

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012918\
 Data File : VW001127.D
 Acq On : 29 Jan 2018 19:10
 Operator : JC/SY
 Sample : J1023-05
 Misc : 5.63G/5.0ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-05-012518

Quant Time: Jan 30 14:53:50 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012918S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 30 01:11:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	11301	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	15478	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	14894	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	6556	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	7133	64.92	ug/l	0.00
Spiked Amount			Recovery	=	129.84%	
35) Dibromofluoromethane	7.88	113	1449	14.64	ug/l	0.00
Spiked Amount			Recovery	=	29.28%	
50) Toluene-d8	10.34	98	21853	57.35	ug/l	0.00
Spiked Amount			Recovery	=	114.70%	
62) 4-Bromofluorobenzene	12.63	95	7106	50.61	ug/l	0.00
Spiked Amount			Recovery	=	101.22%	

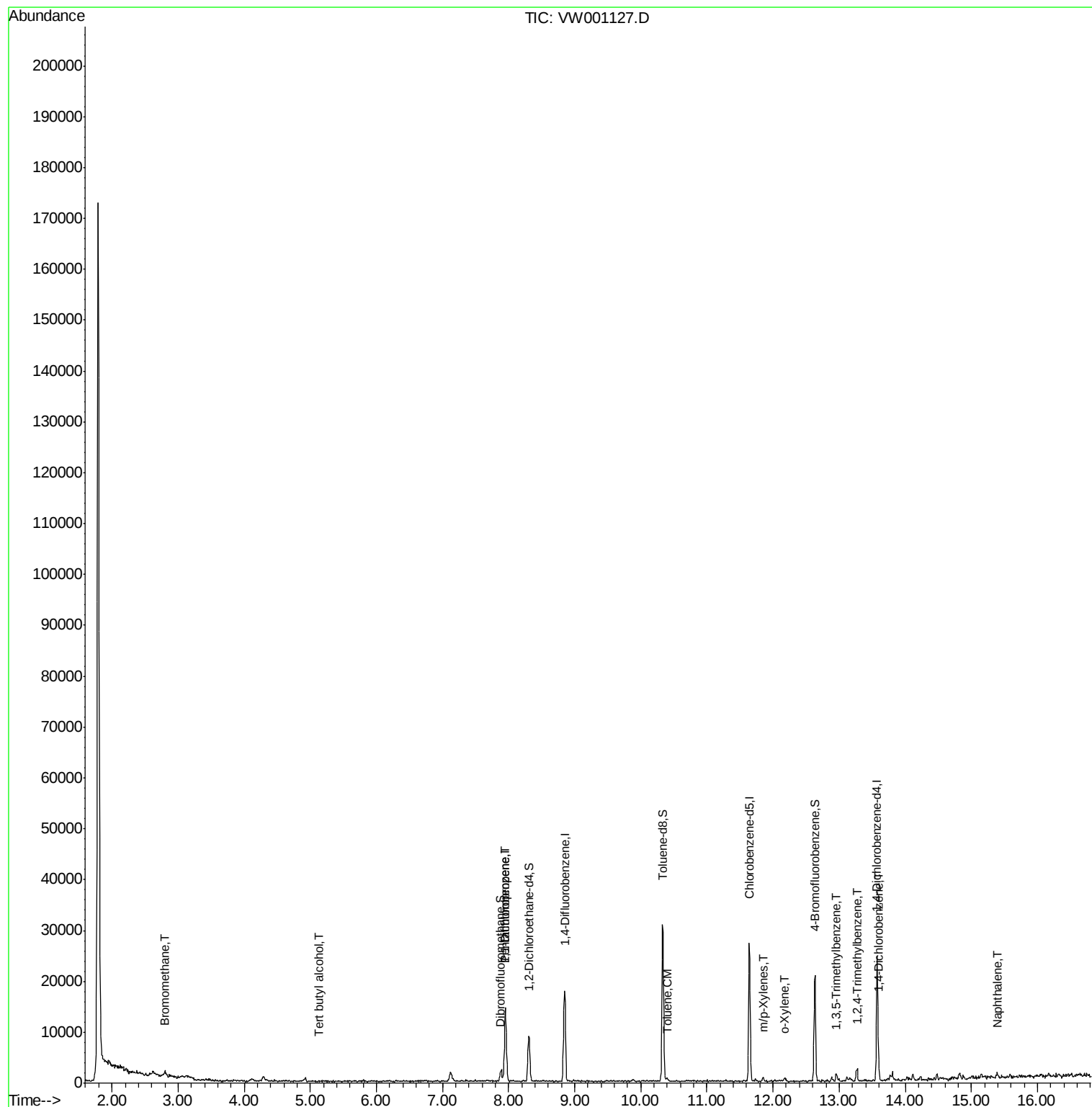
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.80	94	667	8.71	ug/l	95
11) Tert butyl alcohol	5.12	59	53	6.00	ug/l #	73
36) 1,1-Dichloropropene	7.95	75	988	7.07	ug/l #	40
52) Toluene	10.39	92	301	1.21	ug/l	95
68) m/p-Xylenes	11.85	106	270	1.38	ug/l	77
69) o-Xylene	12.17	106	210	1.17	ug/l	64
80) 1,3,5-Trimethylbenzene	12.96	105	863	2.46	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	1641	4.59	ug/l	91
88) 1,4-Dichlorobenzene	13.60	146	217	1.03	ug/l	89
95) Naphthalene	15.39	128	700	2.50	ug/l #	86

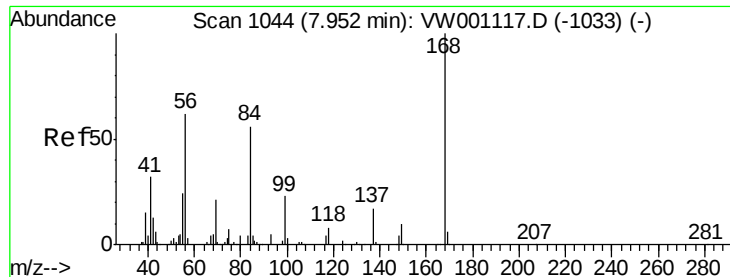
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012918\
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ALS Vial : 15 Sample Multiplier: 1

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MSVOA_W
ClientSampleId :
TR-05-012518

Quant Time: Jan 30 14:53:50 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012918S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 30 01:11:27 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW001127.D

Acq: 29 Jan 2018 19:10

Instrument :

MSVOA_W

ClientSampleId :

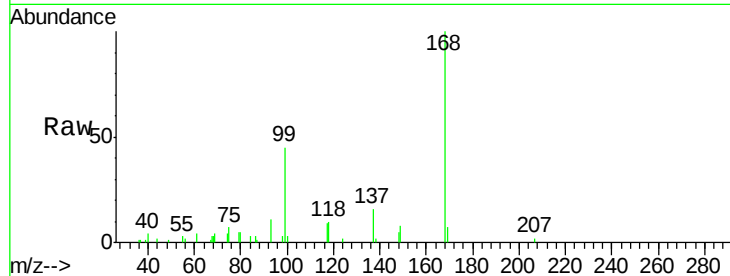
TR-05-012518

Tot Ion:168 Resp: 11301

Ion Ratio Lower Upper

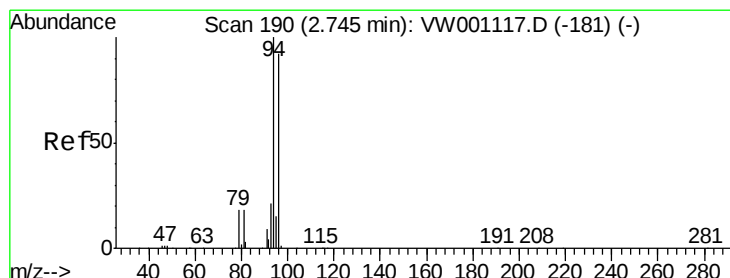
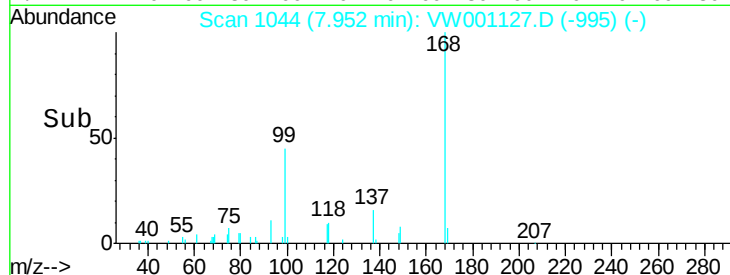
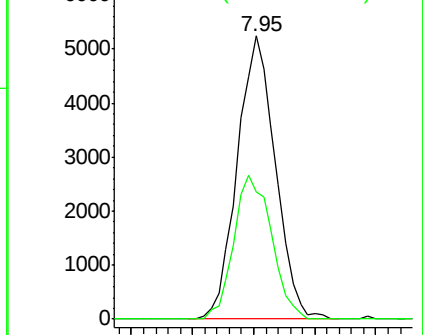
168 100

99 45.1 42.4 63.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#5

Bromomethane

Concen: 8.71 ug/l

RT: 2.80 min Scan# 199

Delta R.T. 0.06 min

Lab File: VW001127.D

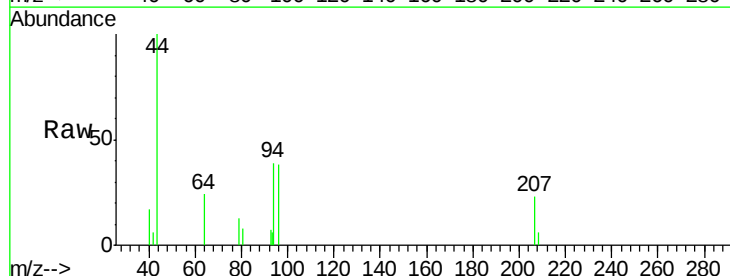
Acq: 29 Jan 2018 19:10

Tgt Ion: 94 Resp: 667

Ion Ratio Lower Upper

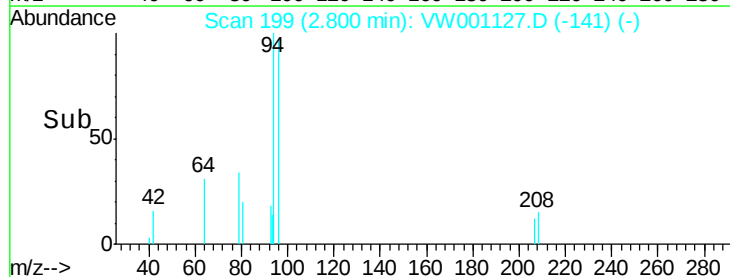
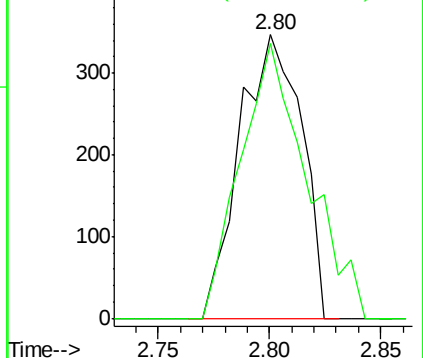
94 100

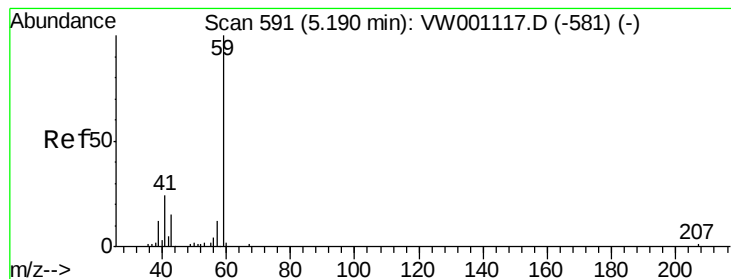
96 96.8 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



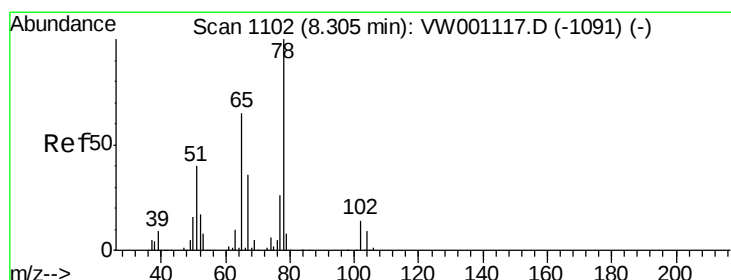
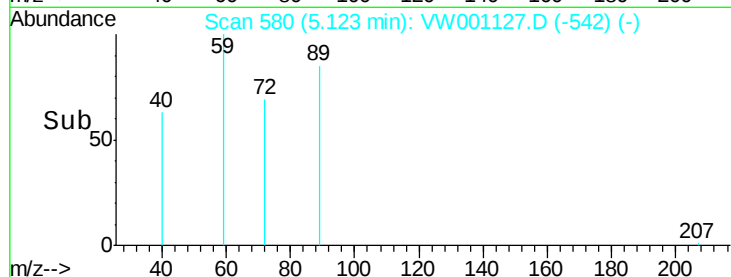
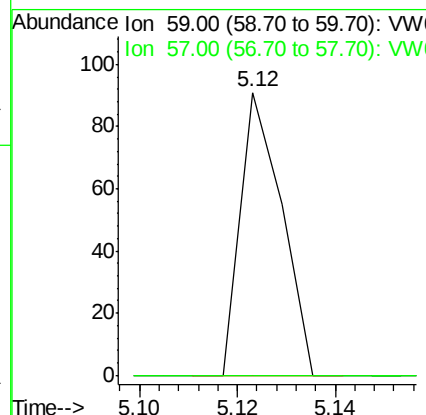
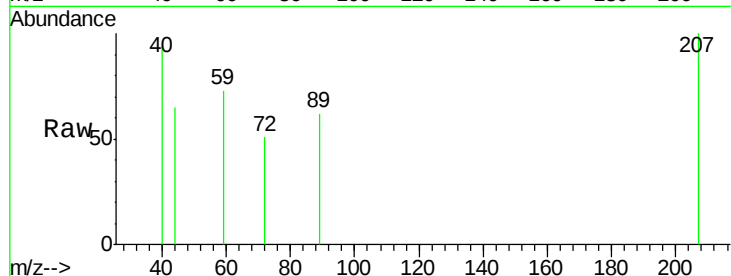


#11

Tert butyl alcohol
 Concen: 6.00 ug/l
 RT: 5.12 min Scan# 580
 Delta R.T. -0.07 min
 Lab File: VW001127.D
 Acq: 29 Jan 2018 19:10

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-05-012518

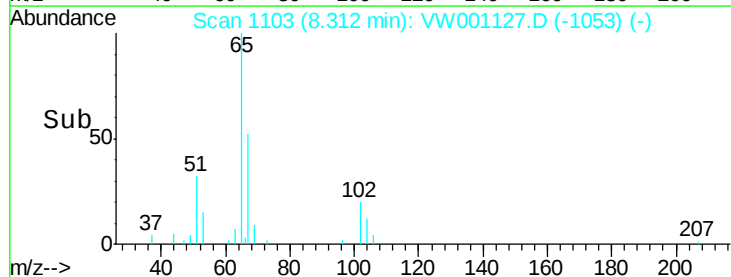
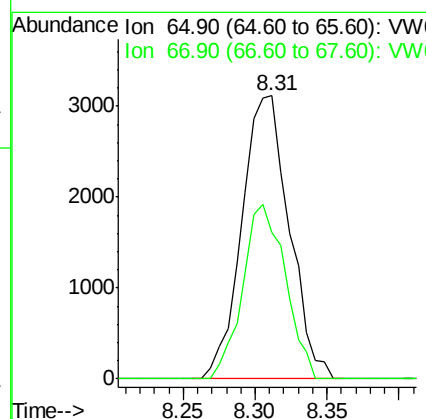
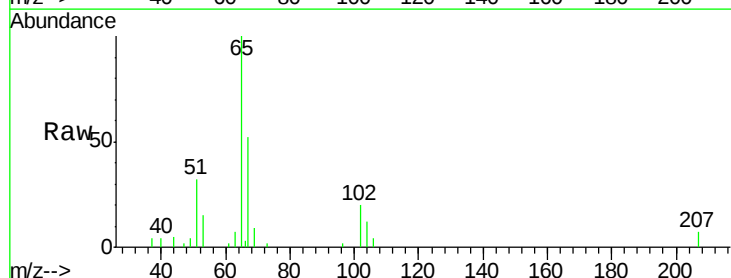
Tot Ion: 59 Resp: 53
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.8#

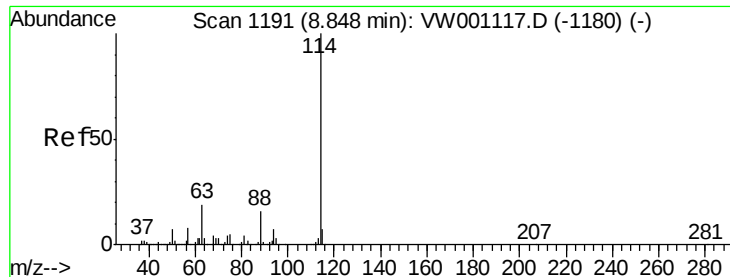


#33

1,2-Dichloroethane-d4
 Concen: 64.92 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VW001127.D
 Acq: 29 Jan 2018 19:10

Tgt Ion: 65 Resp: 7133
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 104.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW001127.D

Acq: 29 Jan 2018 19:10

Instrument :

MSVOA_W

ClientSampleId :

TR-05-012518

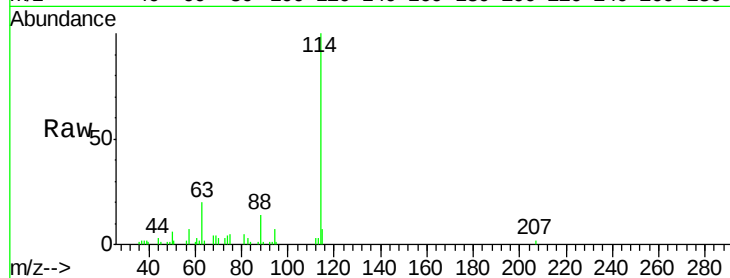
Tot Ion:114 Resp: 15478

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.2

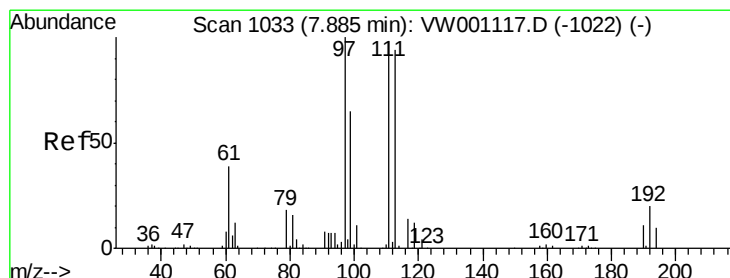
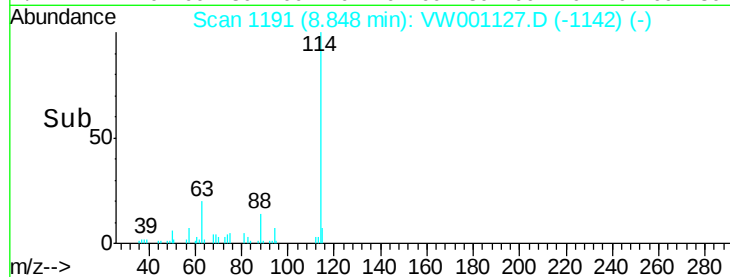
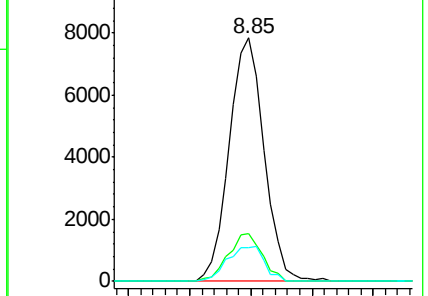
88 13.7 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 14.64 ug/l

RT: 7.88 min Scan# 1032

Delta R.T. -0.01 min

Lab File: VW001127.D

Acq: 29 Jan 2018 19:10

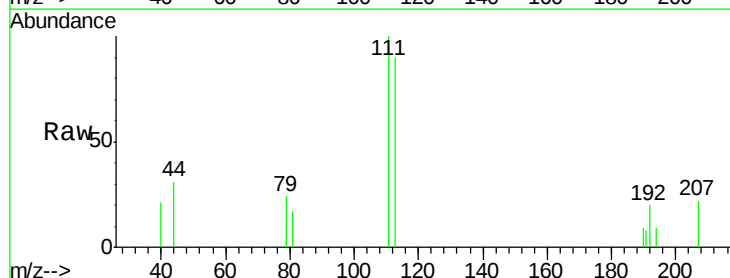
Tgt Ion:113 Resp: 1449

Ion Ratio Lower Upper

113 100

111 123.1 83.1 124.7

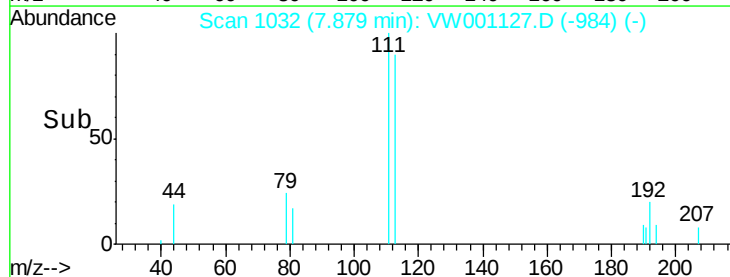
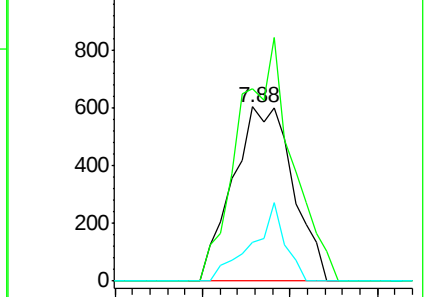
192 24.6 17.8 26.6

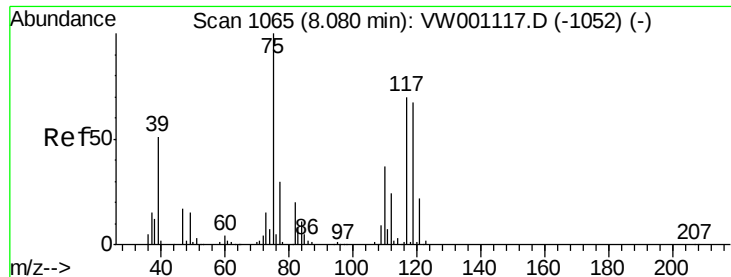


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 7.07 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.13 min

Lab File: VW001127.D

Acq: 29 Jan 2018 19:10

Instrument :

MSVOA_W

ClientSampleId :

TR-05-012518

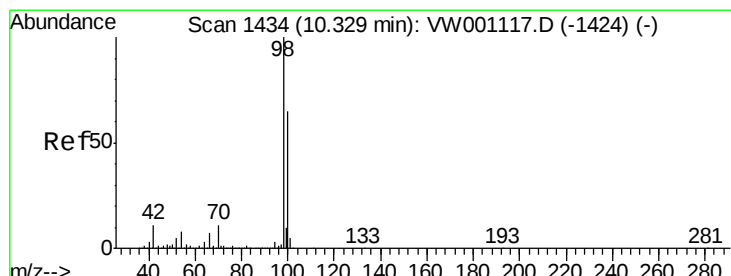
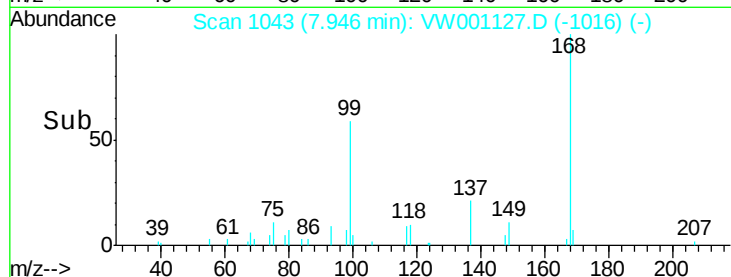
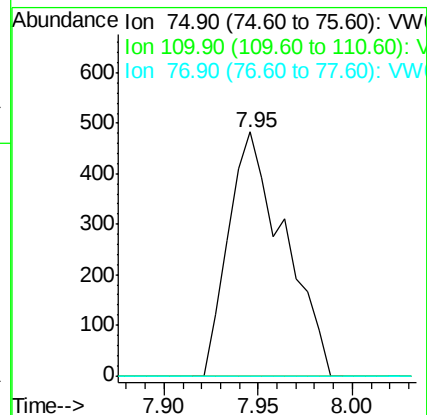
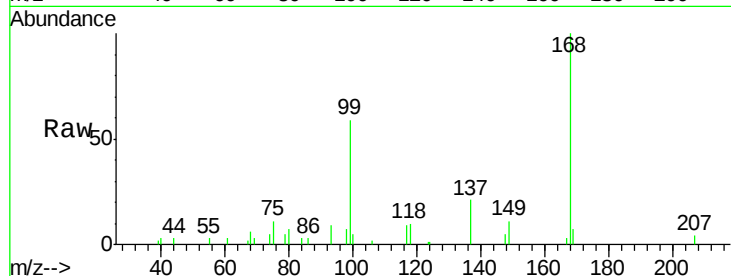
Tot Ion: 75 Resp: 988

Ion Ratio Lower Upper

75 100

110 0.0 18.7 56.1#

77 0.0 24.6 37.0#



#50

Toluene-d8

Concen: 57.35 ug/l

RT: 10.34 min Scan# 1435

Delta R.T. 0.01 min

Lab File: VW001127.D

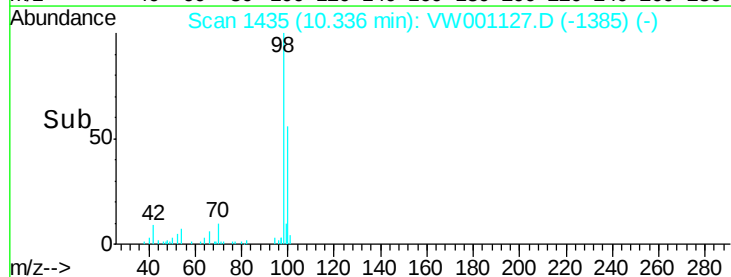
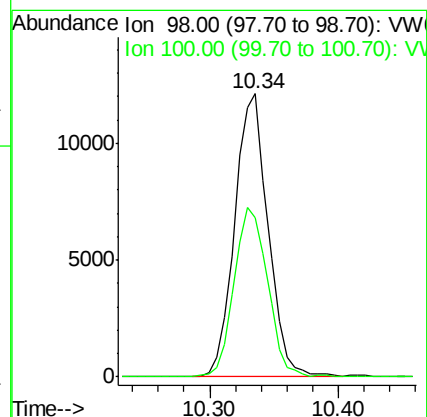
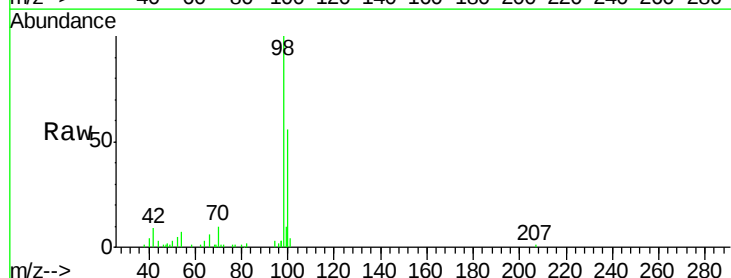
Acq: 29 Jan 2018 19:10

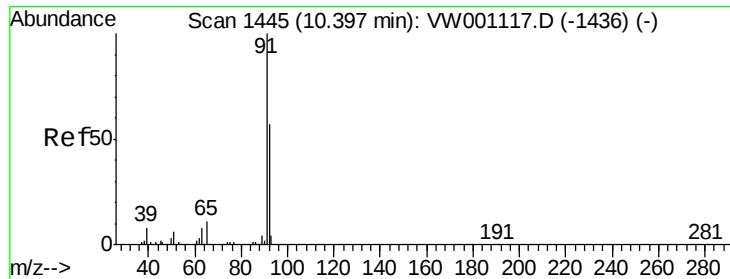
Tgt Ion: 98 Resp: 21853

Ion Ratio Lower Upper

98 100

100 60.0 51.3 76.9





#52

Toluene

Concen: 1.21 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.01 min

Lab File: VW001127.D

Acq: 29 Jan 2018 19:10

Instrument :

MSVOA_W

ClientSampleId :

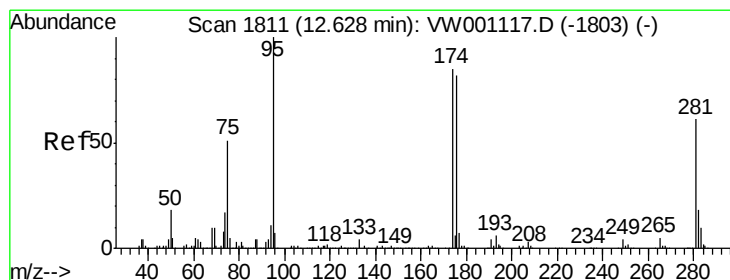
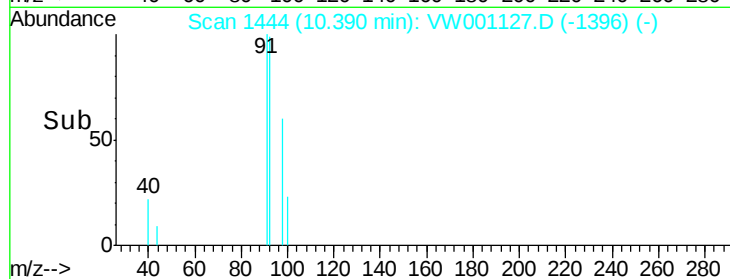
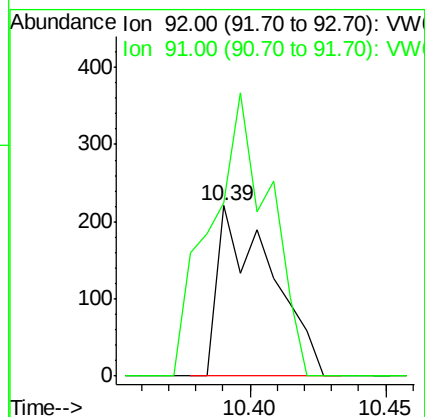
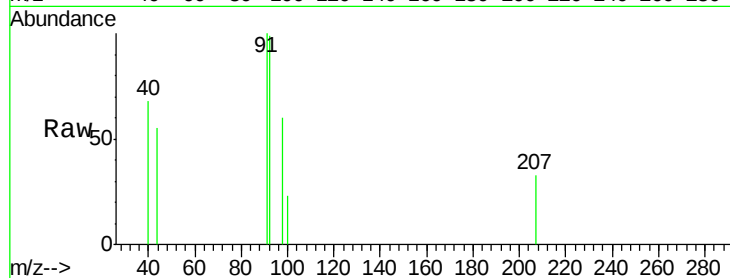
TR-05-012518

Tot Ion: 92 Resp: 301

Ion Ratio Lower Upper

92 100

91 182.7 140.6 211.0



#62

4-Bromofluorobenzene

Concen: 50.61 ug/l

RT: 12.63 min Scan# 1812

Delta R.T. 0.01 min

Lab File: VW001127.D

Acq: 29 Jan 2018 19:10

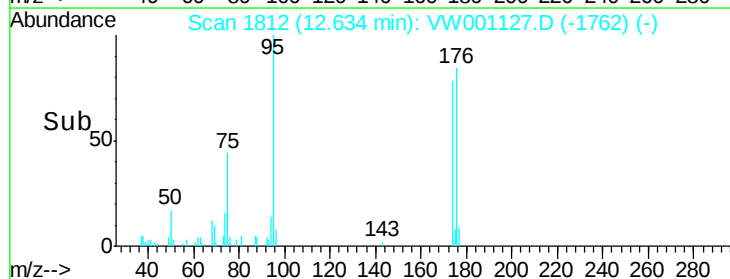
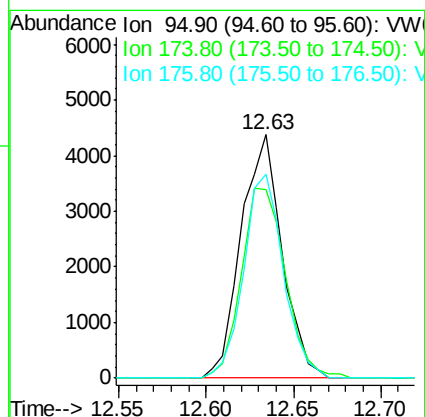
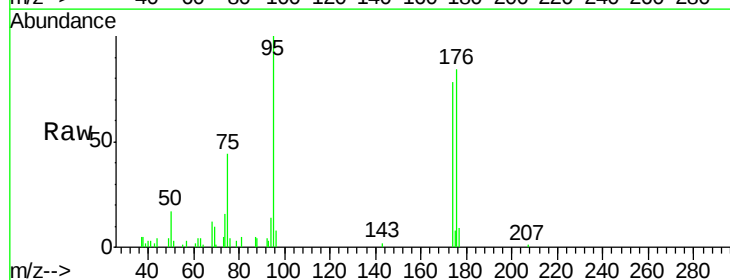
Tgt Ion: 95 Resp: 7106

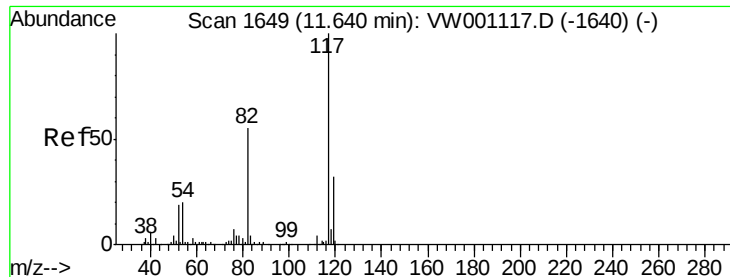
Ion Ratio Lower Upper

95 100

174 84.6 0.0 179.6

176 81.6 0.0 174.4

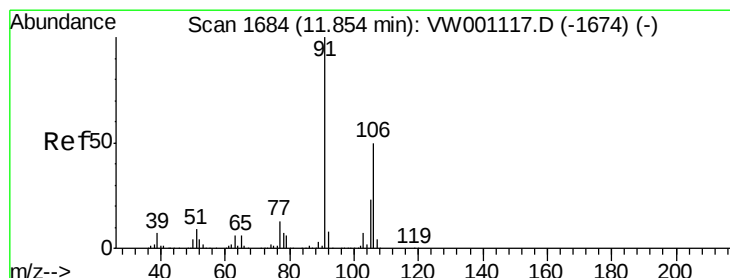
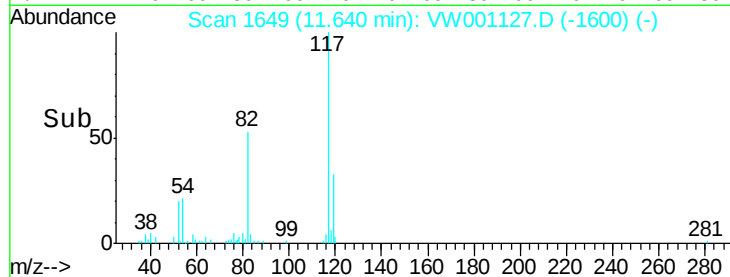
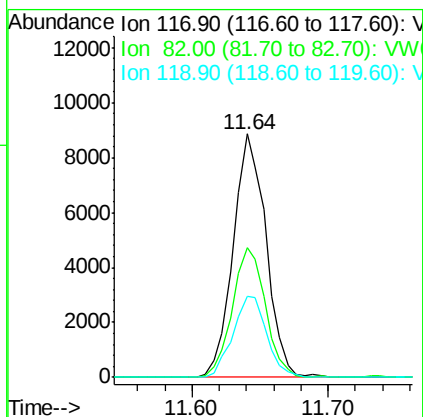
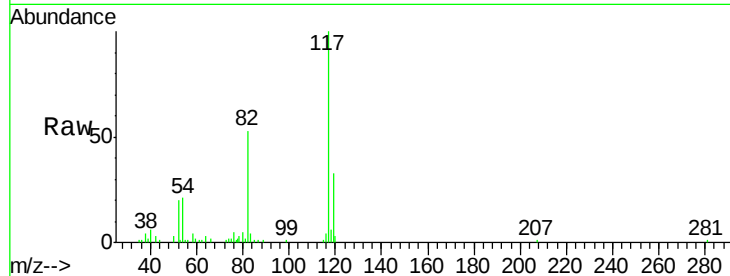




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW001127.D
Acq: 29 Jan 2018 19:10

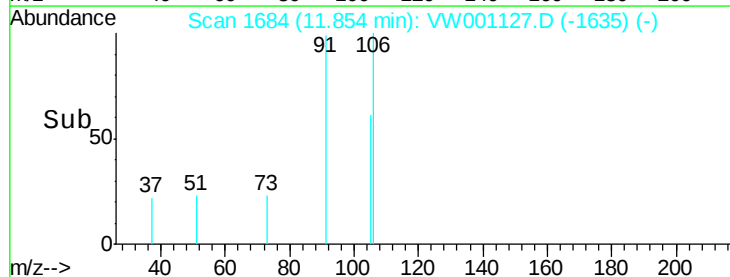
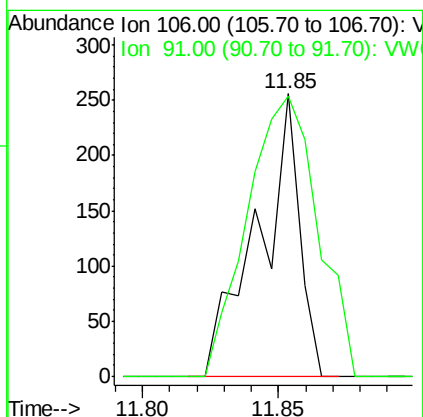
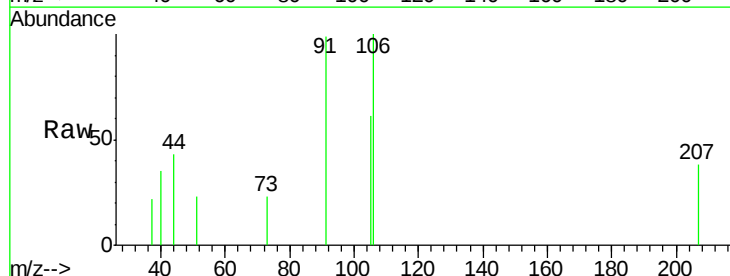
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TR-05-012518

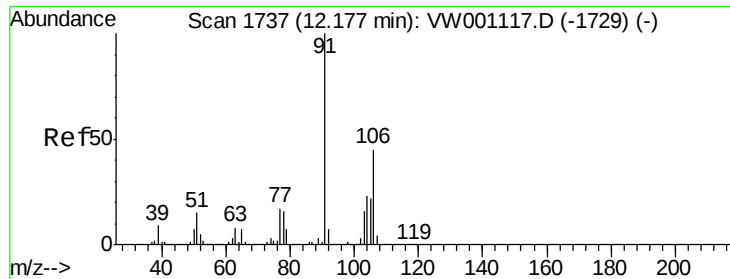
Tot Ion:117 Resp: 14894
Ion Ratio Lower Upper
117 100
82 53.2 43.8 65.8
119 33.1 25.8 38.8



#68
m/p-Xylenes
Concen: 1.38 ug/l
RT: 11.85 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW001127.D
Acq: 29 Jan 2018 19:10

Tgt Ion:106 Resp: 270
Ion Ratio Lower Upper
106 100
91 168.9 163.1 244.7

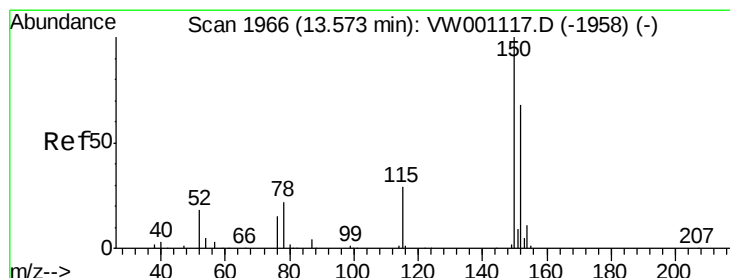
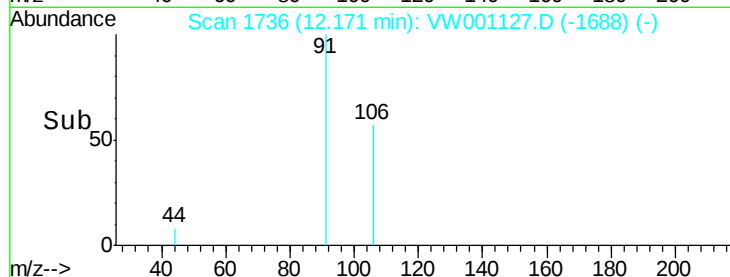
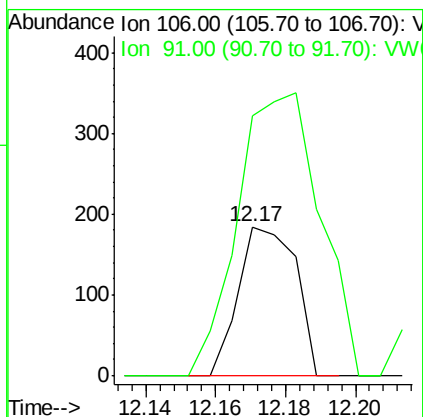
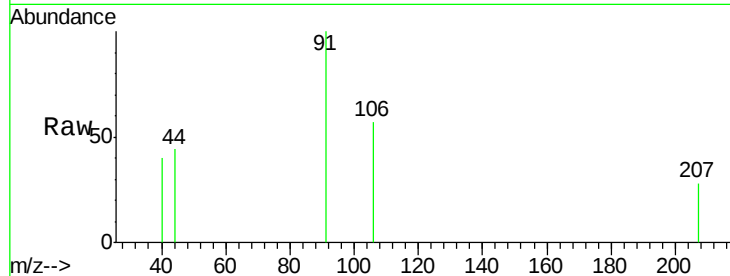




#69
o-Xylene
Concen: 1.17 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.01 min
Lab File: VW001127.D
Acq: 29 Jan 2018 19:10

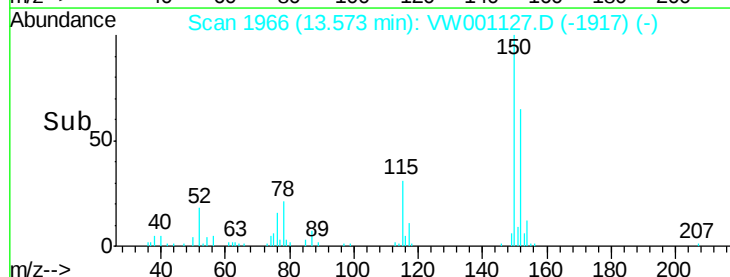
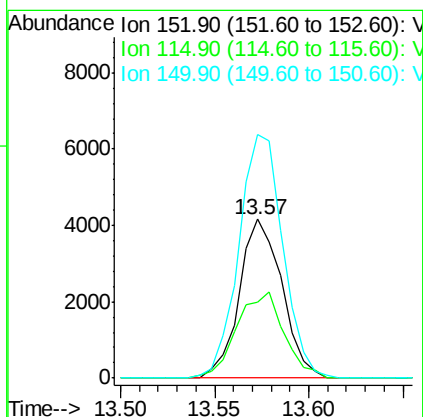
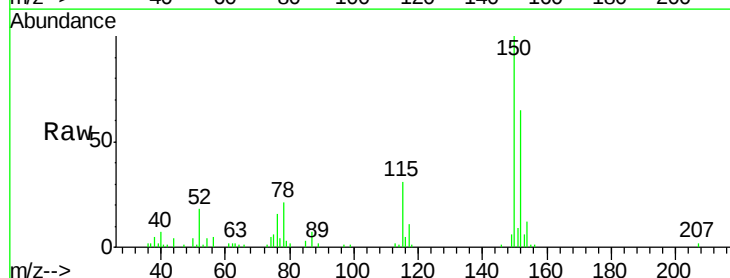
Instrument :
MSVOA_W
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TR-05-012518

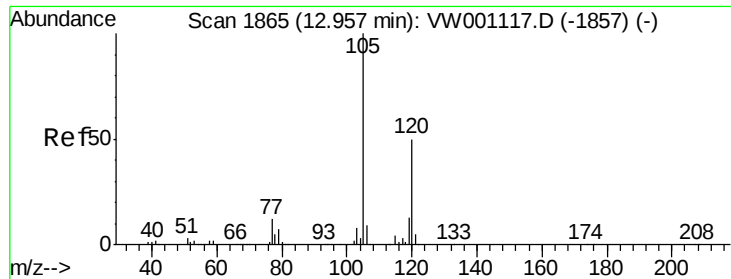
Tot Ion:106 Resp: 210
Ion Ratio Lower Upper
106 100
91 272.4 107.6 322.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. -0.00 min
Lab File: VW001127.D
Acq: 29 Jan 2018 19:10

Tgt Ion:152 Resp: 6556
Ion Ratio Lower Upper
152 100
115 59.8 28.4 85.3
150 157.8 0.0 342.4





#80

1,3,5-Trimethylbenzene

Concen: 2.46 ug/l

RT: 12.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VW001127.D

Acq: 29 Jan 2018 19:10

Instrument :

MSVOA_W

ClientSampleId :

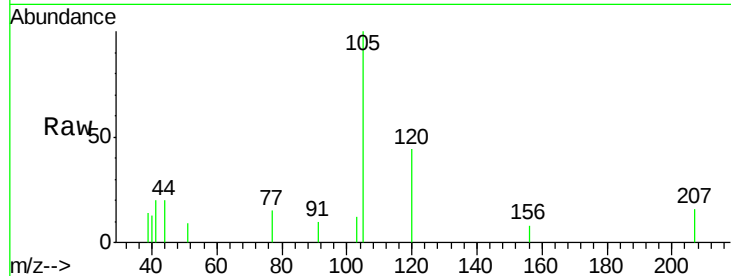
TR-05-012518

Tot Ion:105 Resp: 863

Ion Ratio Lower Upper

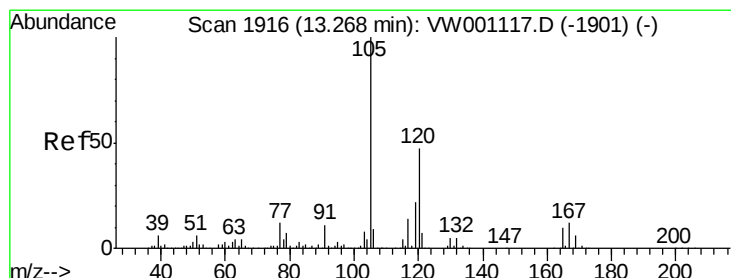
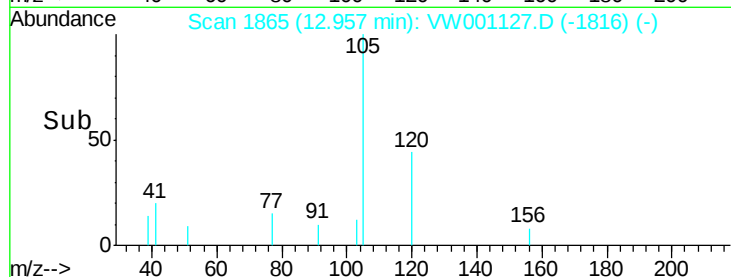
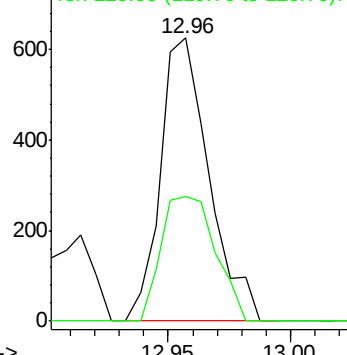
105 100

120 49.2 24.9 74.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 4.59 ug/l

RT: 13.27 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VW001127.D

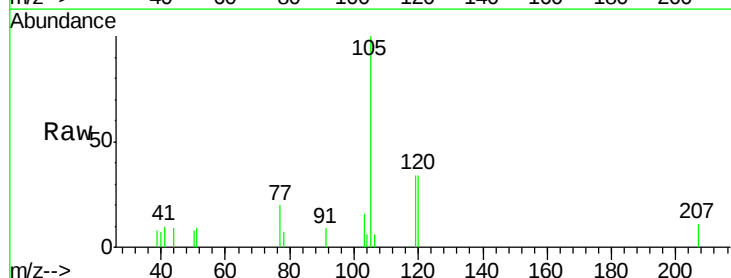
Acq: 29 Jan 2018 19:10

Tgt Ion:105 Resp: 1641

Ion Ratio Lower Upper

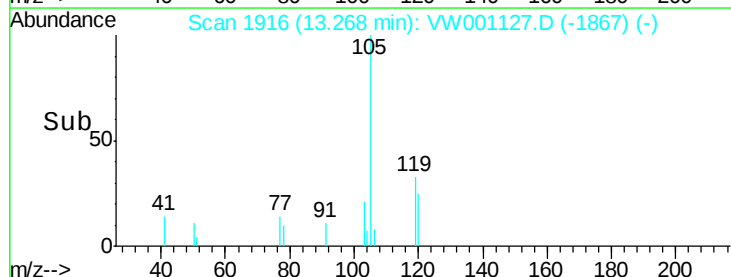
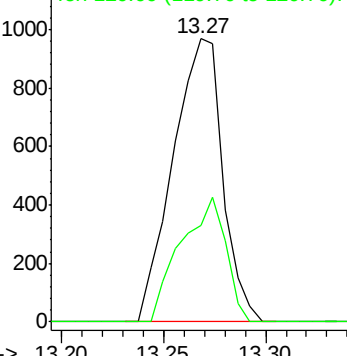
105 100

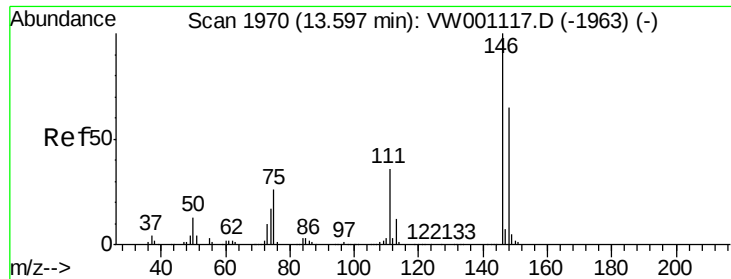
120 39.9 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#88

1,4-Dichlorobenzene

Concen: 1.03 ug/l

RT: 13.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VW001127.D

Acq: 29 Jan 2018 19:10

Instrument :

MSVOA_W

ClientSampled :

TR-05-012518

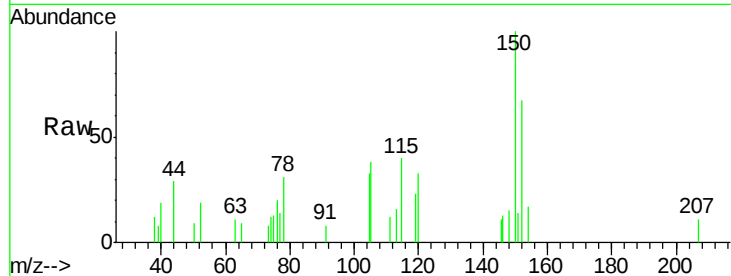
Tot Ion:146 Resp: 217

Ion Ratio Lower Upper

146 100

111 49.8 19.1 57.1

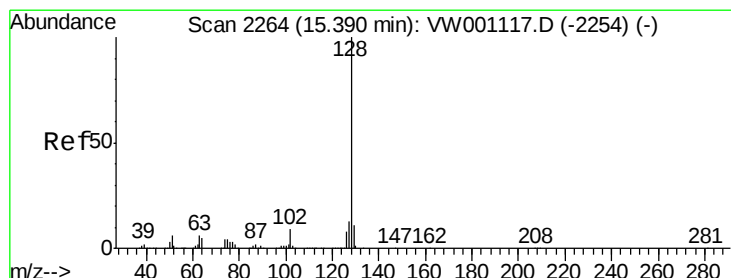
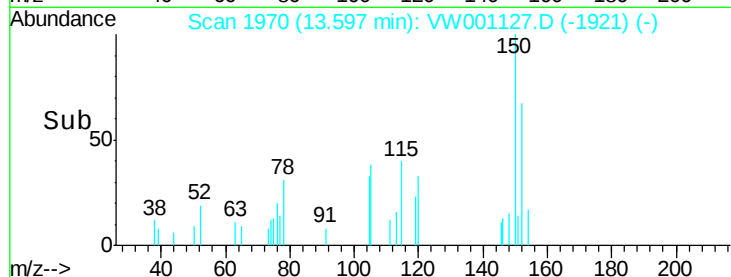
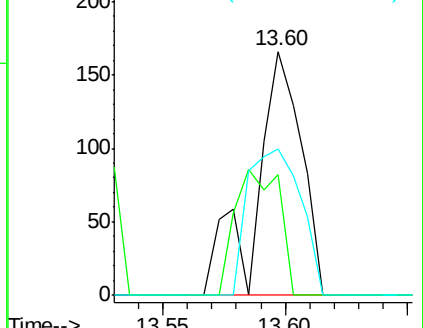
148 69.6 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#95

Naphthalene

Concen: 2.50 ug/l

RT: 15.39 min Scan# 2264

Delta R.T. -0.00 min

Lab File: VW001127.D

Acq: 29 Jan 2018 19:10

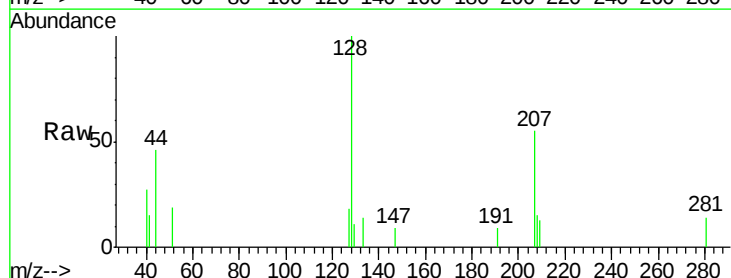
Tgt Ion:128 Resp: 700

Ion Ratio Lower Upper

128 100

127 19.1 10.7 16.1#

129 6.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

