

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100418\
 Data File : VW005847.D
 Acq On : 04 Oct 2018 10:04
 Operator : SY/AP
 Sample : J5194-01RE
 Misc : 6.49G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-100218-ARE

Quant Time: Oct 04 15:05:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 04 07:08:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	164846	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	248148	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	46382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	64336	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	86995	43.50	ug/l	0.00
Spiked Amount			Recovery	=	87.00%	
35) Dibromofluoromethane	7.89	113	72302	44.45	ug/l	0.00
Spiked Amount			Recovery	=	88.90%	
50) Toluene-d8	10.33	98	31488	4.88	ug/l	0.00
Spiked Amount			Recovery	=	9.76%	
62) 4-Bromofluorobenzene	12.62	95	45915	19.24	ug/l	0.00
Spiked Amount			Recovery	=	38.48%	

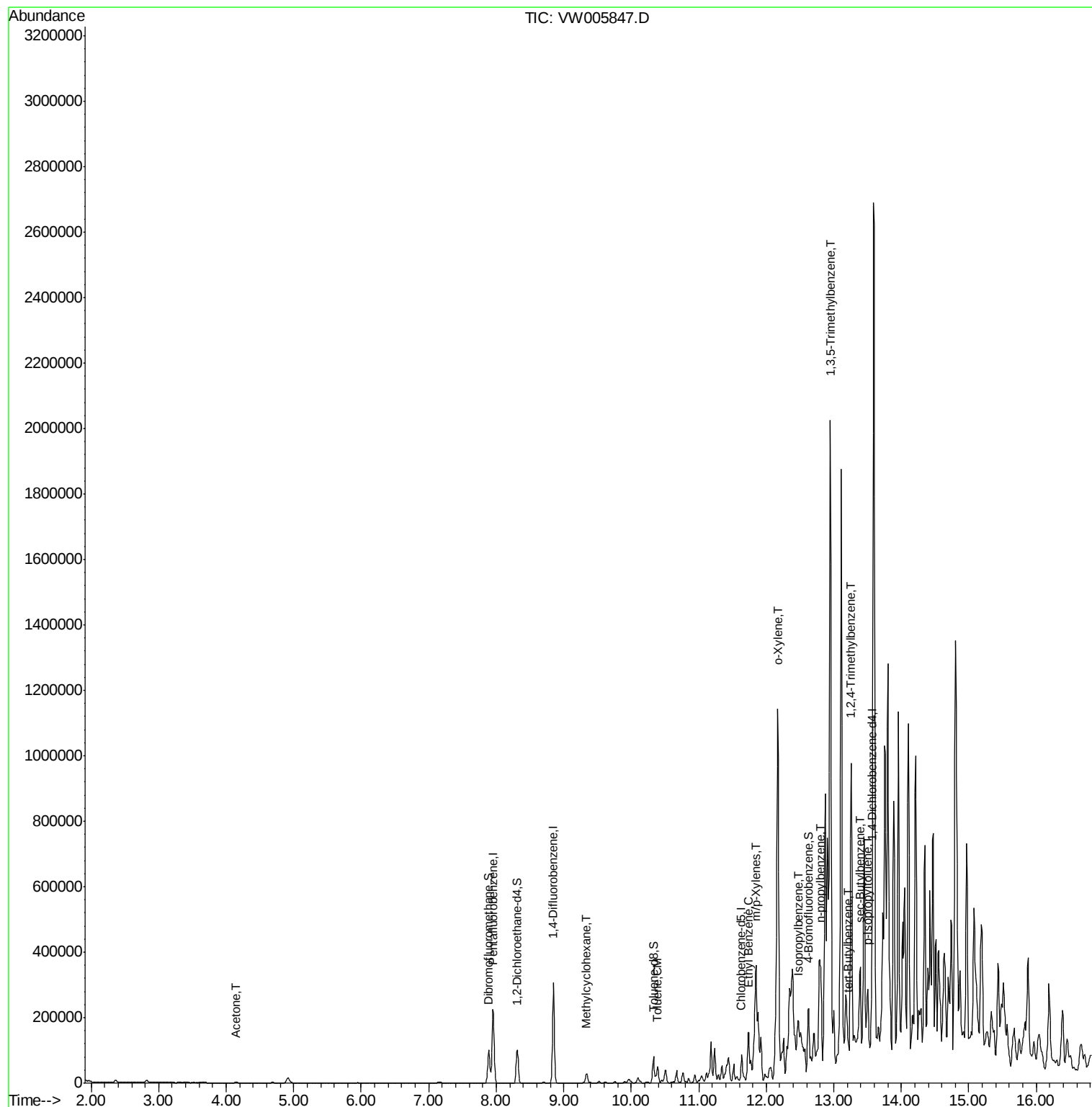
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	4459	13.360	ug/l	97
39) Methylcyclohexane	9.34	83	10474	3.772	ug/l	94
52) Toluene	10.40	92	20608	4.523	ug/l	97
67) Ethyl Benzene	11.74	91	84015	48.380	ug/l	100
68) m/p-Xylenes	11.85	106	73533	109.889	ug/l	100
69) o-Xylene	12.17	106	269561	433.395	ug/l	96
73) Isopropylbenzene	12.47	105	57629	13.019	ug/l	100
78) n-propylbenzene	12.81	91	175565	33.345	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	838359	218.086	ug/l	100
83) tert-Butylbenzene	13.21	119	12585	3.926	ug/l	90
84) 1,2,4-Trimethylbenzene	13.26	105	485946	123.115	ug/l	99
85) sec-Butylbenzene	13.39	105	137198	29.647	ug/l	85
86) p-Isopropyltoluene	13.51	119	96225	23.165	ug/l	98

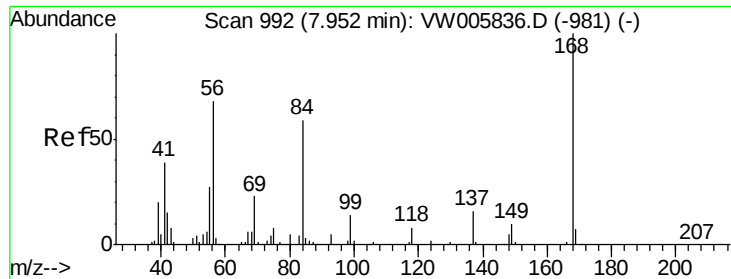
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 04 07:08:57 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW005847.D

Acq: 04 Oct 2018 10:04

Instrument :

MSVOA_W

ClientSampleId :

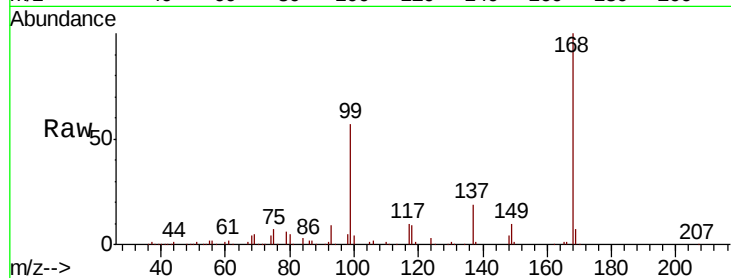
HR-06-100218-ARE

Tot Ion:168 Resp: 164846

Ion Ratio Lower Upper

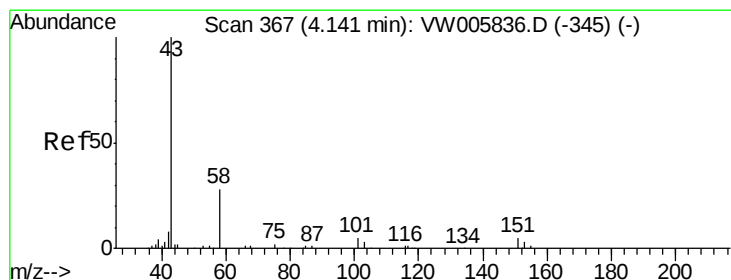
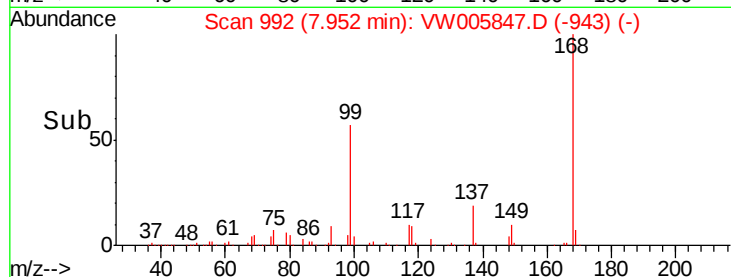
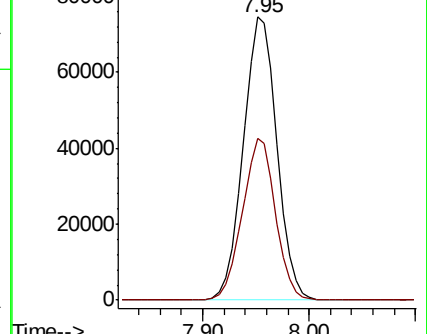
168 100

99 57.1 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 13.360 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW005847.D

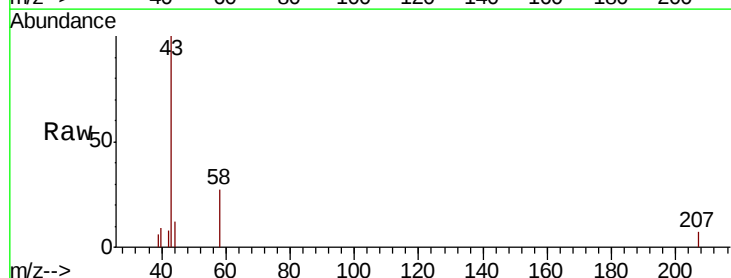
Acq: 04 Oct 2018 10:04

Tgt Ion: 43 Resp: 4459

Ion Ratio Lower Upper

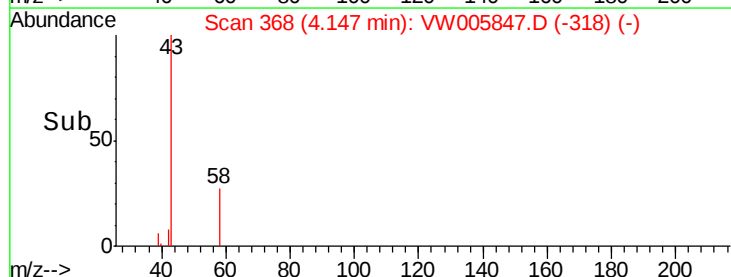
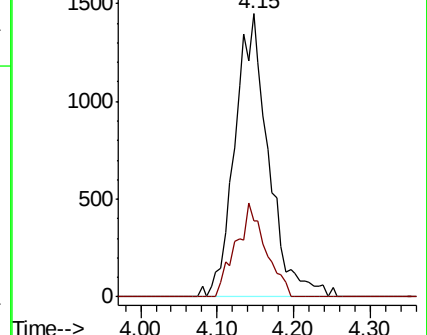
43 100

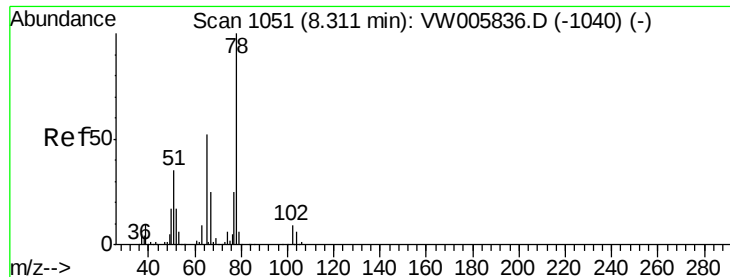
58 26.9 23.0 34.4



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: 43.501 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005847.D

Acq: 04 Oct 2018 10:04

Instrument :

MSVOA_W

ClientSampleId :

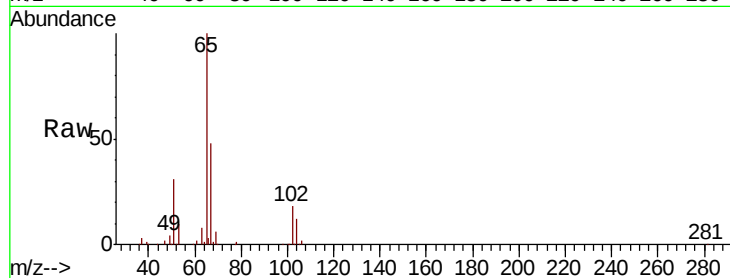
HR-06-100218-ARE

Tot Ion: 65 Resp: 86995

Ion Ratio Lower Upper

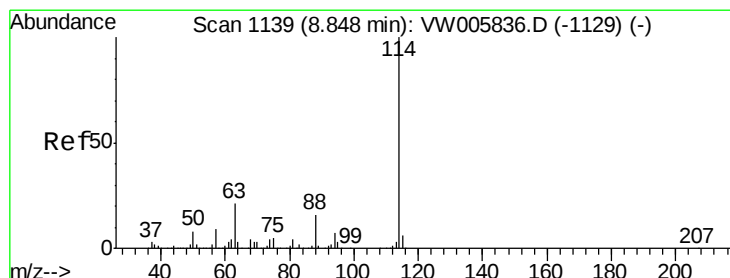
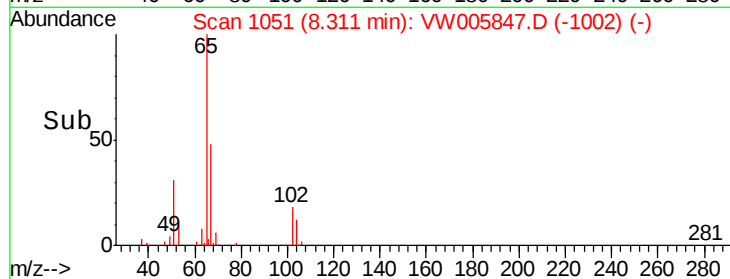
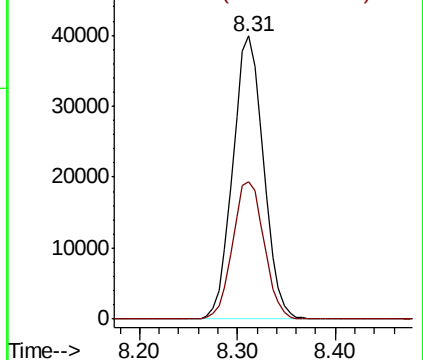
65 100

67 49.8 0.0 98.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW005847.D

Acq: 04 Oct 2018 10:04

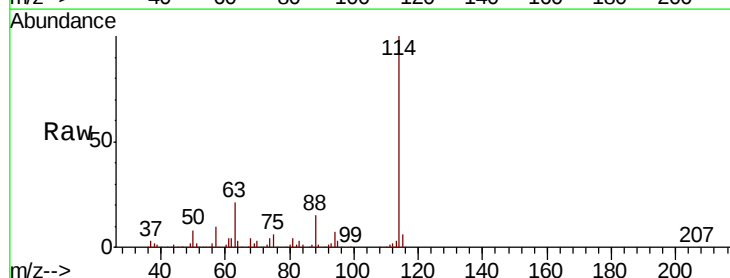
Tgt Ion: 114 Resp: 248148

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.0

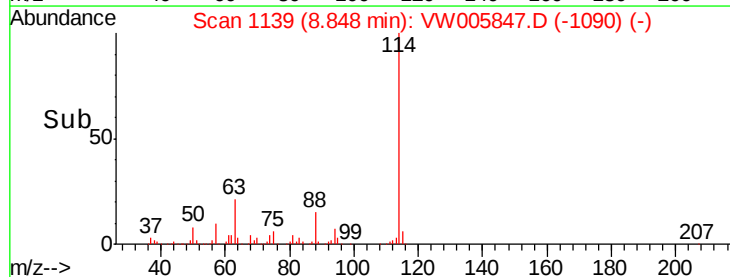
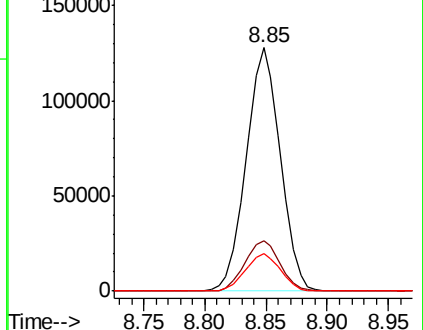
88 15.3 0.0 31.2

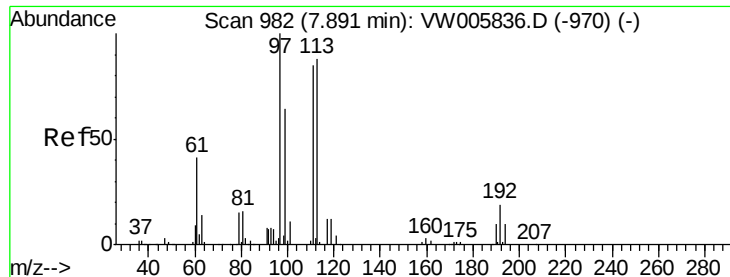


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

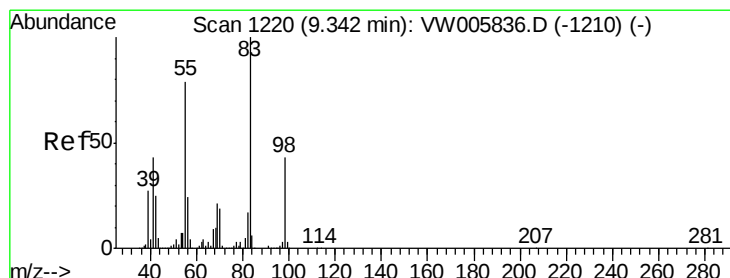
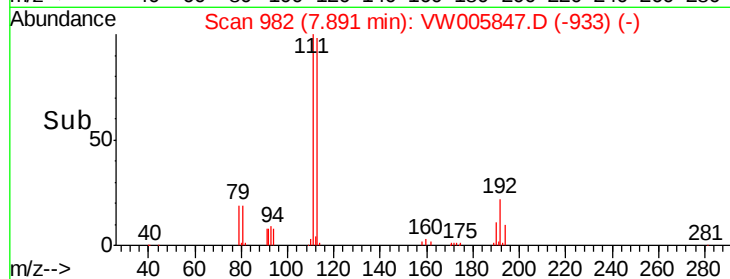
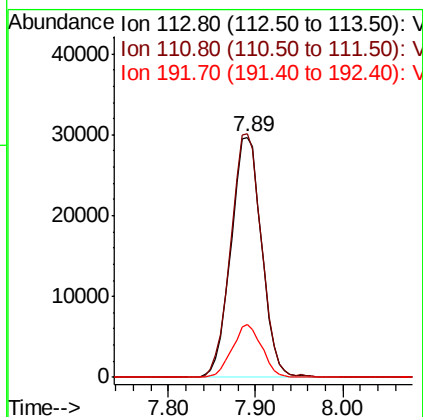
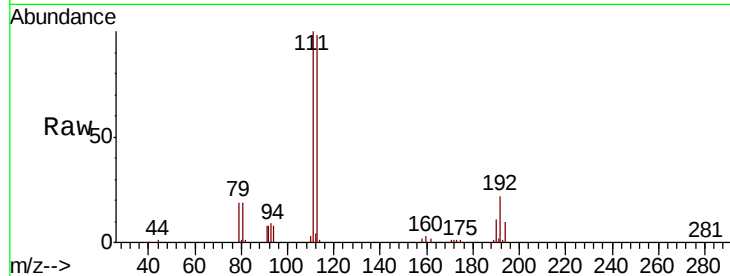




#35
 Dibromofluoromethane
 Concen: 44.453 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005847.D
 Acq: 04 Oct 2018 10:04

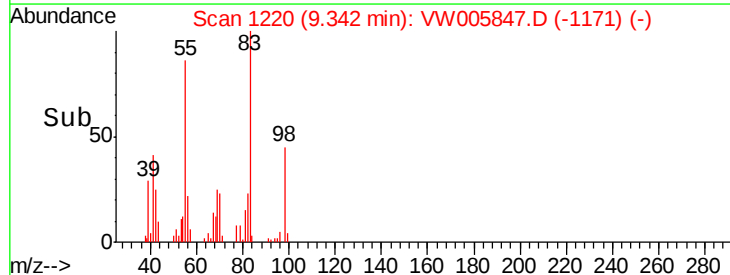
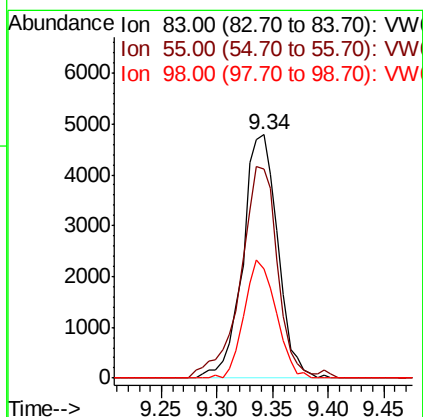
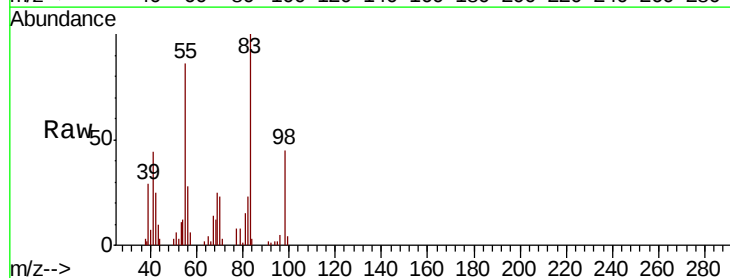
Instrument :
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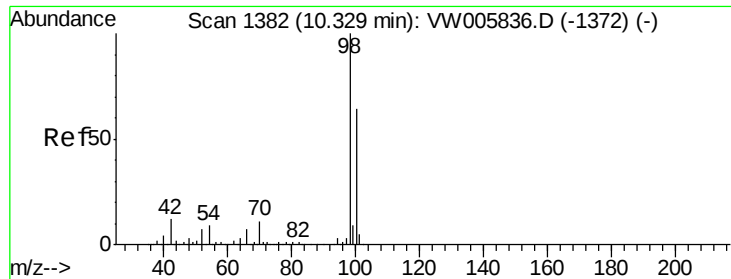
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.4	122.2
192	21.3	17.3	25.9



#39
 Methylcyclohexane
 Concen: 3.772 ug/l
 RT: 9.34 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: VW005847.D
 Acq: 04 Oct 2018 10:04

Tgt Ion	Ratio	Lower	Upper
83	100		
55	85.9	63.0	94.4
98	44.8	34.5	51.7

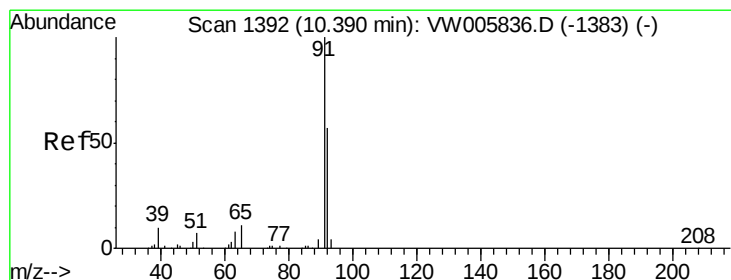
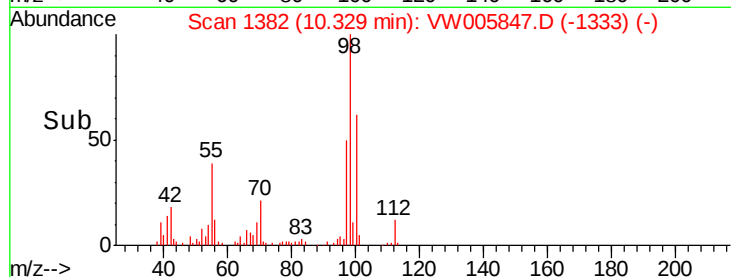
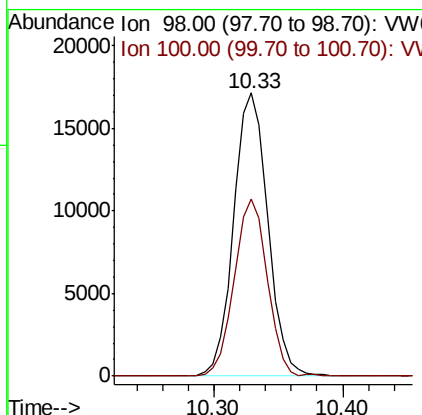
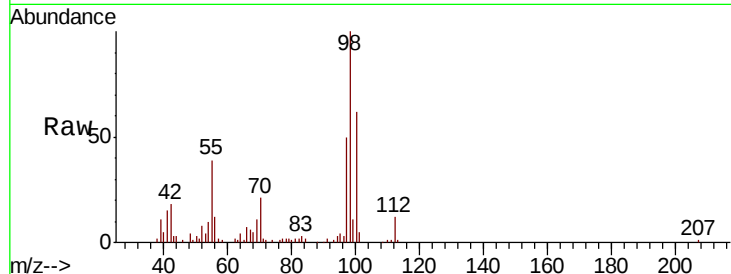




#50
Toluene-d8
Concen: 4.876 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW005847.D
Acq: 04 Oct 2018 10:04

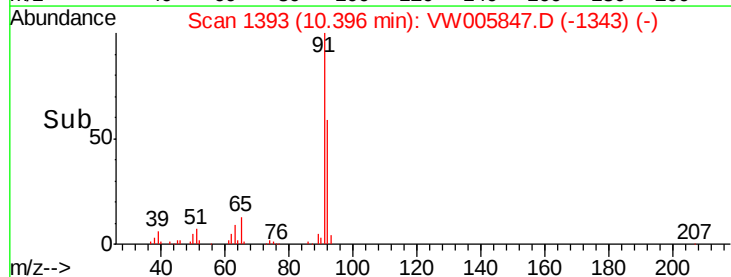
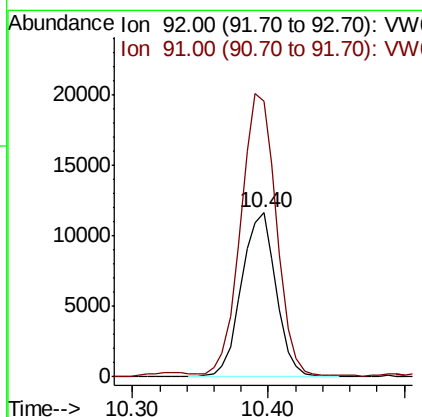
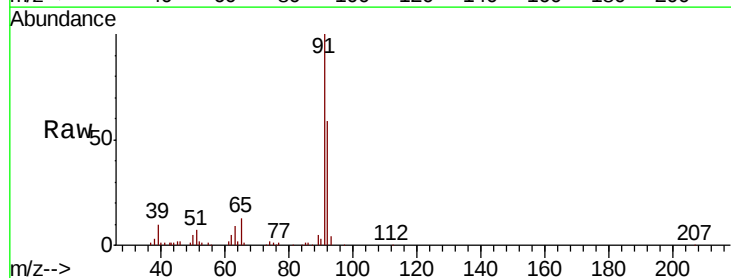
Instrument :
MSVOA_W
ClientSampleId :
HR-06-100218-ARE

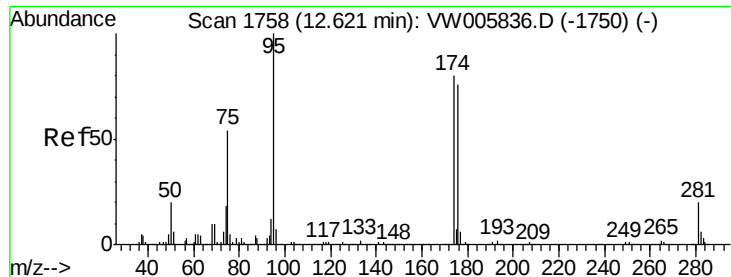
Tot Ion: 98 Resp: 31488
Ion Ratio Lower Upper
98 100
100 60.4 51.7 77.5



#52
Toluene
Concen: 4.523 ug/l
RT: 10.40 min Scan# 1393
Delta R.T. 0.01 min
Lab File: VW005847.D
Acq: 04 Oct 2018 10:04

Tgt Ion: 92 Resp: 20608
Ion Ratio Lower Upper
92 100
91 177.5 139.0 208.4

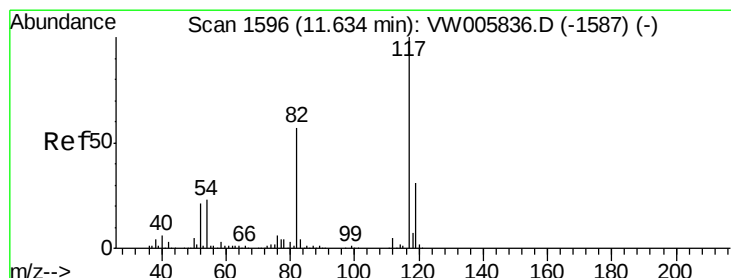
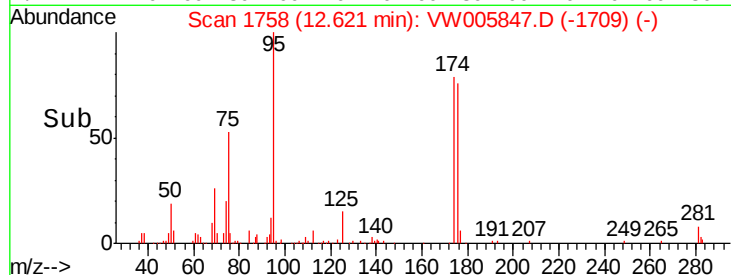
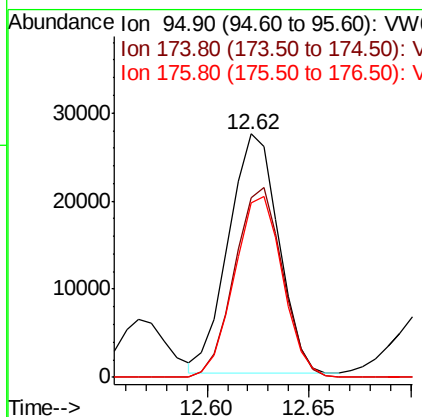
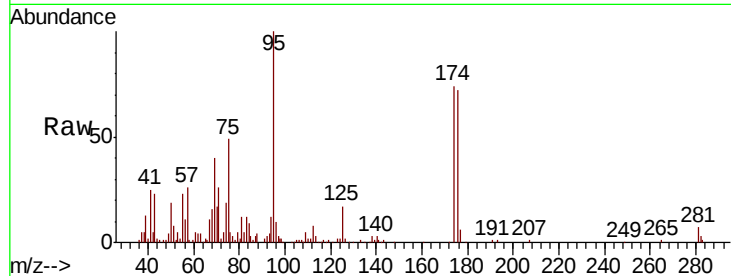




#62
4-Bromofluorobenzene
Concen: 19.238 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW005847.D
Acq: 04 Oct 2018 10:04

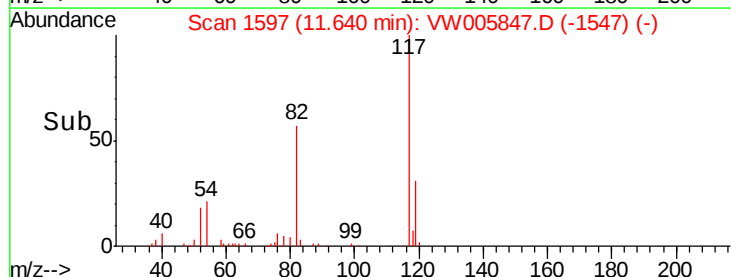
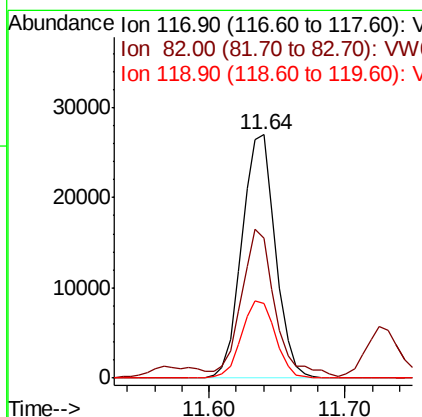
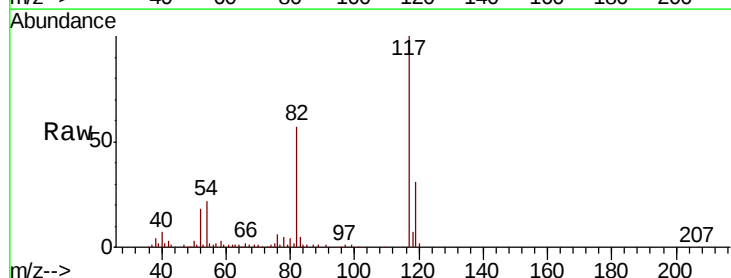
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ClientSampleId :
HR-06-100218-ARE

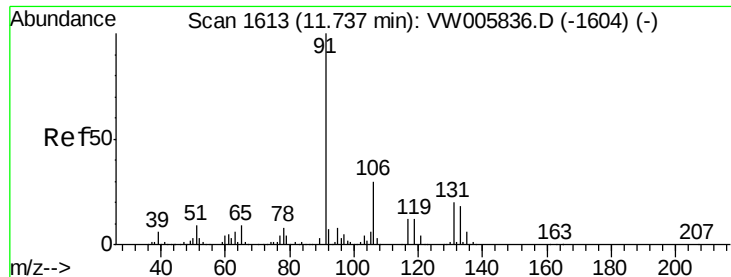
Tot Ion: 95 Resp: 45915
Ion Ratio Lower Upper
95 100
174 77.0 0.0 169.0
176 73.7 0.0 164.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW005847.D
Acq: 04 Oct 2018 10:04

Tgt Ion: 117 Resp: 46382
Ion Ratio Lower Upper
117 100
82 56.4 45.6 68.4
119 30.9 25.0 37.6

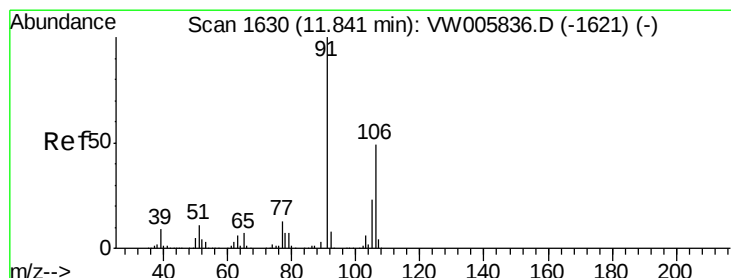
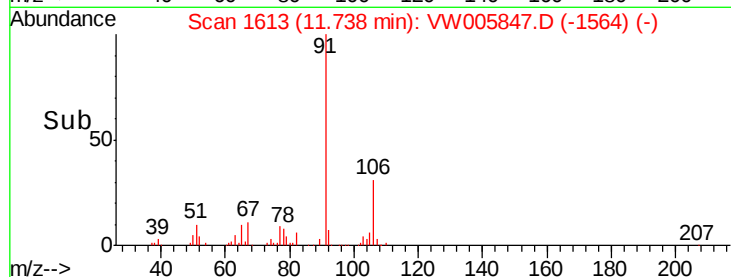
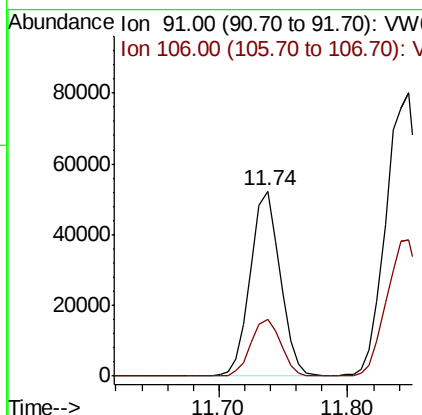
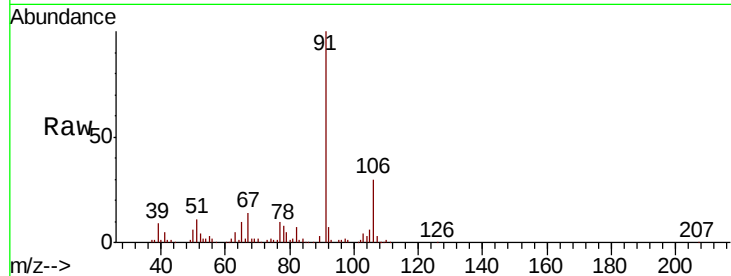




#67
Ethyl Benzene
Concen: 48.380 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005847.D
Acq: 04 Oct 2018 10:04

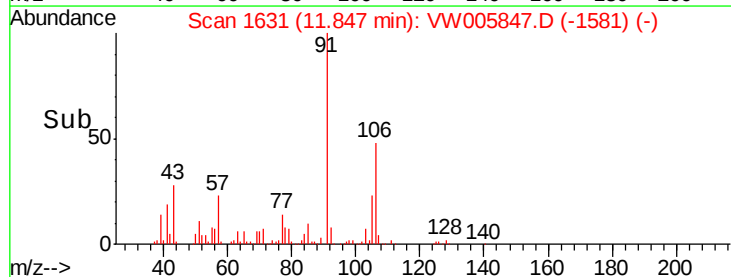
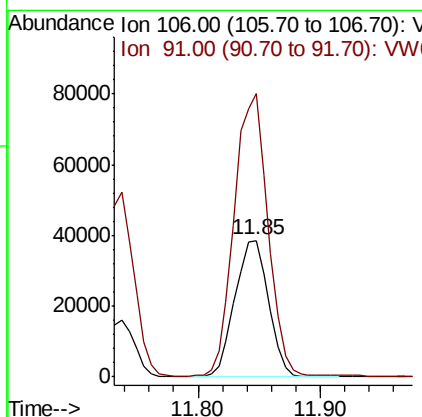
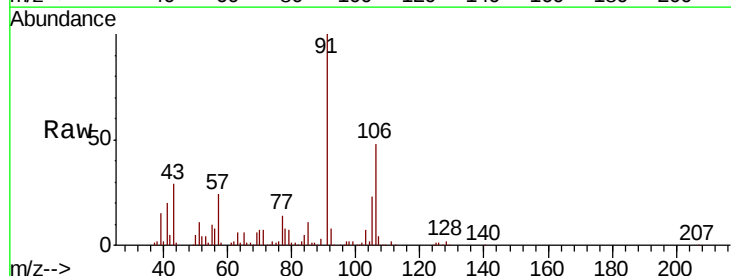
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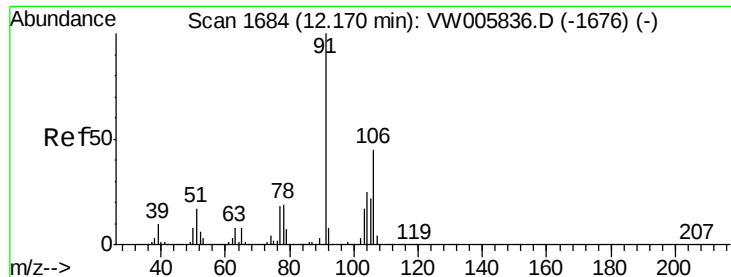
Tot Ion: 91 Resp: 84015
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5



#68
m/p-Xylenes
Concen: 109.889 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW005847.D
Acq: 04 Oct 2018 10:04

Tgt Ion: 106 Resp: 73533
Ion Ratio Lower Upper
106 100
91 206.8 165.4 248.0

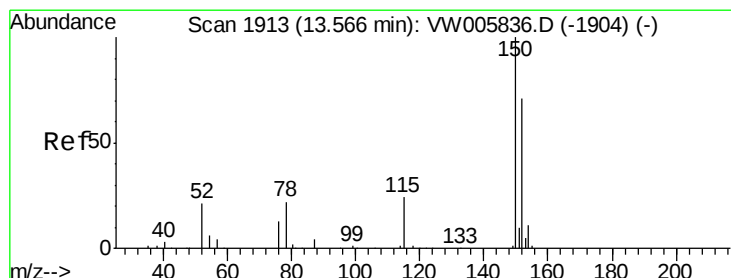
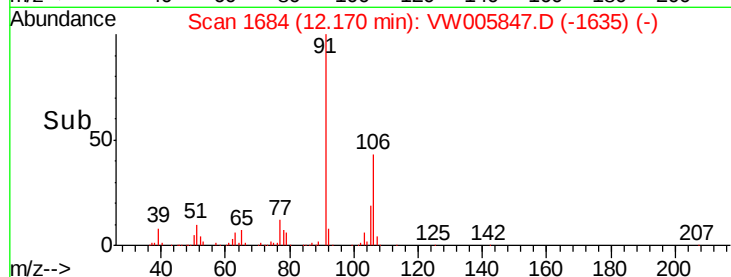
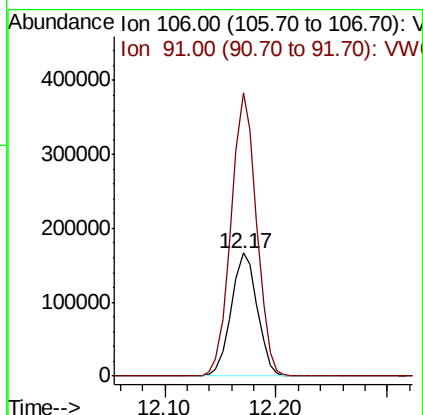
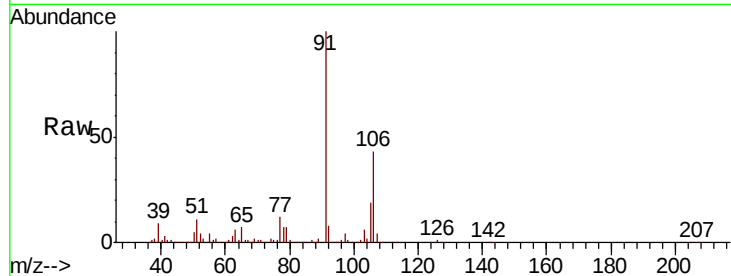




#69
o-Xylene
Concen: 433.395 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005847.D
Acq: 04 Oct 2018 10:04

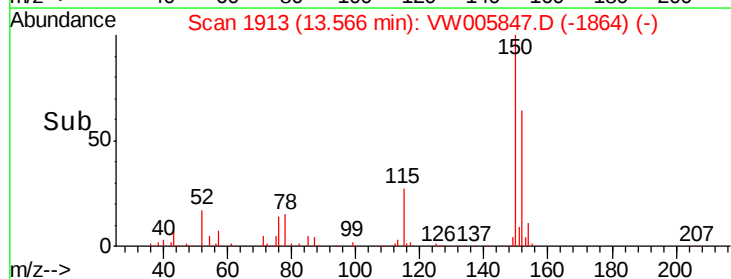
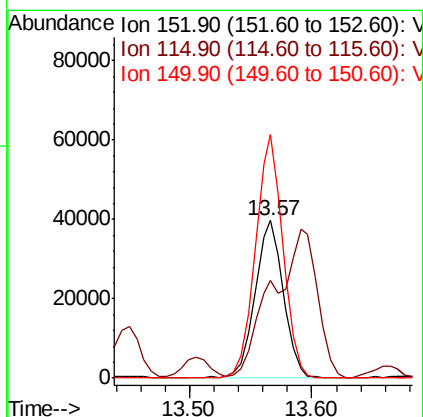
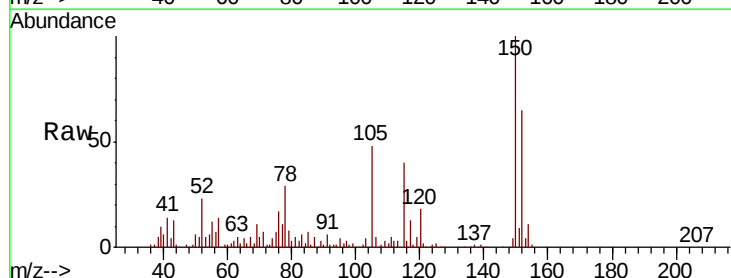
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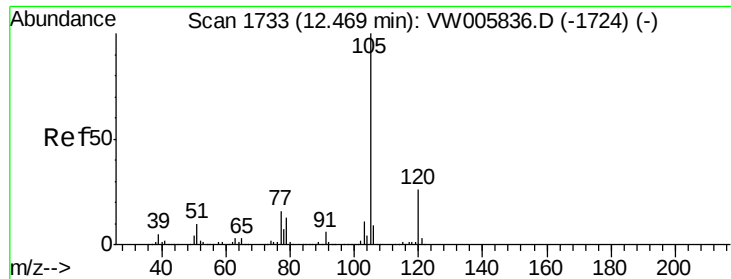
Tot Ion:106 Resp: 269561
Ion Ratio Lower Upper
106 100
91 225.0 109.7 329.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW005847.D
Acq: 04 Oct 2018 10:04

Tgt Ion:152 Resp: 64336
Ion Ratio Lower Upper
152 100
115 0.0 29.8 89.4#
150 148.5 0.0 349.4





#73

Isopropylbenzene

Concen: 13.019 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005847.D

Acq: 04 Oct 2018 10:04

Instrument :

MSVOA_W

ClientSampleId :

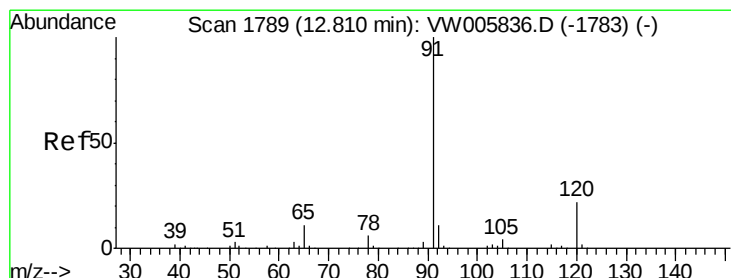
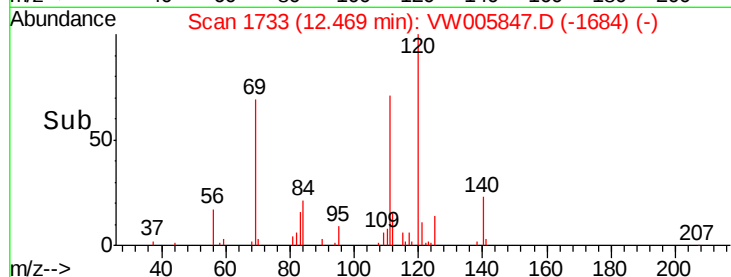
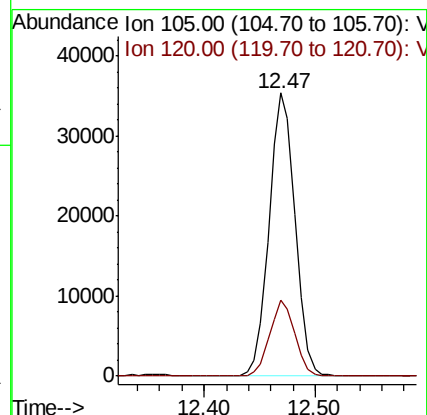
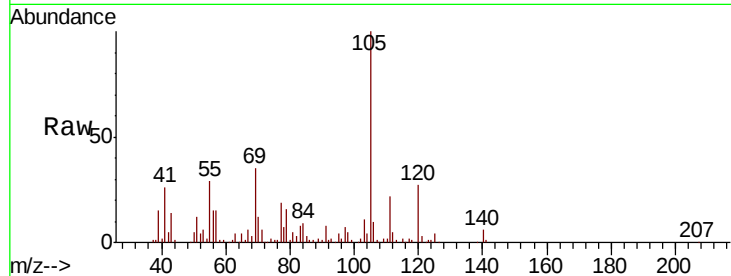
HR-06-100218-ARE

Tot Ion:105 Resp: 57629

Ion Ratio Lower Upper

105 100

120 25.9 12.9 38.7



#78

n-propylbenzene

Concen: 33.345 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW005847.D

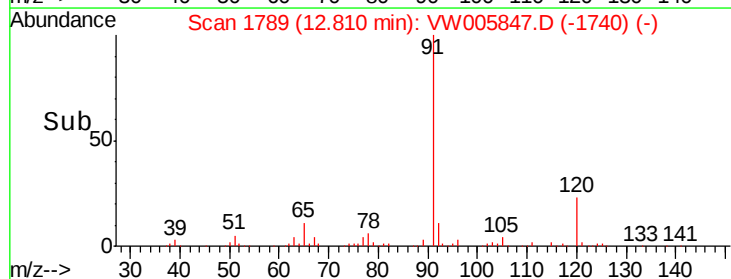
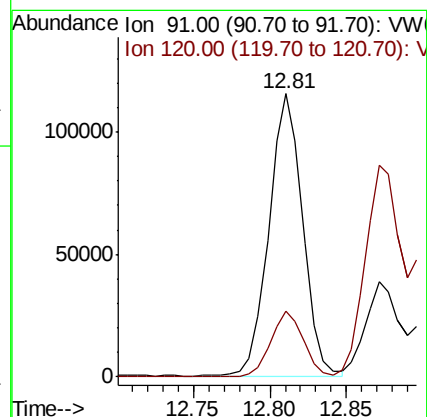
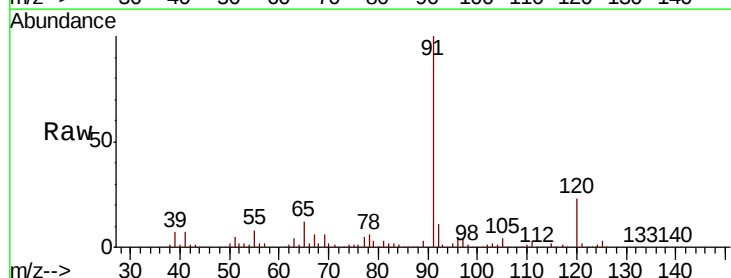
Acq: 04 Oct 2018 10:04

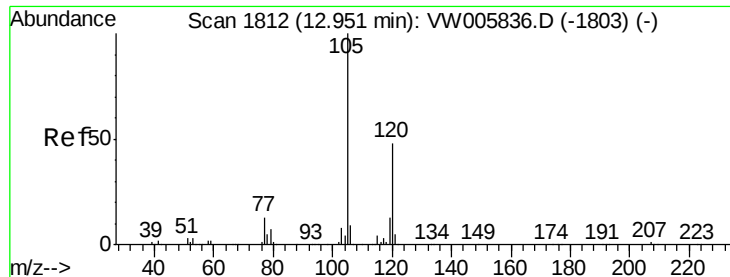
Tgt Ion: 91 Resp: 175565

Ion Ratio Lower Upper

91 100

120 22.8 11.3 33.9

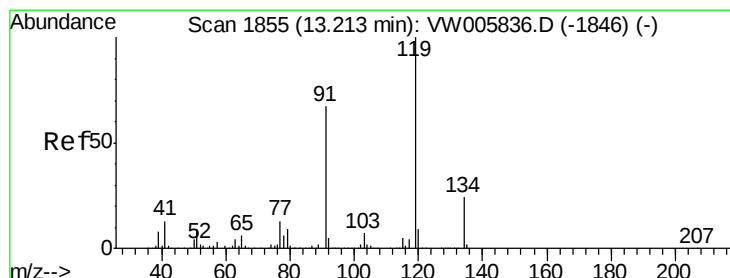
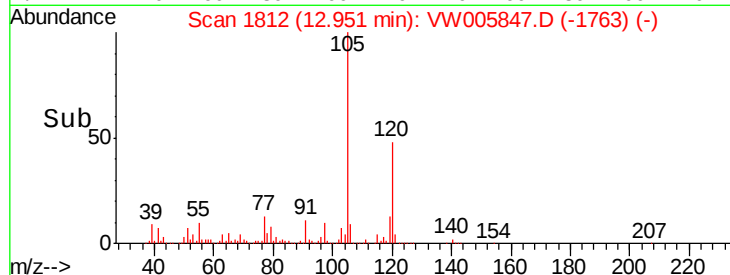
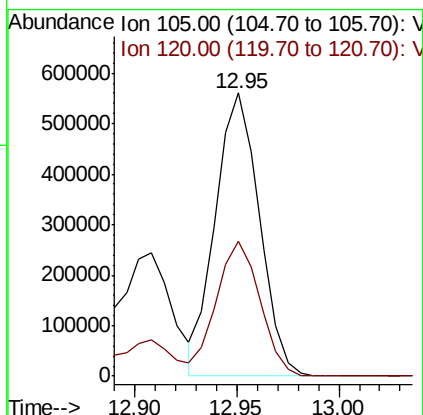
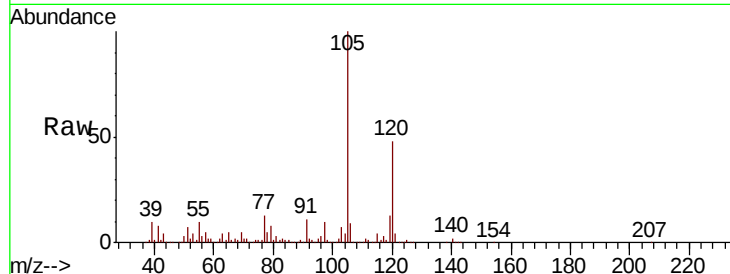




#80
 1,3,5-Trimethylbenzene
 Concen: 218.086 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW005847.D
 Acq: 04 Oct 2018 10:04

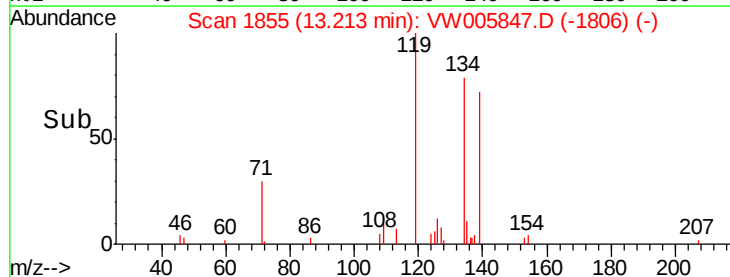
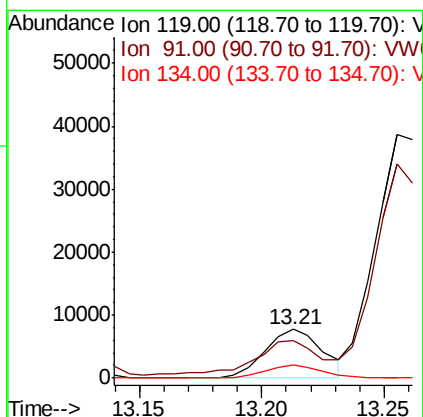
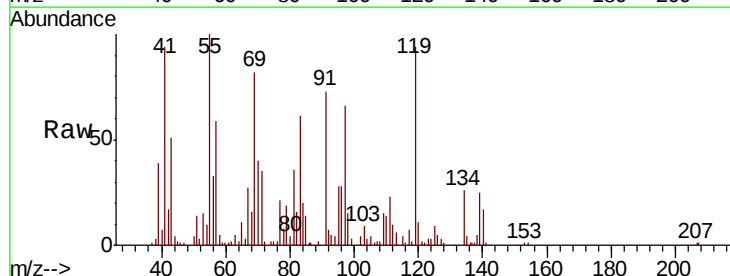
Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-100218-ARE

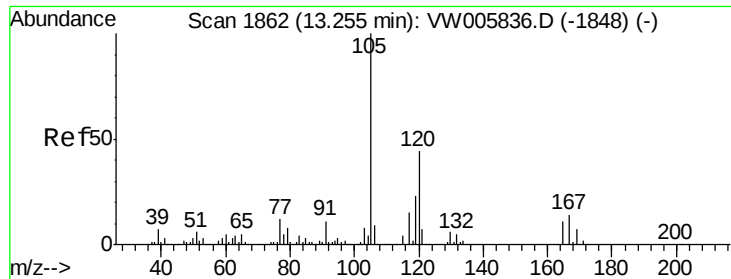
Tot Ion:105 Resp: 838359
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.8 71.2



#83
 tert-Butylbenzene
 Concen: 3.926 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW005847.D
 Acq: 04 Oct 2018 10:04

Tgt Ion:119 Resp: 12585
 Ion Ratio Lower Upper
 119 100
 91 77.2 33.4 100.2
 134 26.0 12.8 38.3

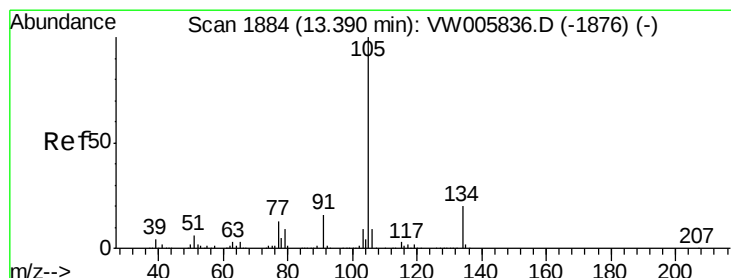
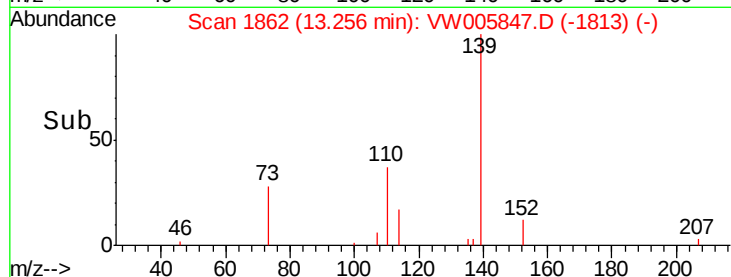
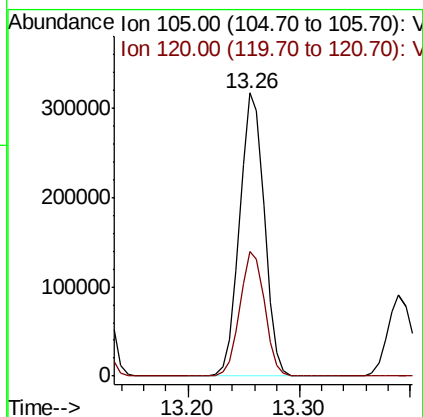
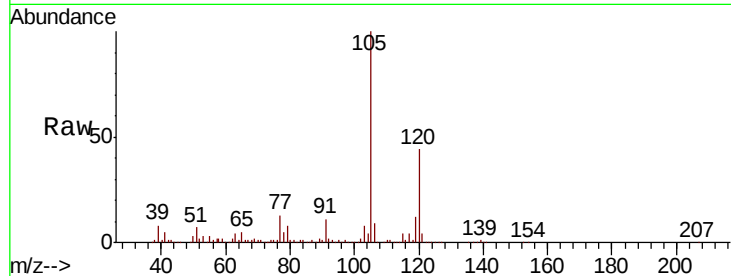




#84
 1,2,4-Trimethylbenzene
 Concen: 123.115 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW005847.D
 Acq: 04 Oct 2018 10:04

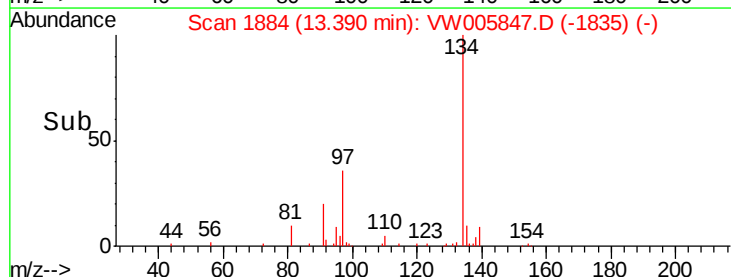
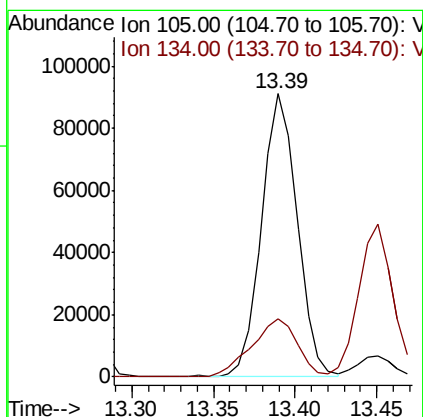
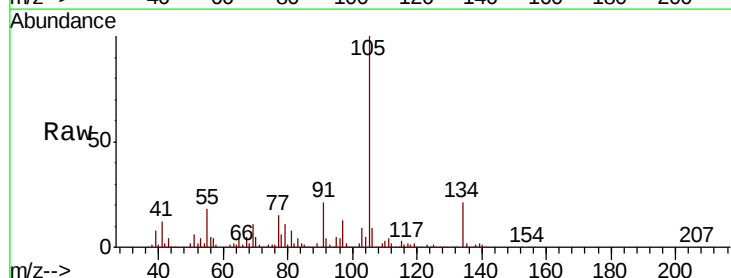
Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-100218-ARE

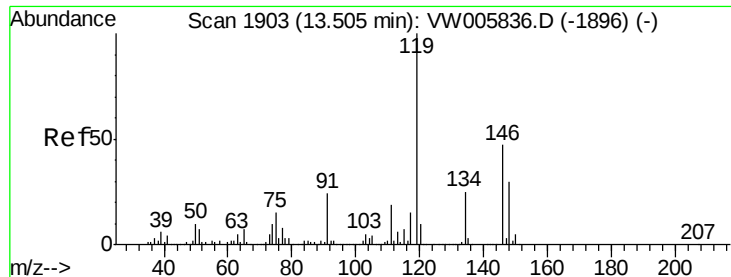
Tot Ion:105 Resp: 485946
 Ion Ratio Lower Upper
 105 100
 120 44.3 21.9 65.7



#85
 sec-Butylbenzene
 Concen: 29.647 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW005847.D
 Acq: 04 Oct 2018 10:04

Tgt Ion:105 Resp: 137198
 Ion Ratio Lower Upper
 105 100
 134 26.7 10.0 30.0





#86
 p-Isopropyltoluene
 Concen: 23.165 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005847.D
 Acq: 04 Oct 2018 10:04

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-100218-ARE

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.6	12.7	38.0
91	24.2	11.9	35.9

