

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082118\
 Data File : VW004855.D
 Acq On : 21 Aug 2018 21:11
 Operator : SY/AP
 Sample : J4271-11
 Misc : 6.81G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-082018-B

Quant Time: Aug 22 07:04:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	82359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	114970	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	83857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	33704	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	45844	57.57	ug/l	0.00
Spiked Amount			Recovery	=	115.14%	
35) Dibromofluoromethane	7.89	113	43242	58.85	ug/l	0.00
Spiked Amount			Recovery	=	117.70%	
50) Toluene-d8	10.33	98	105016	36.61	ug/l	0.00
Spiked Amount			Recovery	=	73.22%	
62) 4-Bromofluorobenzene	12.62	95	40739	39.48	ug/l	0.00
Spiked Amount			Recovery	=	78.96%	

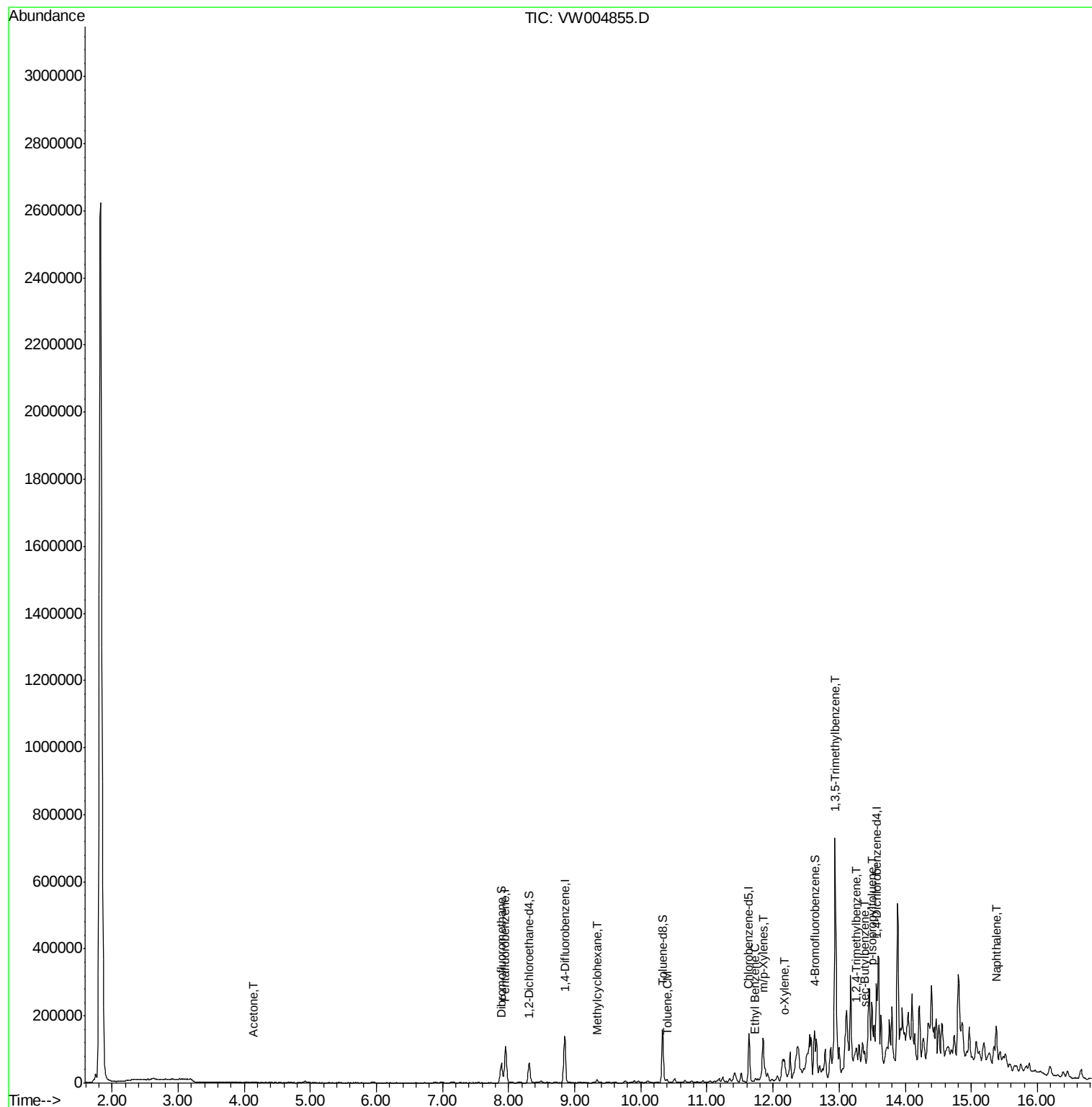
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	4093	20.14	ug/l	91
39) Methylcyclohexane	9.34	83	2504	1.69	ug/l	98
52) Toluene	10.40	92	3593	1.74	ug/l	85
67) Ethyl Benzene	11.74	91	4705	1.54	ug/l	99
68) m/p-Xylenes	11.84	106	3718	3.12	ug/l	89
69) o-Xylene	12.17	106	12175	11.05	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	101087	51.89	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	32794	16.36	ug/l	99
85) sec-Butylbenzene	13.39	105	8045	3.23	ug/l	84
86) p-Isopropyltoluene	13.51	119	15570	7.19	ug/l	96
95) Naphthalene	15.38	128	101796	71.63	ug/l	99

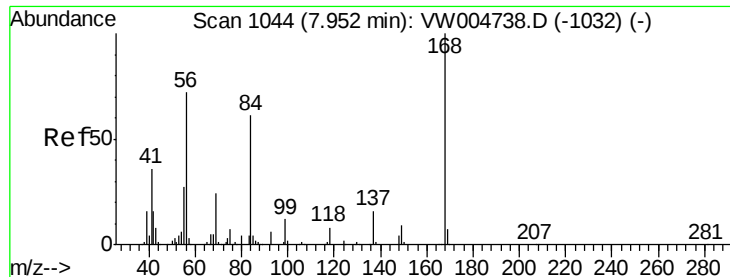
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 22 07:04:05 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:49:53 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: VW004855.D

Acq: 21 Aug 2018 21:11

Instrument :

MSVOA_W

ClientSampleId :

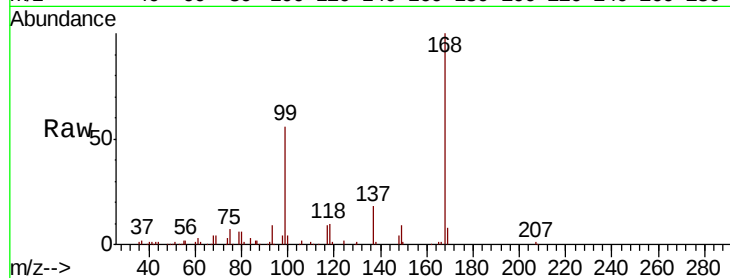
HR-06-082018-B

Tot Ion:168 Resp: 82359

Ion Ratio Lower Upper

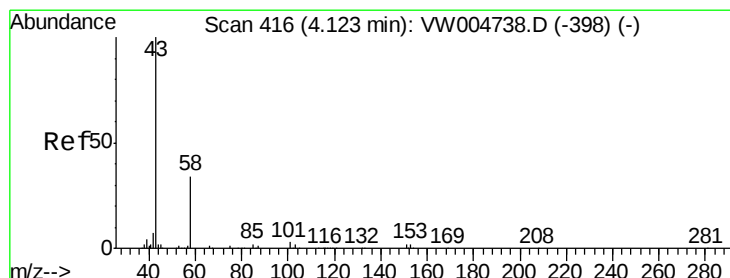
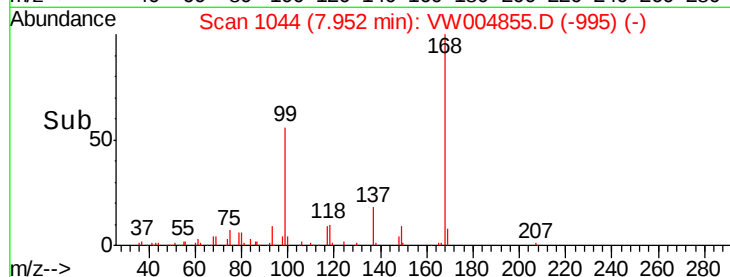
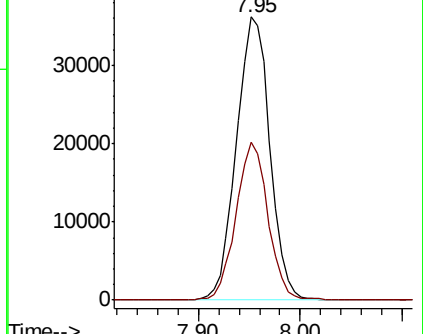
168 100

99 55.6 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 20.14 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.01 min

Lab File: VW004855.D

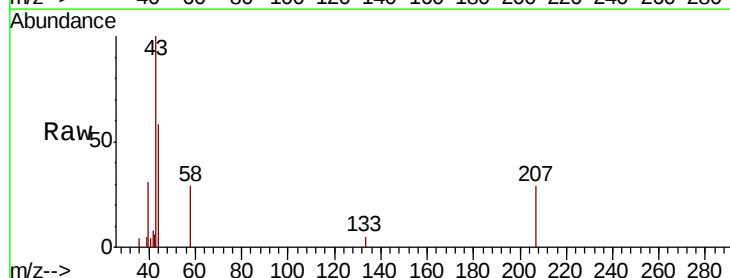
Acq: 21 Aug 2018 21:11

Tgt Ion: 43 Resp: 4093

Ion Ratio Lower Upper

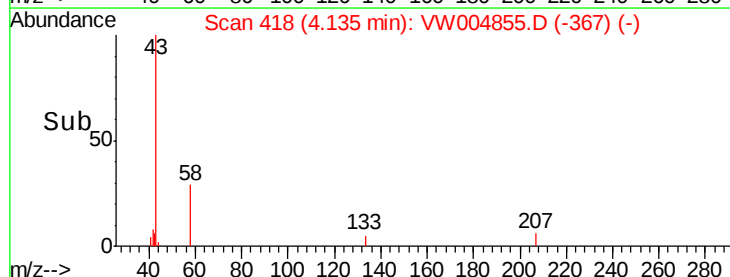
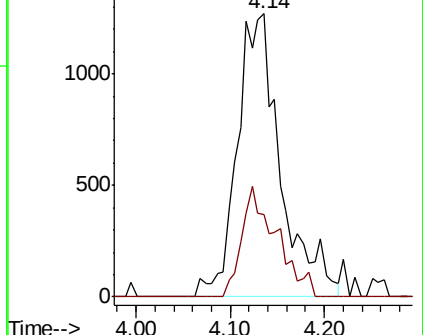
43 100

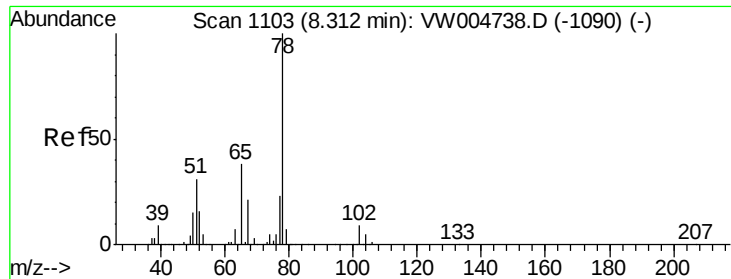
58 29.0 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

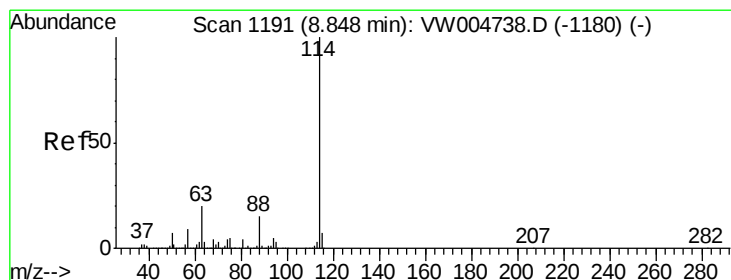
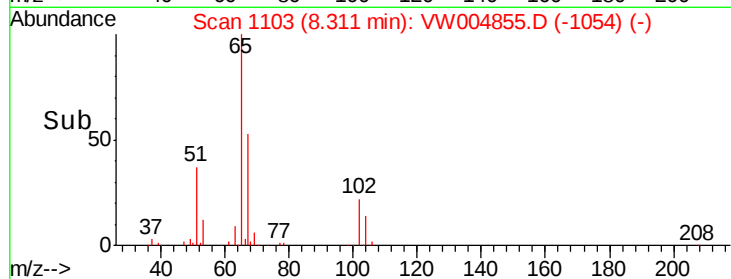
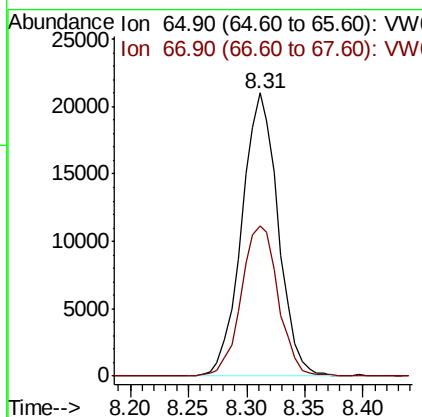
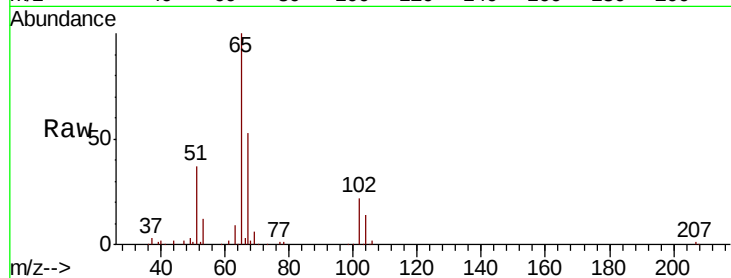




#33
 1,2-Dichloroethane-d4
 Concen: 57.57 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004855.D
 Acq: 21 Aug 2018 21:11

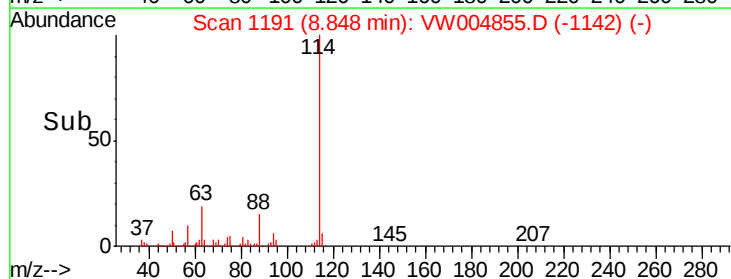
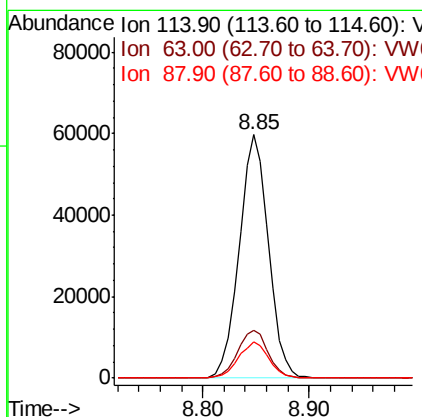
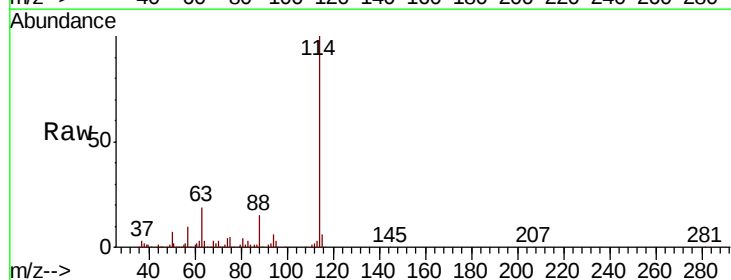
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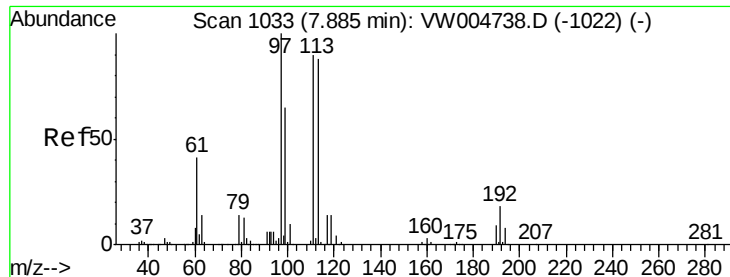
Tot Ion: 65 Resp: 45844
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004855.D
 Acq: 21 Aug 2018 21:11

Tgt Ion: 114 Resp: 114970
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 14.8 0.0 30.0

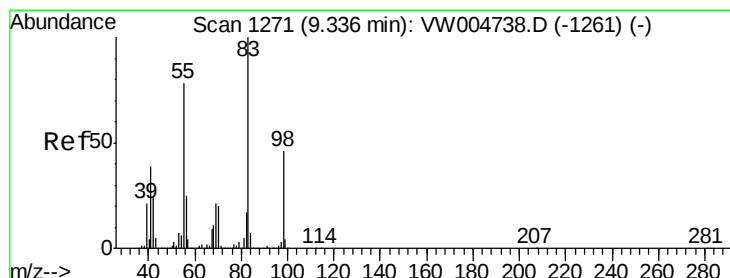
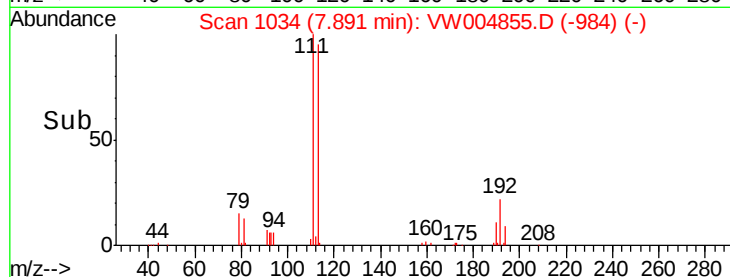
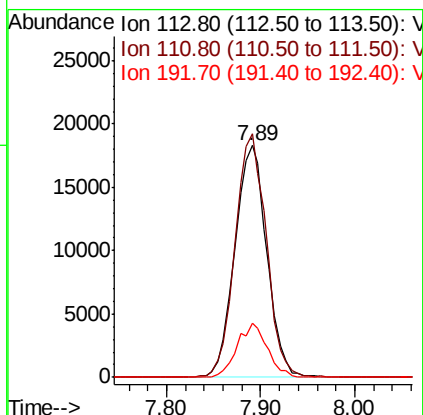
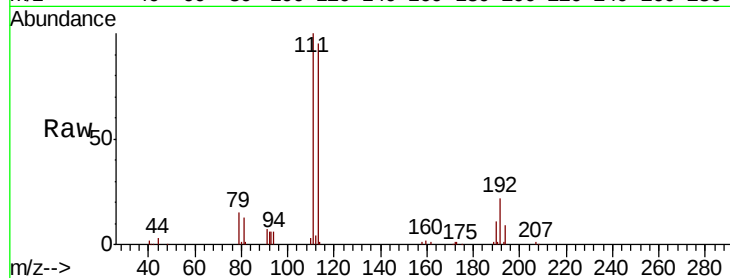




#35
 Dibromofluoromethane
 Concen: 58.85 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004855.D
 Acq: 21 Aug 2018 21:11

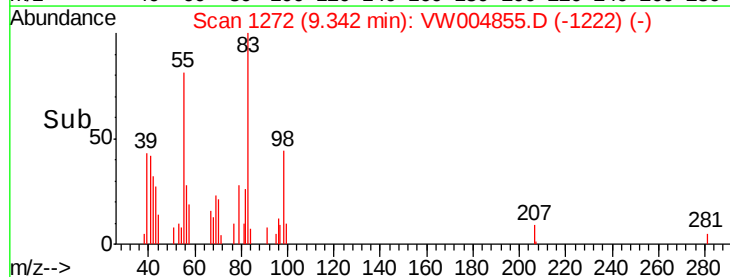
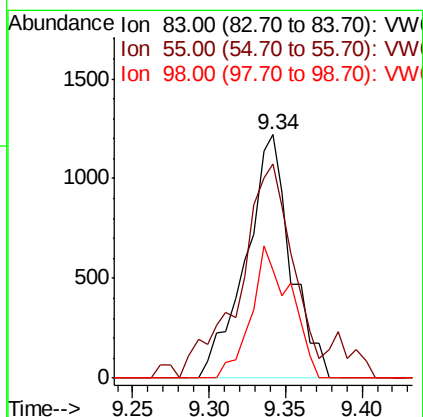
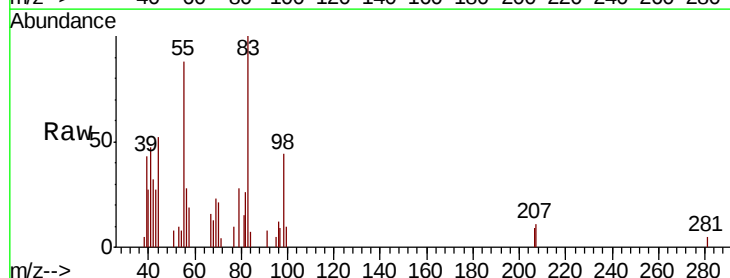
Instrument :
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 ClientSampleId :
 HR-06-082018-B

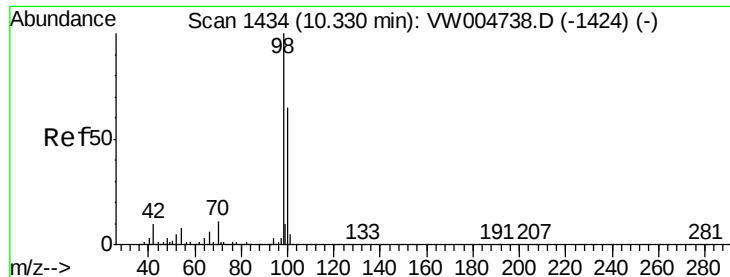
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.4	123.6
192	21.9	16.7	25.1



#39
 Methylcyclohexane
 Concen: 1.69 ug/l
 RT: 9.34 min Scan# 1272
 Delta R.T. 0.01 min
 Lab File: VW004855.D
 Acq: 21 Aug 2018 21:11

Tgt Ion	Ratio	Lower	Upper
83	100		
55	79.1	62.4	93.6
98	44.1	36.5	54.7





#50

Toluene-d8

Concen: 36.61 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004855.D

Acq: 21 Aug 2018 21:11

Instrument :

MSVOA_W

ClientSampleId :

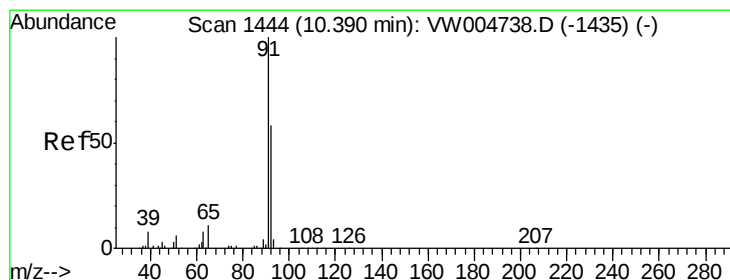
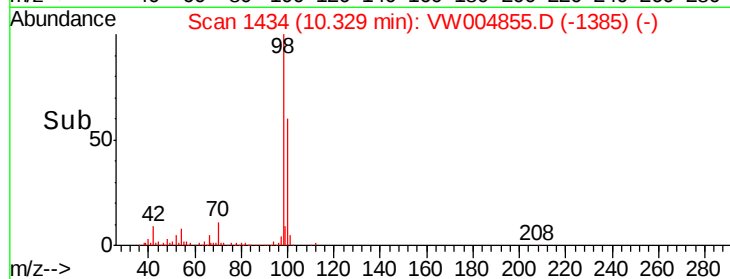
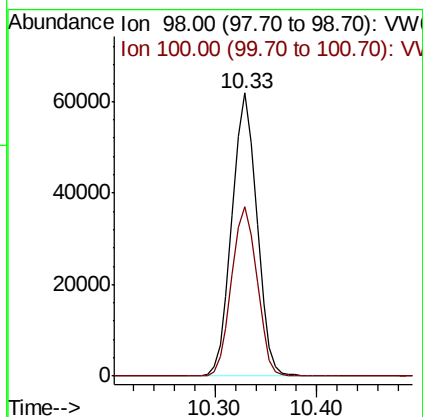
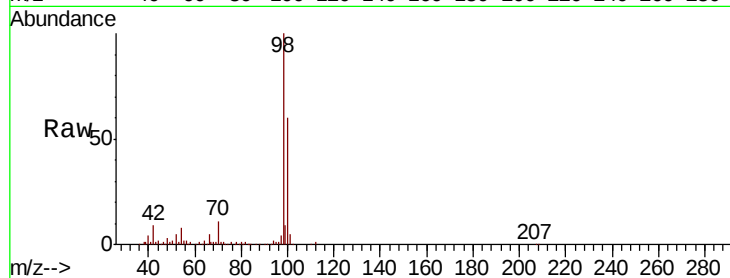
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Tot Ion: 98 Resp: 105016

Ion Ratio Lower Upper

98 100

100 60.7 51.8 77.8



#52

Toluene

Concen: 1.74 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. 0.01 min

Lab File: VW004855.D

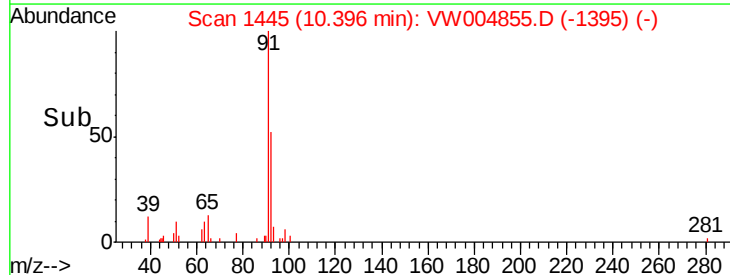
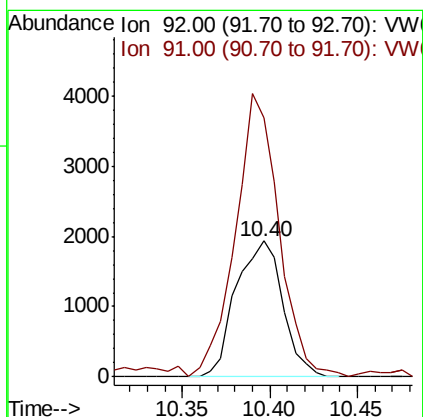
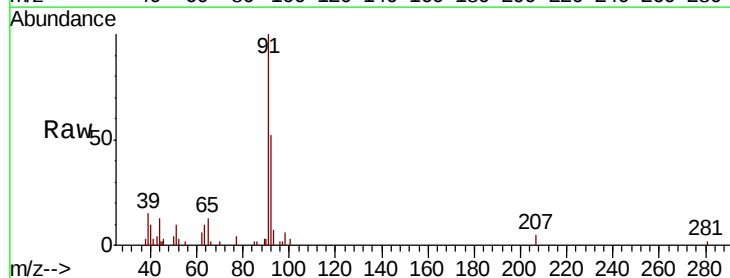
Acq: 21 Aug 2018 21:11

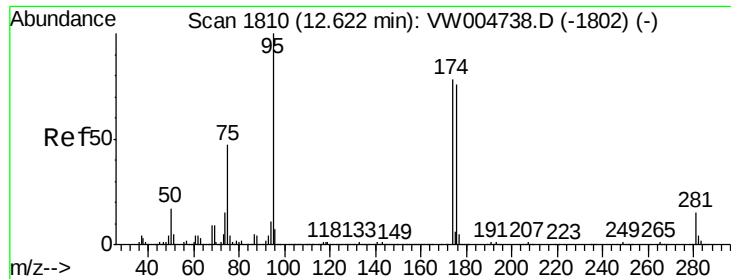
Tgt Ion: 92 Resp: 3593

Ion Ratio Lower Upper

92 100

91 193.8 138.3 207.5

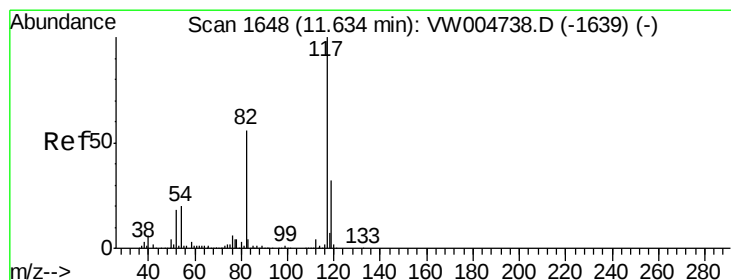
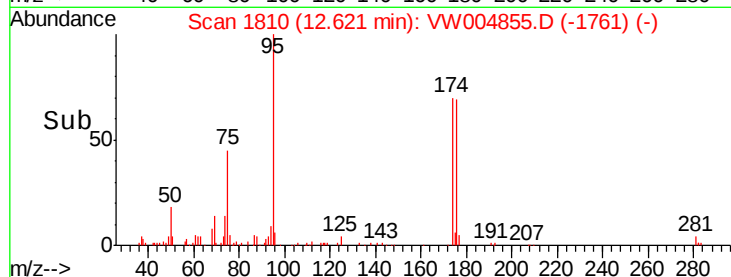
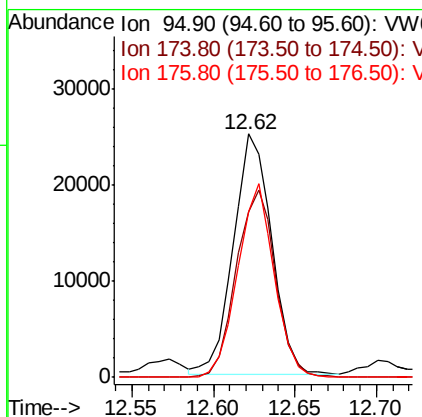
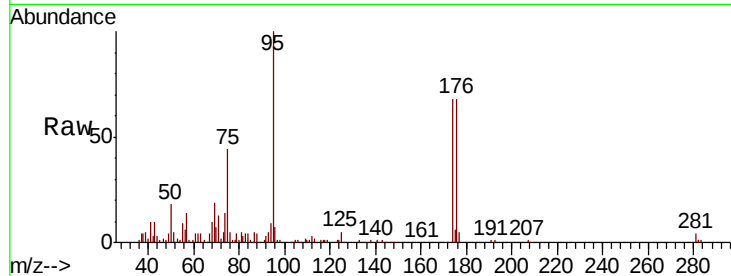




#62
4-Bromofluorobenzene
Concen: 39.48 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW004855.D
Acq: 21 Aug 2018 21:11

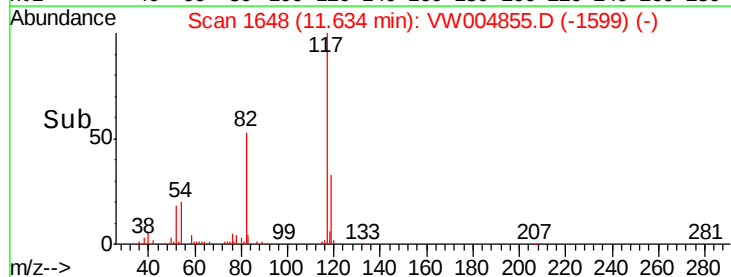
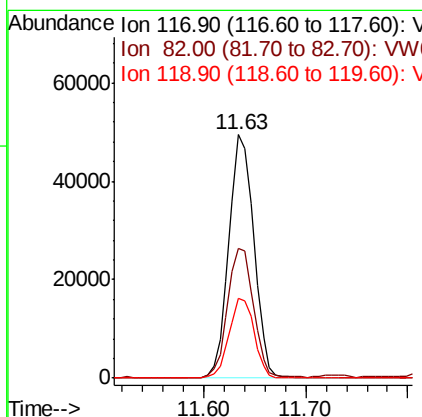
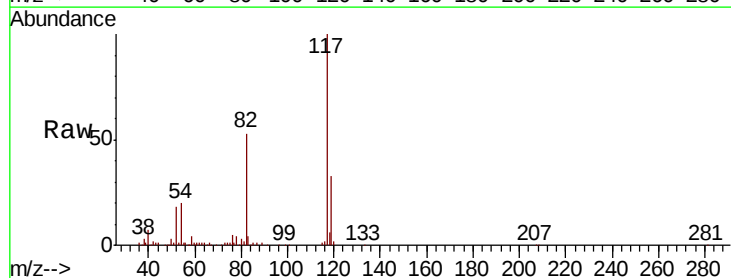
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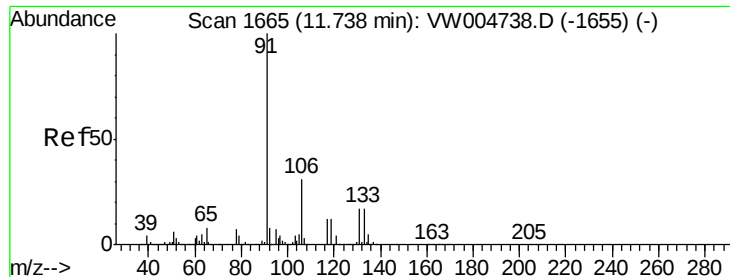
Tot Ion: 95 Resp: 40739
Ion Ratio Lower Upper
95 100
174 79.9 0.0 165.8
176 76.9 0.0 159.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004855.D
Acq: 21 Aug 2018 21:11

Tgt Ion: 117 Resp: 83857
Ion Ratio Lower Upper
117 100
82 53.0 44.6 67.0
119 33.0 25.6 38.4

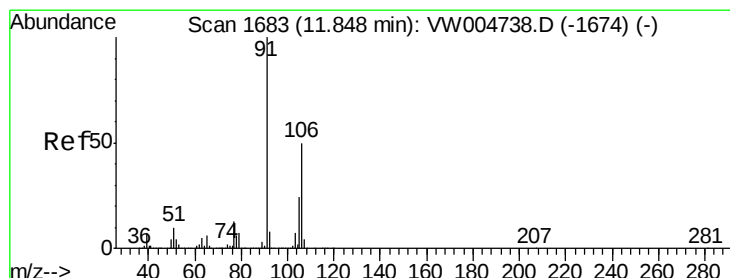
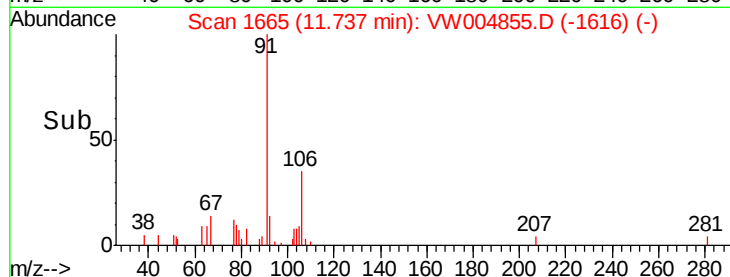
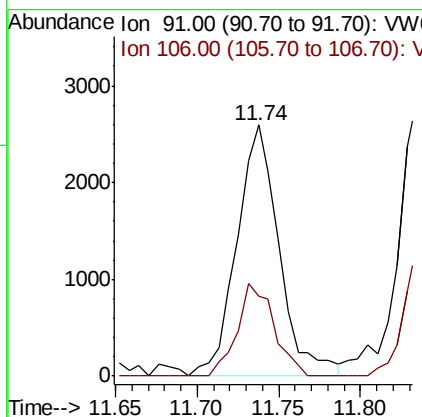
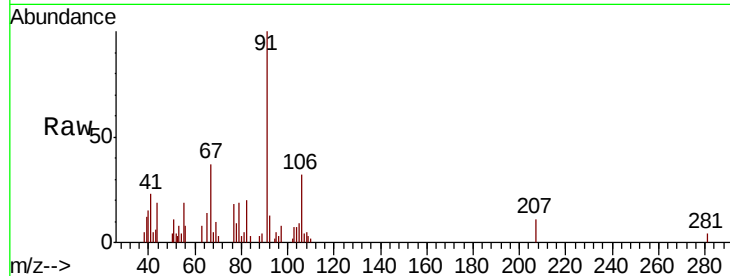




#67
Ethyl Benzene
Concen: 1.54 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004855.D
Acq: 21 Aug 2018 21:11

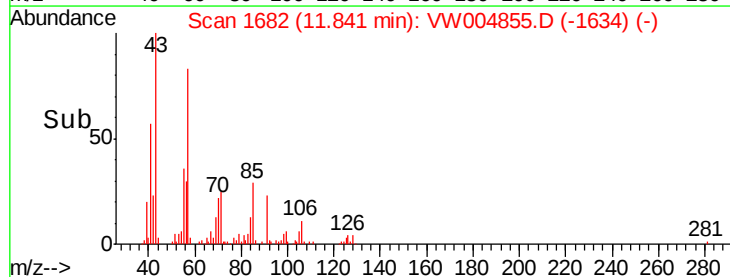
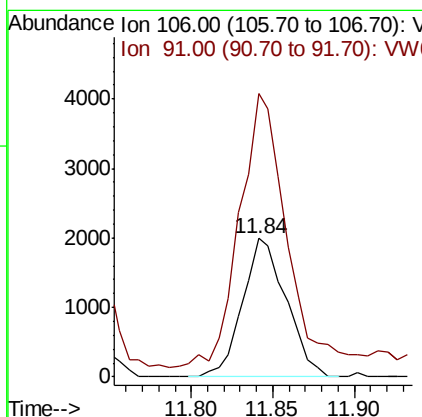
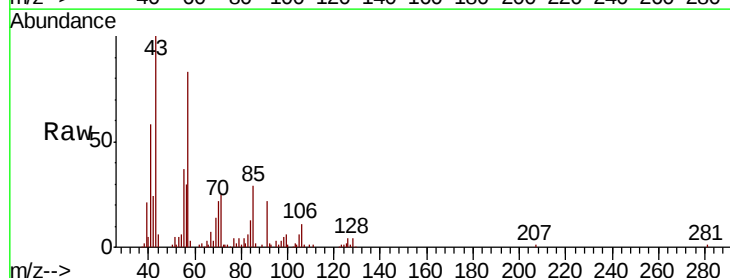
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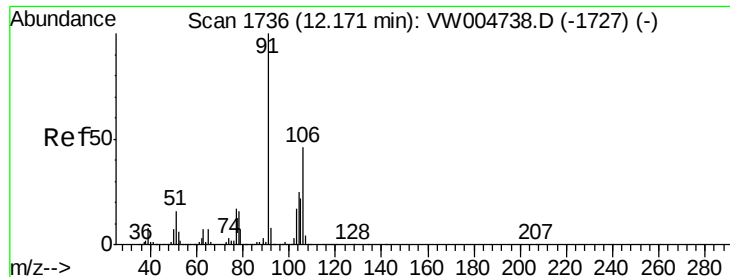
Tot Ion: 91 Resp: 4705
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3



#68
m/p-Xylenes
Concen: 3.12 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW004855.D
Acq: 21 Aug 2018 21:11

Tgt Ion: 106 Resp: 3718
Ion Ratio Lower Upper
106 100
91 215.8 159.9 239.9

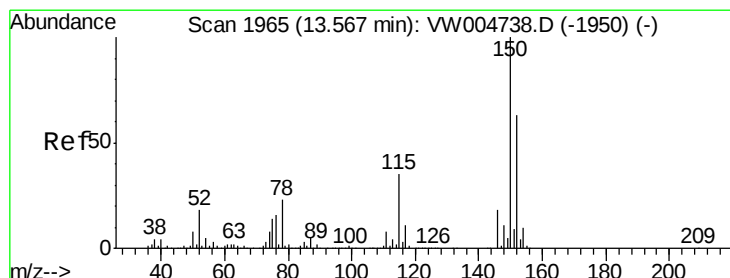
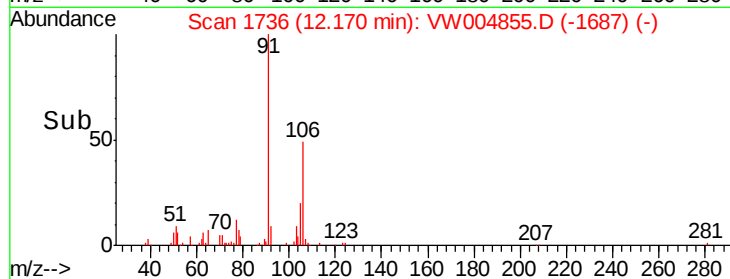
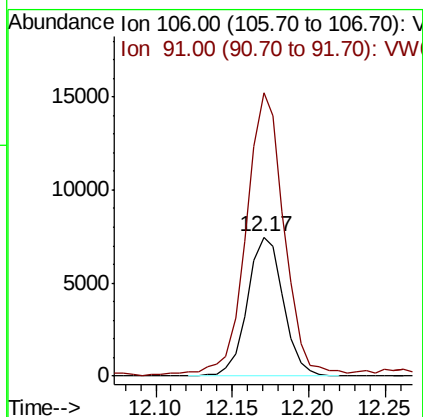
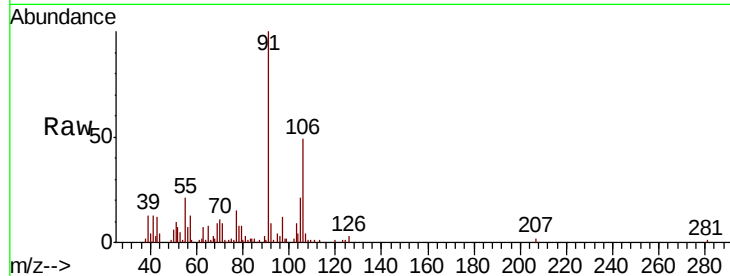




#69
o-Xylene
Concen: 11.05 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004855.D
Acq: 21 Aug 2018 21:11

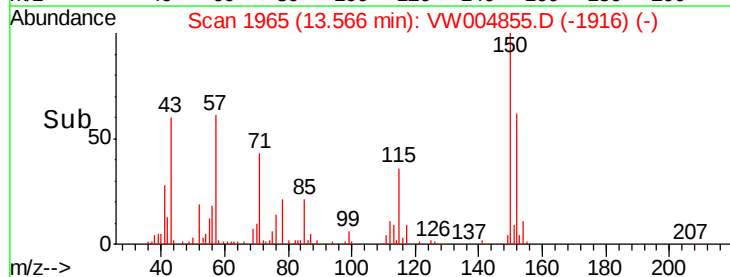
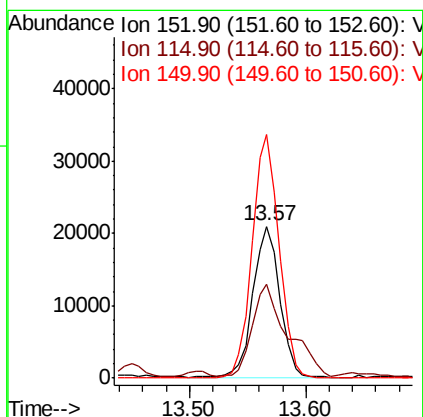
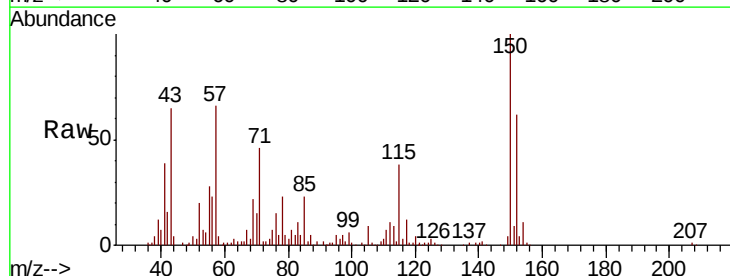
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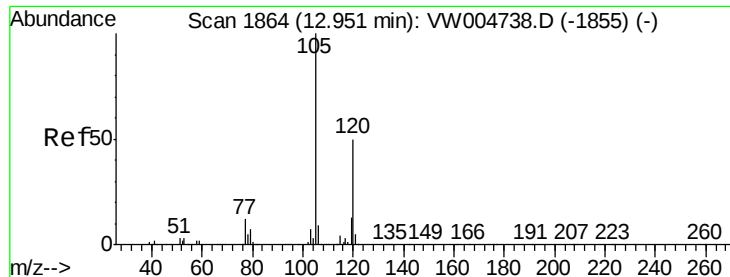
Tot Ion:106 Resp: 12175
Ion Ratio Lower Upper
106 100
91 217.9 107.3 321.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004855.D
Acq: 21 Aug 2018 21:11

Tgt Ion:152 Resp: 33704
Ion Ratio Lower Upper
152 100
115 78.9 28.5 85.5
150 160.5 0.0 344.8

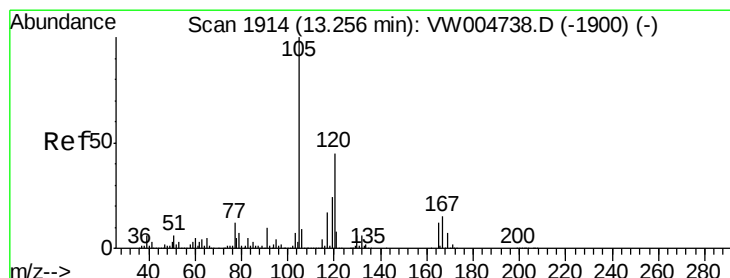
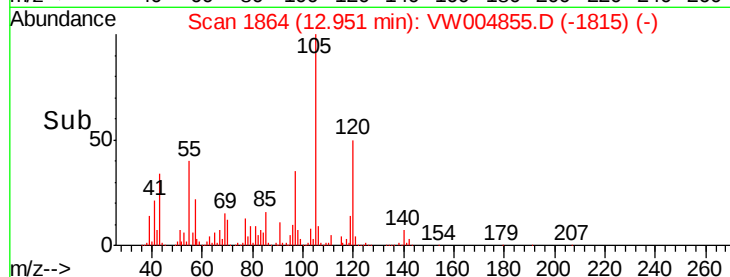
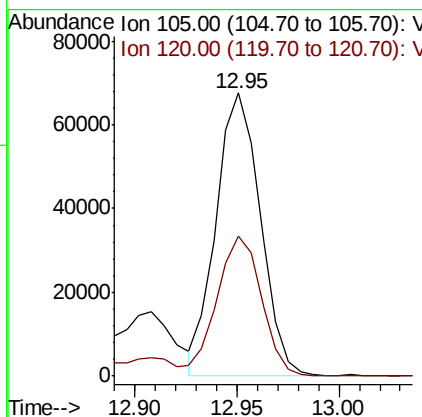
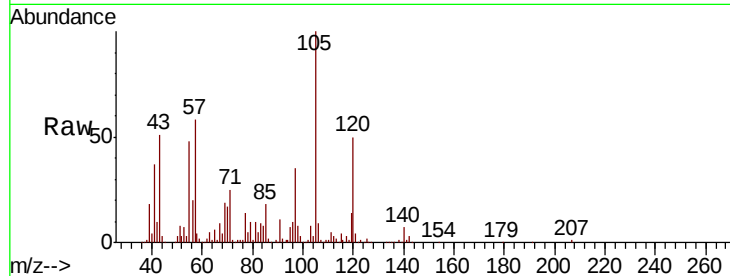




#80
 1,3,5-Trimethylbenzene
 Concen: 51.89 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VW004855.D
 Acq: 21 Aug 2018 21:11

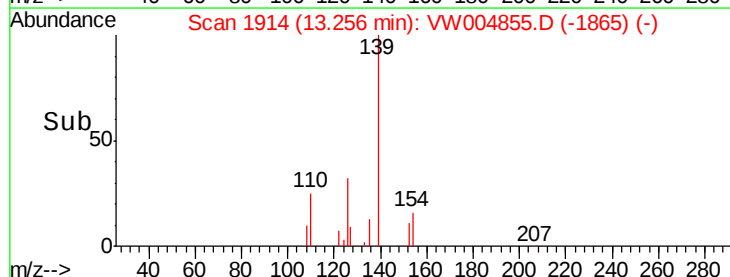
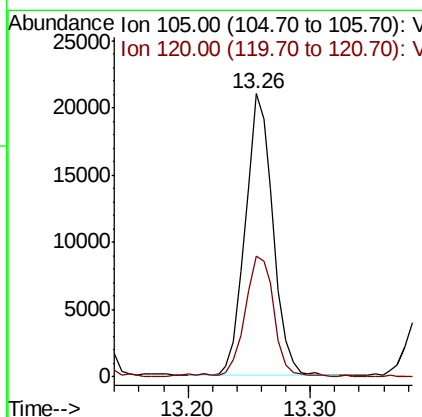
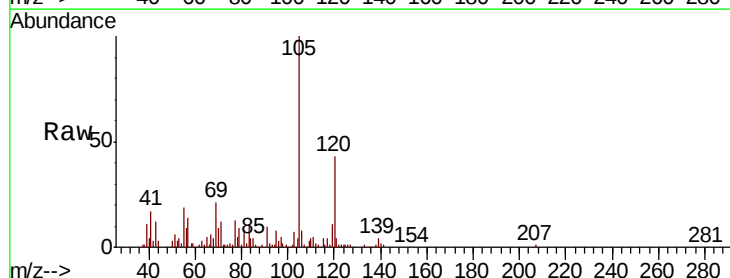
Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-082018-B

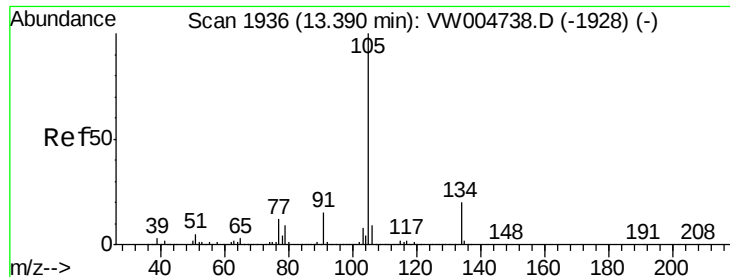
Tot Ion:105 Resp: 101087
 Ion Ratio Lower Upper
 105 100
 120 50.5 24.7 74.1



#84
 1,2,4-Trimethylbenzene
 Concen: 16.36 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW004855.D
 Acq: 21 Aug 2018 21:11

Tgt Ion:105 Resp: 32794
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.8 68.3

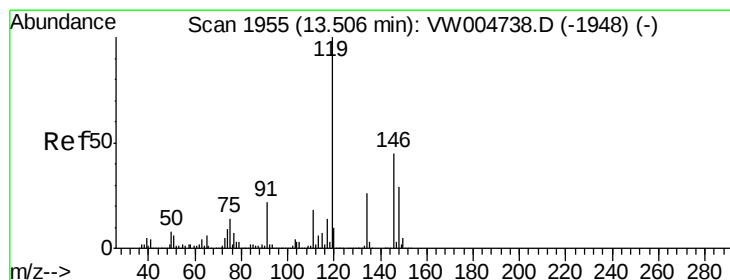
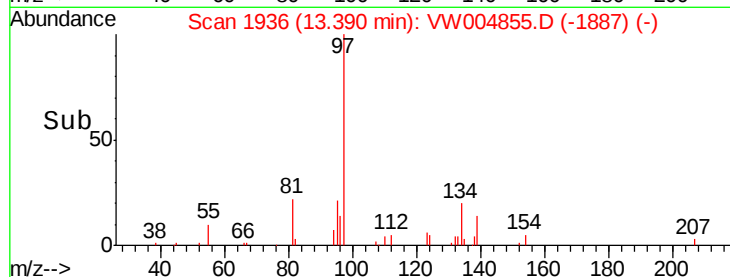
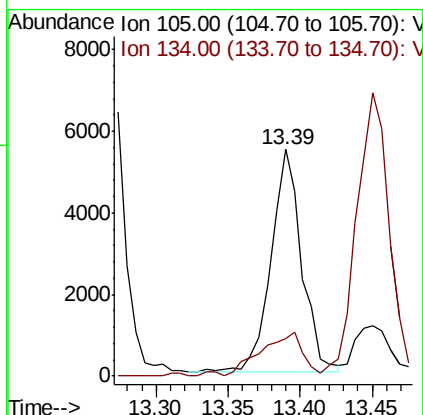
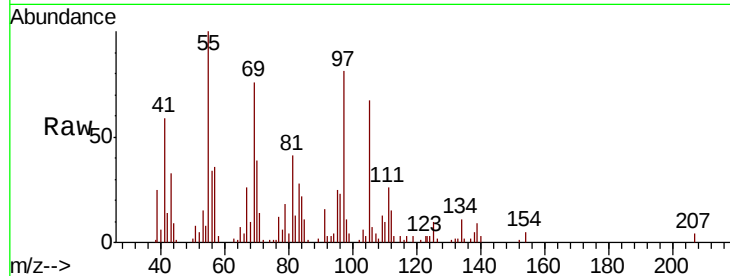




#85
 sec-Butylbenzene
 Concen: 3.23 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW004855.D
 Acq: 21 Aug 2018 21:11

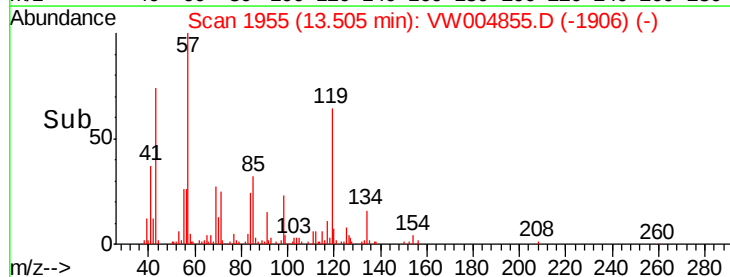
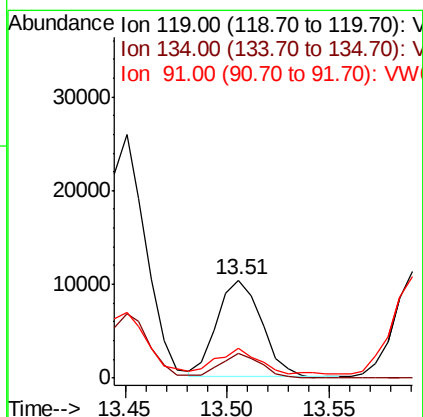
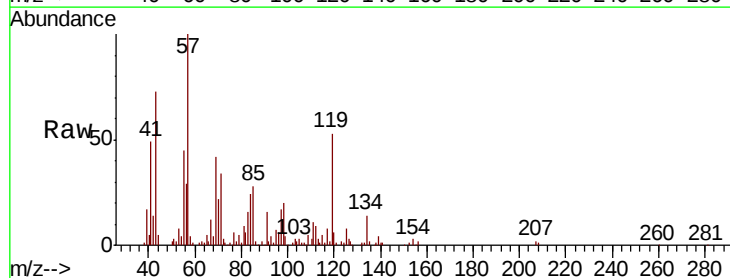
Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-082018-B

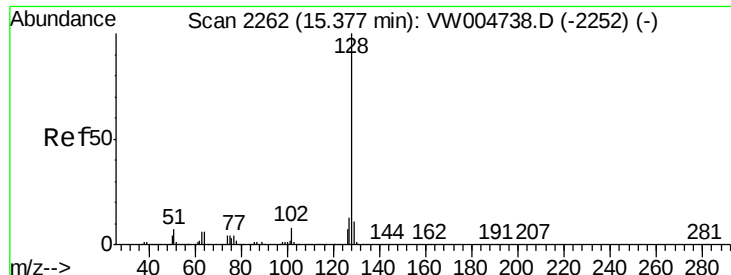
Tot Ion:105 Resp: 8045
 Ion Ratio Lower Upper
 105 100
 134 27.0 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 7.19 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004855.D
 Acq: 21 Aug 2018 21:11

Tgt Ion:119 Resp: 15570
 Ion Ratio Lower Upper
 119 100
 134 24.0 13.1 39.3
 91 24.3 11.2 33.5





#95

Naphthalene

Concen: 71.63 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004855.D

Acq: 21 Aug 2018 21:11

Instrument :

MSVOA_W

ClientSampleId :

HR-06-082018-B

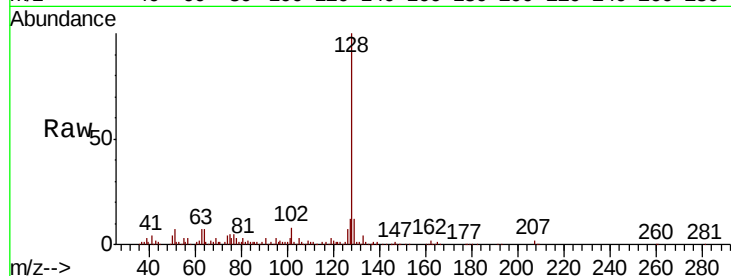
Tot Ion:128 Resp: 101796

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 11.1 8.6 13.0



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

