

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090718\
 Data File : VW005220.D
 Acq On : 07 Sep 2018 19:57
 Operator : SY/AP
 Sample : J4775-03
 Misc : 6.36G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-090618-B

Quant Time: Sep 08 02:01:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	473323	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	720693	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	552569	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	220592	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	167707	42.74	ug/l	0.00
Spiked Amount			Recovery	=	85.48%	
35) Dibromofluoromethane	7.89	113	154579	37.12	ug/l	0.00
Spiked Amount			Recovery	=	74.24%	
50) Toluene-d8	10.33	98	534088	27.83	ug/l	0.00
Spiked Amount			Recovery	=	55.66%	
62) 4-Bromofluorobenzene	12.62	95	185150	27.36	ug/l	0.00
Spiked Amount			Recovery	=	54.72%	

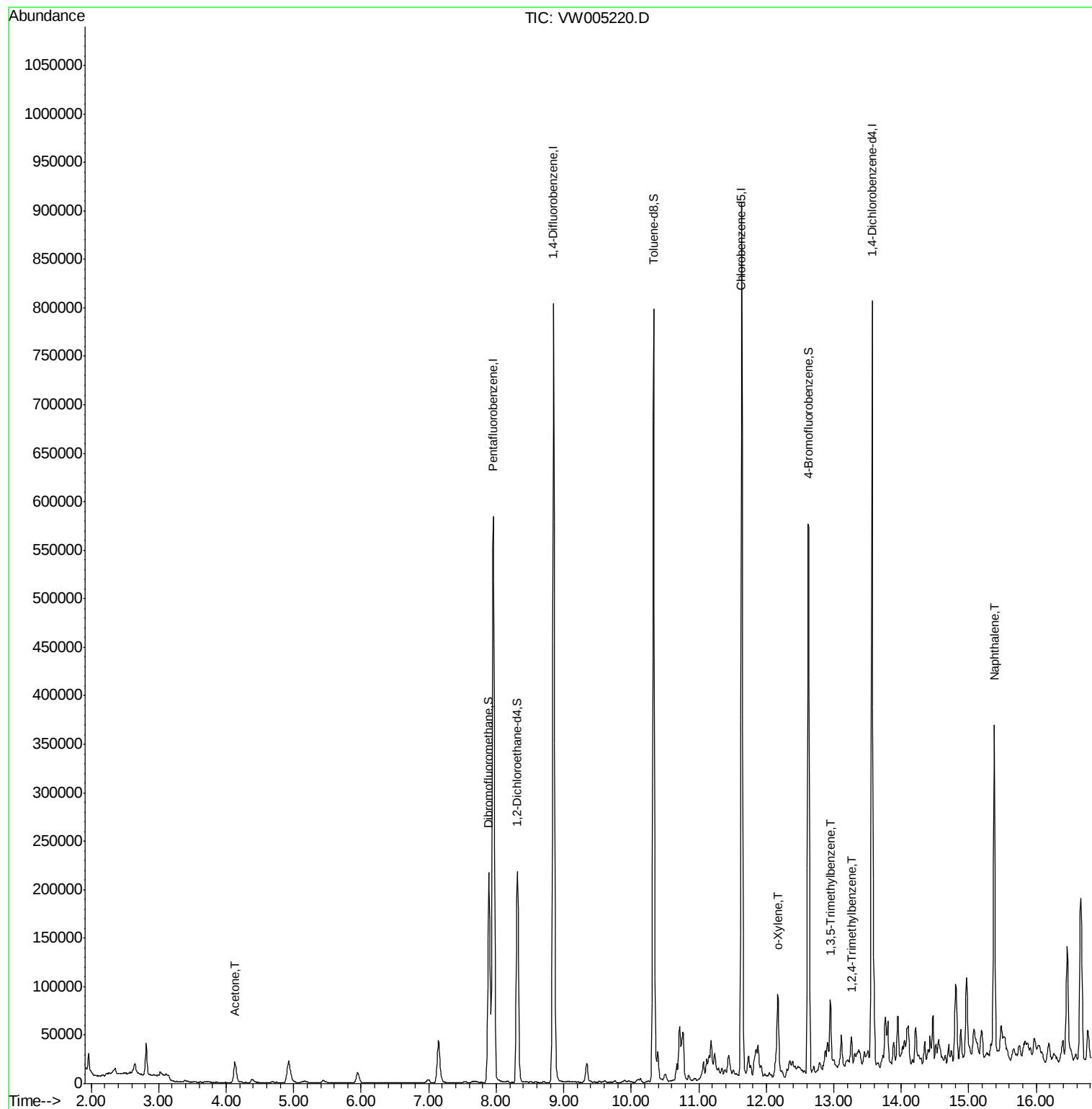
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	37835	48.08	ug/l	89
69) o-Xylene	12.17	106	21108	2.71	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	29430	2.19	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	16537	1.21	ug/l	99
95) Naphthalene	15.38	128	300094	38.71	ug/l	100

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005220.D

Acq: 07 Sep 2018 19:57

Instrument :

MSVOA_W

ClientSampleId :

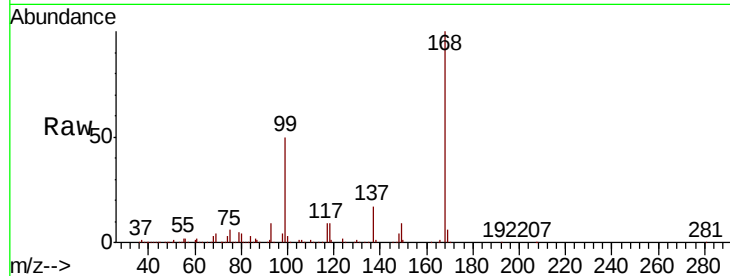
OR-02-090618-B

Tot Ion:168 Resp: 473323

Ion Ratio Lower Upper

168 100

99 50.3 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

250000

200000

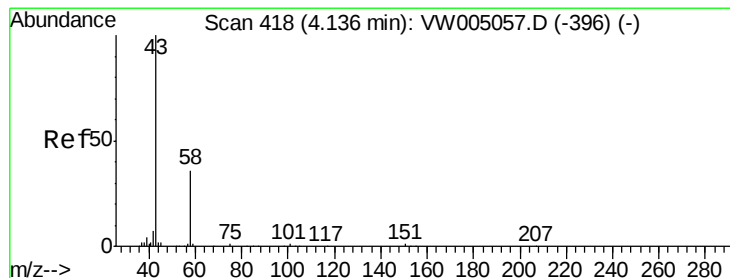
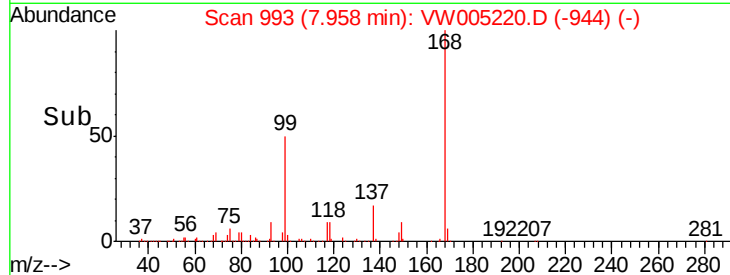
150000

100000

50000

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Time-->



#16

Acetone

Concen: 48.08 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW005220.D

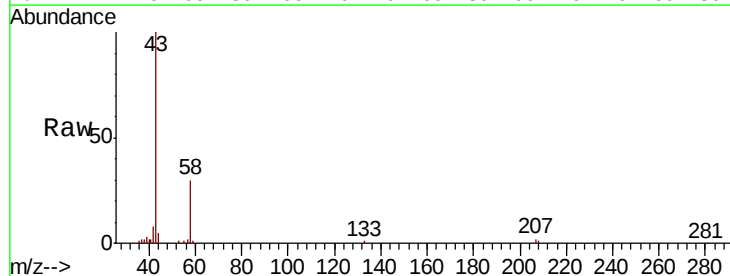
Acq: 07 Sep 2018 19:57

Tgt Ion: 43 Resp: 37835

Ion Ratio Lower Upper

43 100

58 29.8 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

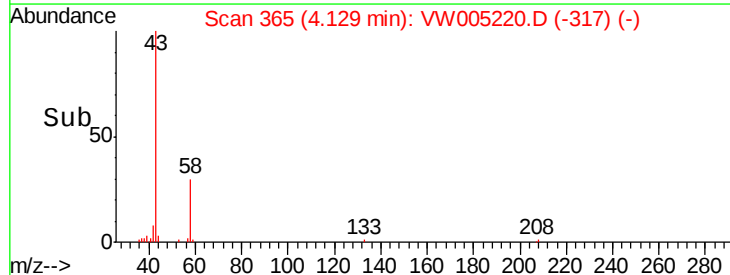
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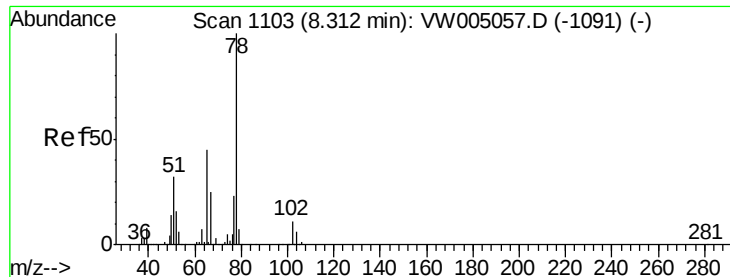
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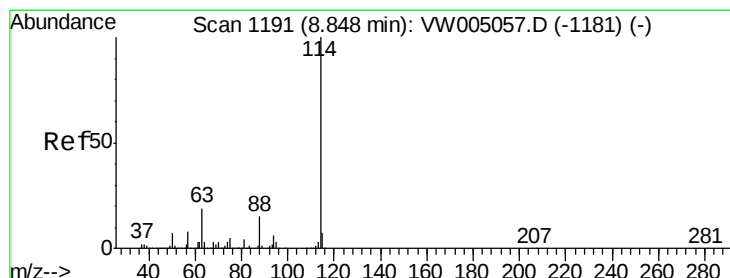
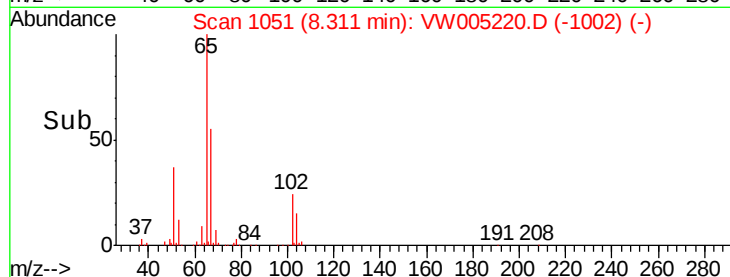
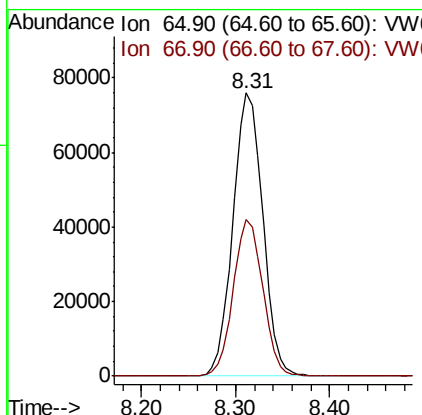
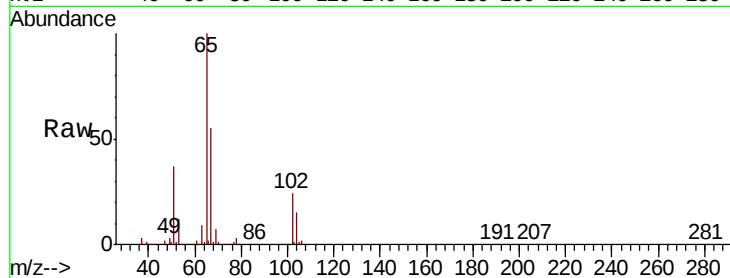




#33
 1,2-Dichloroethane-d4
 Concen: 42.74 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005220.D
 Acq: 07 Sep 2018 19:57

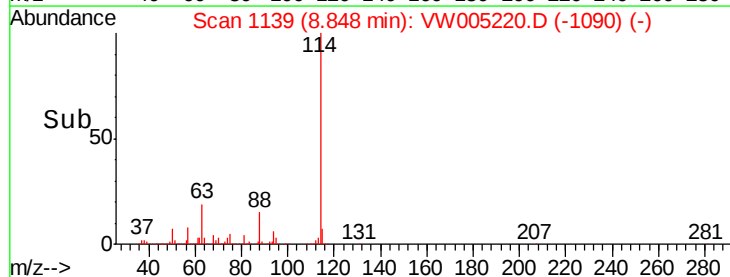
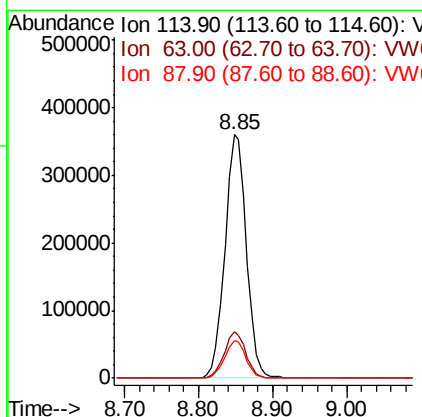
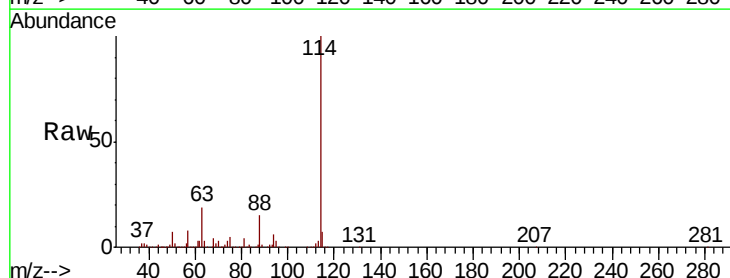
Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-090618-B

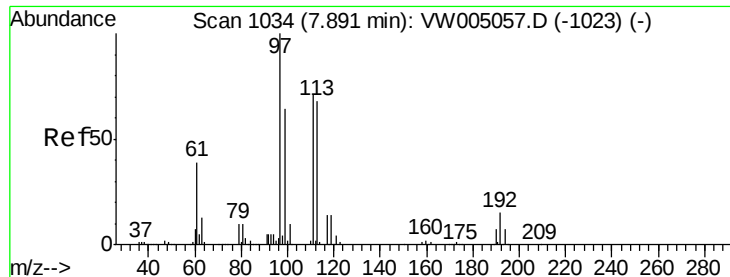
Tot Ion: 65 Resp: 167707
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005220.D
 Acq: 07 Sep 2018 19:57

Tgt Ion: 114 Resp: 720693
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.0
 88 15.4 0.0 30.2

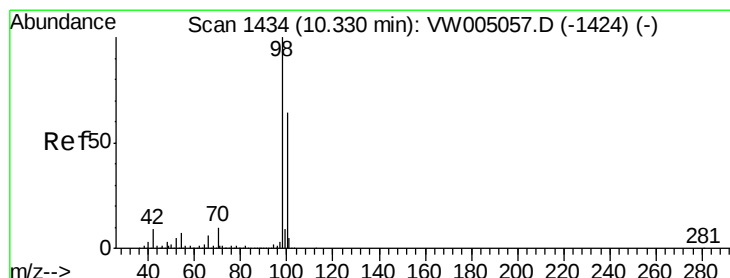
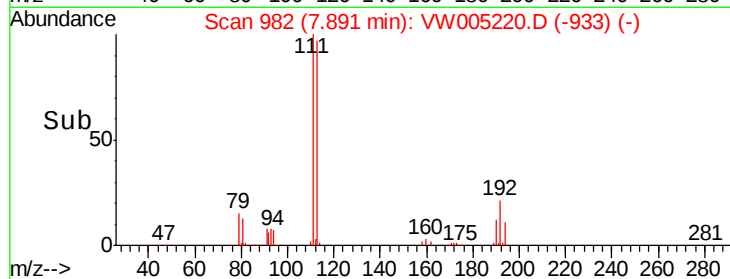
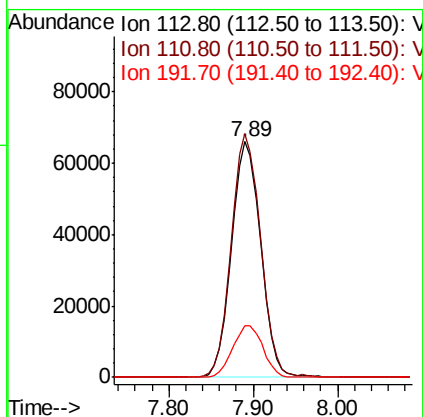
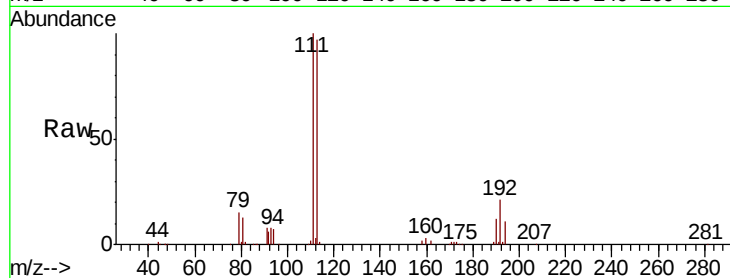




#35
 Dibromofluoromethane
 Concen: 37.12 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005220.D
 Acq: 07 Sep 2018 19:57

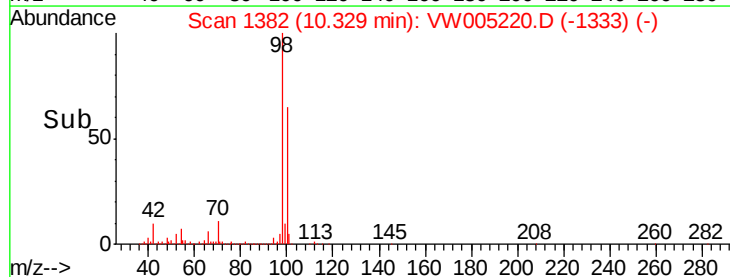
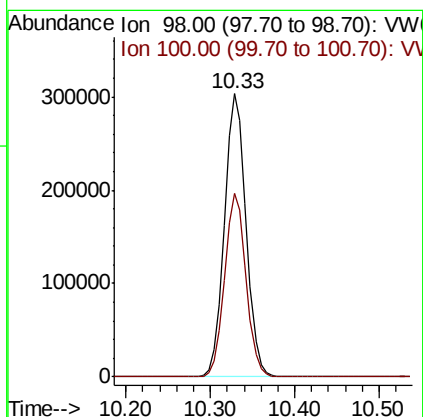
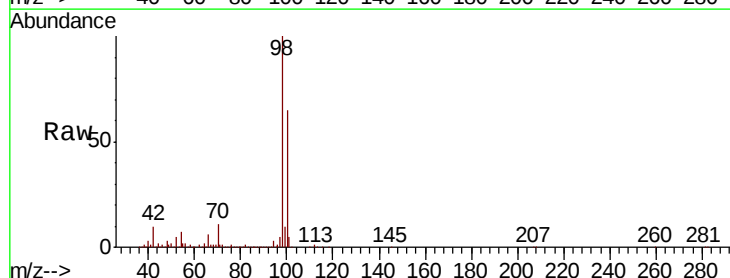
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 ClientSampleId :
 OR-02-090618-B

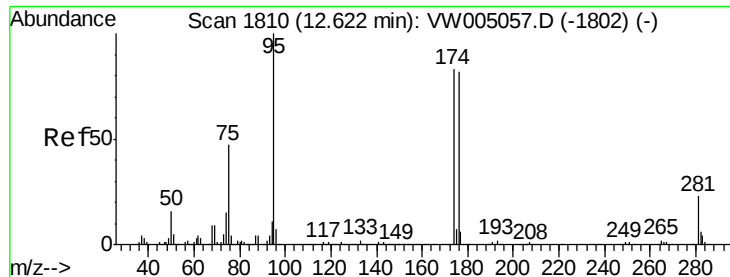
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.2	123.2
192	22.6	18.1	27.1



#50
 Toluene-d8
 Concen: 27.83 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VW005220.D
 Acq: 07 Sep 2018 19:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.7	77.5

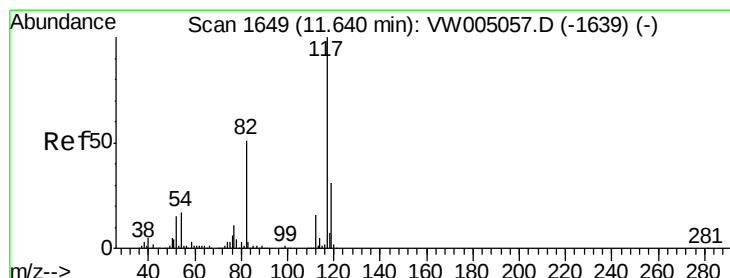
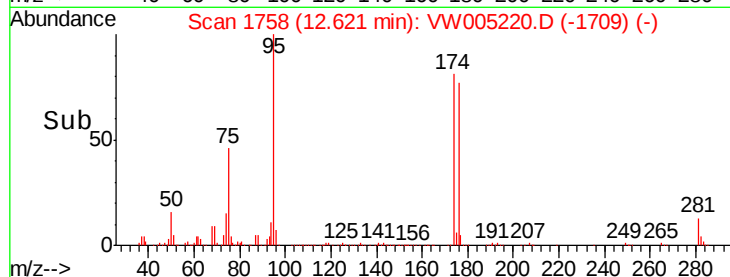
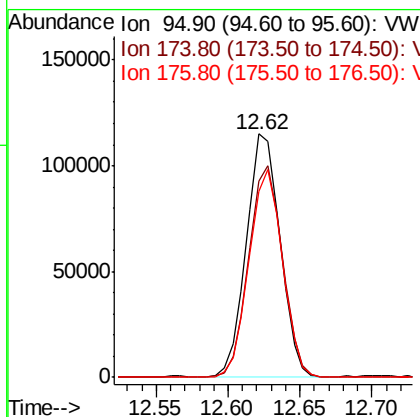
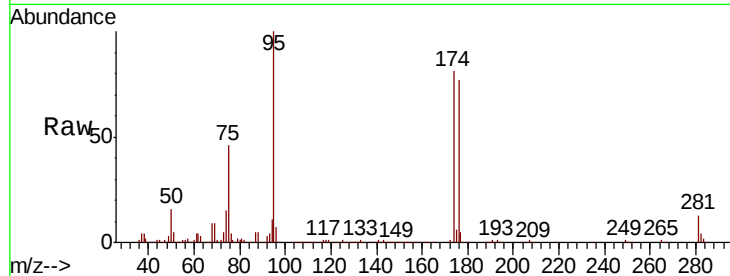




#62
4-Bromofluorobenzene
Concen: 27.36 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005220.D
Acq: 07 Sep 2018 19:57

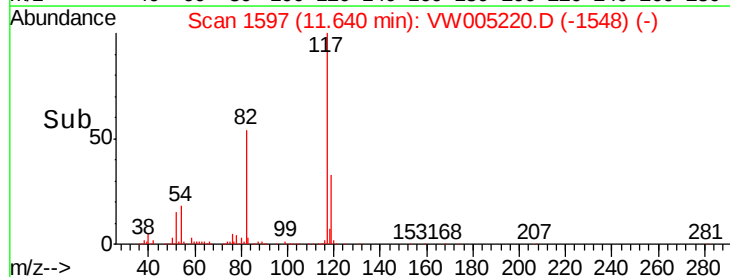
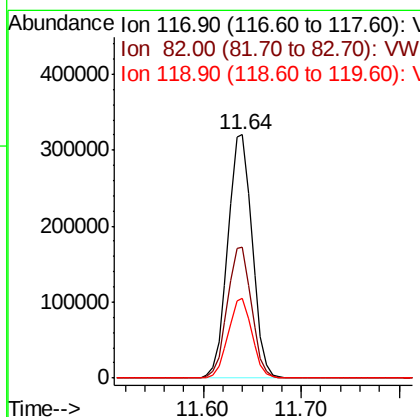
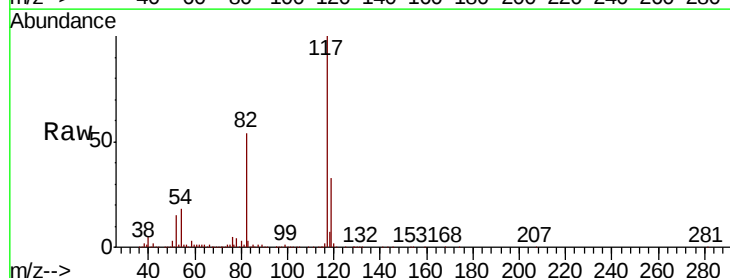
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ClientSampleId :
OR-02-090618-B

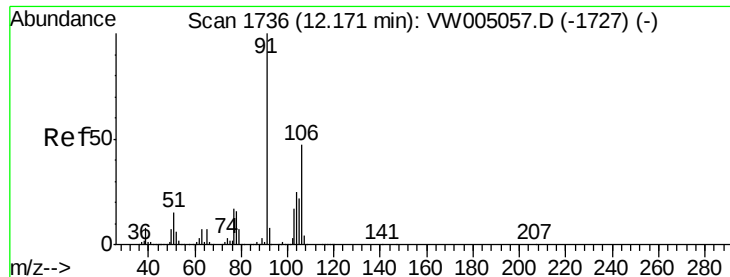
Tot Ion	Ratio	Lower	Upper
95	100		
174	87.2	0.0	173.4
176	85.2	0.0	167.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005220.D
Acq: 07 Sep 2018 19:57

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.7	40.9	61.3
119	32.8	24.9	37.3

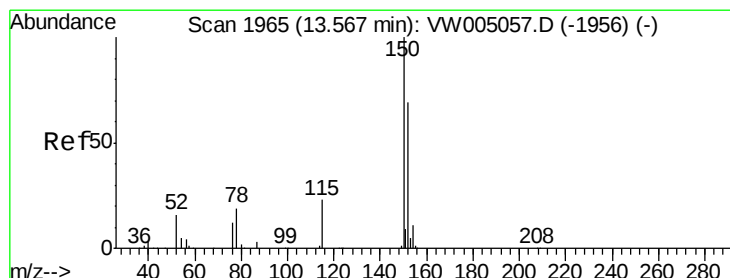
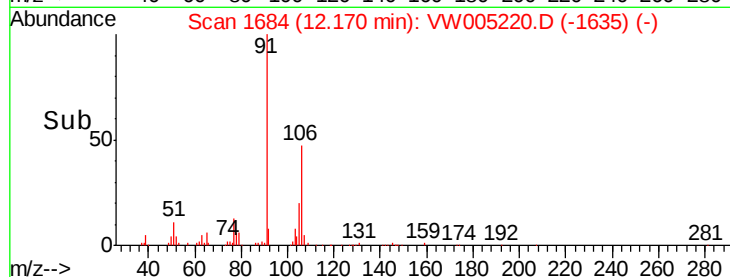
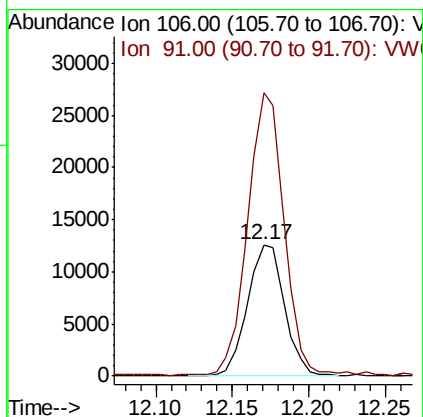
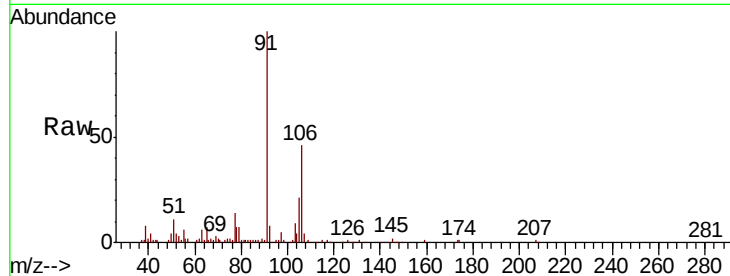




#69
o-Xylene
Concen: 2.71 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005220.D
Acq: 07 Sep 2018 19:57

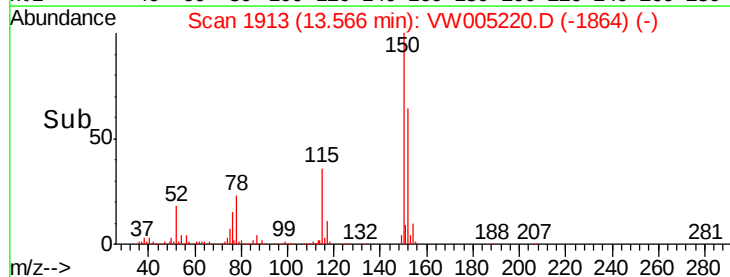
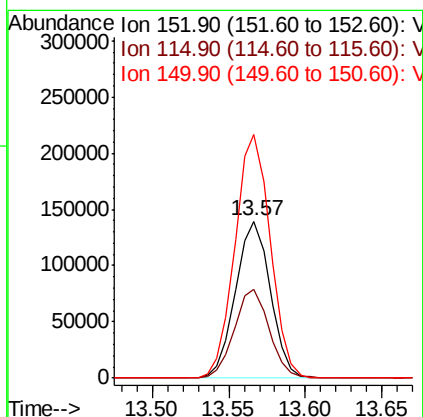
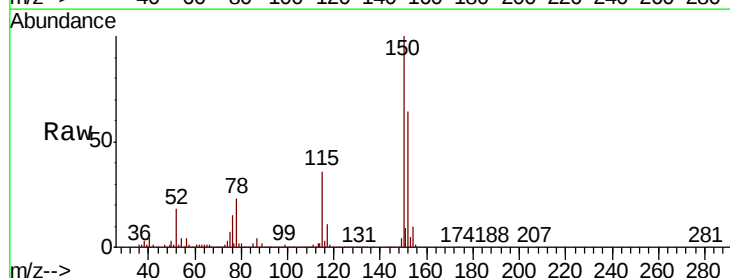
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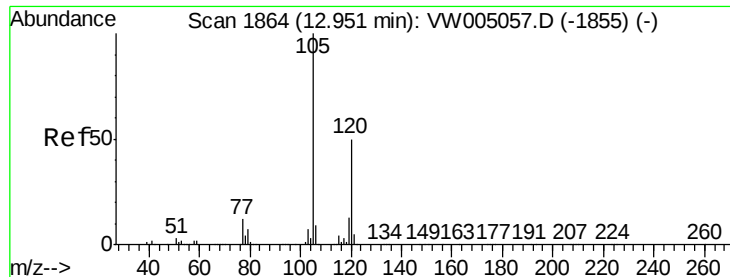
Tot Ion:106 Resp: 21108
Ion Ratio Lower Upper
106 100
91 210.8 105.6 316.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005220.D
Acq: 07 Sep 2018 19:57

Tgt Ion:152 Resp: 220592
Ion Ratio Lower Upper
152 100
115 56.3 27.8 83.4
150 157.3 0.0 351.4

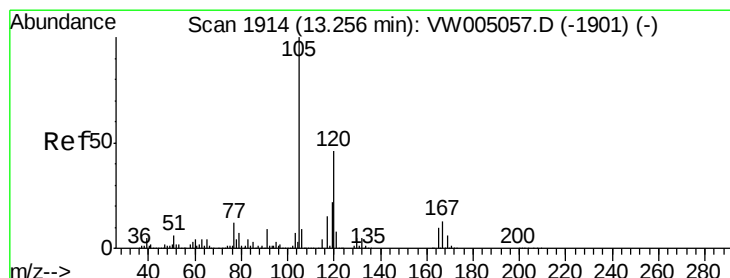
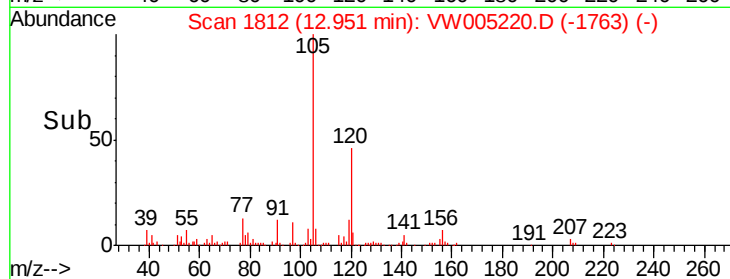
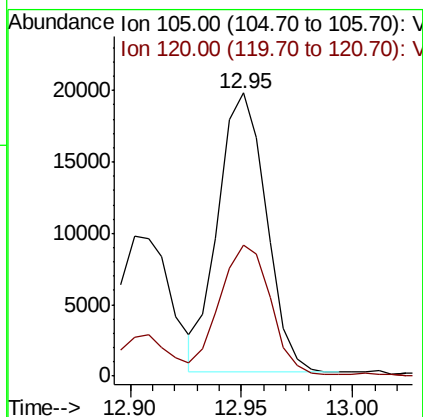
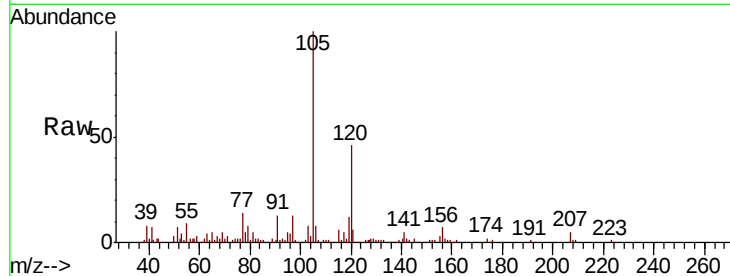




#80
 1,3,5-Trimethylbenzene
 Concen: 2.19 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW005220.D
 Acq: 07 Sep 2018 19:57

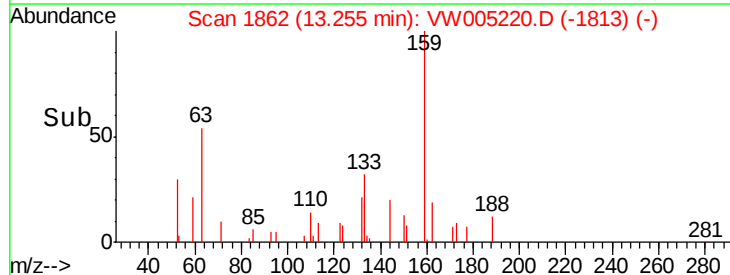
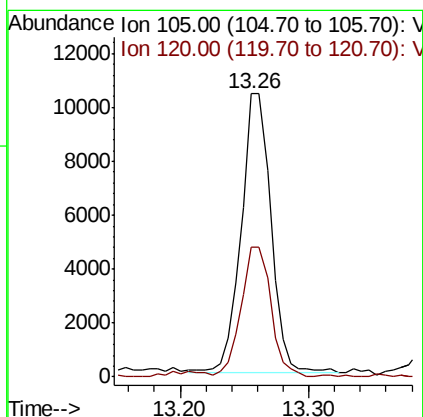
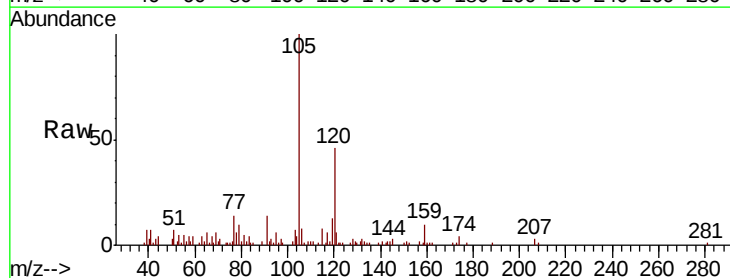
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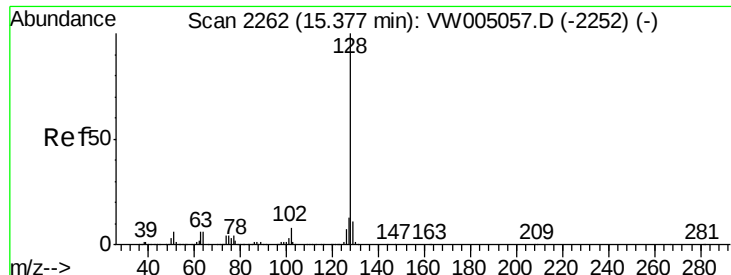
Tot Ion:105 Resp: 29430
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.9 74.8



#84
 1,2,4-Trimethylbenzene
 Concen: 1.21 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW005220.D
 Acq: 07 Sep 2018 19:57

Tgt Ion:105 Resp: 16537
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.1 69.3

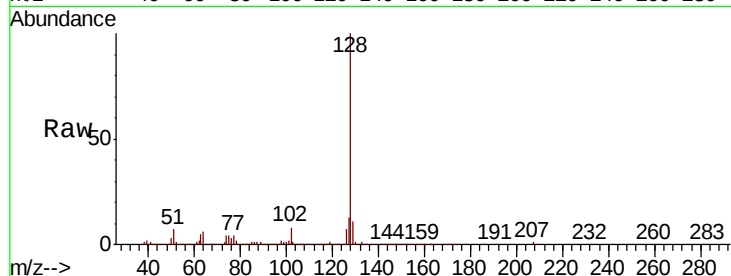




#95
 Naphthalene
 Concen: 38.71 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. 0.00 min
 Lab File: VW005220.D
 Acq: 07 Sep 2018 19:57

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-090618-B

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.0	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

