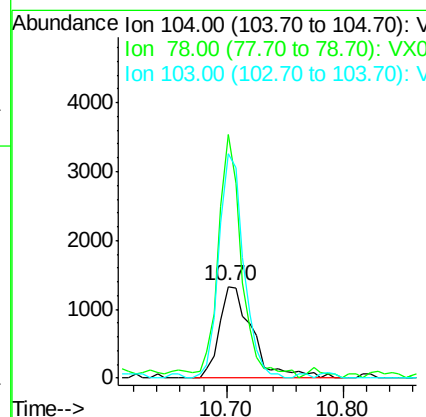
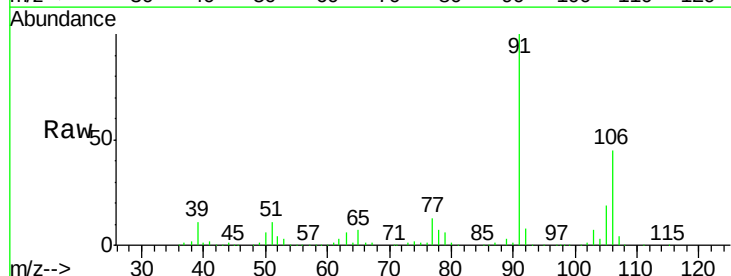
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-05-061118

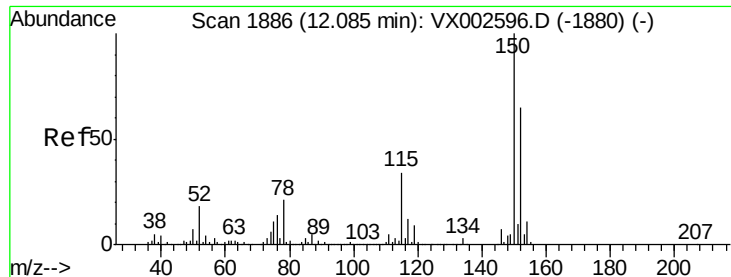
Tot Ion:106 Resp: 28244
Ion Ratio Lower Upper
106 100
91 210.4 108.2 324.6



#70
Styrene
Concen: 0.35 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX002617.D
Acq: 16 Jun 2018 00:35

Tgt Ion:104 Resp: 2619
Ion Ratio Lower Upper
104 100
78 185.5 41.0 61.6#
103 182.5 44.2 66.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002617.D

Acq: 16 Jun 2018 00:35

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-05-061118

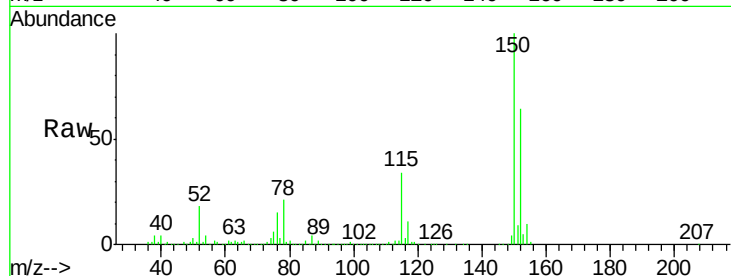
Tot Ion:152 Resp: 193397

Ion Ratio Lower Upper

152 100

115 55.2 40.1 120.2

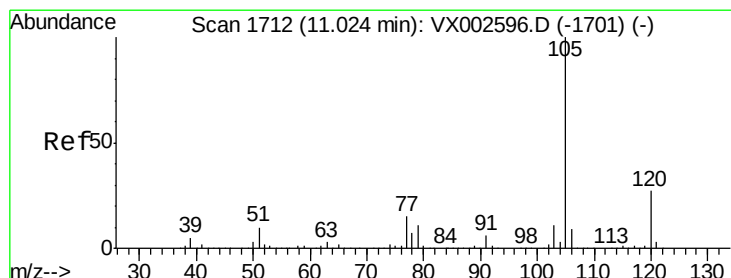
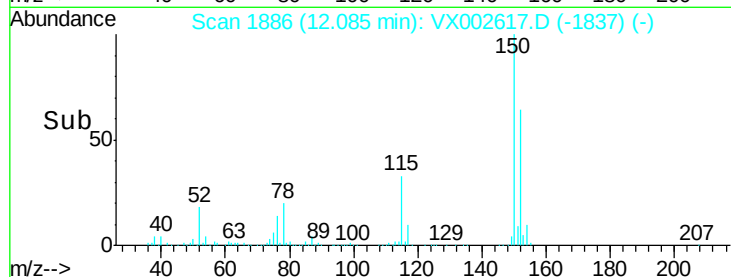
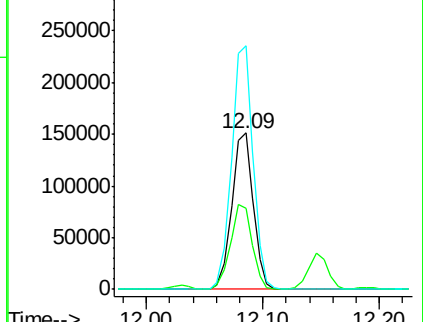
150 156.3 0.0 347.2



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: 61.85 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002617.D

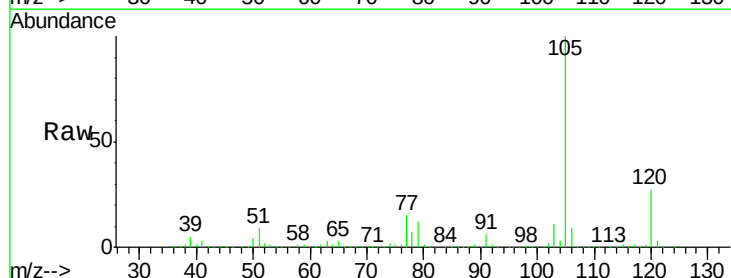
Acq: 16 Jun 2018 00:35

Tgt Ion:105 Resp: 800011

Ion Ratio Lower Upper

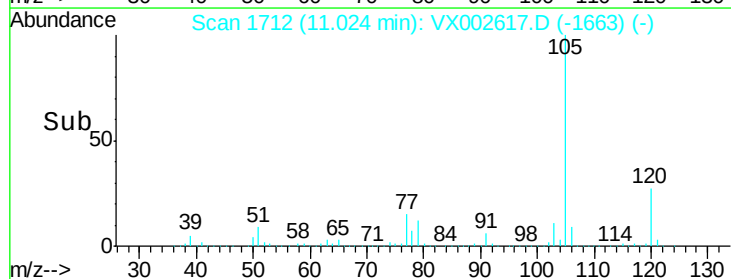
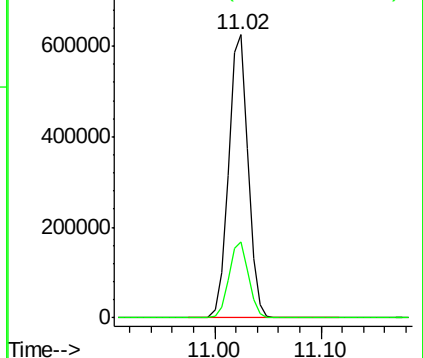
105 100

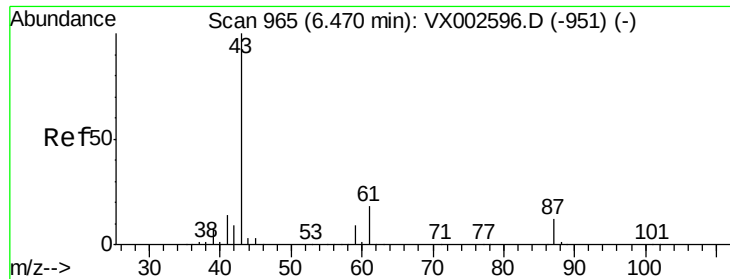
120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

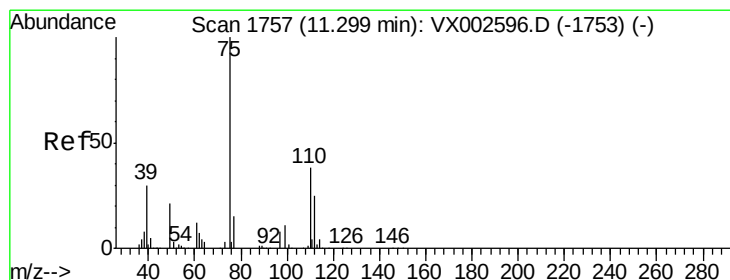
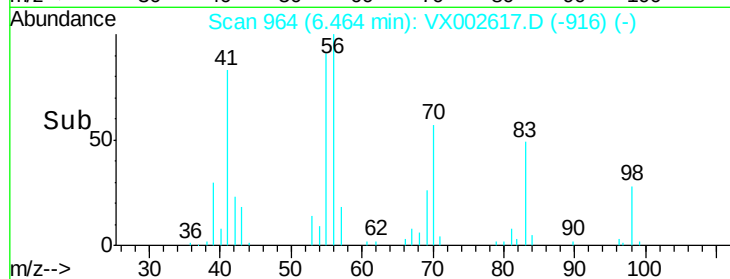
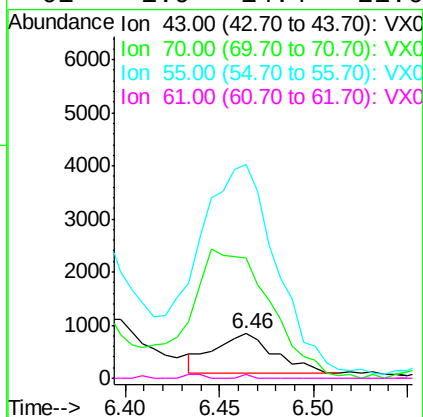
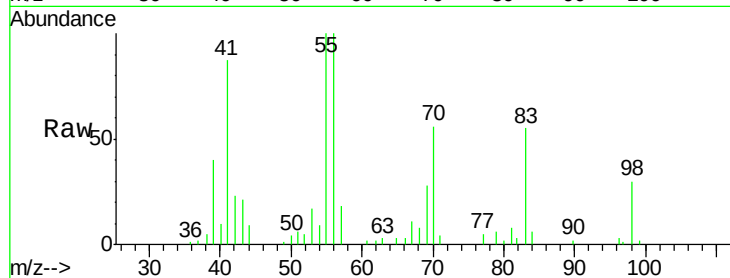




#74
N-amvl acetate
Concen: 0.25 ug/l
RT: 6.46 min Scan# 964
Delta R.T. -0.01 min
Lab File: VX002617.D
Acq: 16 Jun 2018 00:35

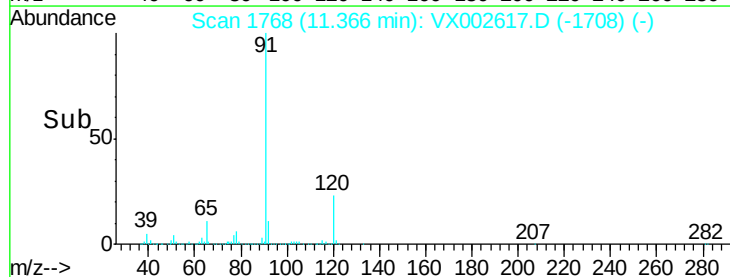
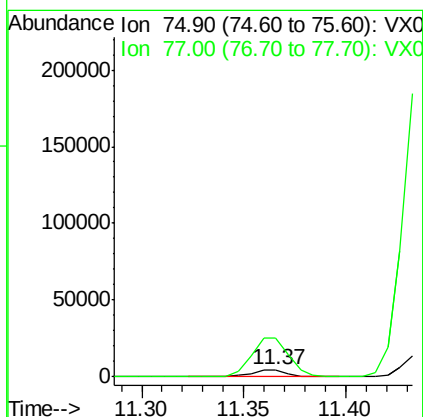
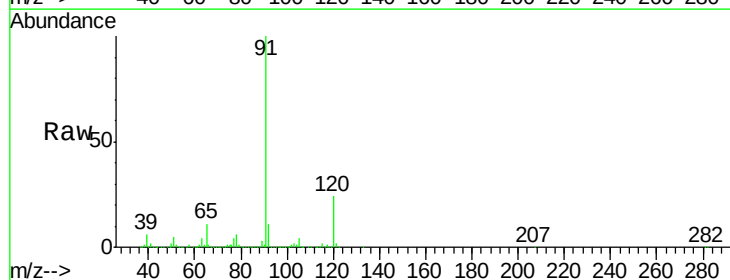
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-05-061118

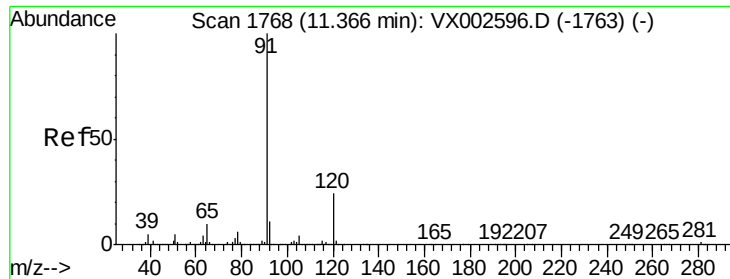
Tot Ion: 43 Resp: 1614
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0
55 703.6 0.0 0.0#
61 1.9 14.4 21.6#



#76
1,2,3-Trichloropropane
Concen: 1.53 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. 0.07 min
Lab File: VX002617.D
Acq: 16 Jun 2018 00:35

Tgt Ion: 75 Resp: 5581
Ion Ratio Lower Upper
75 100
77 585.8 22.8 68.3#





#78

n-propylbenzene

Concen: 52.54 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002617.D

Acq: 16 Jun 2018 00:35

Instrument :

MSVOA_X

ClientSampleId :

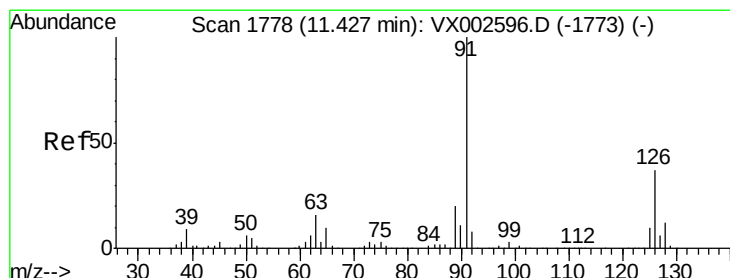
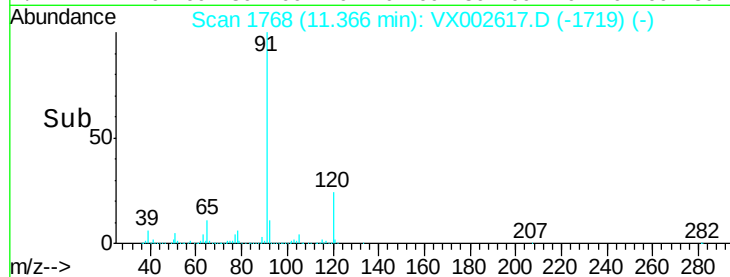
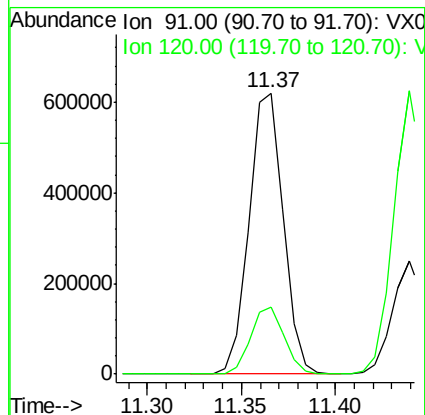
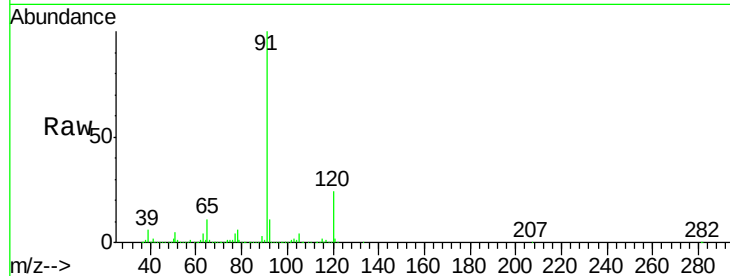
PR-MW-05-061118

Tot Ion: 91 Resp: 779368

Ion Ratio Lower Upper

91 100

120 23.4 11.8 35.4



#79

2-Chlorotoluene

Concen: 47.08 ug/l

RT: 11.44 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VX002617.D

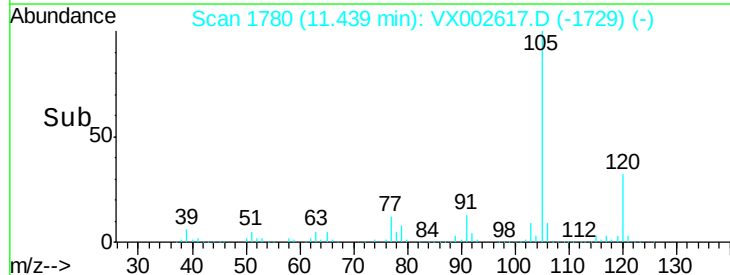
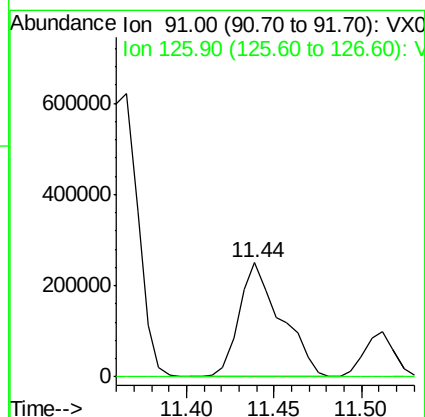
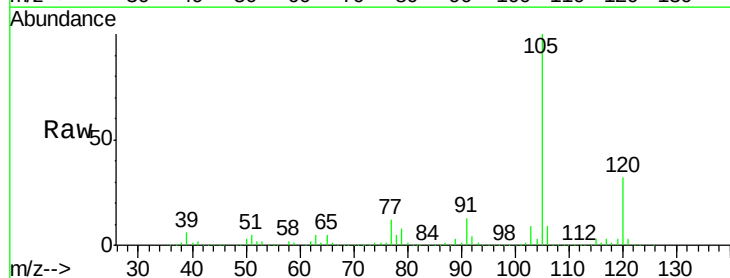
Acq: 16 Jun 2018 00:35

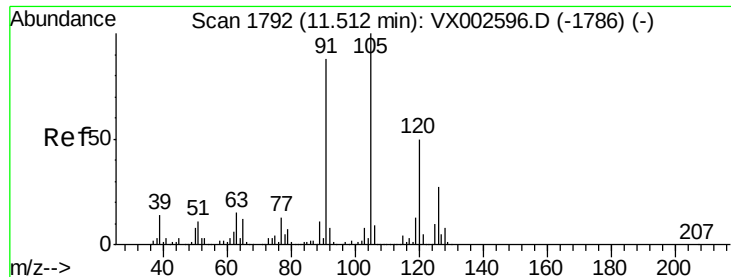
Tgt Ion: 91 Resp: 416989

Ion Ratio Lower Upper

91 100

126 0.1 17.7 53.1#





#80

1,3,5-Trimethylbenzene

Concen: 98.77 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002617.D

Acq: 16 Jun 2018 00:35

Instrument :

MSVOA_X

ClientSampleId :

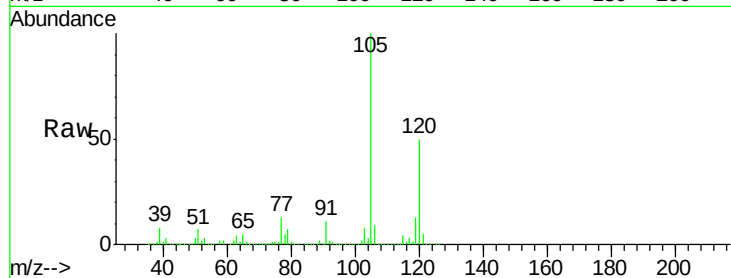
PR-MW-05-061118

Tot Ion:105 Resp: 1079711

Ion Ratio Lower Upper

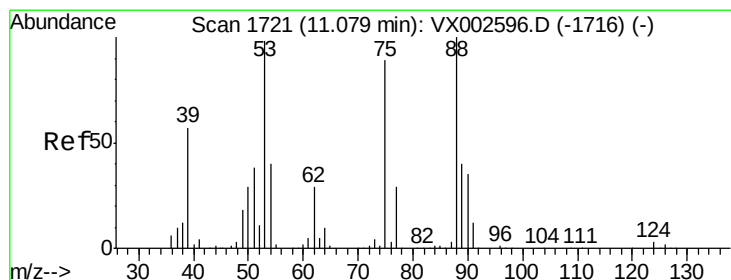
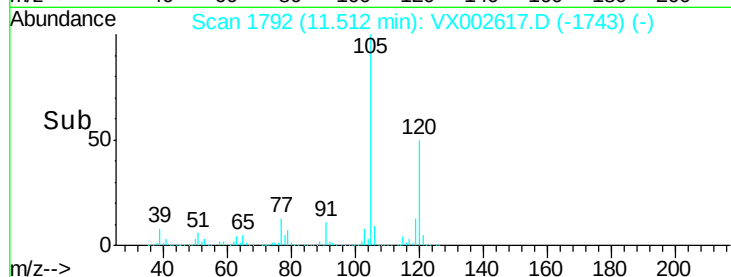
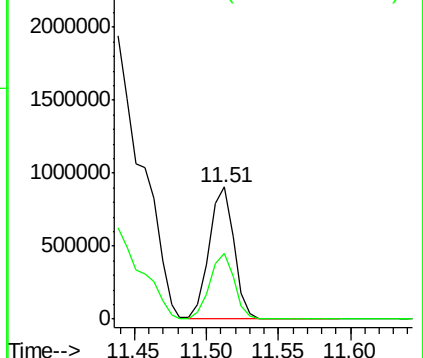
105 100

120 49.3 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 11.99 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.05 min

Lab File: VX002617.D

Acq: 16 Jun 2018 00:35

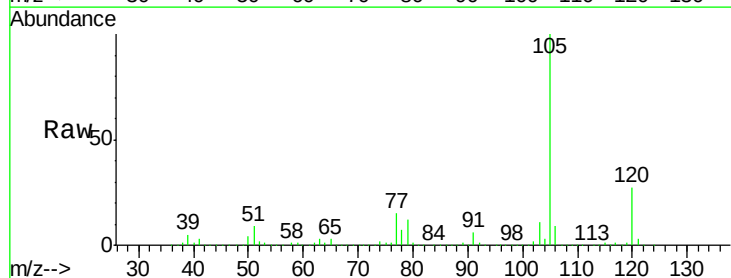
Tgt Ion: 75 Resp: 9714

Ion Ratio Lower Upper

75 100

53 106.0 86.8 130.2

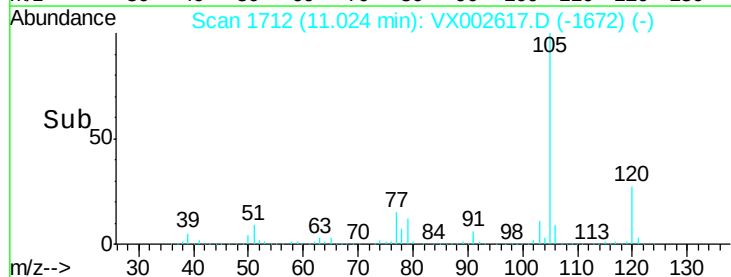
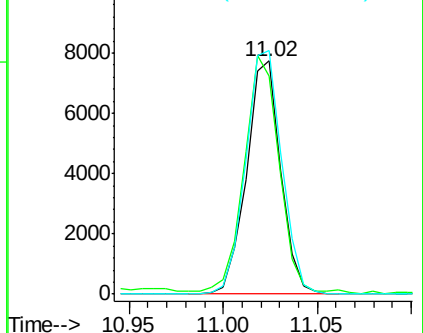
89 110.3 38.2 57.2#

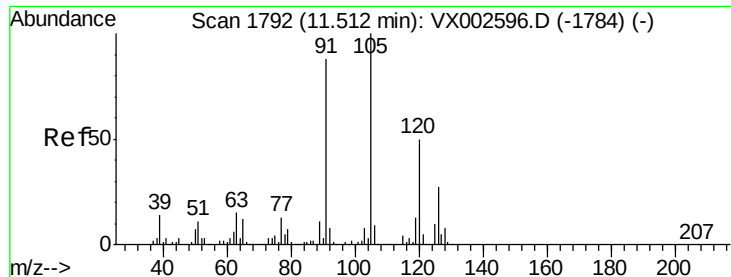


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 11.26 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002617.D

Acq: 16 Jun 2018 00:35

Instrument :

MSVOA_X

ClientSampleId :

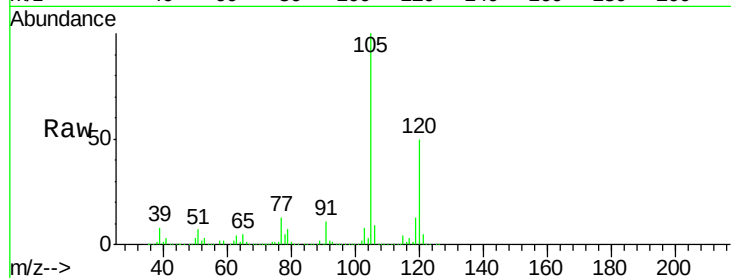
PR-MW-05-061118

Tot Ion: 91 Resp: 117677

Ion Ratio Lower Upper

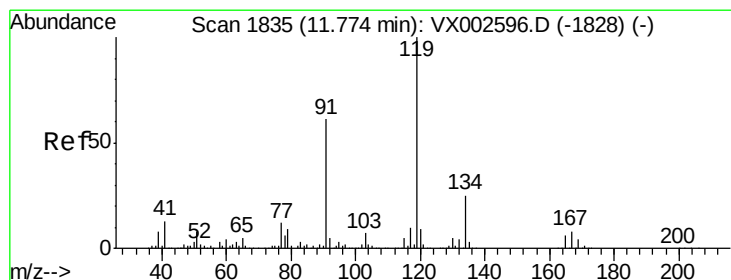
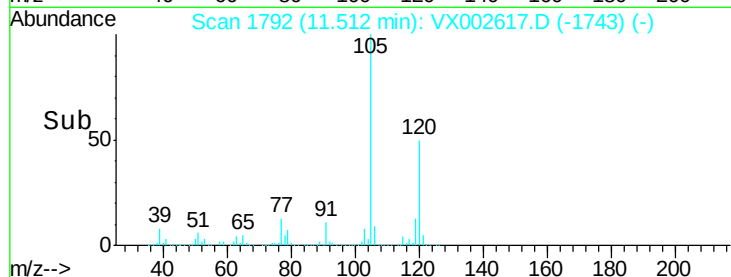
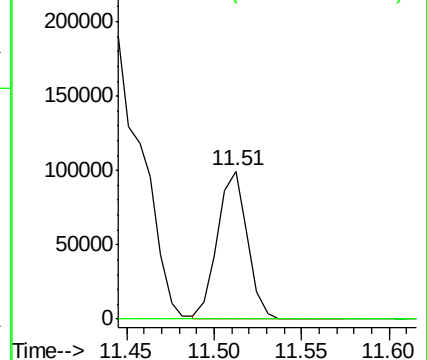
91 100

126 0.2 15.4 46.4#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#83

tert-Butylbenzene

Concen: 54.17 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.04 min

Lab File: VX002617.D

Acq: 16 Jun 2018 00:35

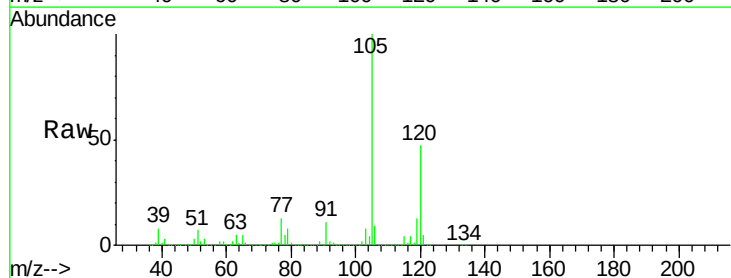
Tgt Ion: 119 Resp: 570431

Ion Ratio Lower Upper

119 100

91 87.8 30.3 90.9

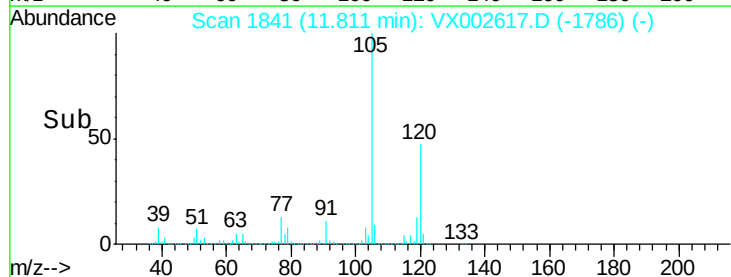
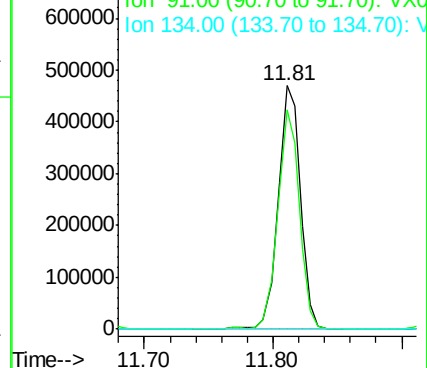
134 0.0 11.7 35.1#

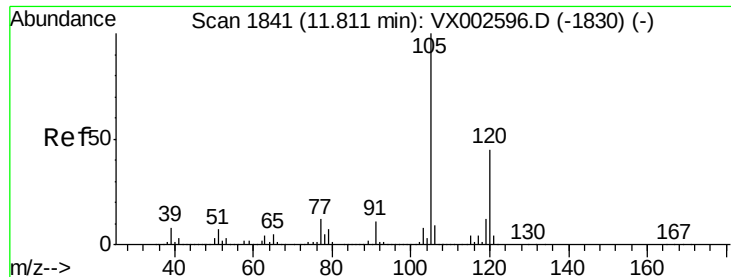


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V





#84

1,2,4-Trimethylbenzene

Concen: 403.77 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX002617.D

Acq: 16 Jun 2018 00:35

Instrument :

MSVOA_X

ClientSampleId :

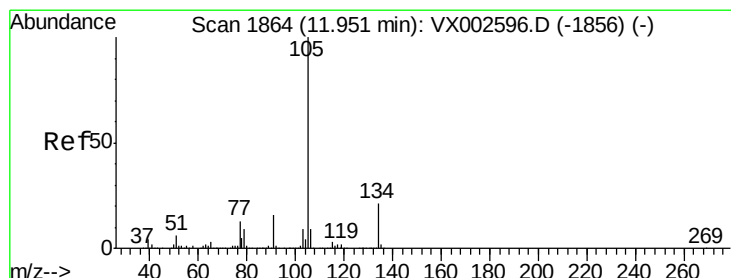
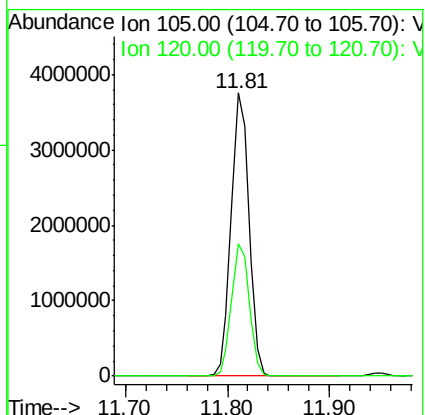
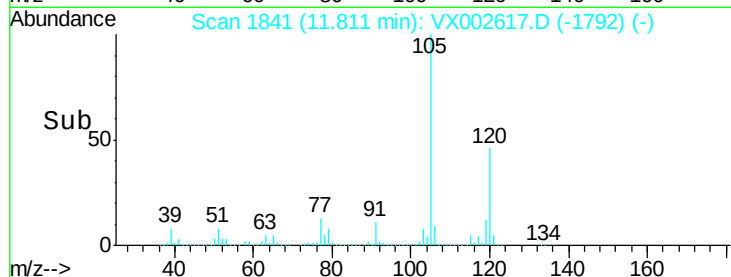
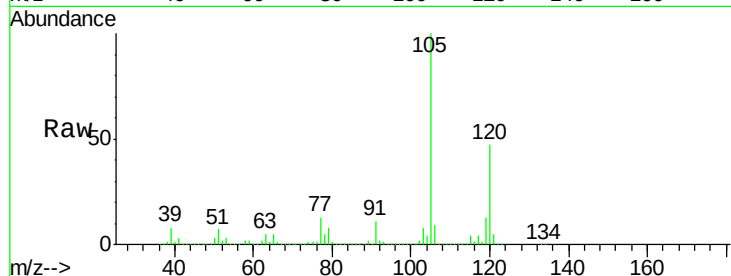
PR-MW-05-061118

Tot Ion:105 Resp: 4503725

Ion Ratio Lower Upper

105 100

120 46.7 22.3 66.8



#85

sec-Butylbenzene

Concen: 343.96 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.14 min

Lab File: VX002617.D

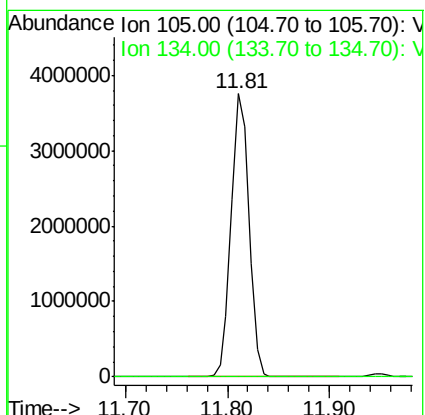
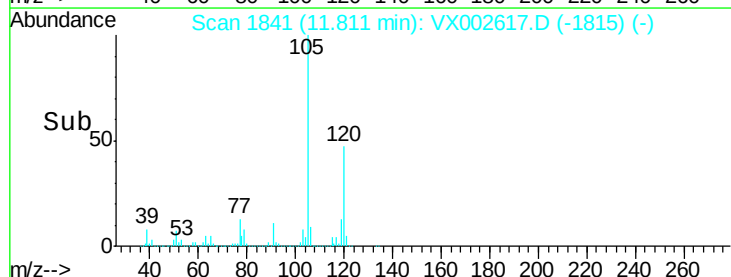
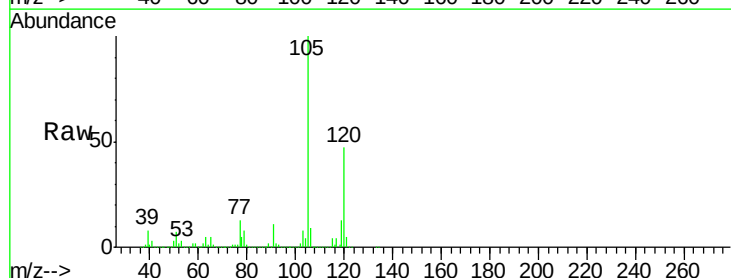
Acq: 16 Jun 2018 00:35

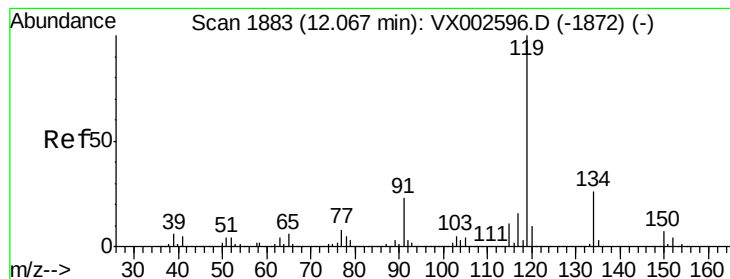
Tgt Ion:105 Resp: 4503725

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.1#





#86

p-Isopropyltoluene

Concen: 2.38 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002617.D

Acq: 16 Jun 2018 00:35

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-05-061118

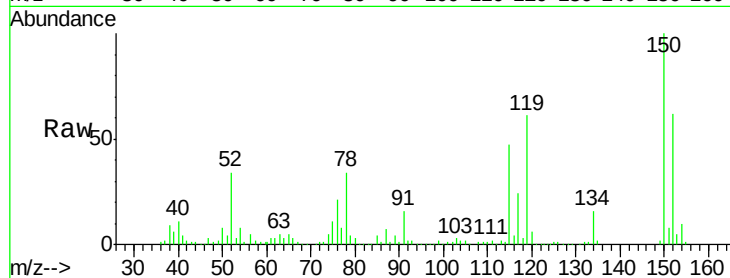
Tot Ion:119 Resp: 28198

Ion Ratio Lower Upper

119 100

134 28.2 13.4 40.1

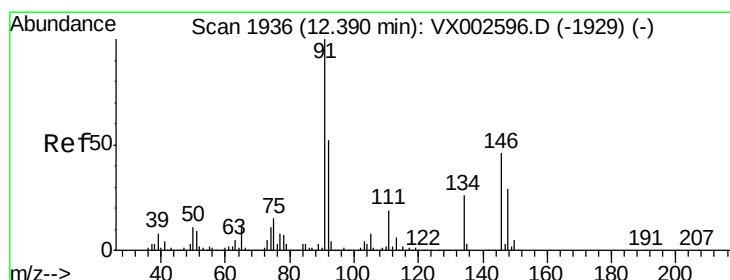
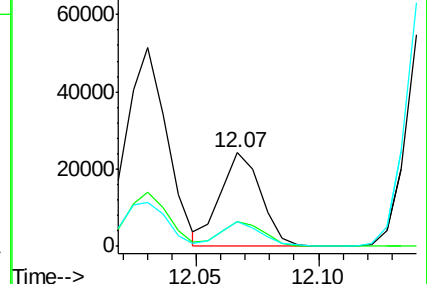
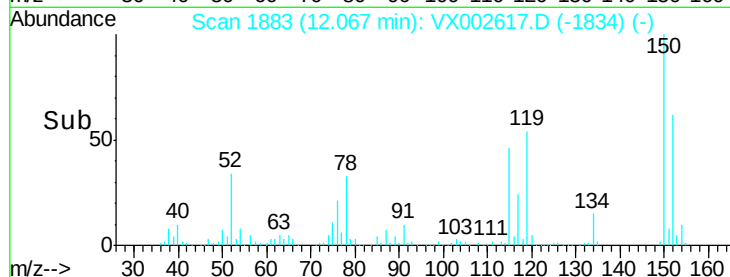
91 0.0 11.9 35.7#



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): V



#89

n-Butylbenzene

Concen: 7.45 ug/l

RT: 12.38 min Scan# 1934

Delta R.T. -0.01 min

Lab File: VX002617.D

Acq: 16 Jun 2018 00:35

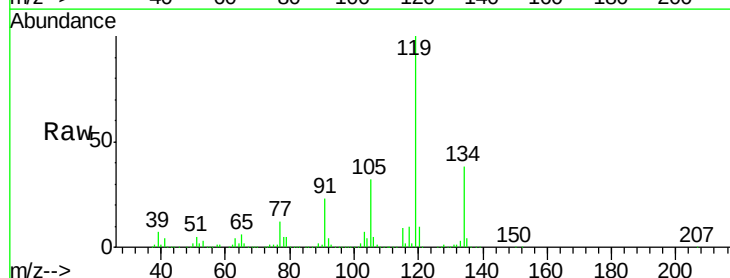
Tgt Ion: 91 Resp: 77821

Ion Ratio Lower Upper

91 100

92 31.0 26.0 78.0

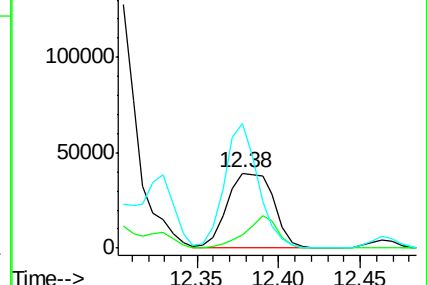
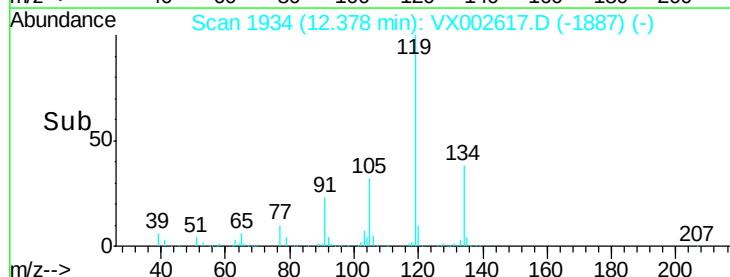
134 120.8 13.5 40.5#

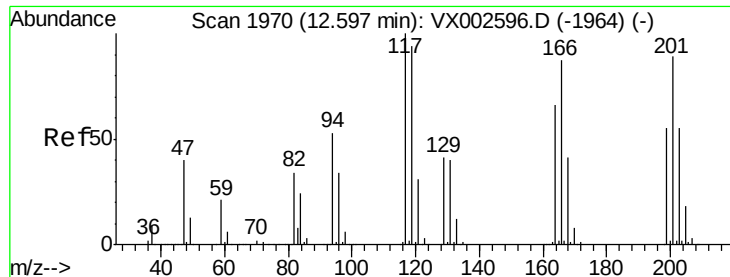


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 15.73 ug/l

RT: 12.67 min Scan# 1982

Delta R.T. 0.07 min

Lab File: VX002617.D

Acq: 16 Jun 2018 00:35

Instrument :

MSVOA_X

ClientSampleId :

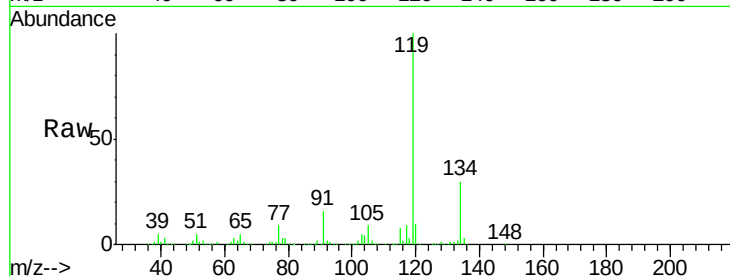
PR-MW-05-061118

Tot Ion:117 Resp: 25539

Ion Ratio Lower Upper

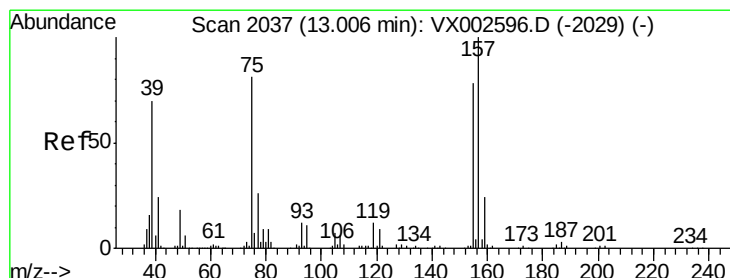
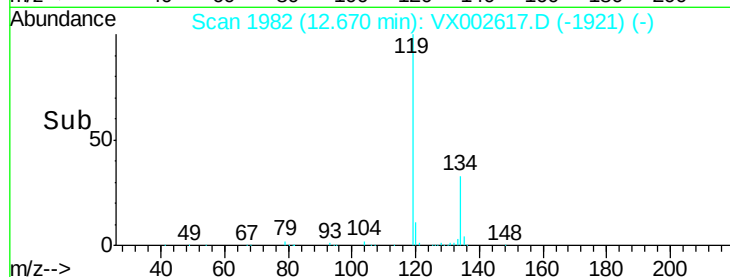
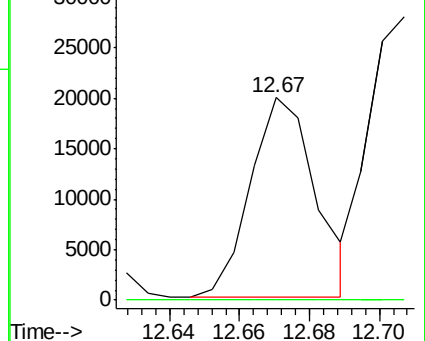
117 100

201 0.0 49.0 147.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.56 ug/l

RT: 13.02 min Scan# 2040

Delta R.T. 0.02 min

Lab File: VX002617.D

Acq: 16 Jun 2018 00:35

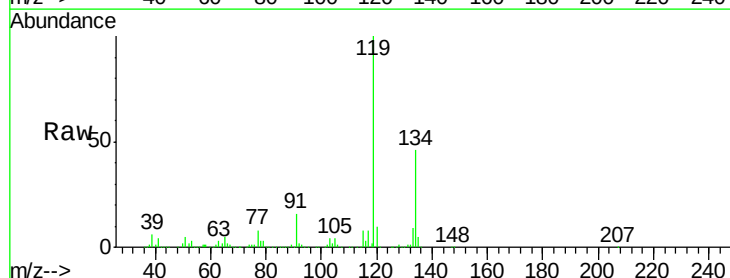
Tgt Ion: 75 Resp: 2051

Ion Ratio Lower Upper

75 100

155 0.0 45.8 137.4#

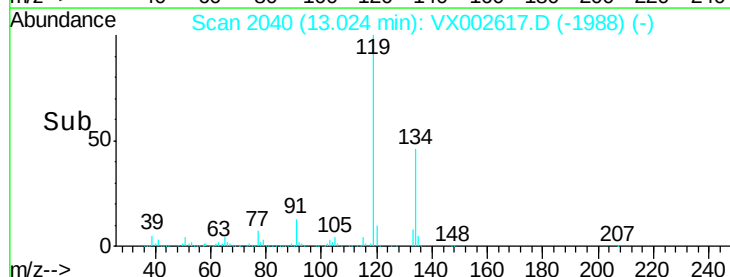
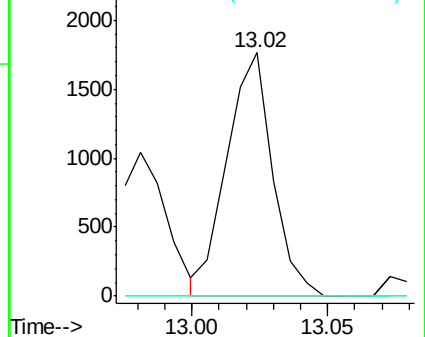
157 0.0 60.1 180.3#

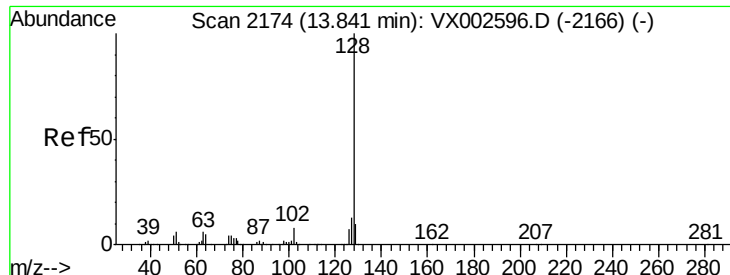


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

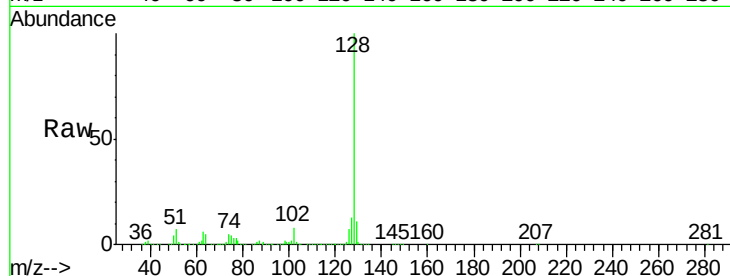




#95
Naphthalene
Concen: 139.21 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX002617.D
Acq: 16 Jun 2018 00:35

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-05-061118

Tot Ion:128 Resp: 1808225
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
2000000
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

