

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
 Data File : VX006548.D
 Acq On : 15 Dec 2018 07:01
 Operator : JC/MD
 Sample : J6398-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-02_121218

Quant Time: Dec 15 22:55:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	684833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1076926	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	974380	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	469402	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	362921	51.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.82%	
35) Dibromofluoromethane	5.51	113	315726	45.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.56%	
50) Toluene-d8	8.71	98	1256118	49.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.06%	
62) 4-Bromofluorobenzene	11.13	95	464216	48.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.87	64	953	0.210	ug/l #	53
11) Tert butyl alcohol	3.03	59	5096	2.665	ug/l #	73
13) Acrolein	2.30	56	504	0.482	ug/l #	13
15) Acrylonitrile	3.17	53	1498	0.375	ug/l #	58
16) Acetone	2.45	43	9805	2.989	ug/l	93
18) Methyl Acetate	2.78	43	2535	0.231	ug/l	93
20) Methylene Chloride	2.86	84	2515	0.360	ug/l #	74
25) 2-Butanone	4.70	43	1747	0.373	ug/l	97
30) Chloroform	5.28	83	7760	0.676	ug/l #	19
31) Cyclohexane	5.58	56	19867	1.967	ug/l #	83
36) 1,1-Dichloropropene	5.67	75	44123	4.865	ug/l #	48
38) Carbon Tetrachloride	5.67	117	64768	6.071	ug/l #	16
39) Methylcyclohexane	7.46	83	31093	2.641	ug/l	93
40) Benzene	6.15	78	7598	0.280	ug/l	99
49) 1,4-Dioxane	7.75	88	63	0.310	ug/l #	1
52) Toluene	8.78	92	3780	0.212	ug/l	92
55) 1,1,2-Trichloroethane	9.16	97	8042	1.108	ug/l #	22
59) 2-Hexanone	9.52	43	2384	0.317	ug/l	95
67) Ethyl Benzene	10.26	91	20348	0.591	ug/l	95
68) m/p-Xylenes	10.36	106	3461	0.251	ug/l	87
73) Isopropylbenzene	11.02	105	1002694	30.932	ug/l	100
76) 1,2,3-Trichloropropane	11.13	75	210862	23.273	ug/l #	35
78) n-propylbenzene	11.36	91	419855	11.652	ug/l	99
79) 2-Chlorotoluene	11.36	91	419855	19.604	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.66	105	34025	1.262	ug/l	75
81) trans-1,4-Dichloro-2-buten	11.02	75	9737	2.522	ug/l #	50
82) 4-Chlorotoluene	11.36	91	419855	16.861	ug/l #	42
83) tert-Butylbenzene	11.77	119	18234	0.634	ug/l	94
84) 1,2,4-Trimethylbenzene	11.81	105	6277	0.225	ug/l	92
85) sec-Butylbenzene	11.94	105	125845	3.844	ug/l	81
86) p-Isopropyltoluene	12.23	119	34856	1.182	ug/l	95
89) n-Butylbenzene	12.38	91	44384	1.765	ug/l #	75
90) Hexachloroethane	12.67	117	25166	4.189	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	12.97	75	1591	0.598	ug/l #	3

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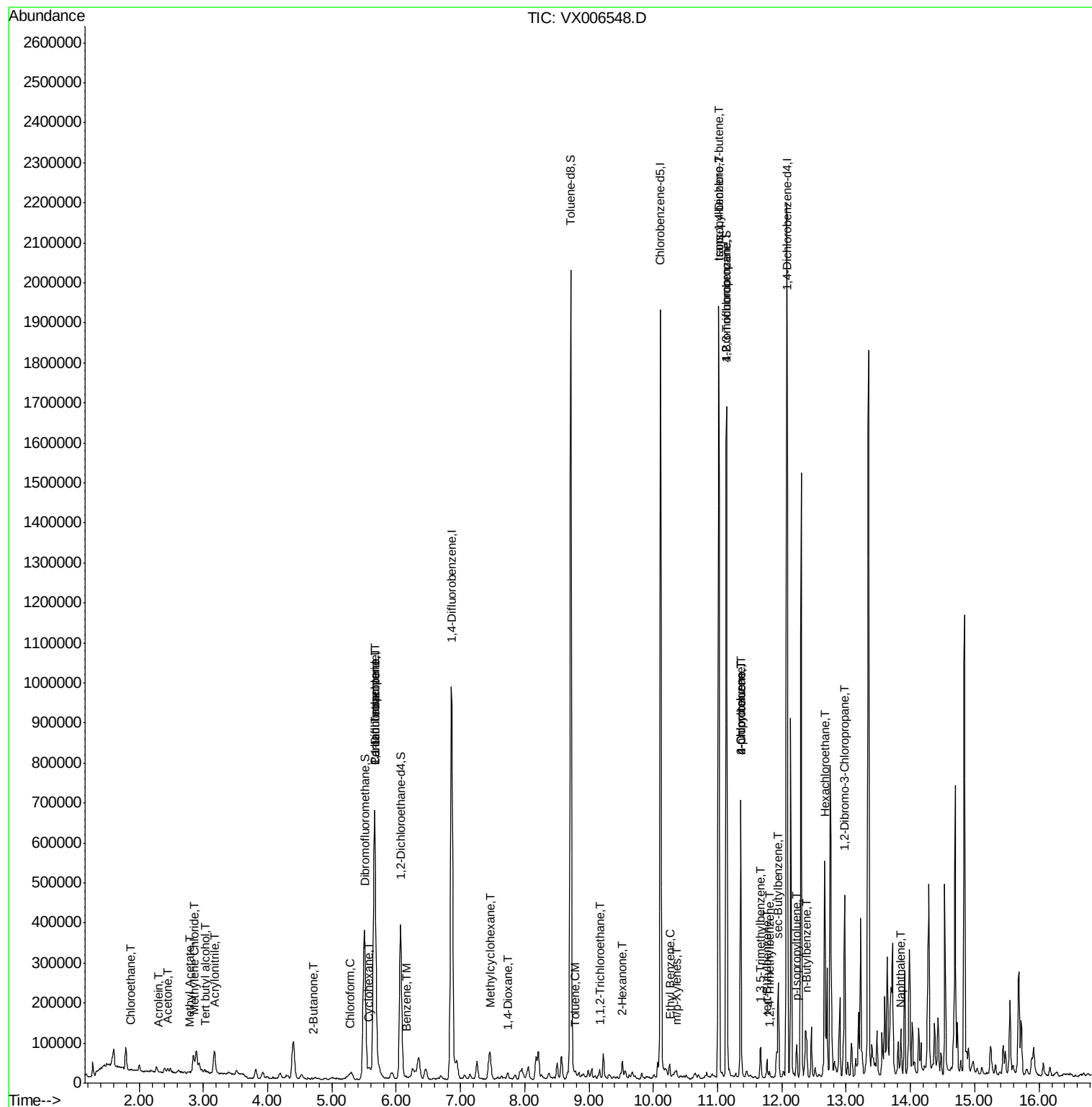
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.83	128	8079	0.224	ug/l #	51

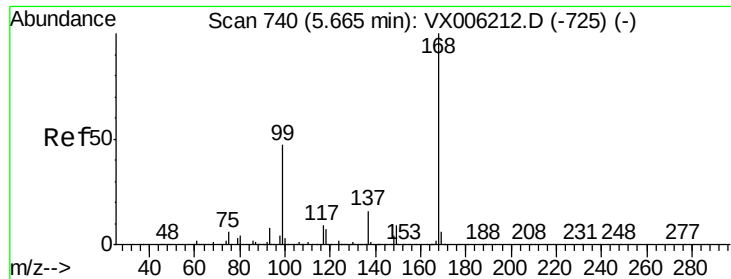
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006548.D

Acq: 15 Dec 2018 07:01

Instrument :

MSVOA_X

ClientSampleId :

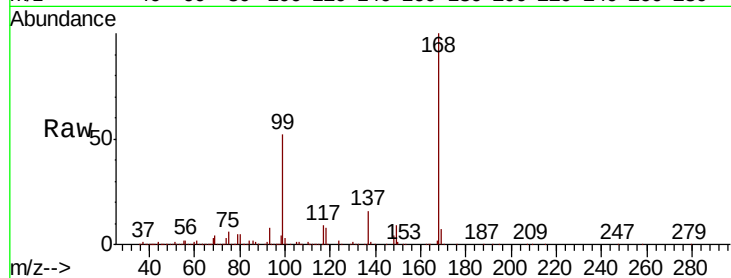
PR-MW-02_121218

Tgt Ion:168 Resp: 684833

Ion Ratio Lower Upper

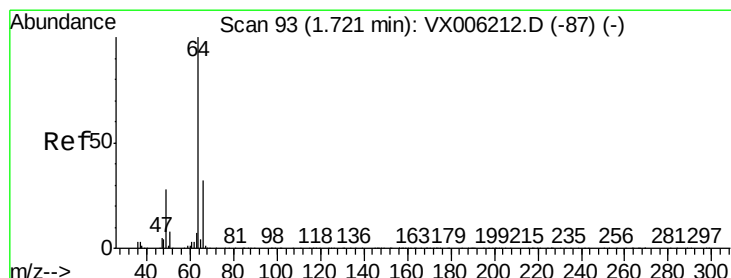
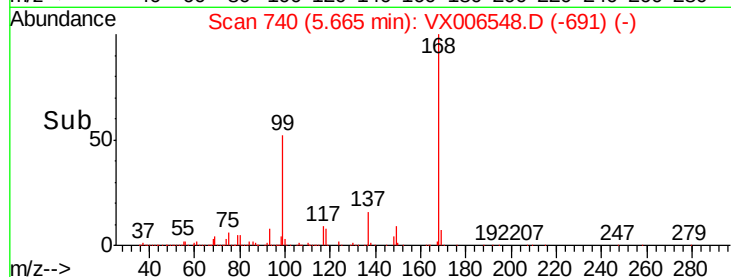
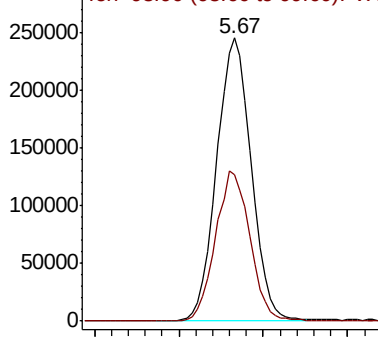
168 100

99 51.7 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#6

Chloroethane

Concen: 0.210 ug/l

RT: 1.87 min Scan# 117

Delta R.T. 0.15 min

Lab File: VX006548.D

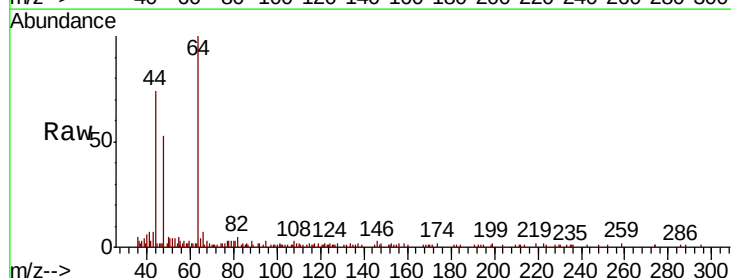
Acq: 15 Dec 2018 07:01

Tgt Ion: 64 Resp: 953

Ion Ratio Lower Upper

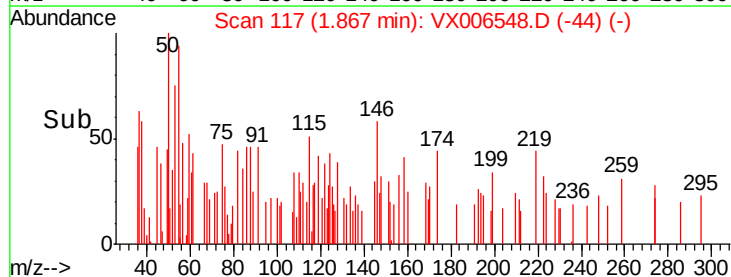
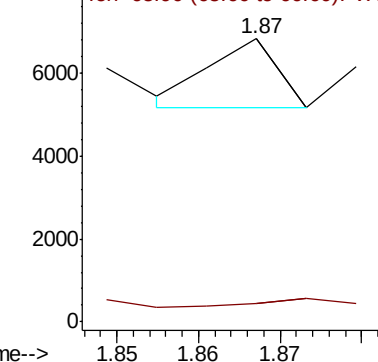
64 100

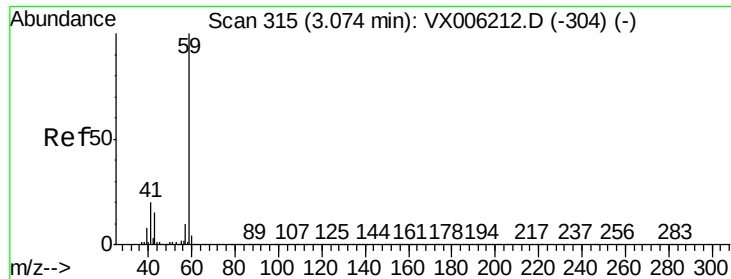
66 6.1 25.9 38.9#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

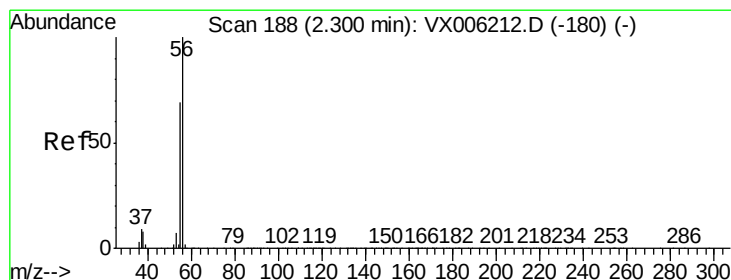
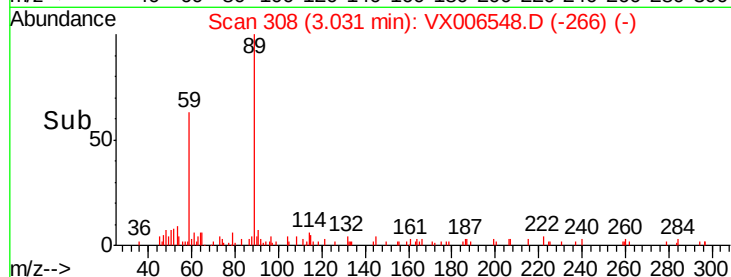
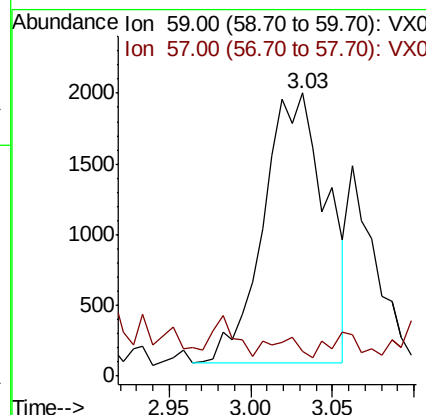
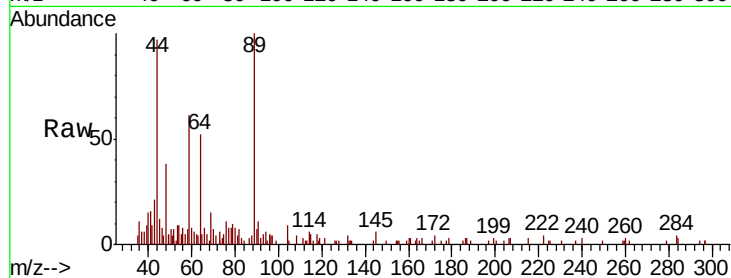




#11
Tert butyl alcohol
Concen: 2.665 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.04 min
Lab File: VX006548.D
Acq: 15 Dec 2018 07:01

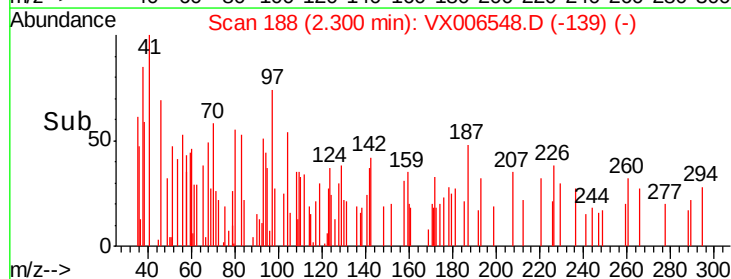
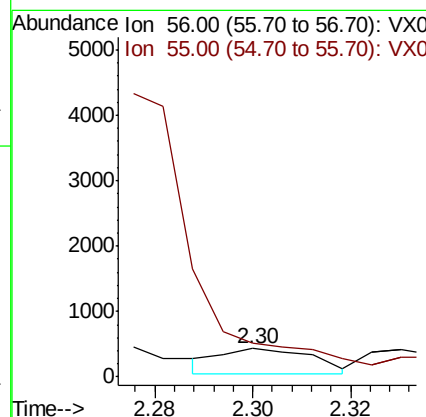
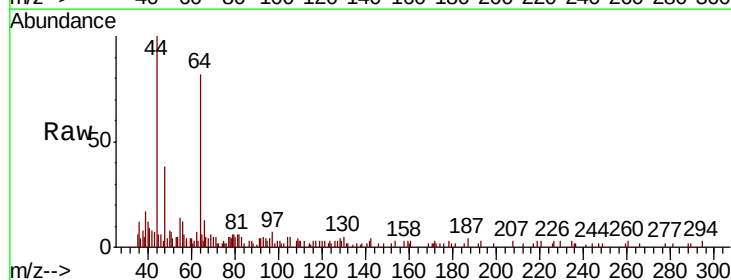
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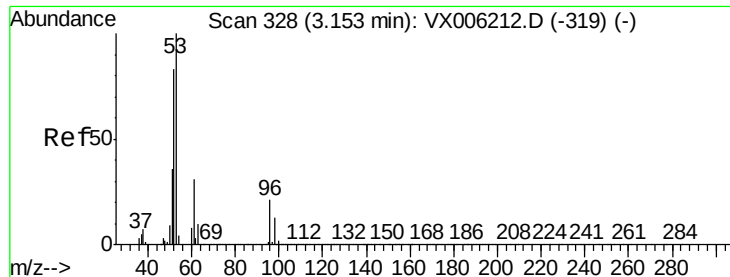
Tgt Ion: 59 Resp: 5096
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#13
Acrolein
Concen: 0.482 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.00 min
Lab File: VX006548.D
Acq: 15 Dec 2018 07:01

Tgt Ion: 56 Resp: 504
Ion Ratio Lower Upper
56 100
55 0.0 57.8 86.6#





#15

Acrylonitrile

Concen: 0.375 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX006548.D

Acq: 15 Dec 2018 07:01

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-02_121218

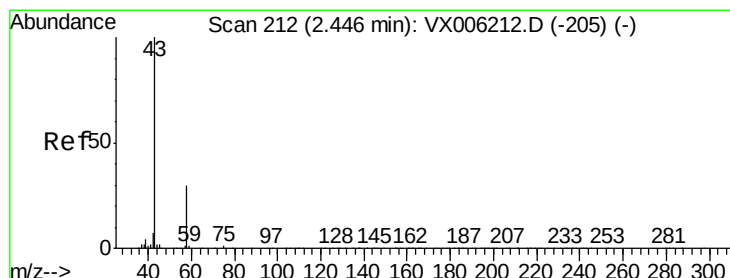
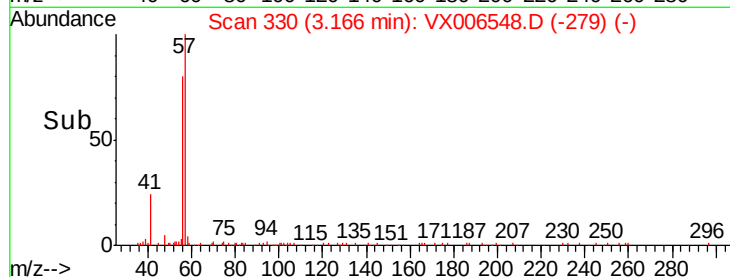
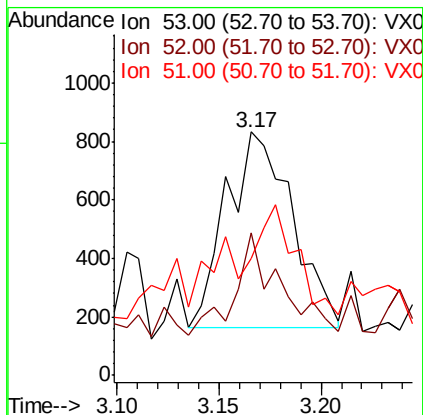
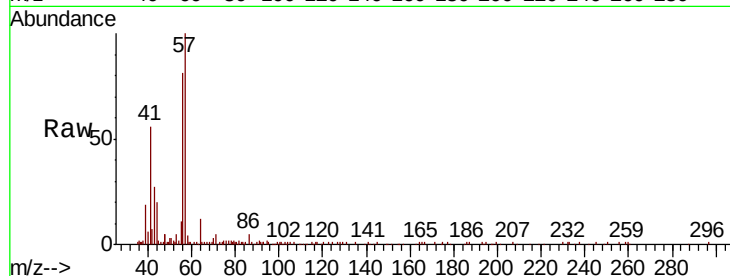
Tgt Ion: 53 Resp: 1498

Ion Ratio Lower Upper

53 100

52 36.6 66.2 99.4#

51 23.8 28.7 43.1#



#16

Acetone

Concen: 2.989 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006548.D

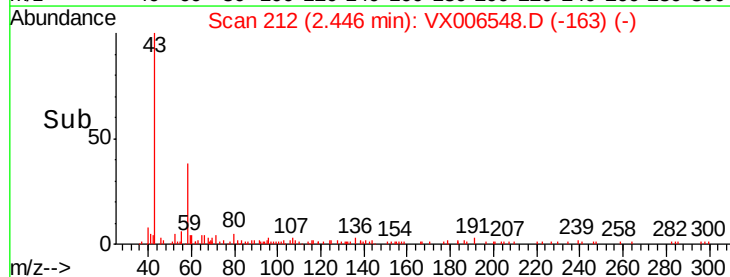
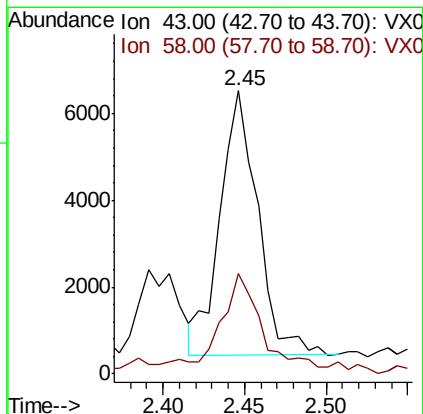
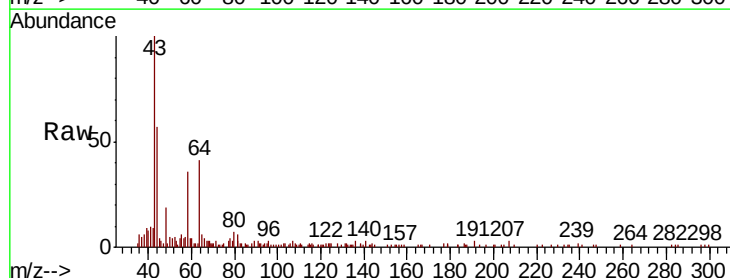
Acq: 15 Dec 2018 07:01

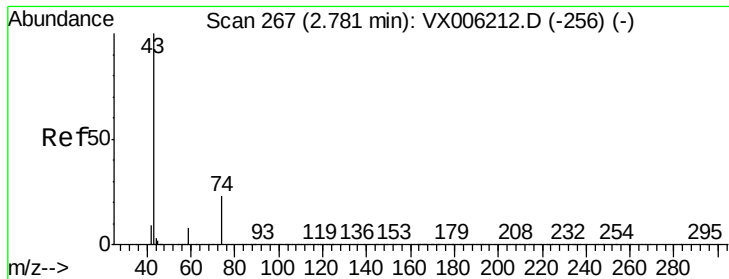
Tgt Ion: 43 Resp: 9805

Ion Ratio Lower Upper

43 100

58 33.7 24.0 36.0

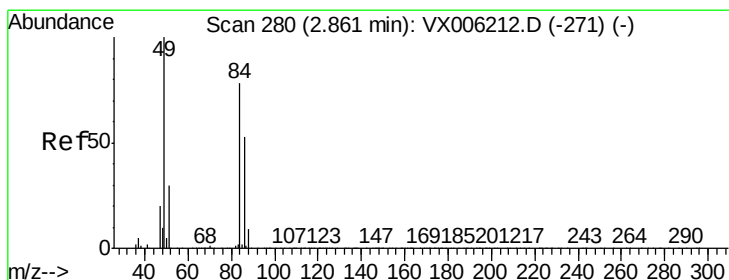
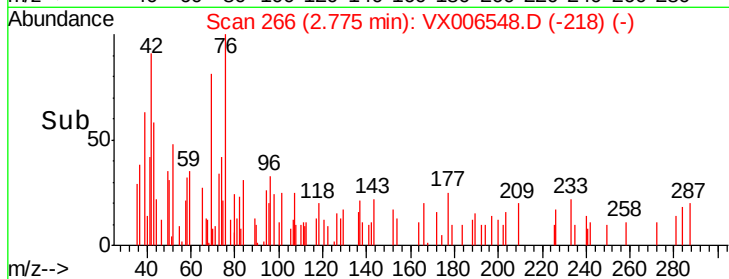
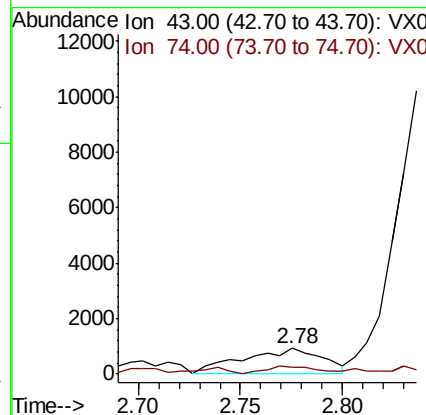
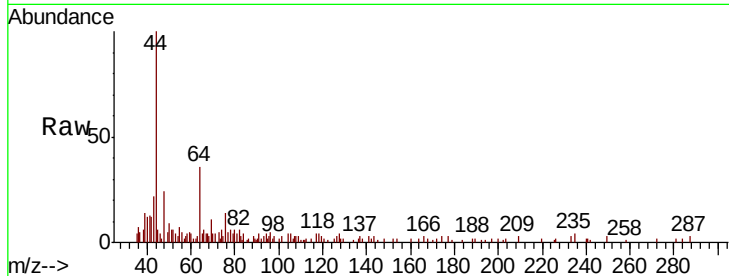




#18
Methyl Acetate
Concen: 0.231 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX006548.D
Acq: 15 Dec 2018 07:01

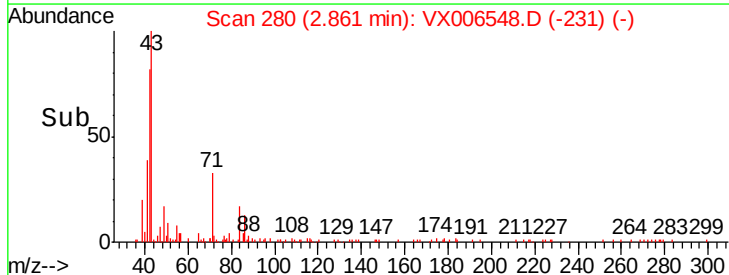
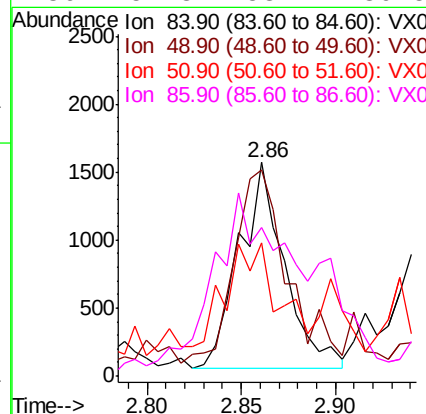
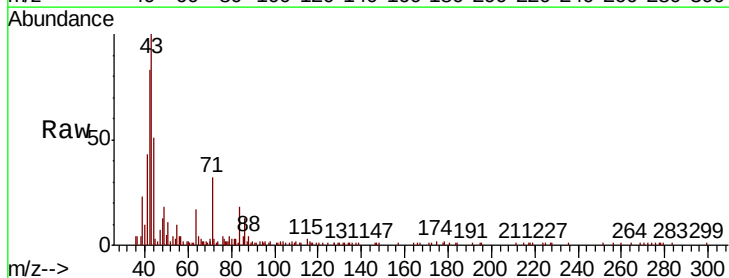
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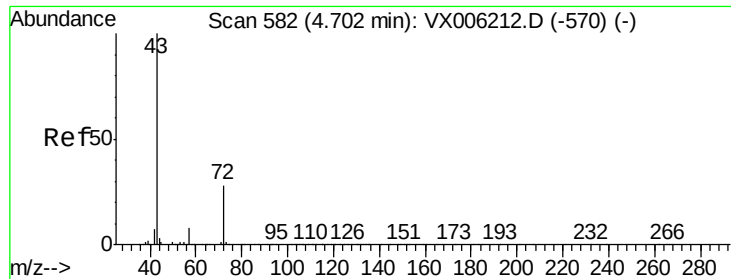
Tgt Ion: 43 Resp: 2535
Ion Ratio Lower Upper
43 100
74 19.1 17.9 26.9



#20
Methylene Chloride
Concen: 0.360 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006548.D
Acq: 15 Dec 2018 07:01

Tgt Ion: 84 Resp: 2515
Ion Ratio Lower Upper
84 100
49 90.1 102.2 153.4#
51 50.2 31.1 46.7#
86 54.3 53.7 80.5





#25

2-Butanone

Concen: 0.373 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006548.D

Acq: 15 Dec 2018 07:01

Instrument :

MSVOA_X

ClientSampleId :

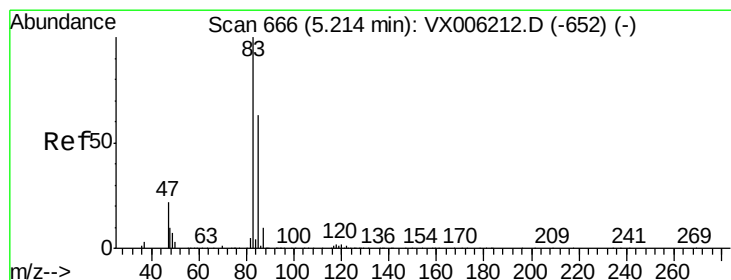
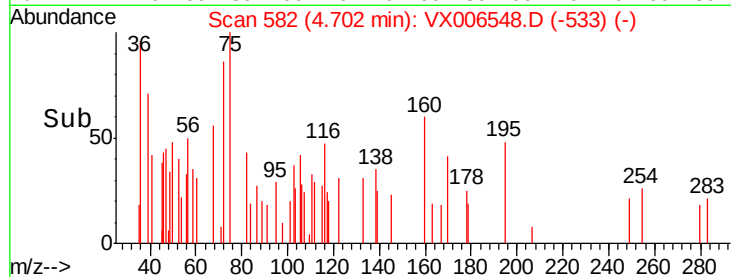
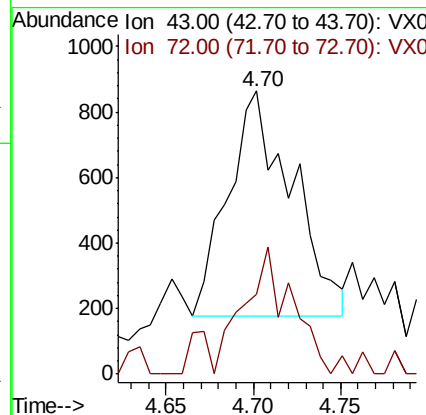
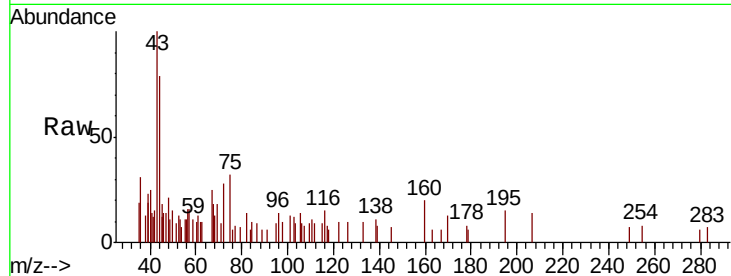
PR-MW-02_121218

Tgt Ion: 43 Resp: 1747

Ion Ratio Lower Upper

43 100

72 26.8 22.6 33.8



#30

Chloroform

Concen: 0.676 ug/l

RT: 5.28 min Scan# 677

Delta R.T. 0.07 min

Lab File: VX006548.D

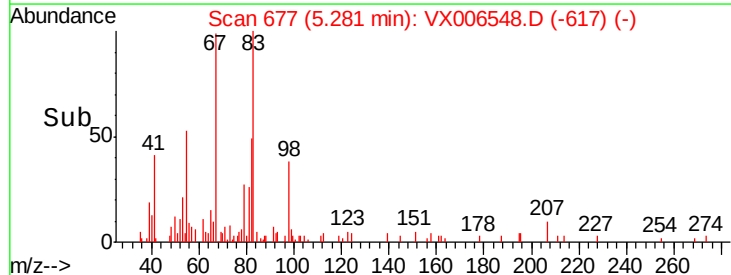
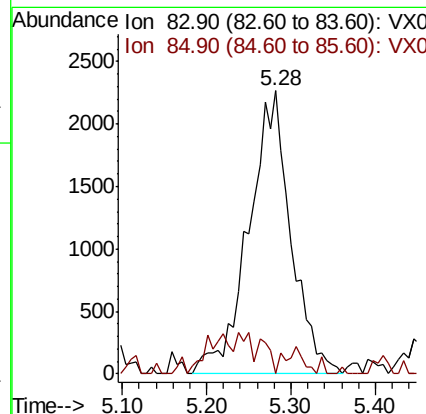
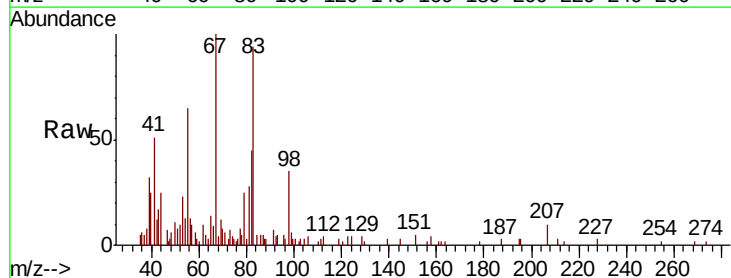
Acq: 15 Dec 2018 07:01

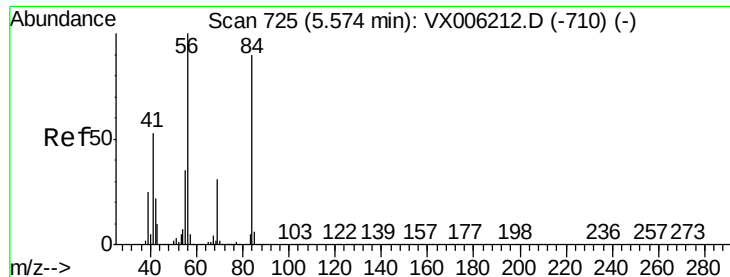
Tgt Ion: 83 Resp: 7760

Ion Ratio Lower Upper

83 100

85 0.0 50.3 75.5#

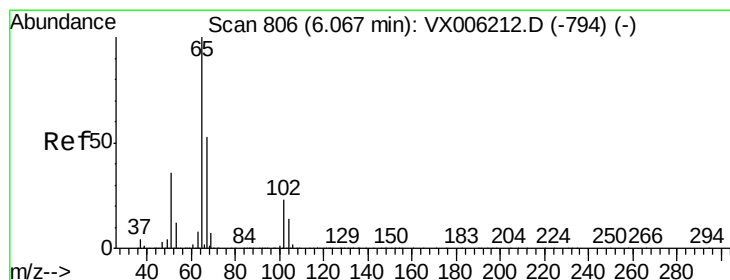
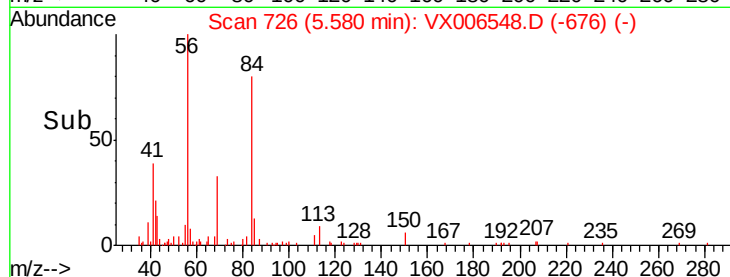
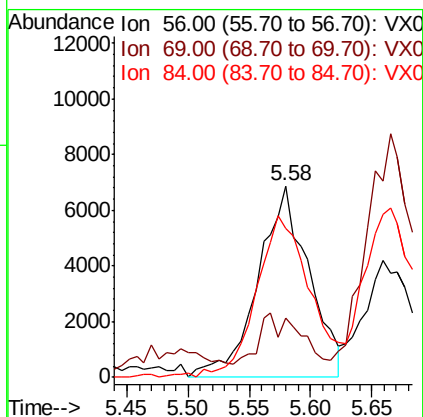
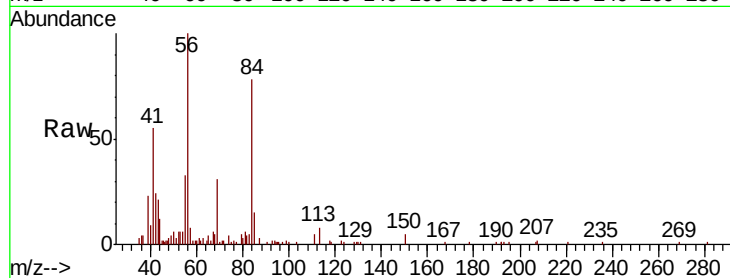




#31
Cyclohexane
Concen: 1.967 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006548.D
Acq: 15 Dec 2018 07:01

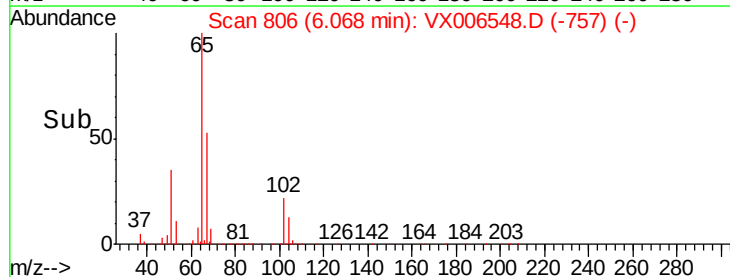
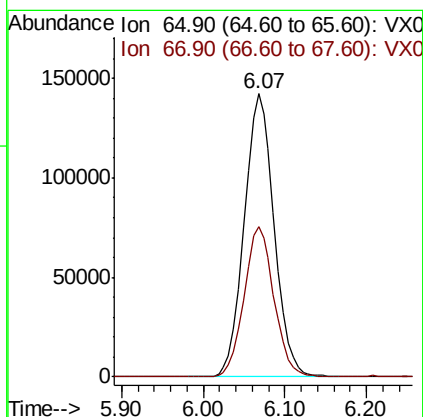
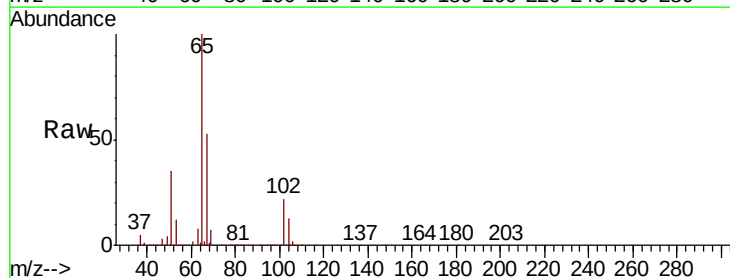
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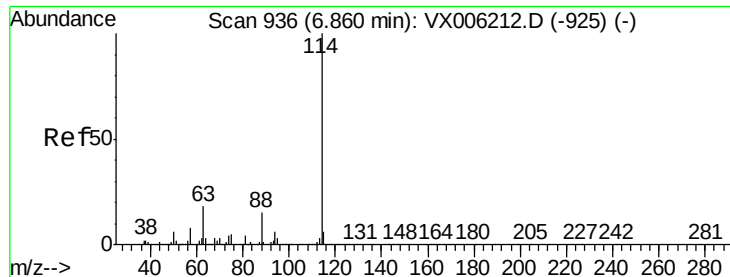
Tgt Ion: 56 Resp: 19867
Ion Ratio Lower Upper
56 100
69 18.2 24.5 36.7#
84 75.7 71.8 107.6



#33
1,2-Dichloroethane-d4
Concen: 51.912 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006548.D
Acq: 15 Dec 2018 07:01

Tgt Ion: 65 Resp: 362921
Ion Ratio Lower Upper
65 100
67 52.8 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006548.D

Acq: 15 Dec 2018 07:01

Instrument :

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ClientSampleId :

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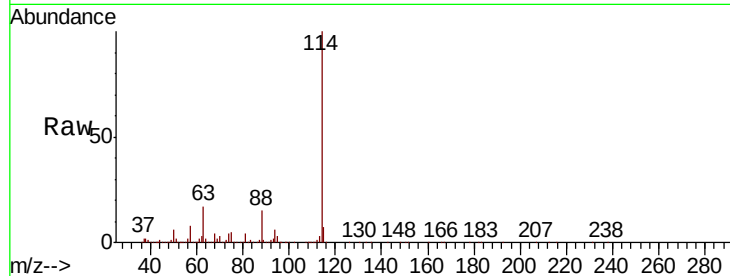
Tgt Ion:114 Resp: 1076926

Ion Ratio Lower Upper

114 100

63 17.4 0.0 36.6

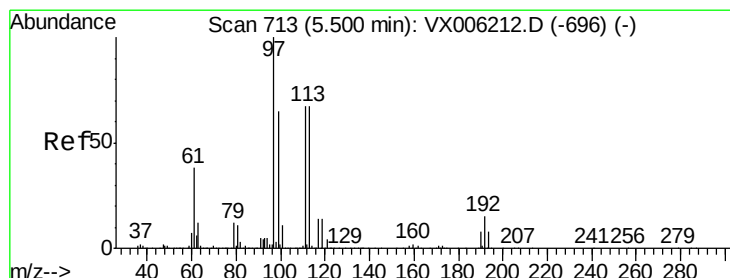
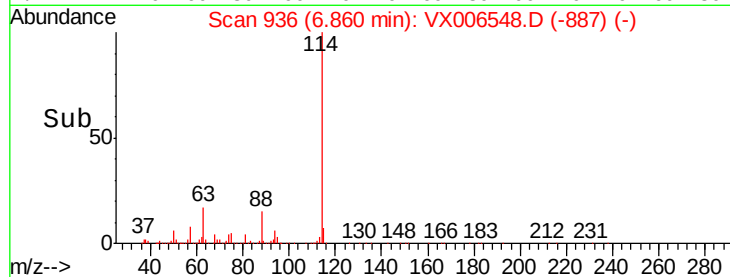
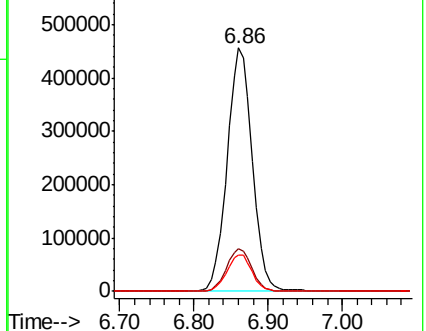
88 15.1 0.0 29.0



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: 45.280 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006548.D

Acq: 15 Dec 2018 07:01

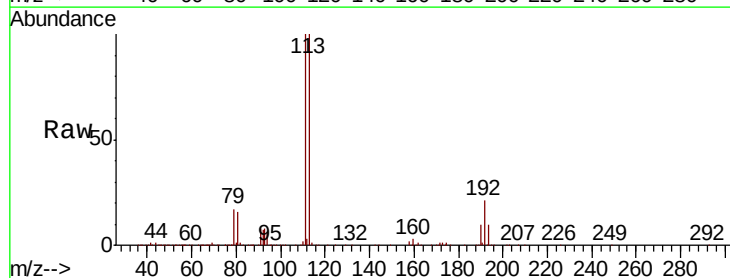
Tgt Ion:113 Resp: 315726

Ion Ratio Lower Upper

113 100

111 102.2 81.1 121.7

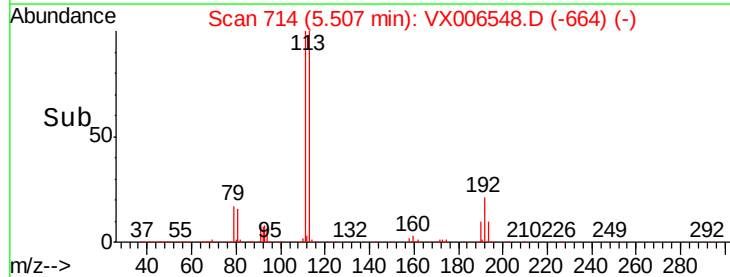
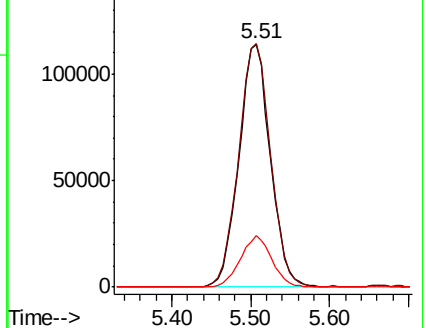
192 21.2 18.2 27.2

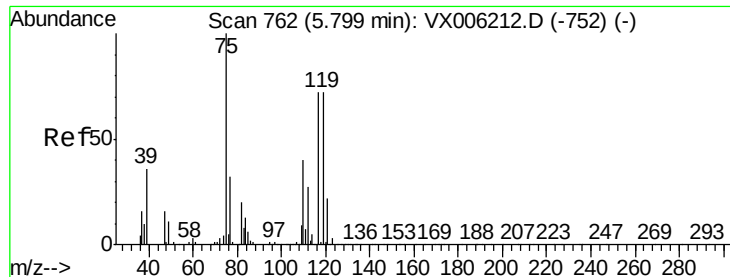


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

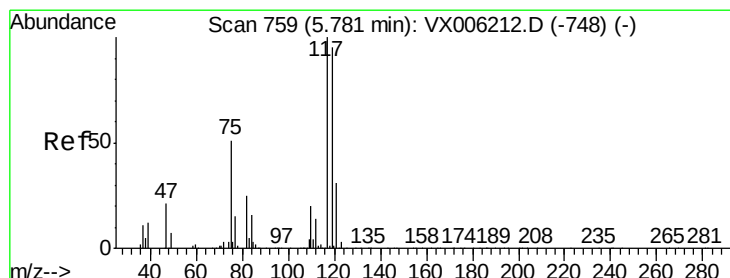
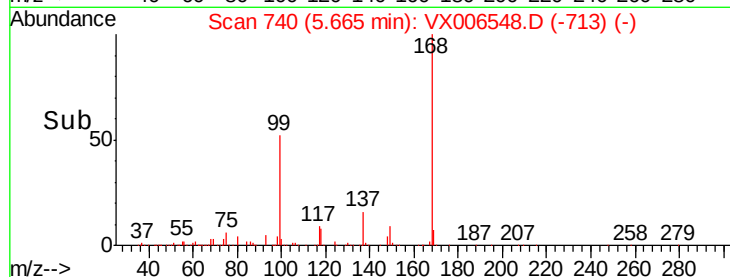
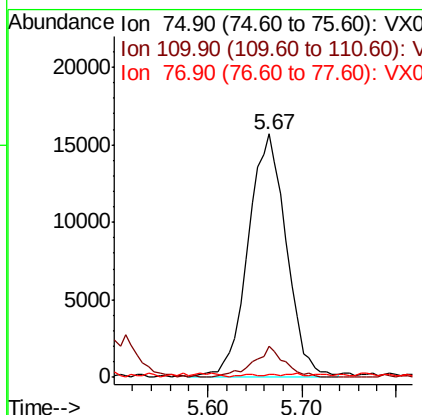
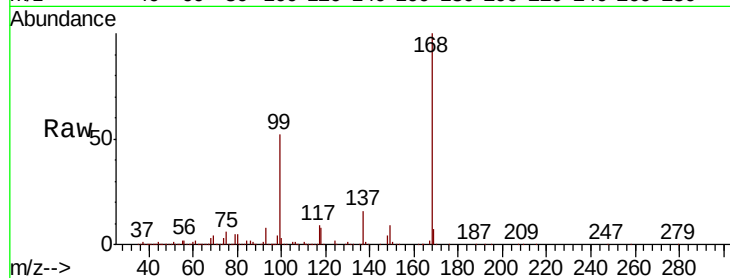




#36
 1,1-Dichloropropene
 Concen: 4.865 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX006548.D
 Acq: 15 Dec 2018 07:01

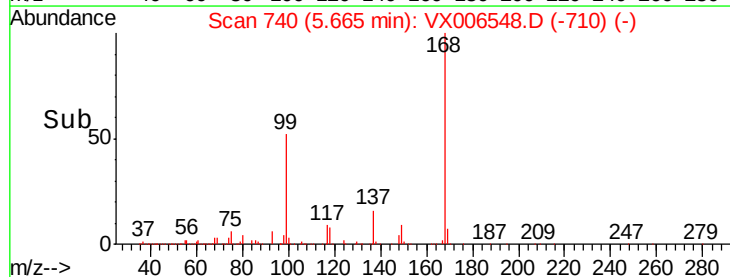
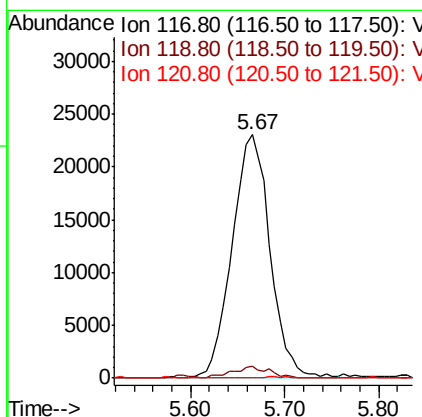
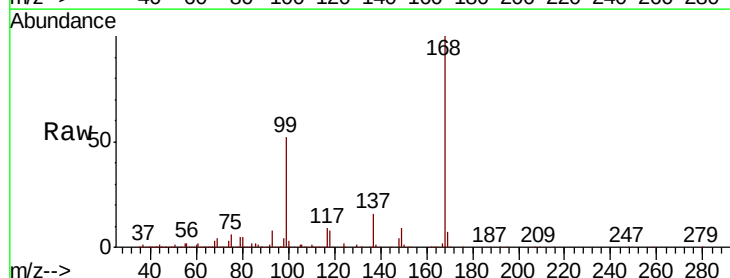
Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-02_121218

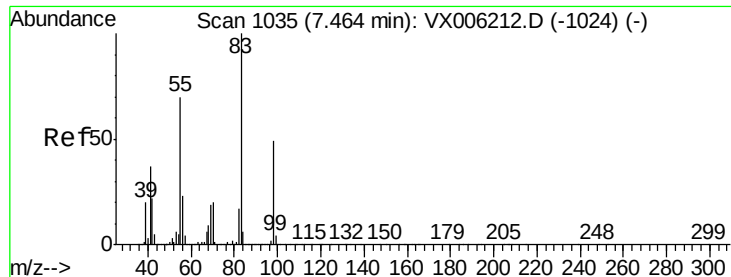
Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.6	20.4	61.3#
77	0.3	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.071 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX006548.D
 Acq: 15 Dec 2018 07:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.0	75.8	113.8#
121	0.0	24.6	37.0#





#39

Methylcyclohexane

Concen: 2.641 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX006548.D

Acq: 15 Dec 2018 07:01

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-02_121218

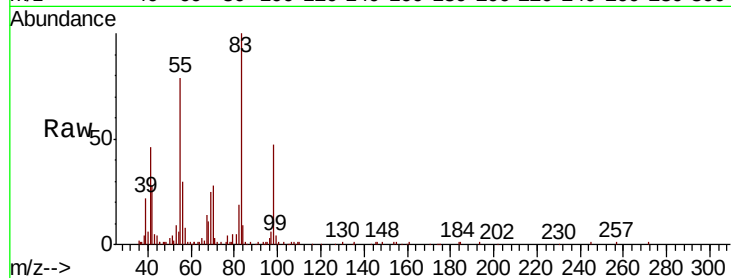
Tgt Ion: 83 Resp: 31093

Ion Ratio Lower Upper

83 100

55 79.1 56.4 84.6

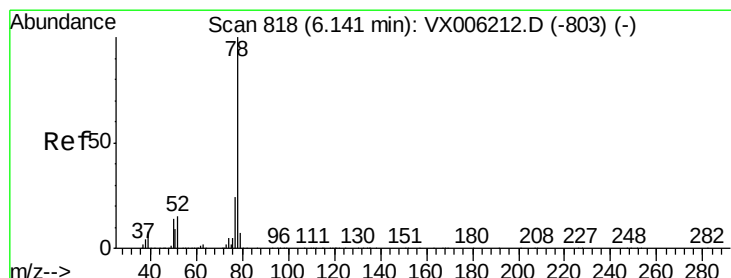
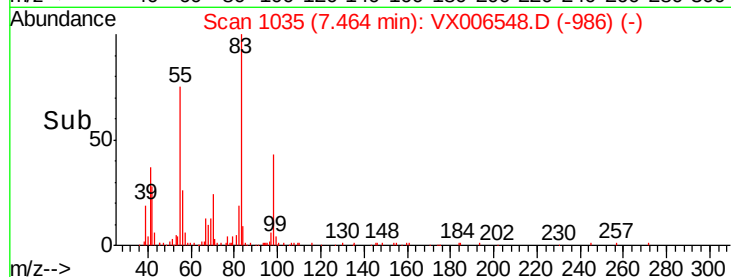
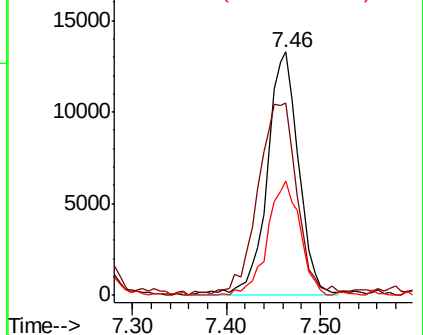
98 47.1 39.0 58.6



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 0.280 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX006548.D

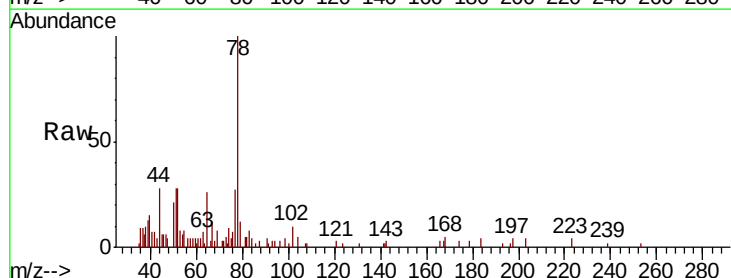
Acq: 15 Dec 2018 07:01

Tgt Ion: 78 Resp: 7598

Ion Ratio Lower Upper

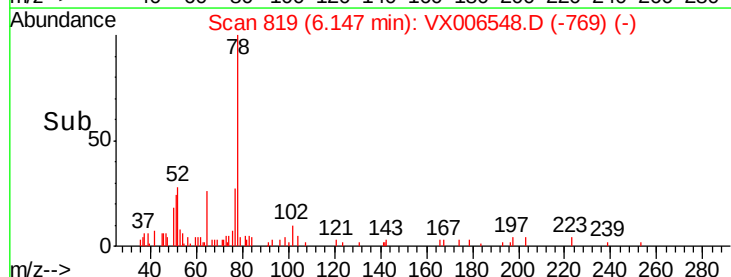
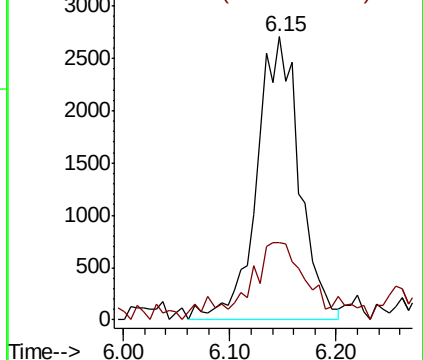
78 100

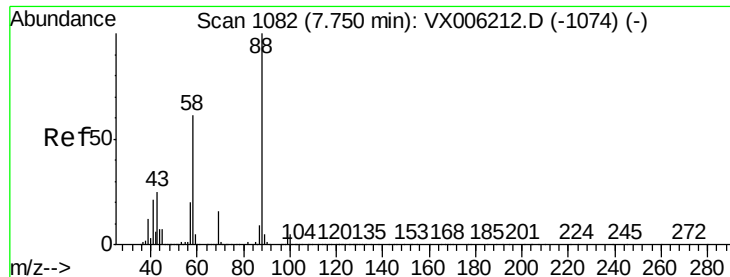
77 24.4 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

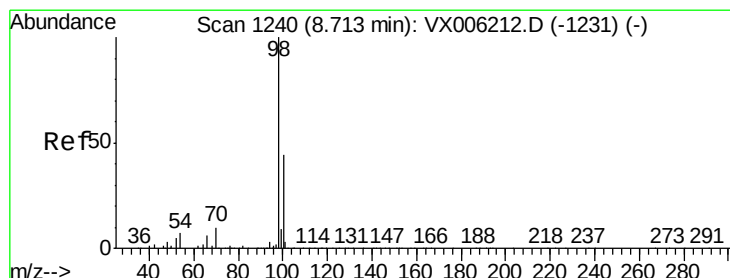
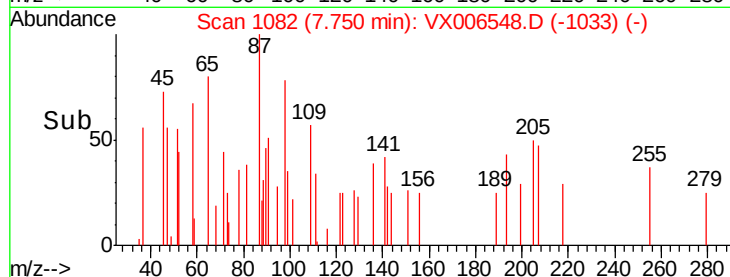
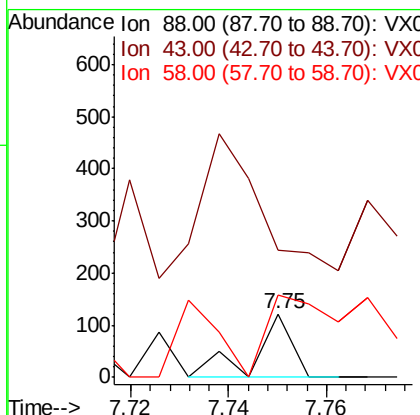
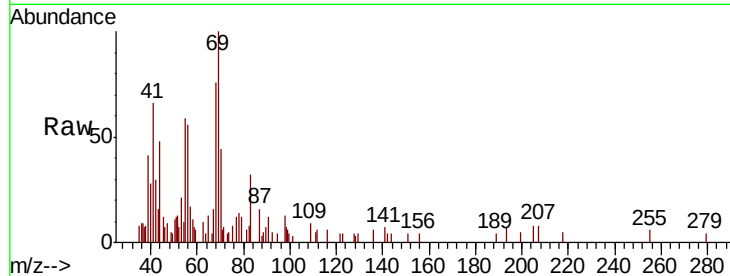




#49
1,4-Dioxane
Concen: 0.310 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006548.D
Acq: 15 Dec 2018 07:01

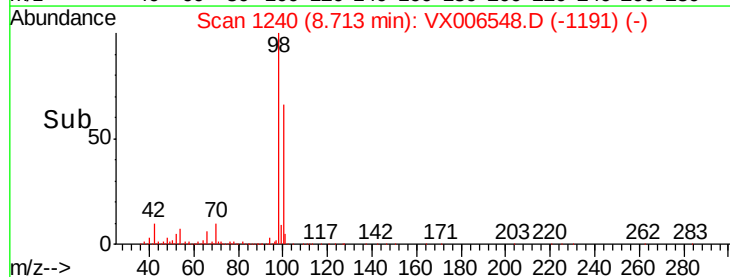
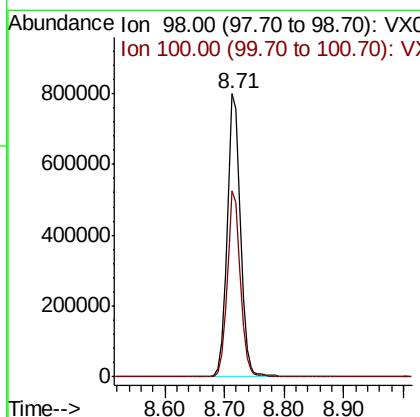
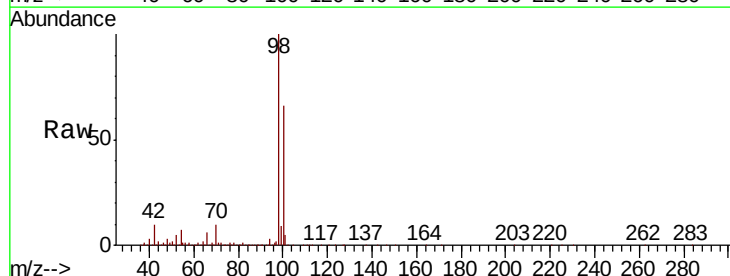
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-02_121218

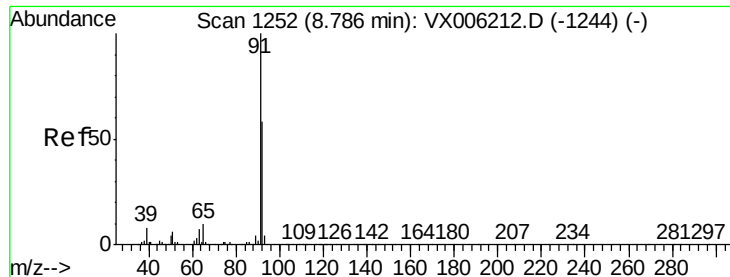
Tgt Ion: 88 Resp: 63
Ion Ratio Lower Upper
88 100
43 0.0 23.2 34.8#
58 234.9 51.4 77.0#



#50
Toluene-d8
Concen: 49.526 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006548.D
Acq: 15 Dec 2018 07:01

Tgt Ion: 98 Resp: 1256118
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.2





#52

Toluene

Concen: 0.212 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006548.D

Acq: 15 Dec 2018 07:01

Instrument :

MSVOA_X

ClientSampleId :

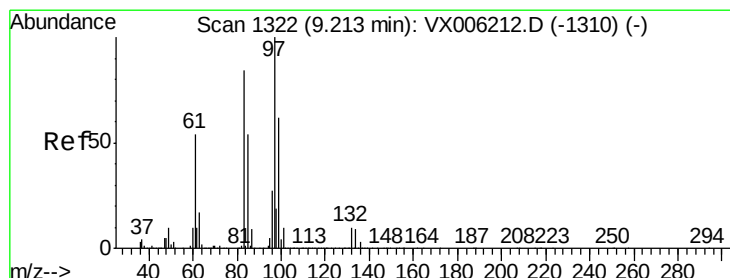
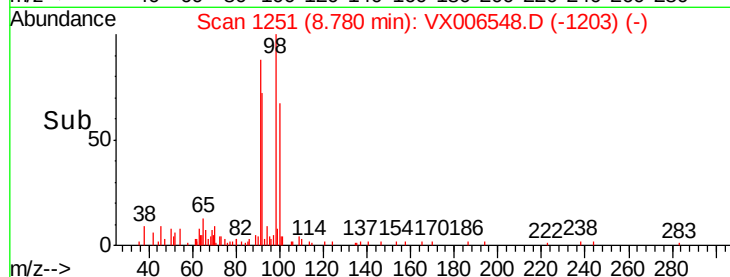
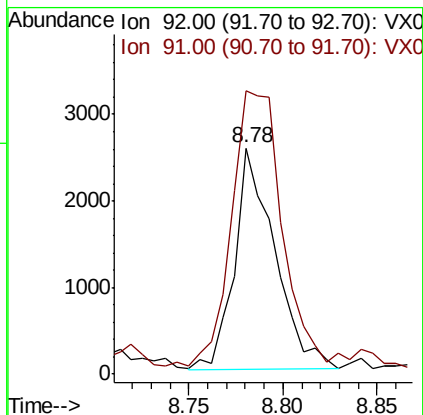
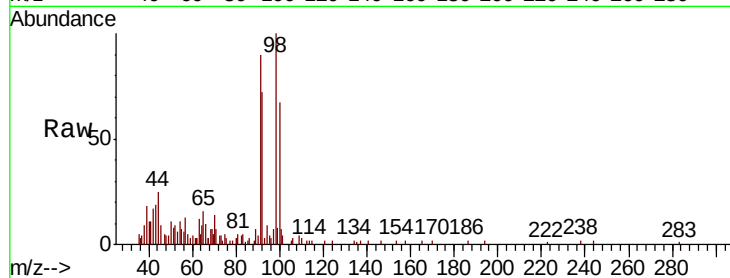
PR-MW-02_121218

Tgt Ion: 92 Resp: 3780

Ion Ratio Lower Upper

92 100

91 162.5 139.2 208.8



#55

1,1,2-Trichloroethane

Concen: 1.108 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX006548.D

Acq: 15 Dec 2018 07:01

Tgt Ion: 97 Resp: 8042

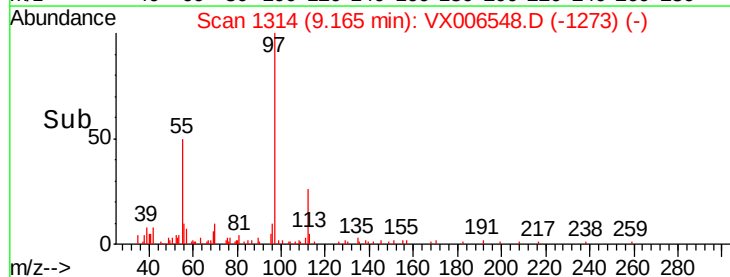
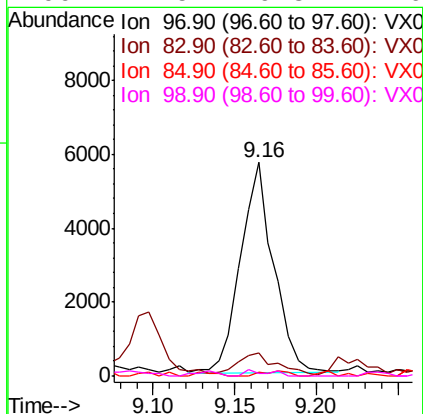
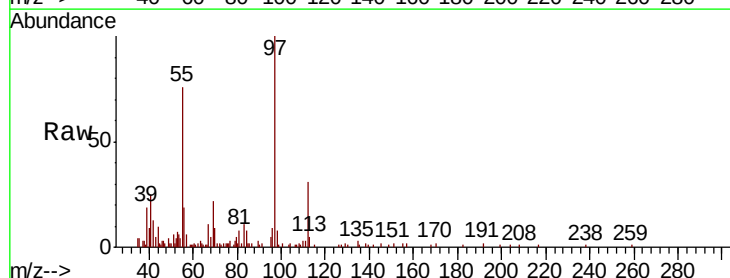
Ion Ratio Lower Upper

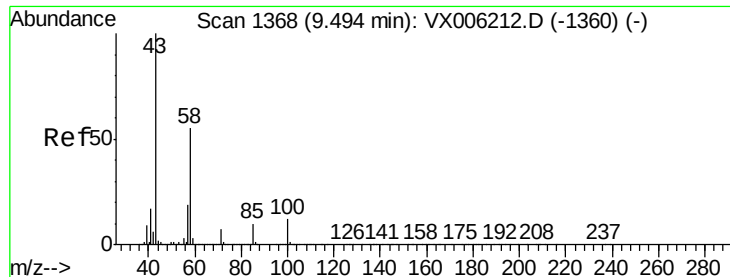
97 100

83 8.5 67.1 100.7#

85 3.3 43.2 64.8#

99 1.5 49.8 74.6#

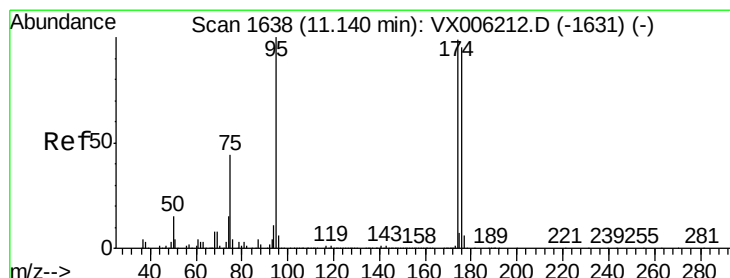
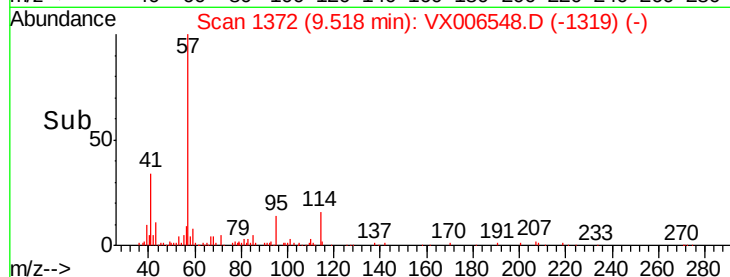
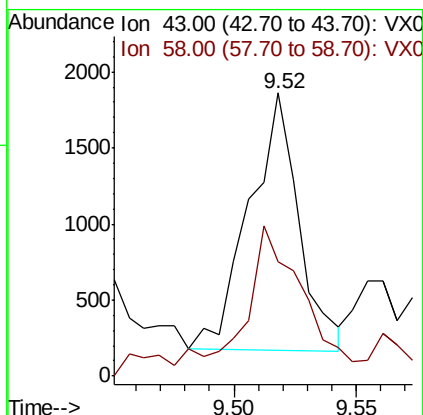
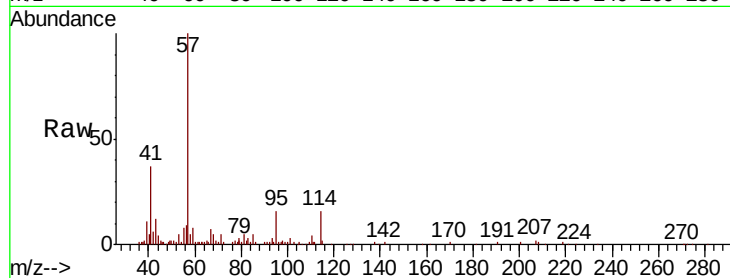




#59
2-Hexanone
Concen: 0.317 ug/l
RT: 9.52 min Scan# 1372
Delta R.T. 0.02 min
Lab File: VX006548.D
Acq: 15 Dec 2018 07:01

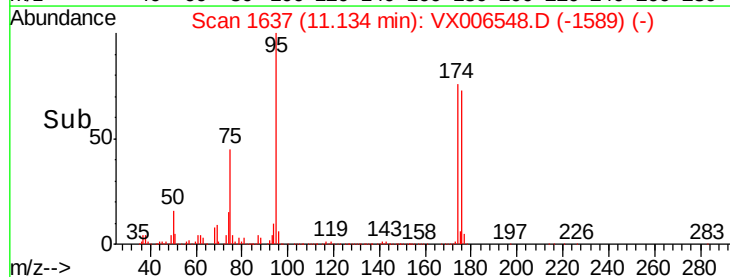
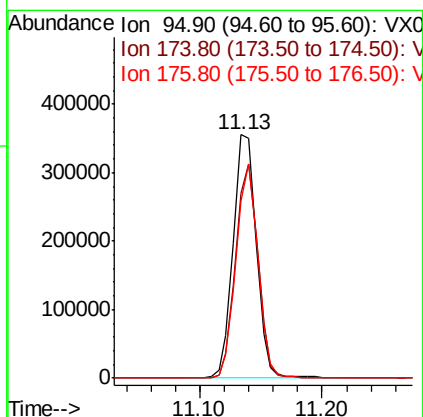
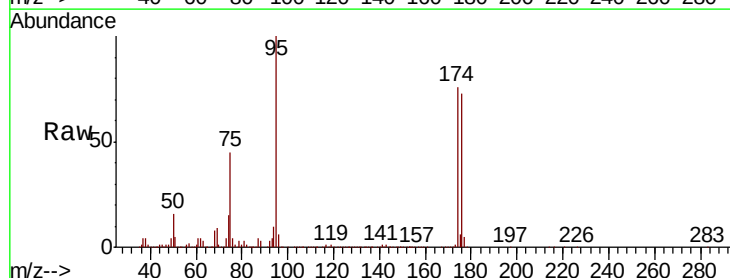
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-02_121218

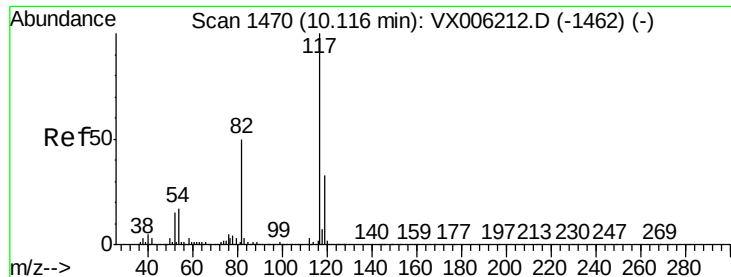
Tgt Ion: 43 Resp: 2384
Ion Ratio Lower Upper
43 100
58 59.2 27.7 83.1



#62
4-Bromofluorobenzene
Concen: 48.572 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006548.D
Acq: 15 Dec 2018 07:01

Tgt Ion: 95 Resp: 464216
Ion Ratio Lower Upper
95 100
174 85.3 0.0 187.0
176 83.6 0.0 181.8

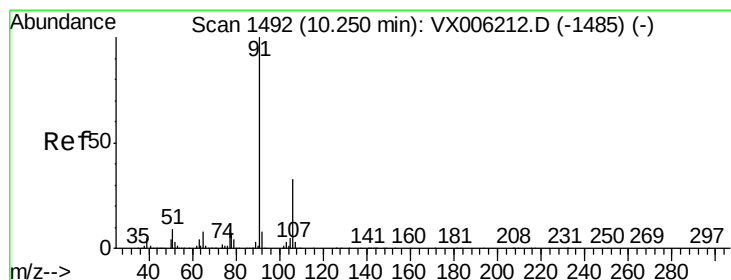
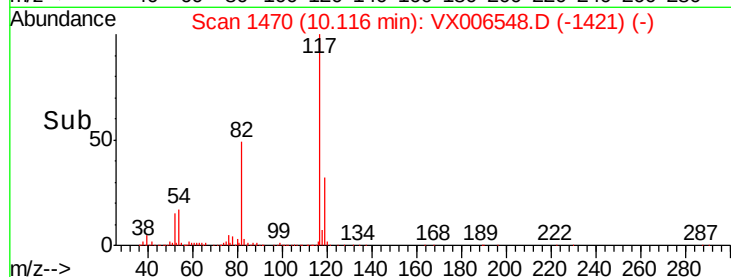
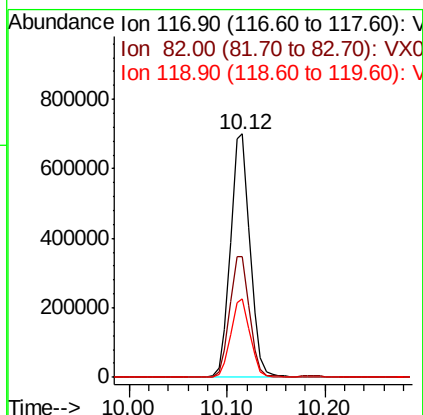
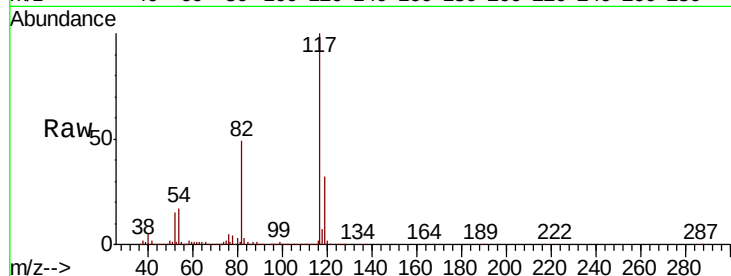




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006548.D
Acq: 15 Dec 2018 07:01

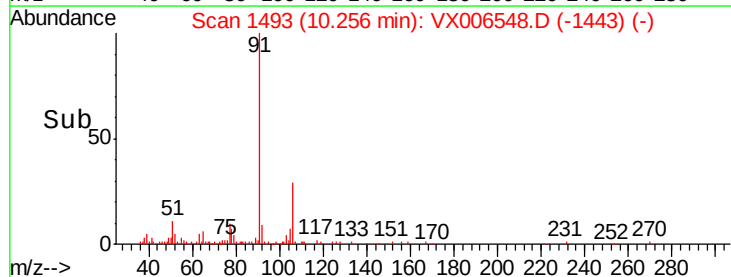
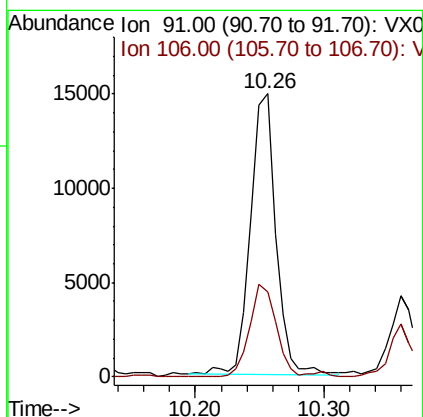
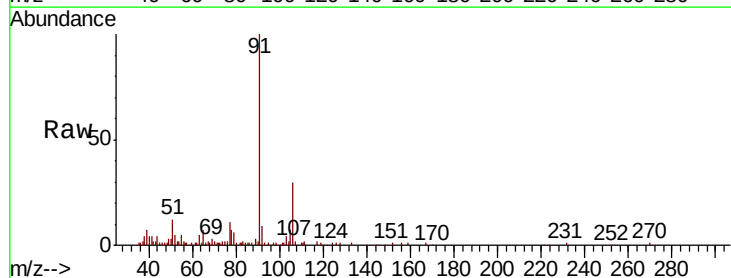
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-02_121218

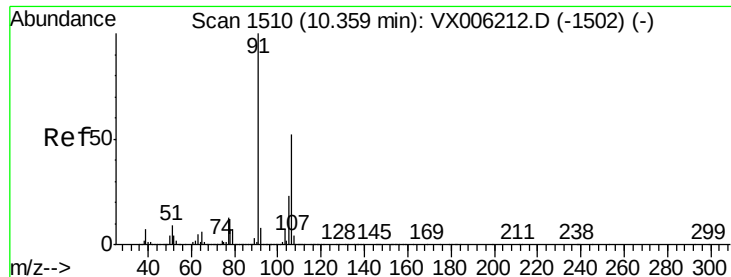
Tgt Ion: 117 Resp: 974380
Ion Ratio Lower Upper
117 100
82 49.4 39.6 59.4
119 32.3 26.3 39.5



#67
Ethyl Benzene
Concen: 0.591 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VX006548.D
Acq: 15 Dec 2018 07:01

Tgt Ion: 91 Resp: 20348
Ion Ratio Lower Upper
91 100
106 30.1 26.5 39.7





#68

m/p-Xylenes

Concen: 0.251 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006548.D

Acq: 15 Dec 2018 07:01

Instrument :

MSVOA_X

ClientSampleId :

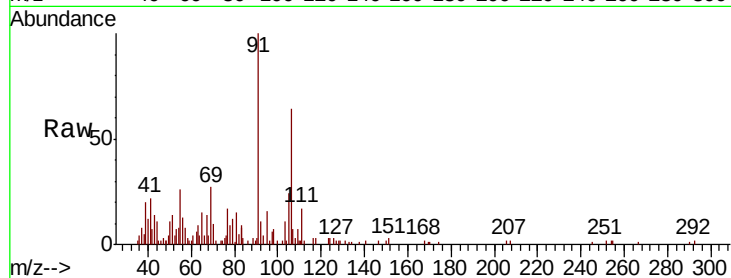
PR-MW-02_121218

Tgt Ion:106 Resp: 3461

Ion Ratio Lower Upper

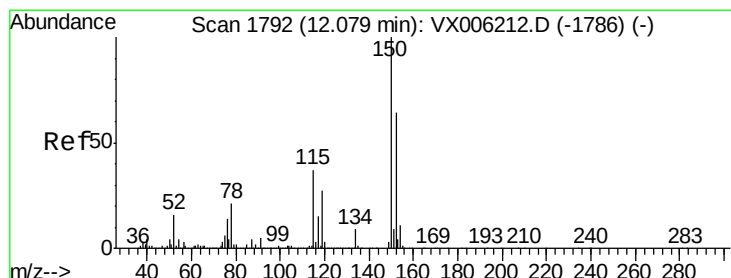
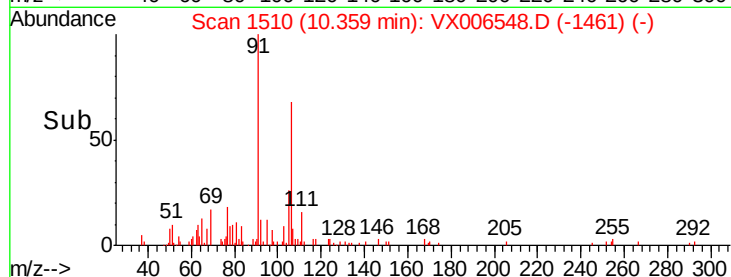
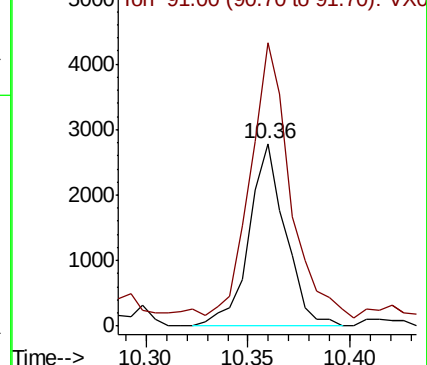
106 100

91 174.8 155.2 232.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006548.D

Acq: 15 Dec 2018 07:01

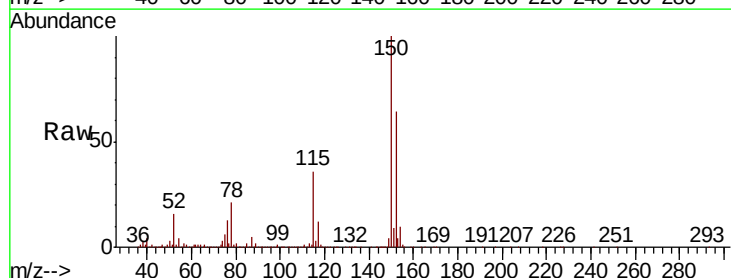
Tgt Ion:152 Resp: 469402

Ion Ratio Lower Upper

152 100

115 57.4 39.0 116.9

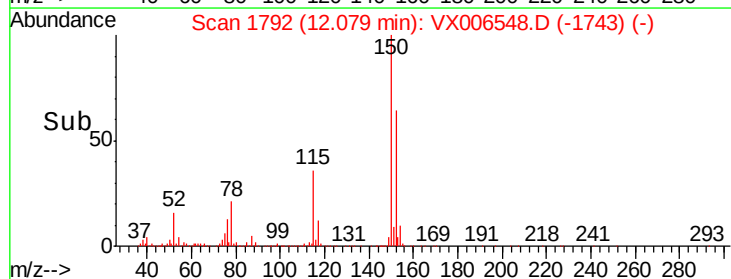
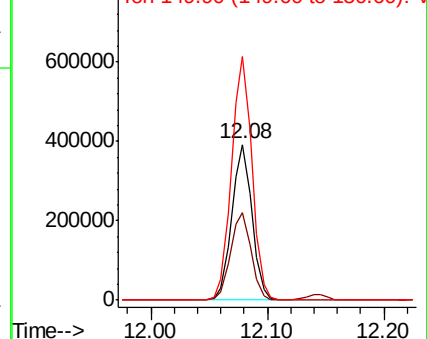
150 158.9 0.0 345.8

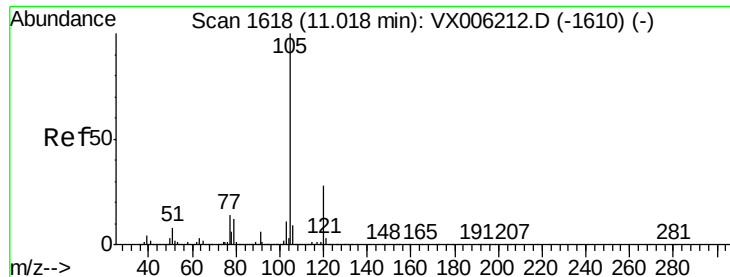


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 30.932 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006548.D

Acq: 15 Dec 2018 07:01

Instrument :

MSVOA_X

ClientSampleId :

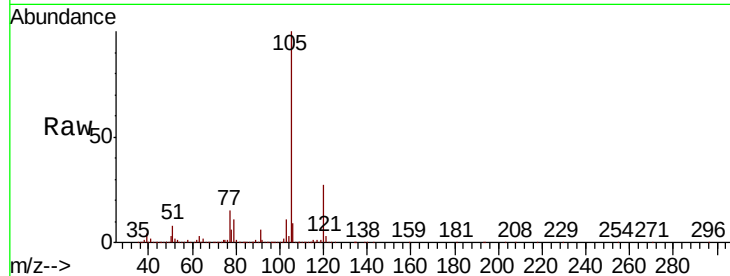
PR-MW-02_121218

Tgt Ion:105 Resp: 1002694

Ion Ratio Lower Upper

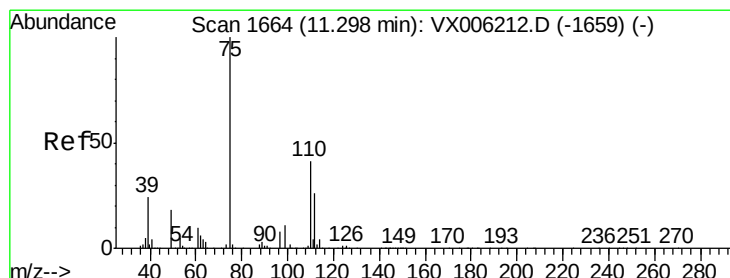
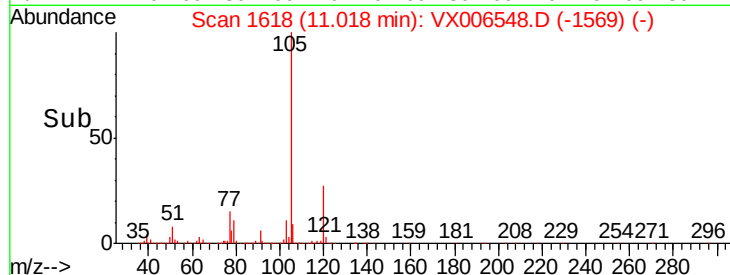
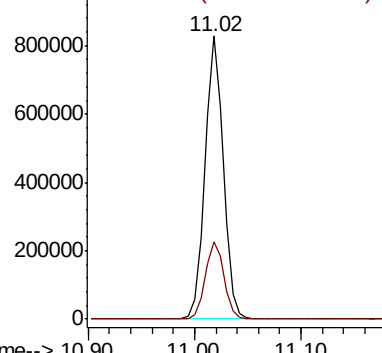
105 100

120 27.9 14.1 42.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 23.273 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006548.D

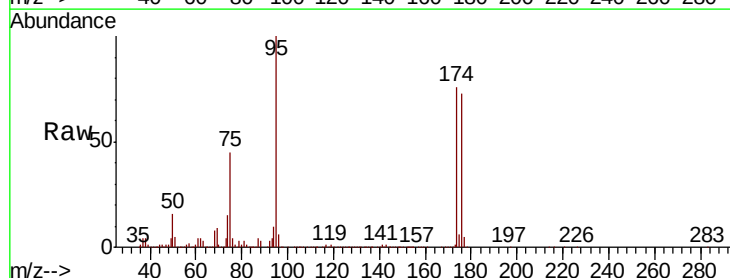
Acq: 15 Dec 2018 07:01

Tgt Ion: 75 Resp: 210862

Ion Ratio Lower Upper

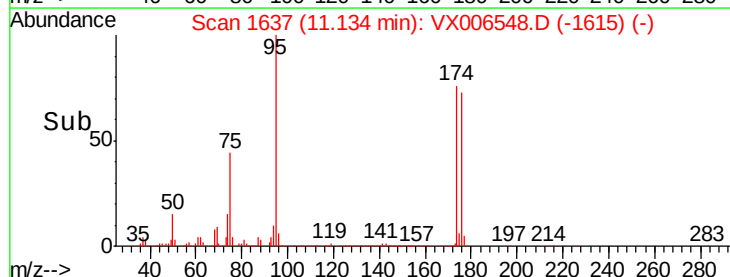
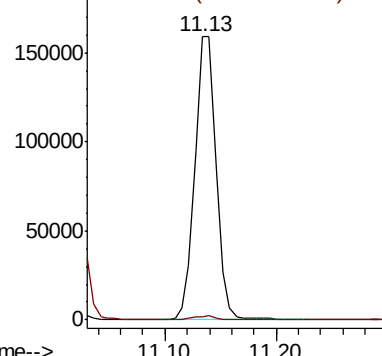
75 100

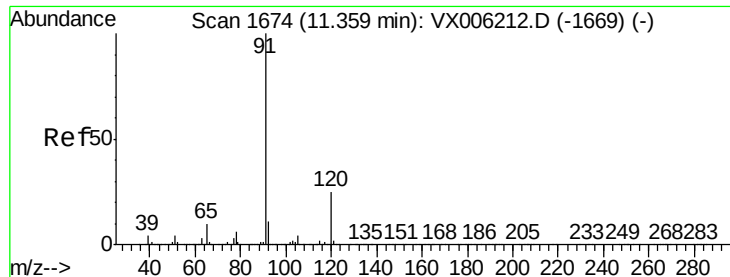
77 0.0 19.9 59.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 11.652 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006548.D

Acq: 15 Dec 2018 07:01

Instrument :

MSVOA_X

ClientSampleId :

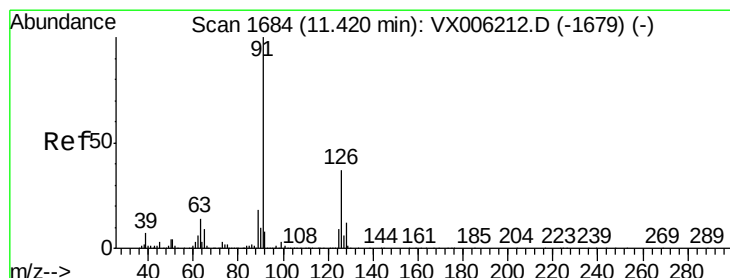
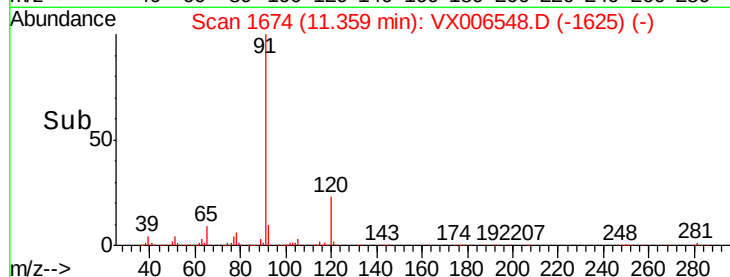
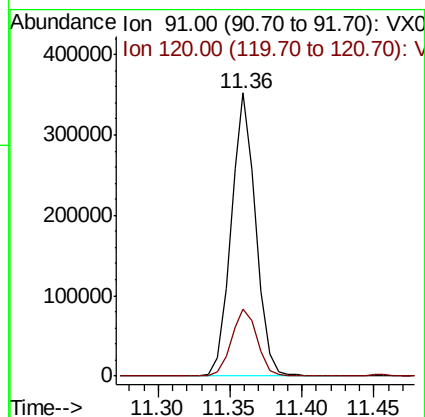
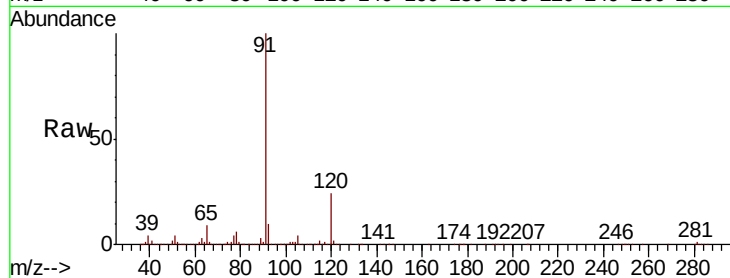
PR-MW-02_121218

Tgt Ion: 91 Resp: 419855

Ion Ratio Lower Upper

91 100

120 24.8 12.7 38.0



#79

2-Chlorotoluene

Concen: 19.604 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX006548.D

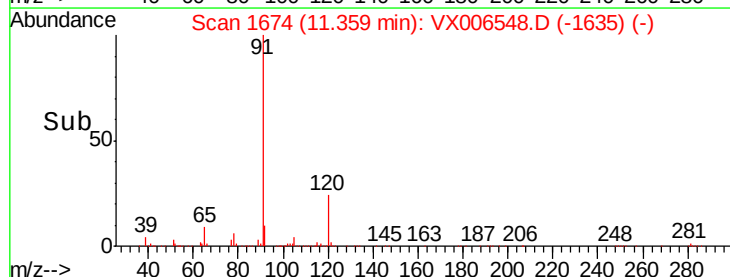
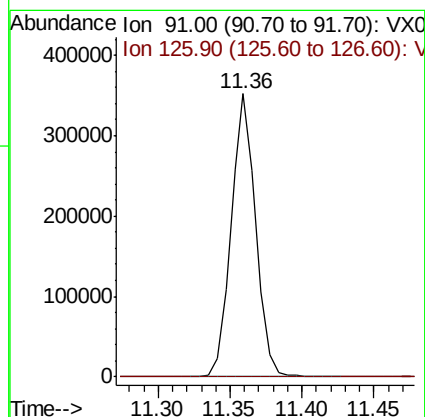
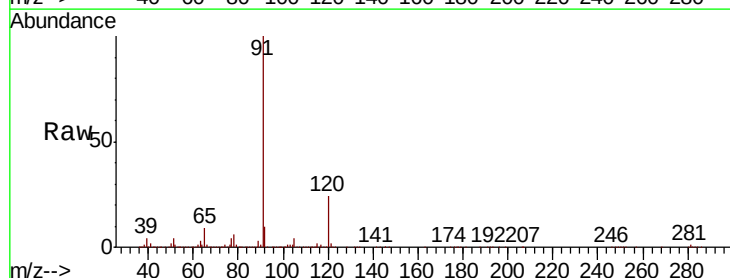
Acq: 15 Dec 2018 07:01

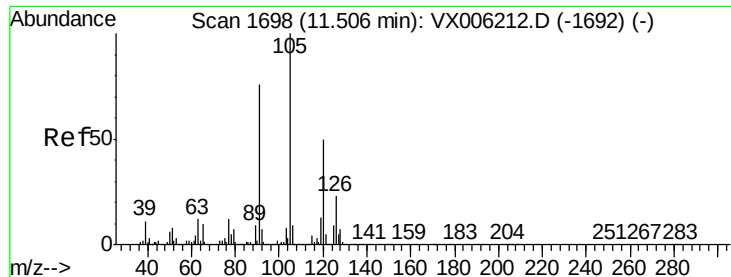
Tgt Ion: 91 Resp: 419855

Ion Ratio Lower Upper

91 100

126 0.0 18.6 56.0#





#80

1,3,5-Trimethylbenzene

Concen: 1.262 ug/l

RT: 11.66 min Scan# 1724

Delta R.T. 0.16 min

Lab File: VX006548.D

Acq: 15 Dec 2018 07:01

Instrument :

MSVOA_X

ClientSampleId :

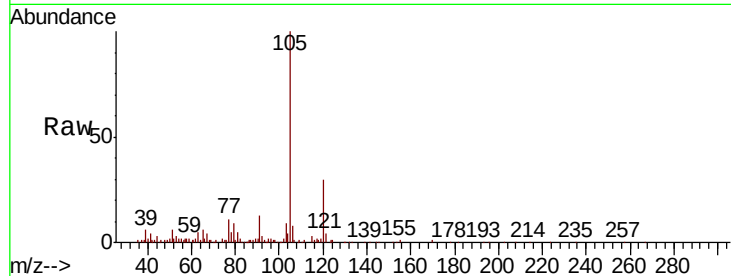
PR-MW-02_121218

Tgt Ion:105 Resp: 34025

Ion Ratio Lower Upper

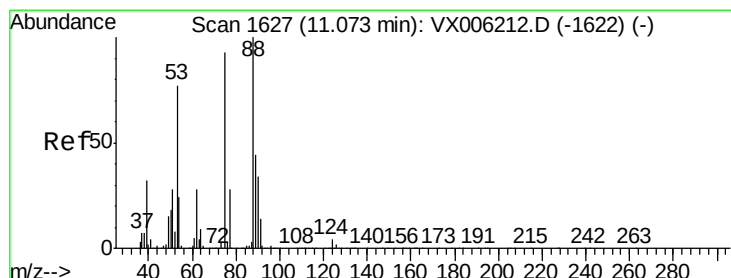
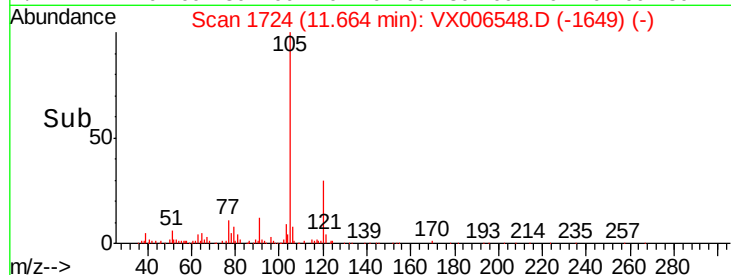
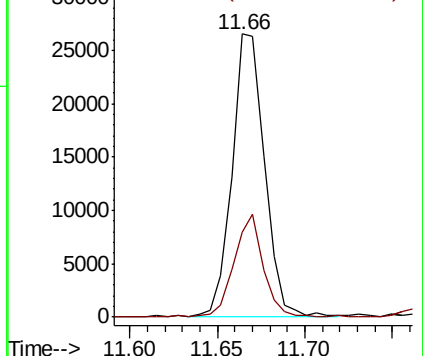
105 100

120 33.5 25.4 76.0



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: 2.522 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.05 min

Lab File: VX006548.D

Acq: 15 Dec 2018 07:01

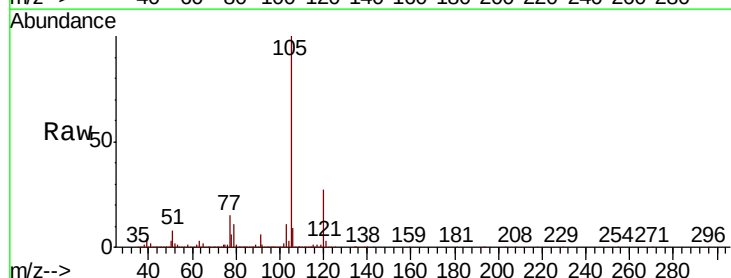
Tgt Ion: 75 Resp: 9737

Ion Ratio Lower Upper

75 100

53 94.5 64.4 96.6

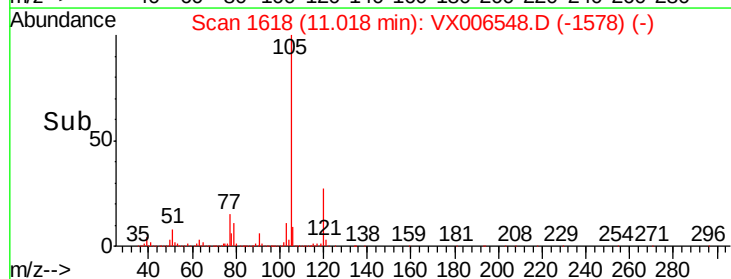
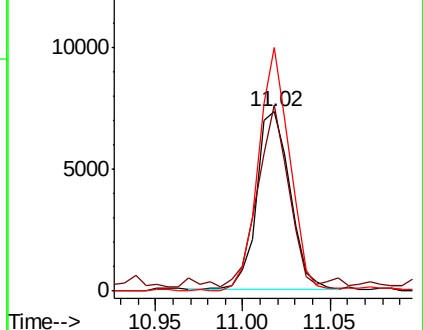
89 127.6 44.2 66.4#

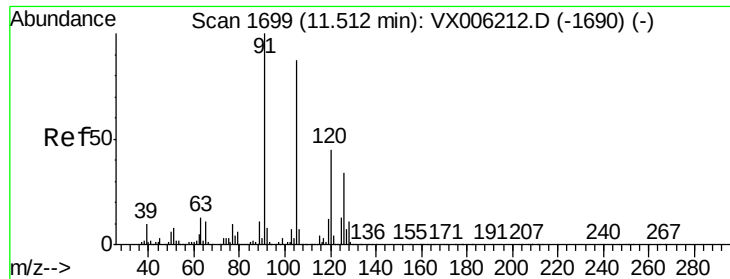


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

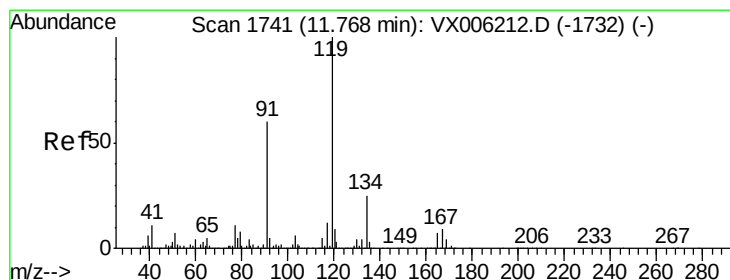
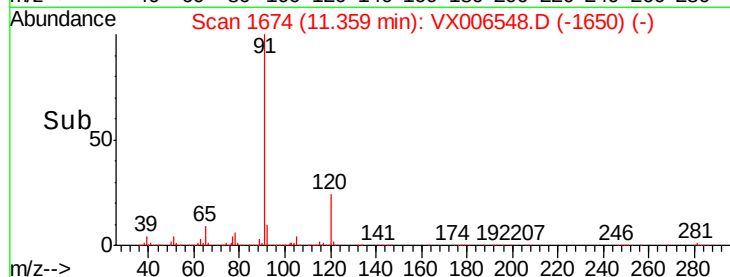
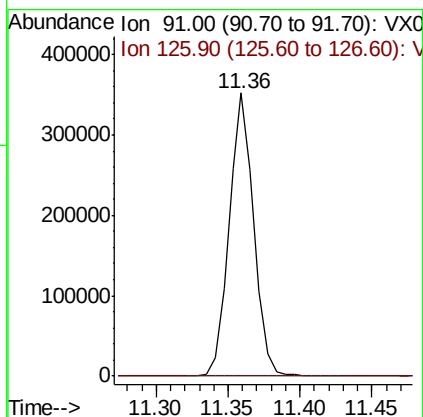
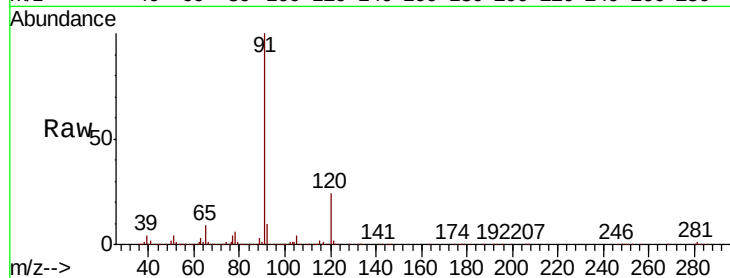




#82
4-Chlorotoluene
Concen: 16.861 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.15 min
Lab File: VX006548.D
Acq: 15 Dec 2018 07:01

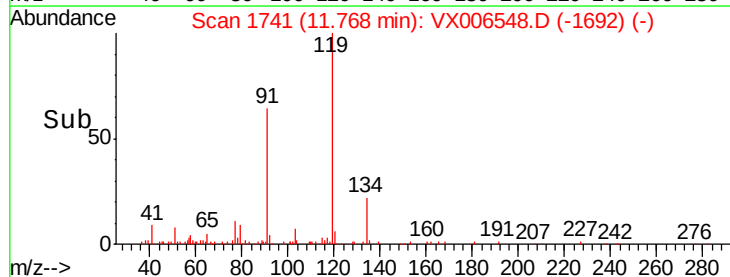
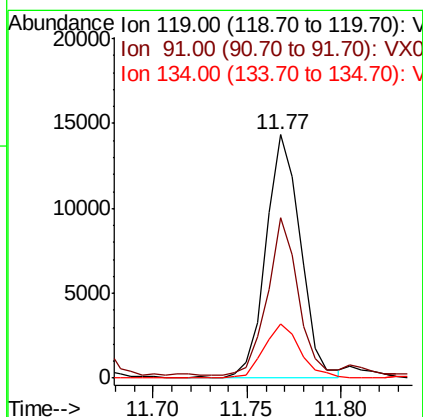
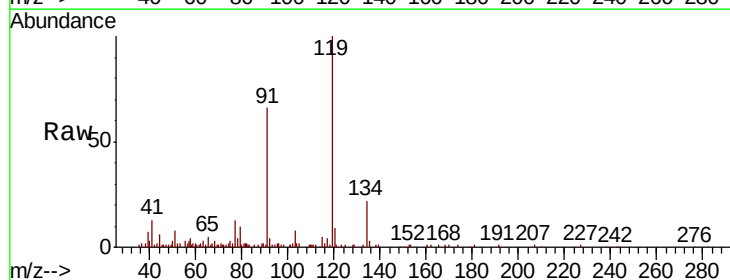
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-02_121218

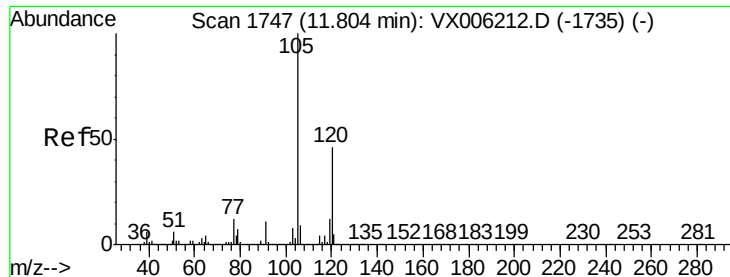
Tgt Ion: 91 Resp: 419855
Ion Ratio Lower Upper
91 100
126 0.0 16.4 49.4#



#83
tert-Butylbenzene
Concen: 0.634 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX006548.D
Acq: 15 Dec 2018 07:01

Tgt Ion: 119 Resp: 18234
Ion Ratio Lower Upper
119 100
91 58.3 26.4 79.2
134 23.3 11.6 34.7





#84

1,2,4-Trimethylbenzene

Concen: 0.225 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX006548.D

Acq: 15 Dec 2018 07:01

Instrument :

MSVOA_X

ClientSampleId :

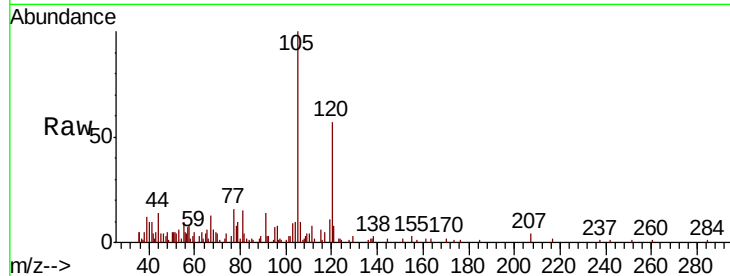
PR-MW-02_121218

Tgt Ion:105 Resp: 6277

Ion Ratio Lower Upper

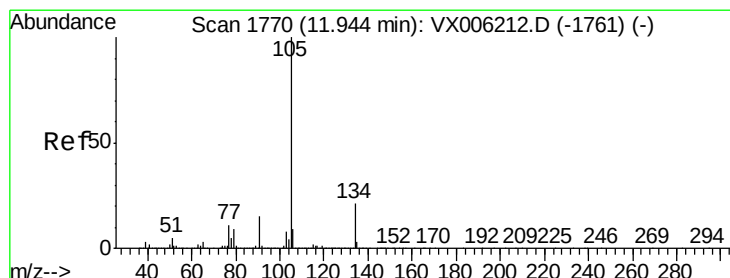
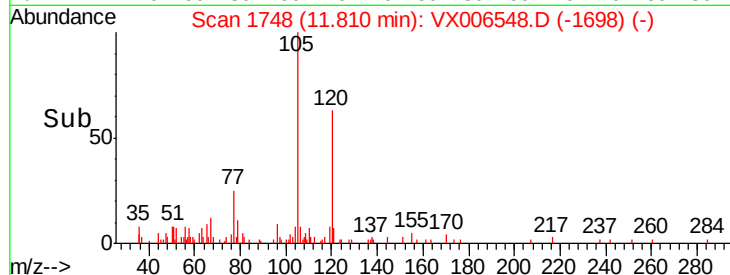
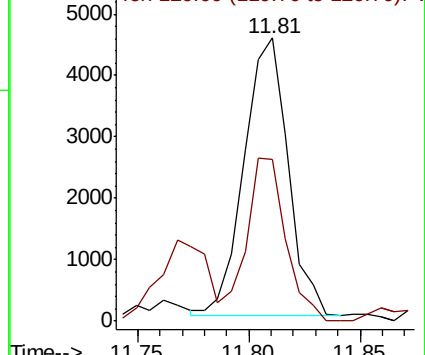
105 100

120 52.2 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 3.844 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006548.D

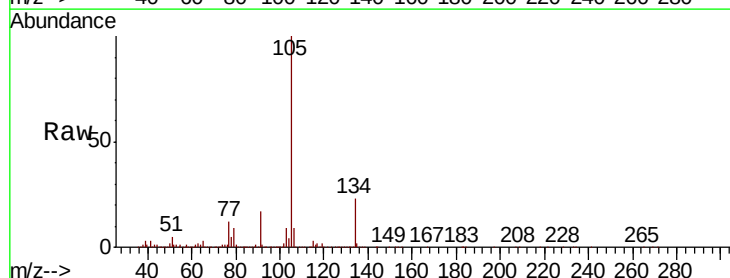
Acq: 15 Dec 2018 07:01

Tgt Ion:105 Resp: 125845

Ion Ratio Lower Upper

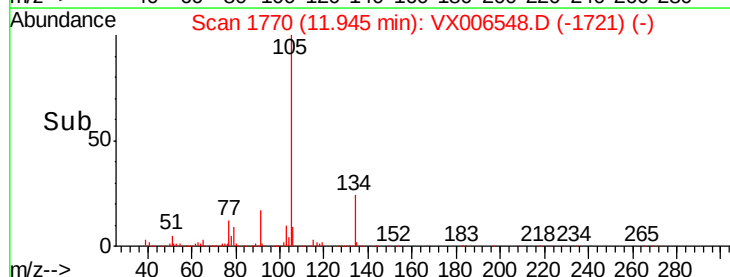
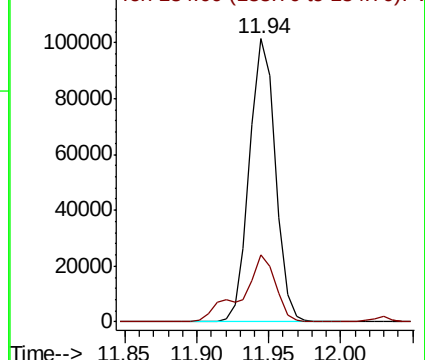
105 100

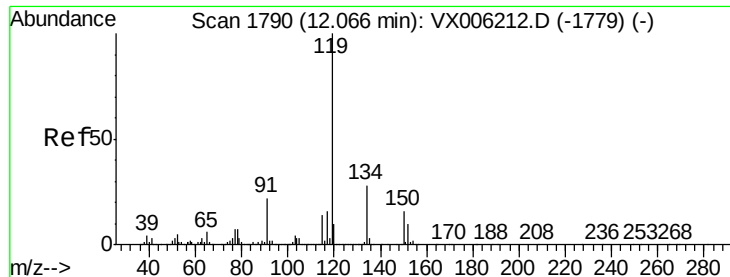
134 30.7 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

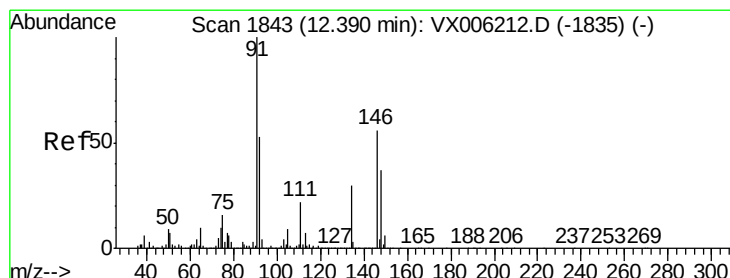
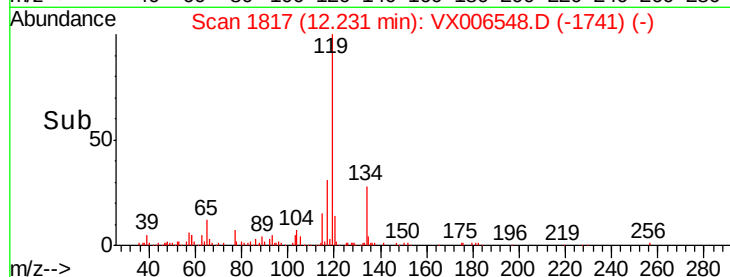
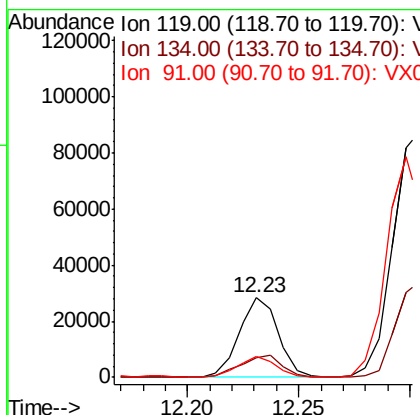
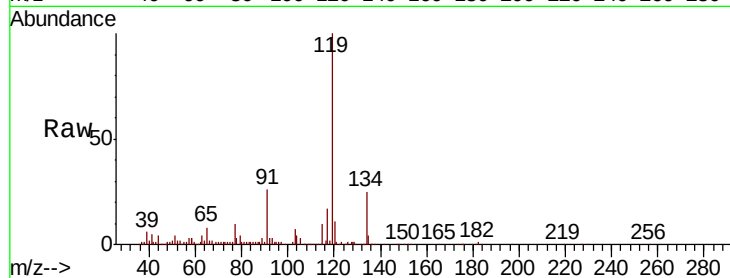




#86
 p-Isopropyltoluene
 Concen: 1.182 ug/l
 RT: 12.23 min Scan# 1817
 Delta R.T. 0.16 min
 Lab File: VX006548.D
 Acq: 15 Dec 2018 07:01

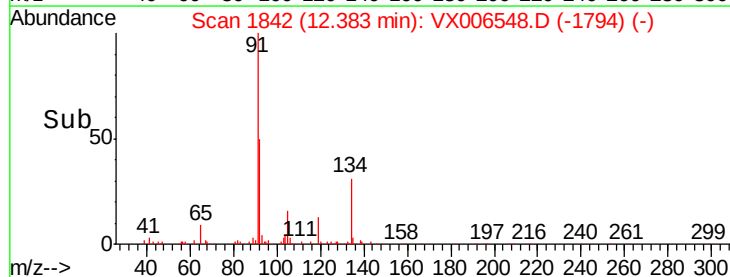
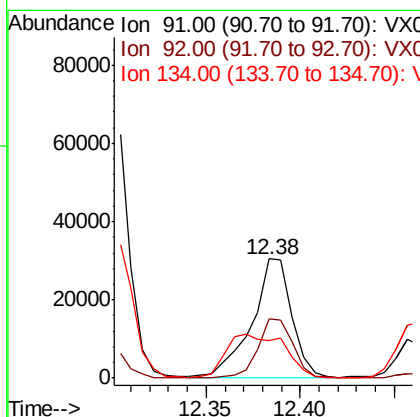
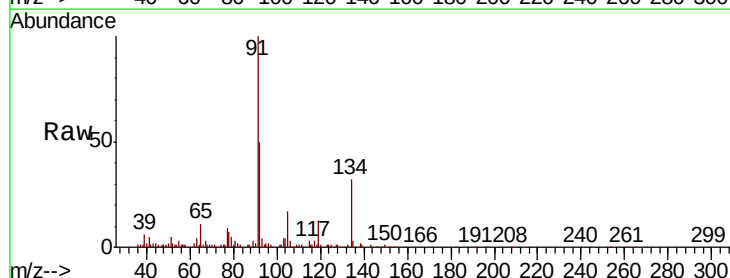
Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-02_121218

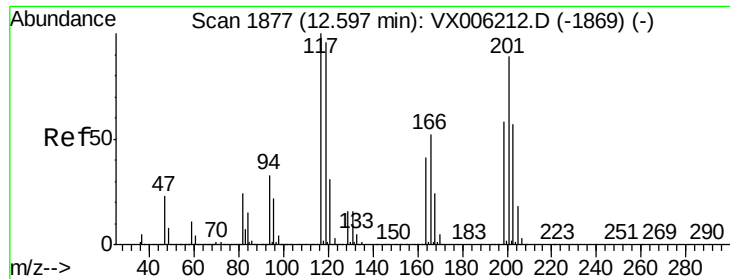
Tgt Ion	Ratio	Lower	Upper
119	100		
134	30.2	13.9	41.6
91	24.9	11.3	33.8



#89
 n-Butylbenzene
 Concen: 1.765 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. -0.01 min
 Lab File: VX006548.D
 Acq: 15 Dec 2018 07:01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	44.5	26.6	79.8
134	54.9	14.8	44.3





#90

Hexachloroethane

Concen: 4.189 ug/l

RT: 12.67 min Scan# 1889

Delta R.T. 0.07 min

Lab File: VX006548.D

Acq: 15 Dec 2018 07:01

Instrument :

MSVOA_X

ClientSampleId :

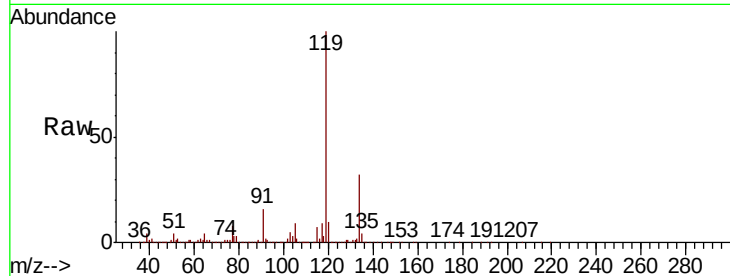
PR-MW-02_121218

Tgt Ion: 117 Resp: 25166

Ion Ratio Lower Upper

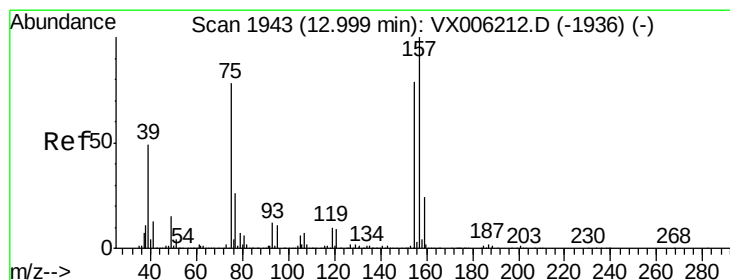
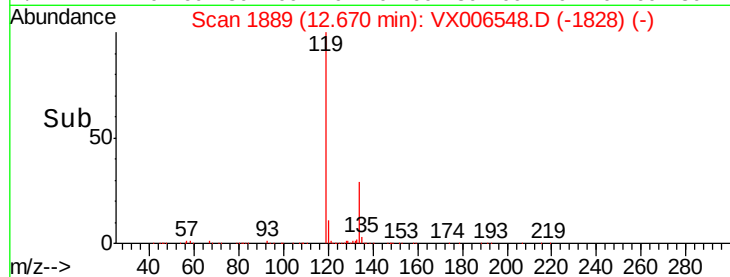
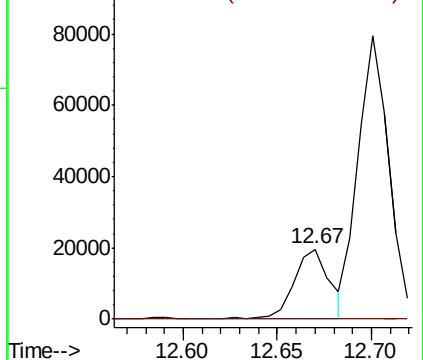
117 100

201 0.2 44.7 134.1#



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: 0.598 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX006548.D

Acq: 15 Dec 2018 07:01

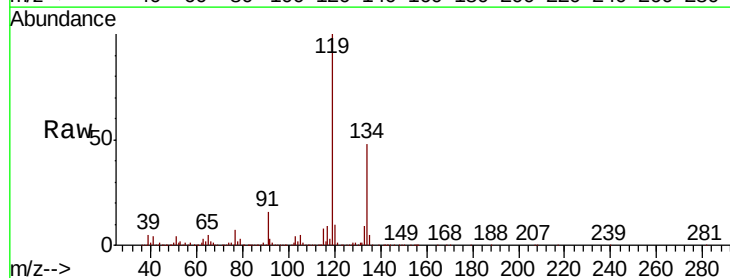
Tgt Ion: 75 Resp: 1591

Ion Ratio Lower Upper

75 100

155 21.6 53.4 160.3#

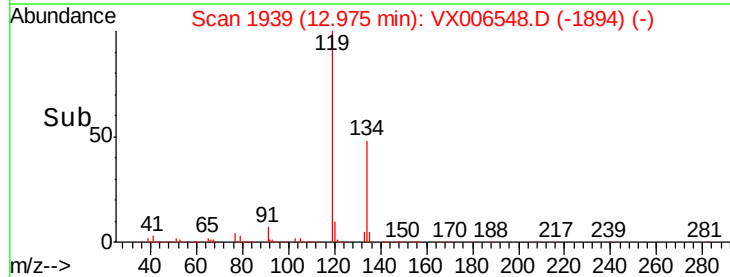
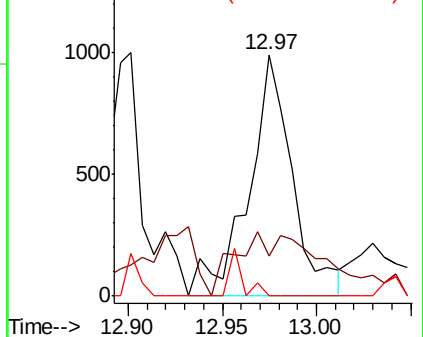
157 5.7 68.0 203.8#

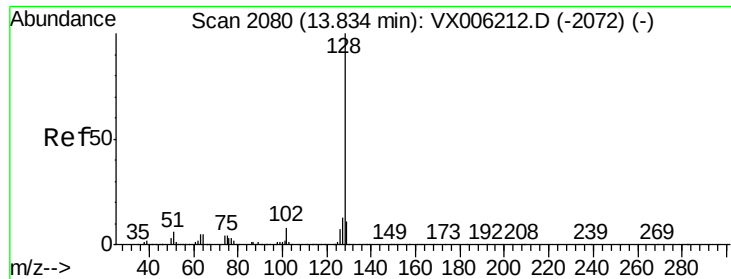


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 0.224 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006548.D
Acq: 15 Dec 2018 07:01

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-02_121218

Tgt Ion:128 Resp: 8079
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 36.9 8.9 13.3#

