

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 23:33:51 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%	

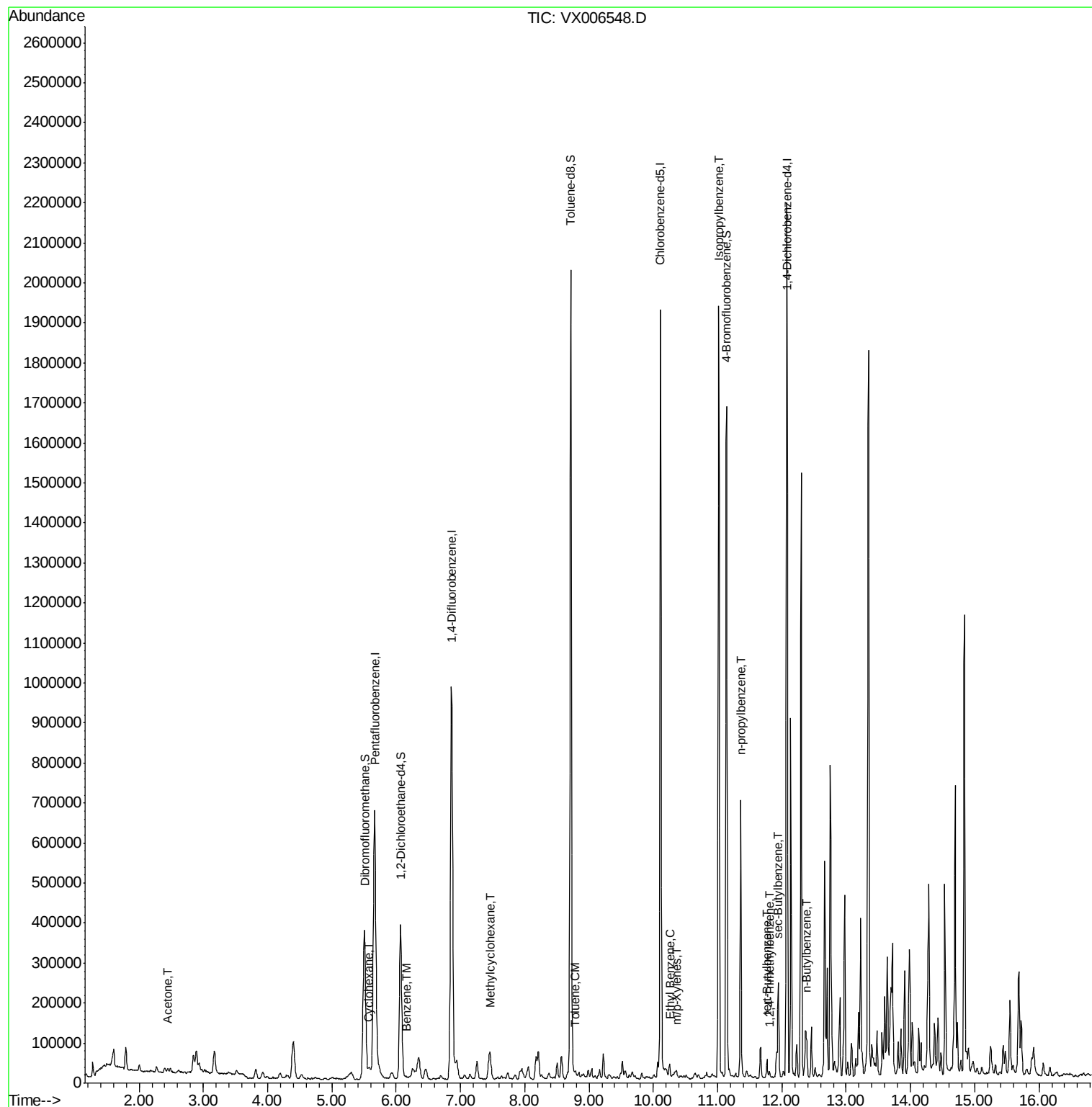
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	9805	2.989	ug/l	93
31) Cyclohexane	5.58	56	19867	1.967	ug/l #	83
39) Methylcyclohexane	7.46	83	31093	2.641	ug/l	93
40) Benzene	6.15	78	7598	0.280	ug/l	99
52) Toluene	8.78	92	3780	0.212	ug/l	92
67) Ethyl Benzene	10.26	91	20348	0.591	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
78) n-propylbenzene	11.36	91	419855	11.652	ug/l	99
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
89) n-Butylbenzene	12.38	91	44384	1.765	ug/l #	75

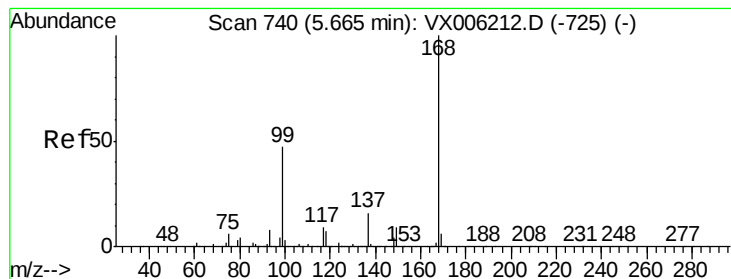
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
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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 :

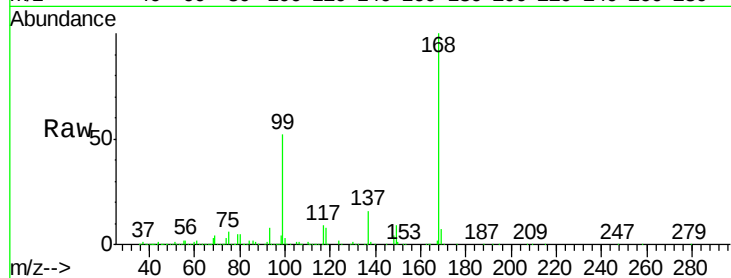
PR-MW-02_121218

Tgt Ion:168 Resp: 684833

Ion Ratio Lower Upper

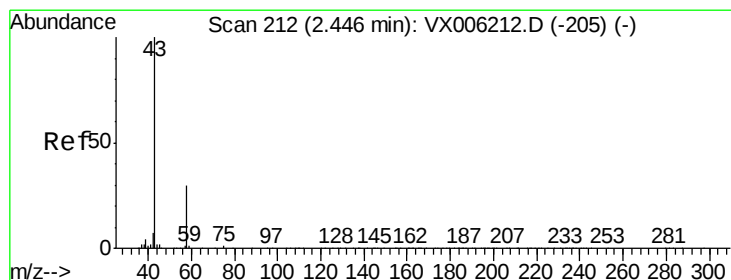
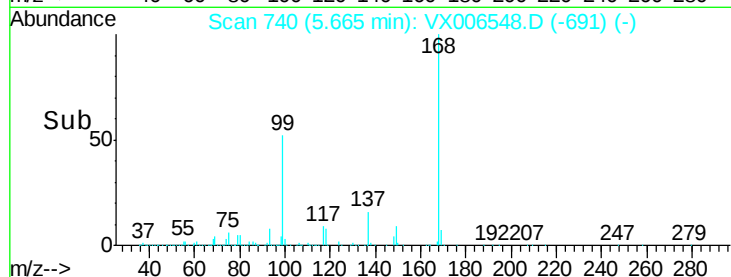
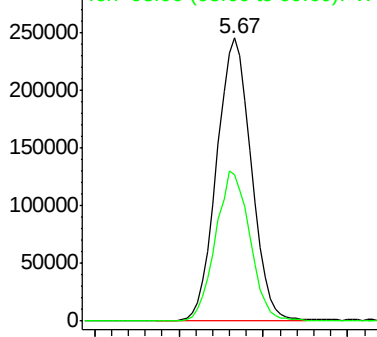
168 100

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



#16

Acetone

Concen: 2.989 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006548.D

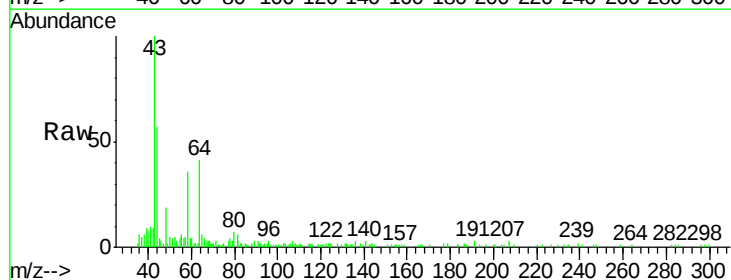
Acq: 15 Dec 2018 07:01

Tgt Ion: 43 Resp: 9805

Ion Ratio Lower Upper

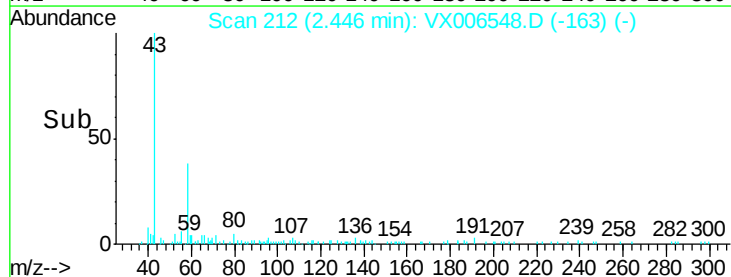
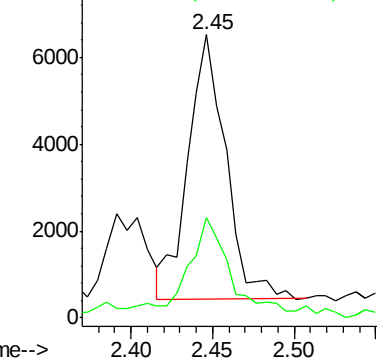
43 100

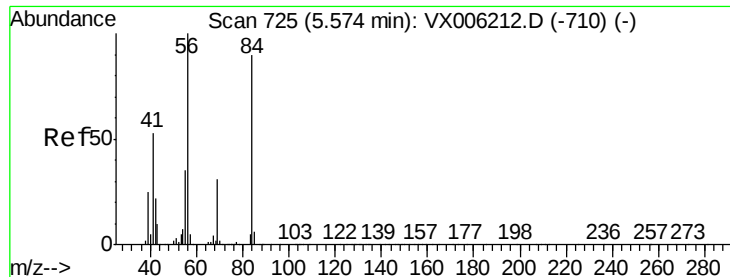
58 33.7 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#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

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-02_121218

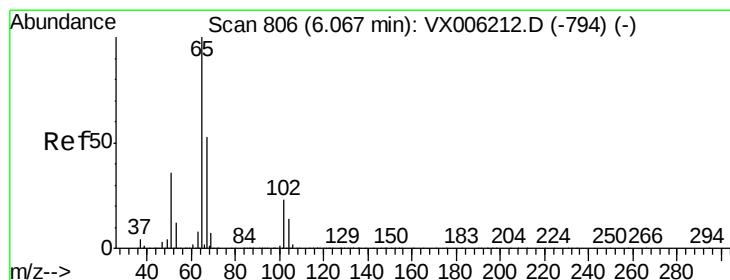
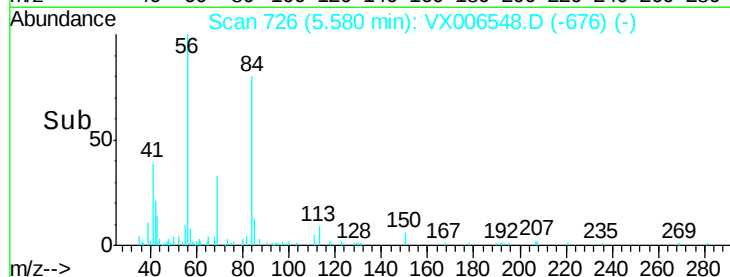
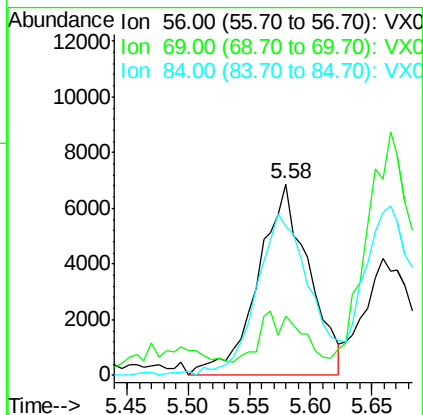
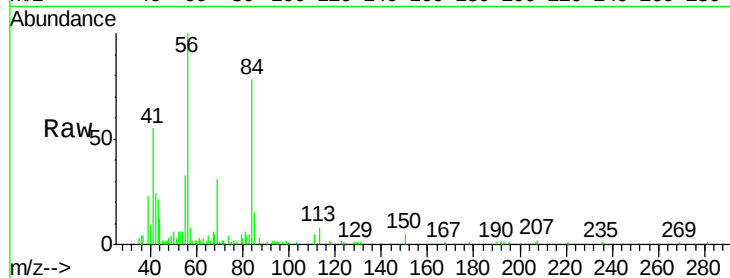
Tgt Ion: 56 Resp: 19867

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

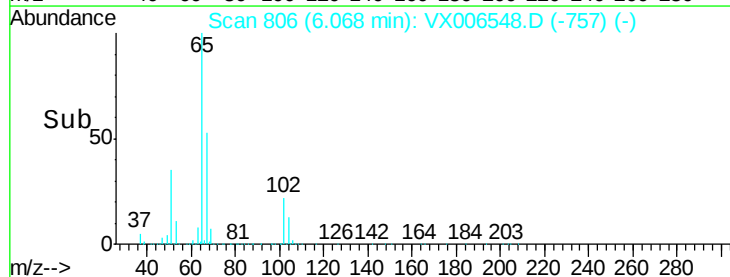
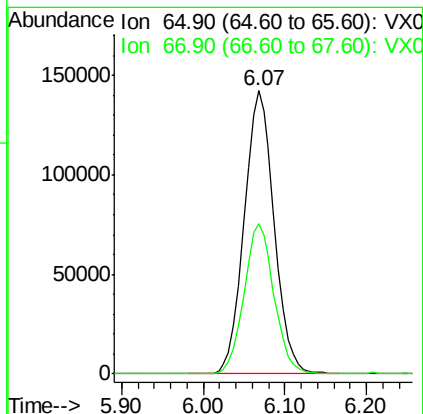
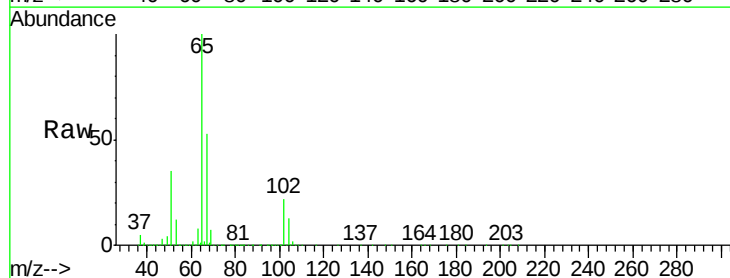
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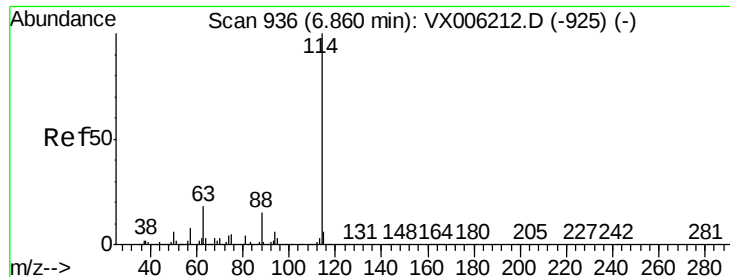
Tgt Ion: 65 Resp: 362921

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 :

MSVOA_X

ClientSampleId :

PR-MW-02_121218

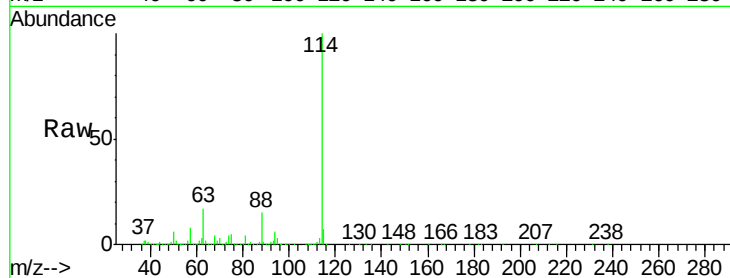
Tgt Ion:114 Resp: 1076926

Ion Ratio Lower Upper

114 100

63 17.4 0.0 36.6

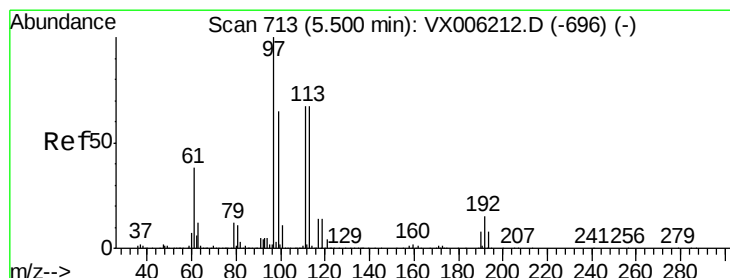
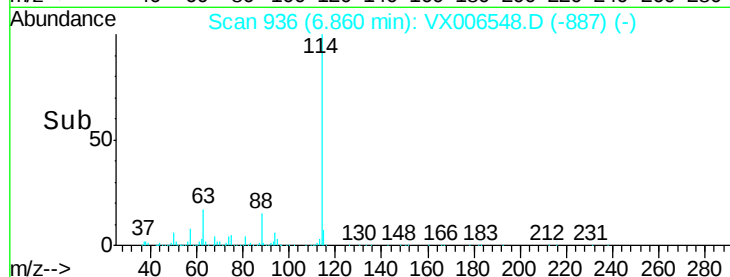
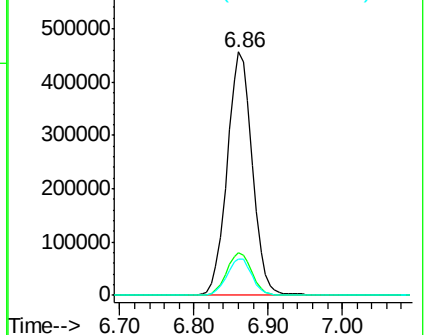
88 15.1 0.0 29.0



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

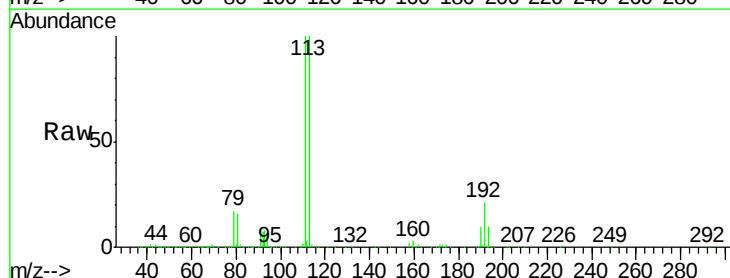
Tgt Ion:113 Resp: 315726

Ion Ratio Lower Upper

113 100

111 102.2 81.1 121.7

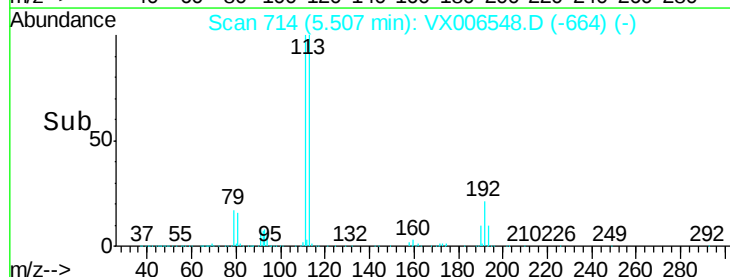
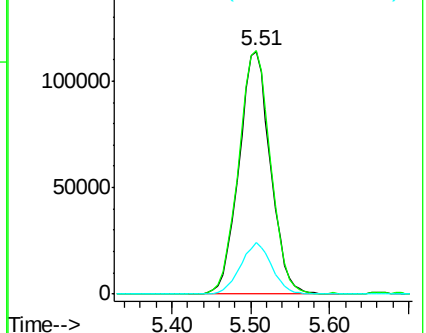
192 21.2 18.2 27.2

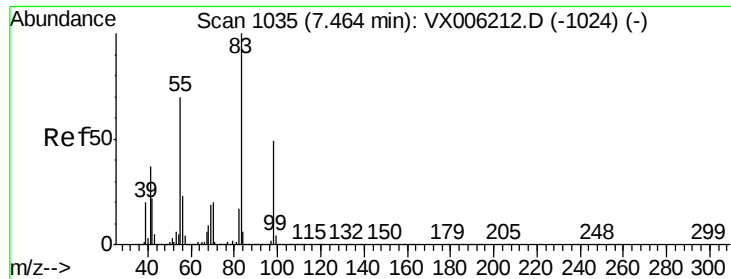


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

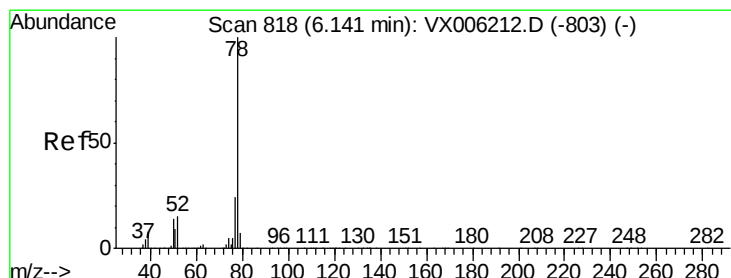
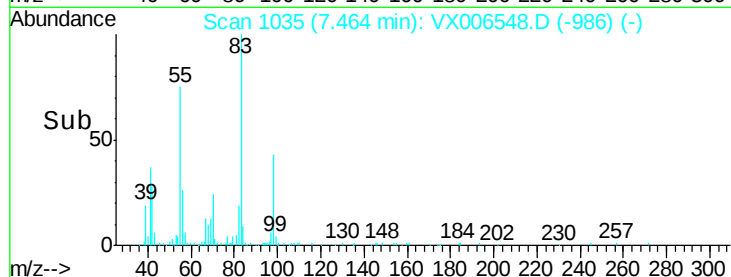
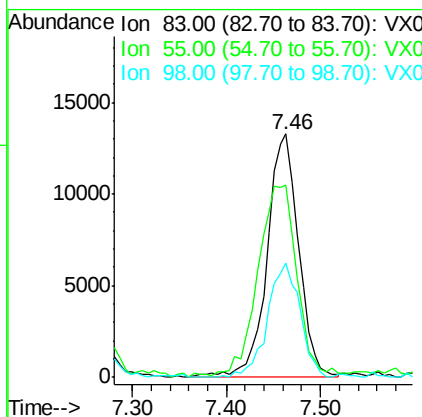
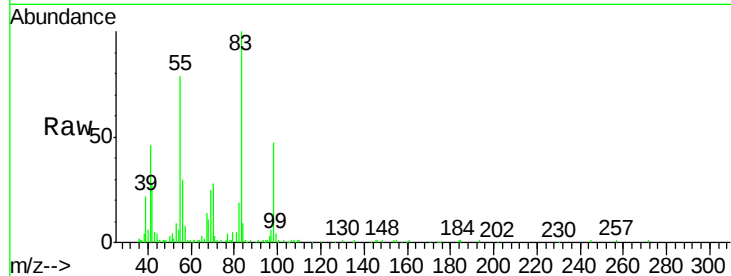




#39
Methylcyclohexane
Concen: 2.641 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006548.D
Acq: 15 Dec 2018 07:01

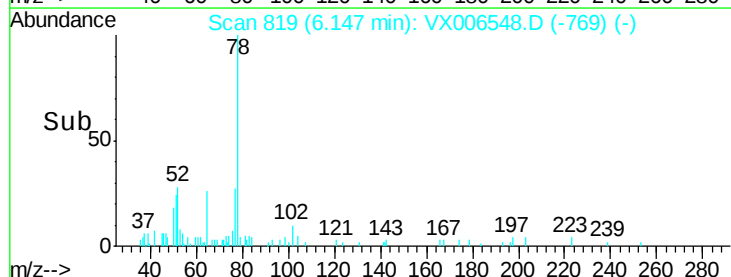
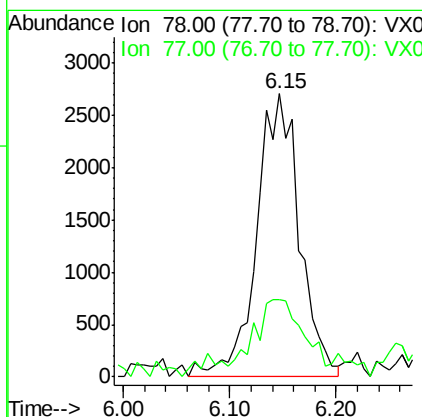
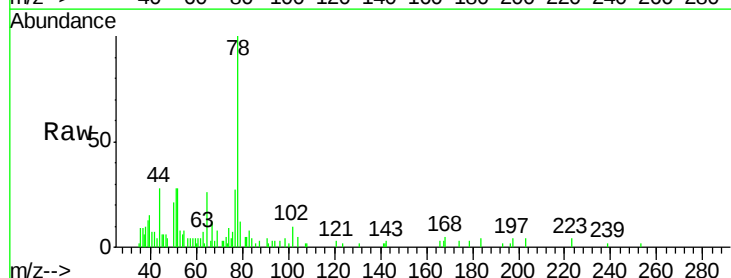
Instrument :
MSVOA_X
ClientSampleId :
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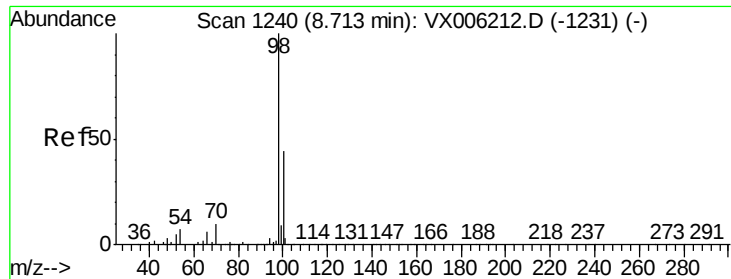
Tgt Ion: 83 Resp: 31093
Ion Ratio Lower Upper
83 100
55 79.1 56.4 84.6
98 47.1 39.0 58.6



#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

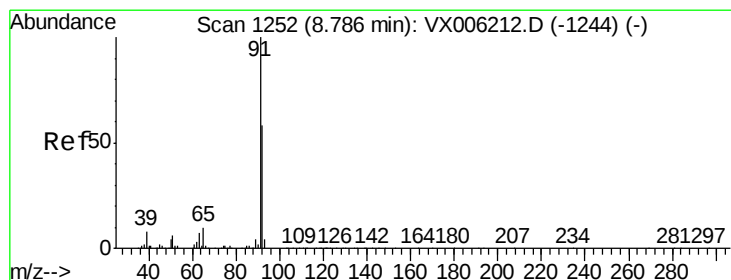
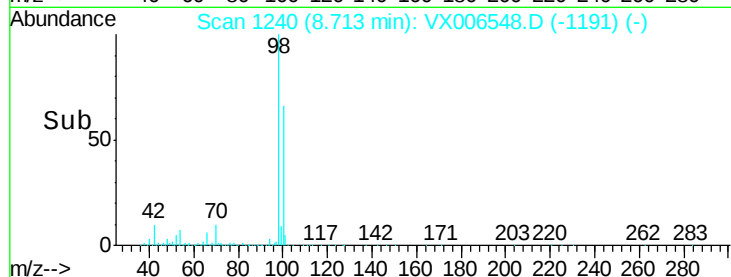
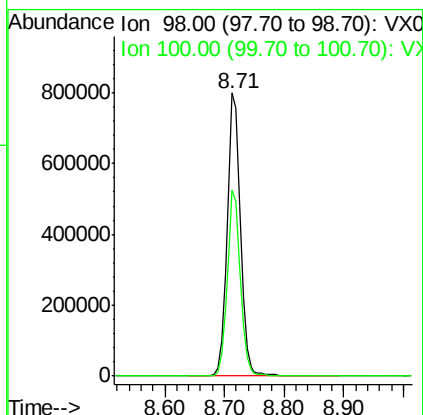
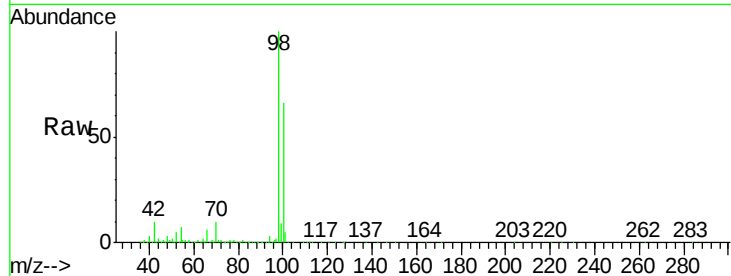




#50
Toluene-d8
Concen: 49.526 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006548.D
Acq: 15 Dec 2018 07:01

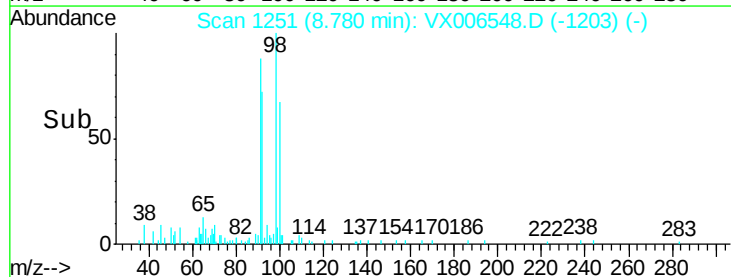
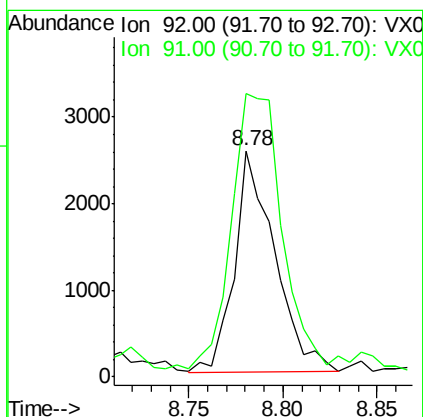
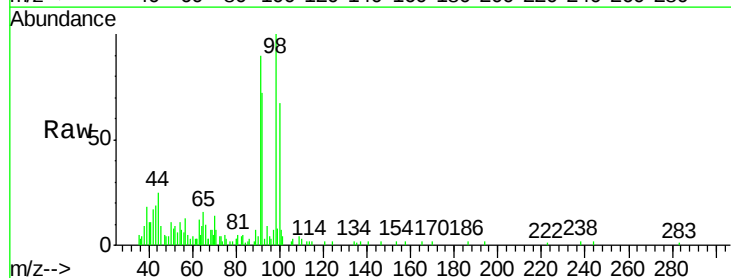
Instrument :
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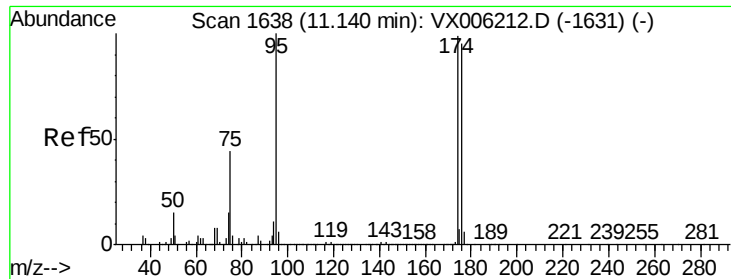
Tgt Ion: 98 Resp: 1256118
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.2



#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

Tgt Ion: 92 Resp: 3780
Ion Ratio Lower Upper
92 100
91 162.5 139.2 208.8





#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

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-02_121218

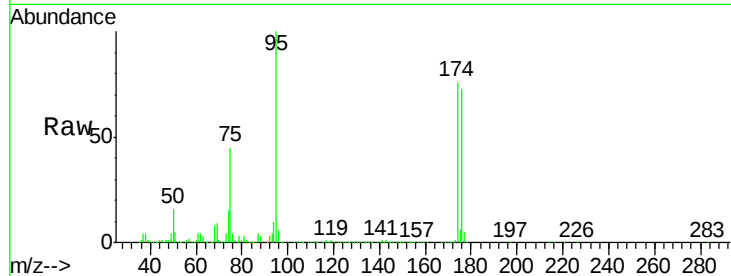
Tgt Ion: 95 Resp: 464216

Ion Ratio Lower Upper

95 100

174 85.3 0.0 187.0

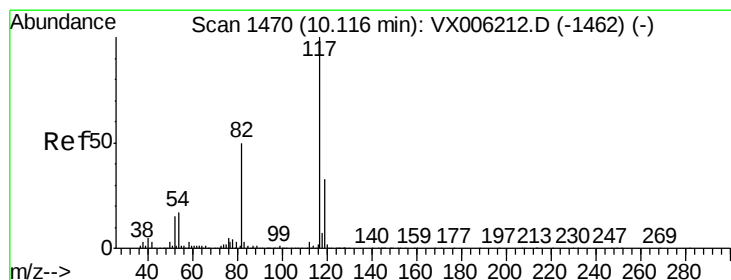
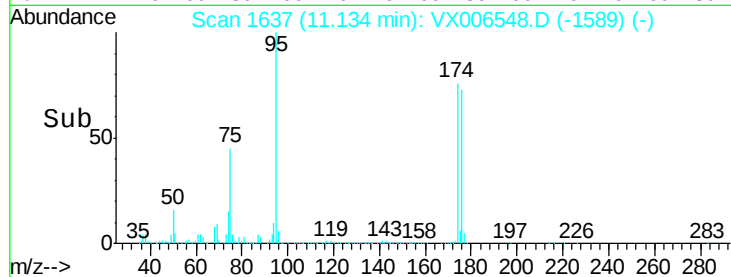
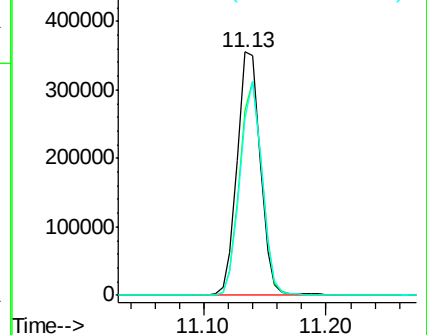
176 83.6 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX006212.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX006212.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX006212.D (-1631) (-)



#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

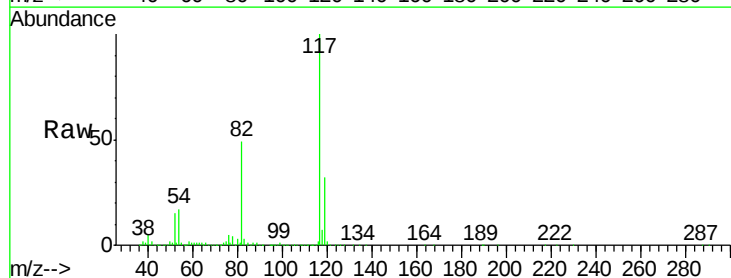
Tgt Ion: 117 Resp: 974380

Ion Ratio Lower Upper

117 100

82 49.4 39.6 59.4

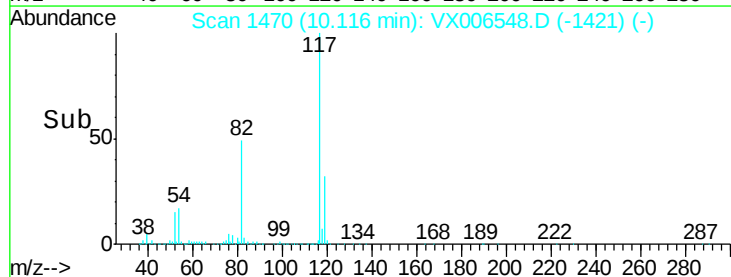
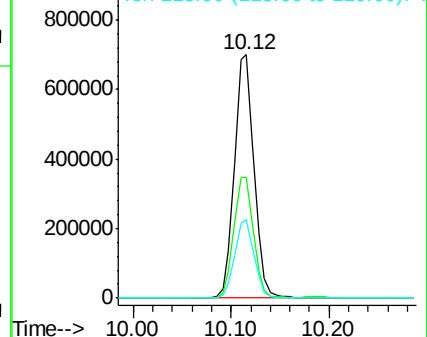
119 32.3 26.3 39.5

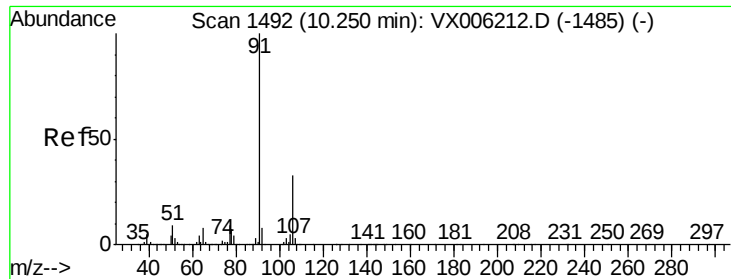


Abundance Ion 116.90 (116.60 to 117.60): VX006212.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX006212.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006212.D (-1462) (-)

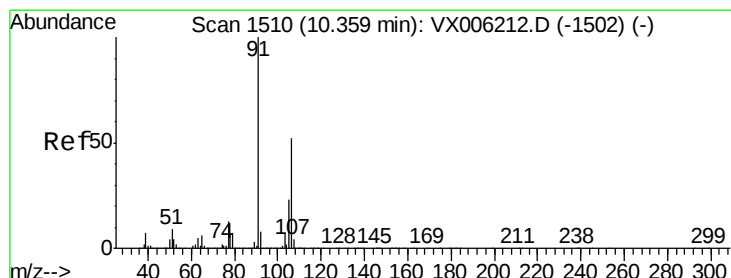
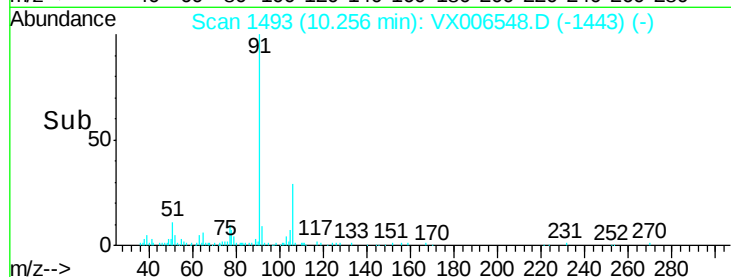
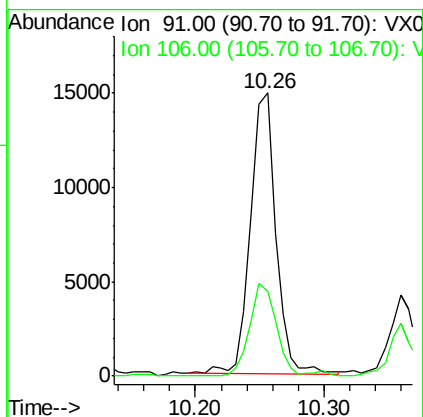
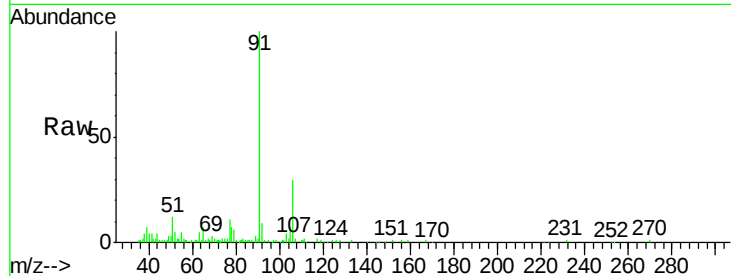




#67
Ethyl Benzene
Concen: 0.591 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VX006548.D
Acq: 15 Dec 2018 07:01

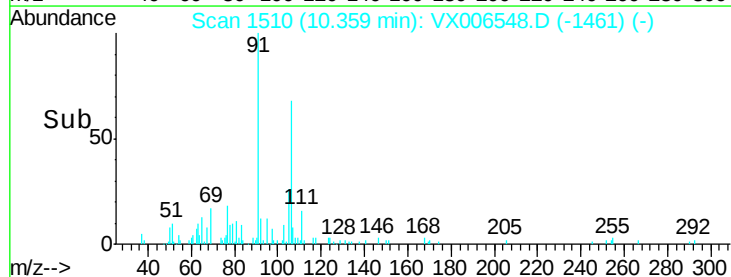
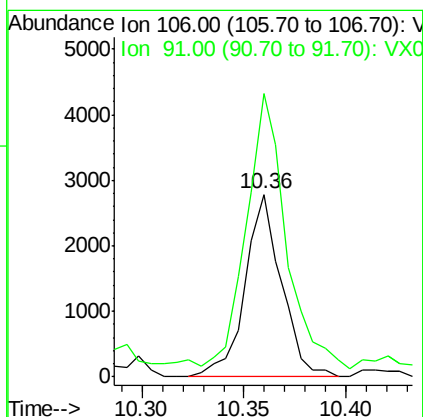
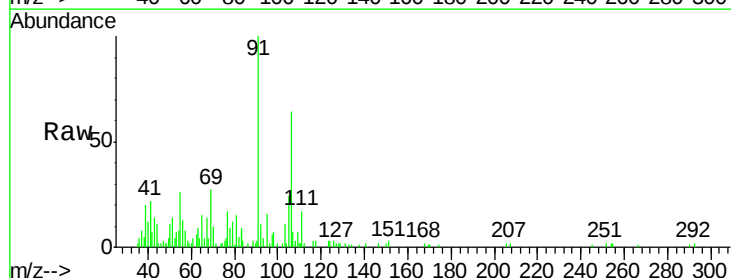
Instrument :
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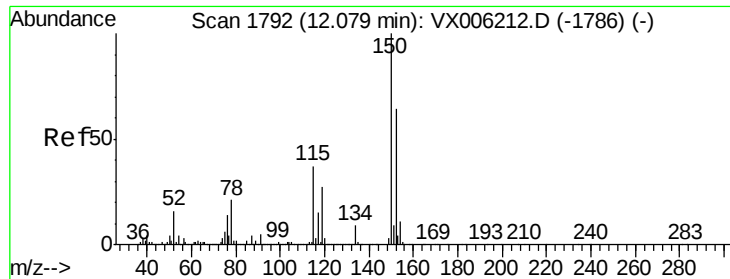
Tgt Ion: 91 Resp: 20348
Ion Ratio Lower Upper
91 100
106 30.1 26.5 39.7



#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

Tgt Ion: 106 Resp: 3461
Ion Ratio Lower Upper
106 100
91 174.8 155.2 232.8





#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

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-02_121218

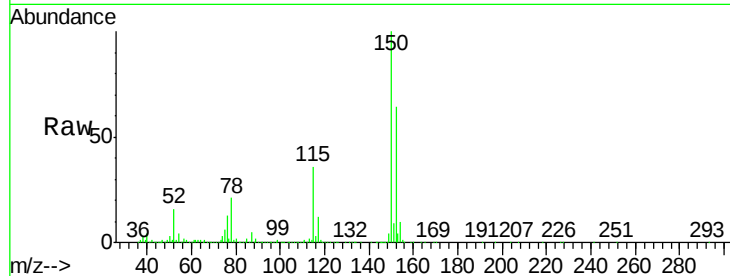
Tgt Ion:152 Resp: 469402

Ion Ratio Lower Upper

152 100

115 57.4 39.0 116.9

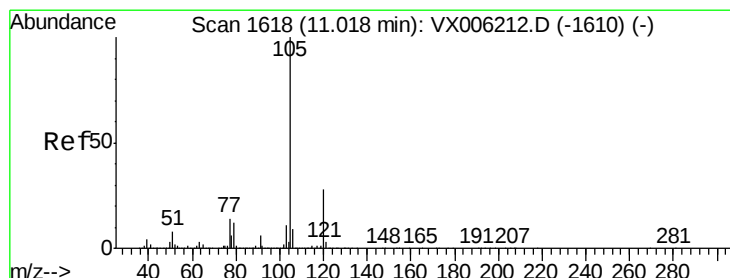
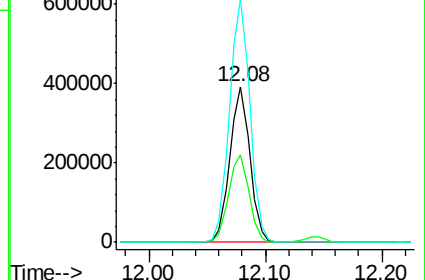
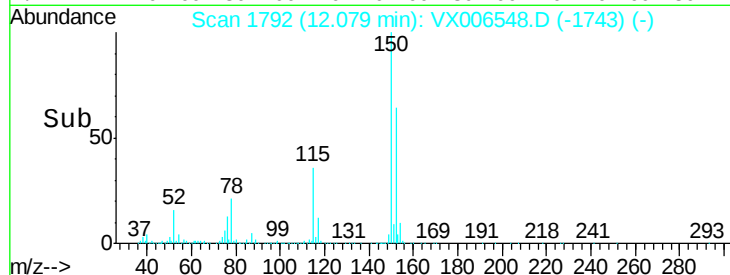
150 158.9 0.0 345.8



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

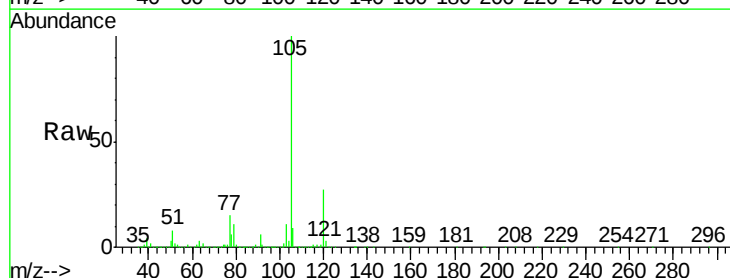
Acq: 15 Dec 2018 07:01

Tgt Ion:105 Resp: 1002694

Ion Ratio Lower Upper

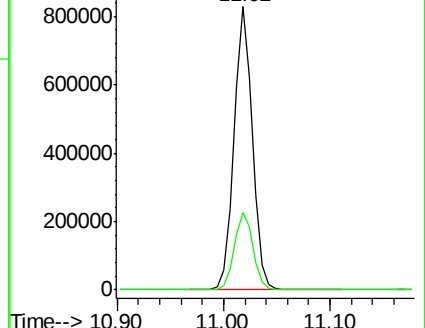
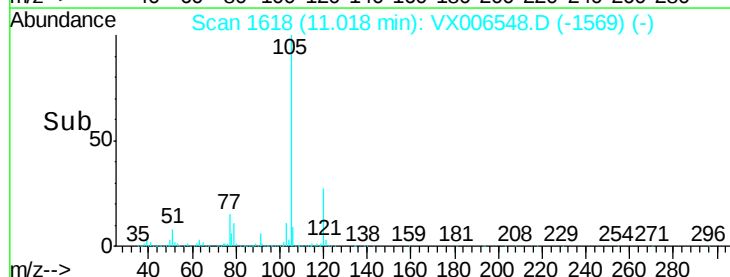
105 100

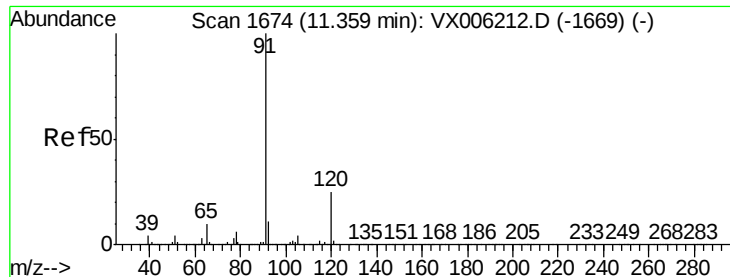
120 27.9 14.1 42.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#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 :

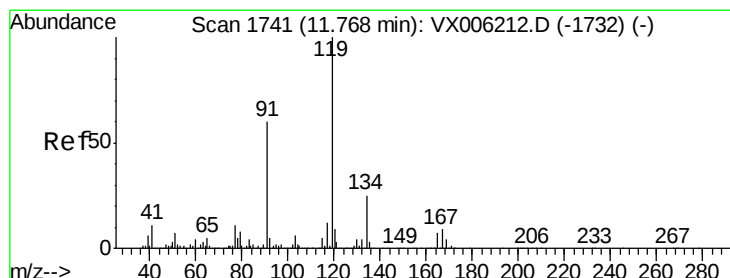
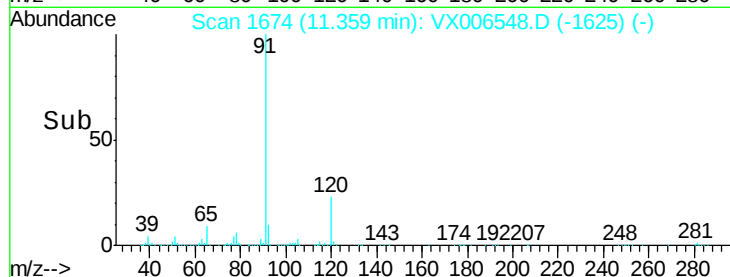
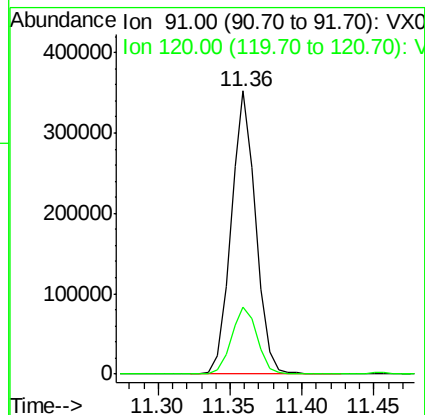
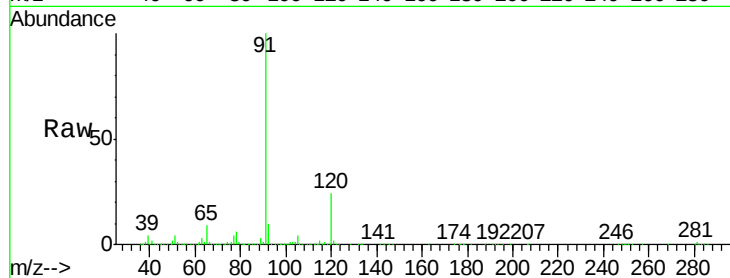
PR-MW-02_121218

Tgt Ion: 91 Resp: 419855

Ion Ratio Lower Upper

91 100

120 24.8 12.7 38.0



#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

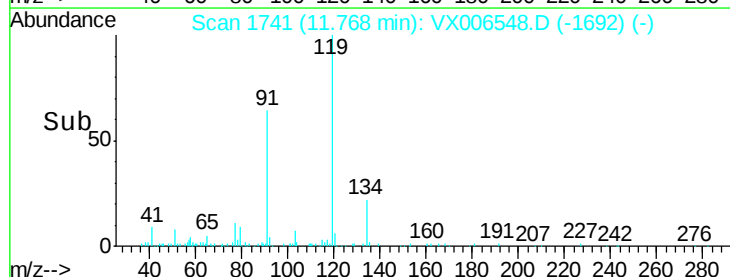
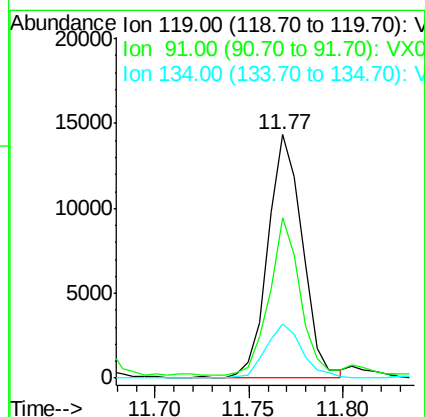
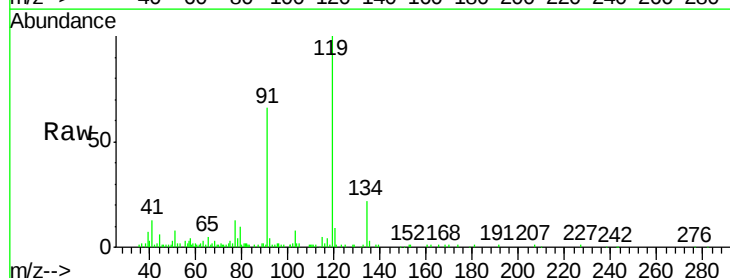
Tgt Ion: 119 Resp: 18234

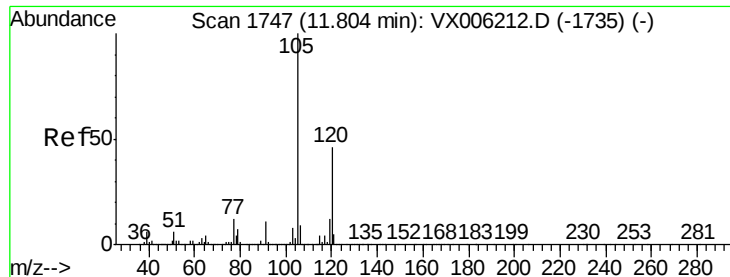
Ion Ratio Lower Upper

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 :

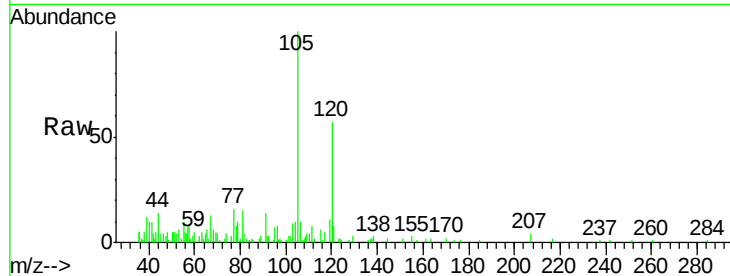
PR-MW-02_121218

Tgt Ion:105 Resp: 6277

Ion Ratio Lower Upper

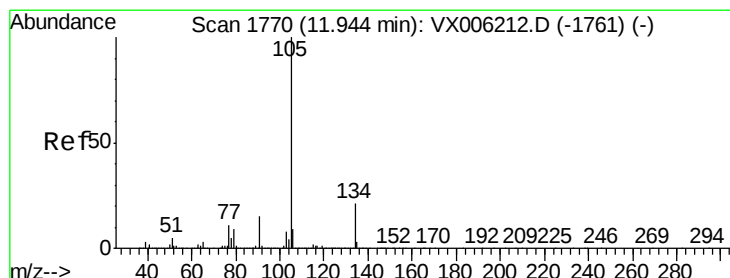
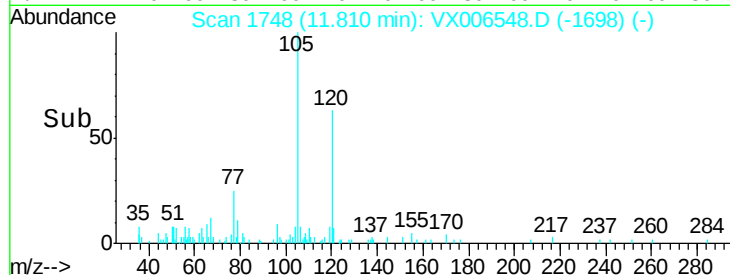
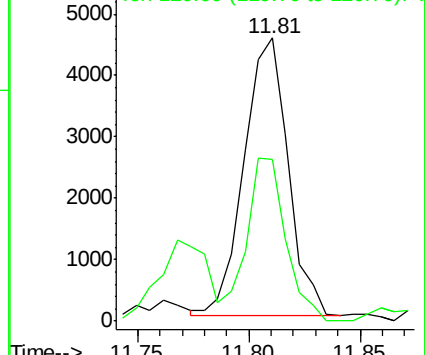
105 100

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

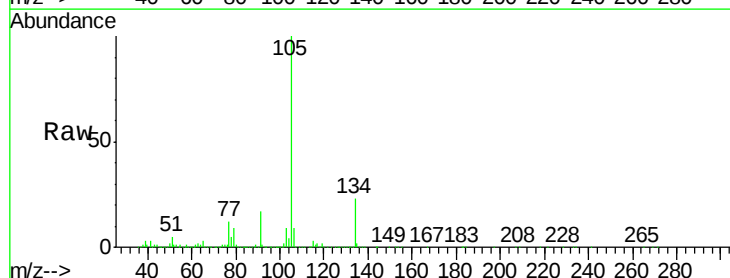
Acq: 15 Dec 2018 07:01

Tgt Ion:105 Resp: 125845

Ion Ratio Lower Upper

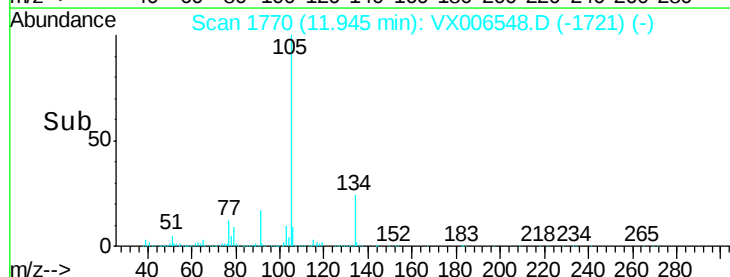
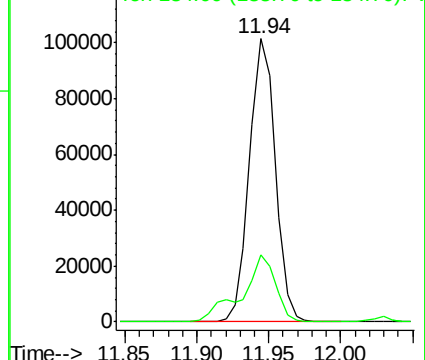
105 100

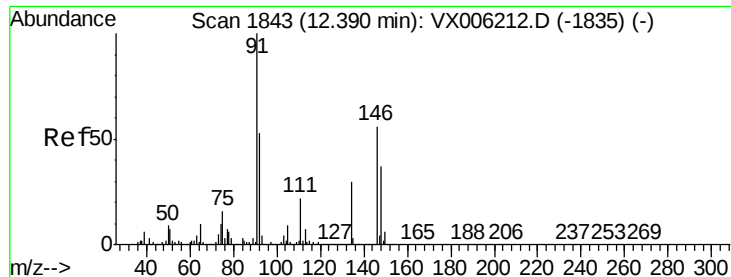
134 30.7 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#89

n-Butylbenzene

Concen: 1.765 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX006548.D

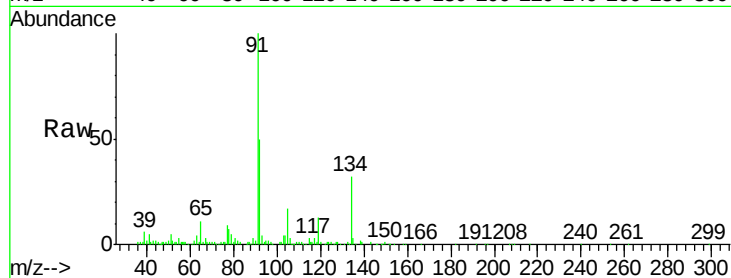
Acq: 15 Dec 2018 07:01

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-02_121218



Tgt Ion:	91	Resp:	44384
Ion	Ratio	Lower	Upper
91	100		
92	44.5	26.6	79.8
134	54.9	14.8	44.3#

