

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090118\
 Data File : VW005066.D
 Acq On : 01 Sep 2018 05:43
 Operator : SY/AP
 Sample : J4275-21
 Misc : 5.39G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-02-082918-B

Quant Time: Sep 04 00:24:18 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	441233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	692830	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	617923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	255369	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	157637	43.10	ug/l	0.00
Spiked Amount			Recovery	=	86.20%	
35) Dibromofluoromethane	7.89	113	157293	39.29	ug/l	0.00
Spiked Amount			Recovery	=	78.58%	
50) Toluene-d8	10.33	98	597265	32.37	ug/l	0.00
Spiked Amount			Recovery	=	64.74%	
62) 4-Bromofluorobenzene	12.62	95	189196	29.08	ug/l	0.00
Spiked Amount			Recovery	=	58.16%	

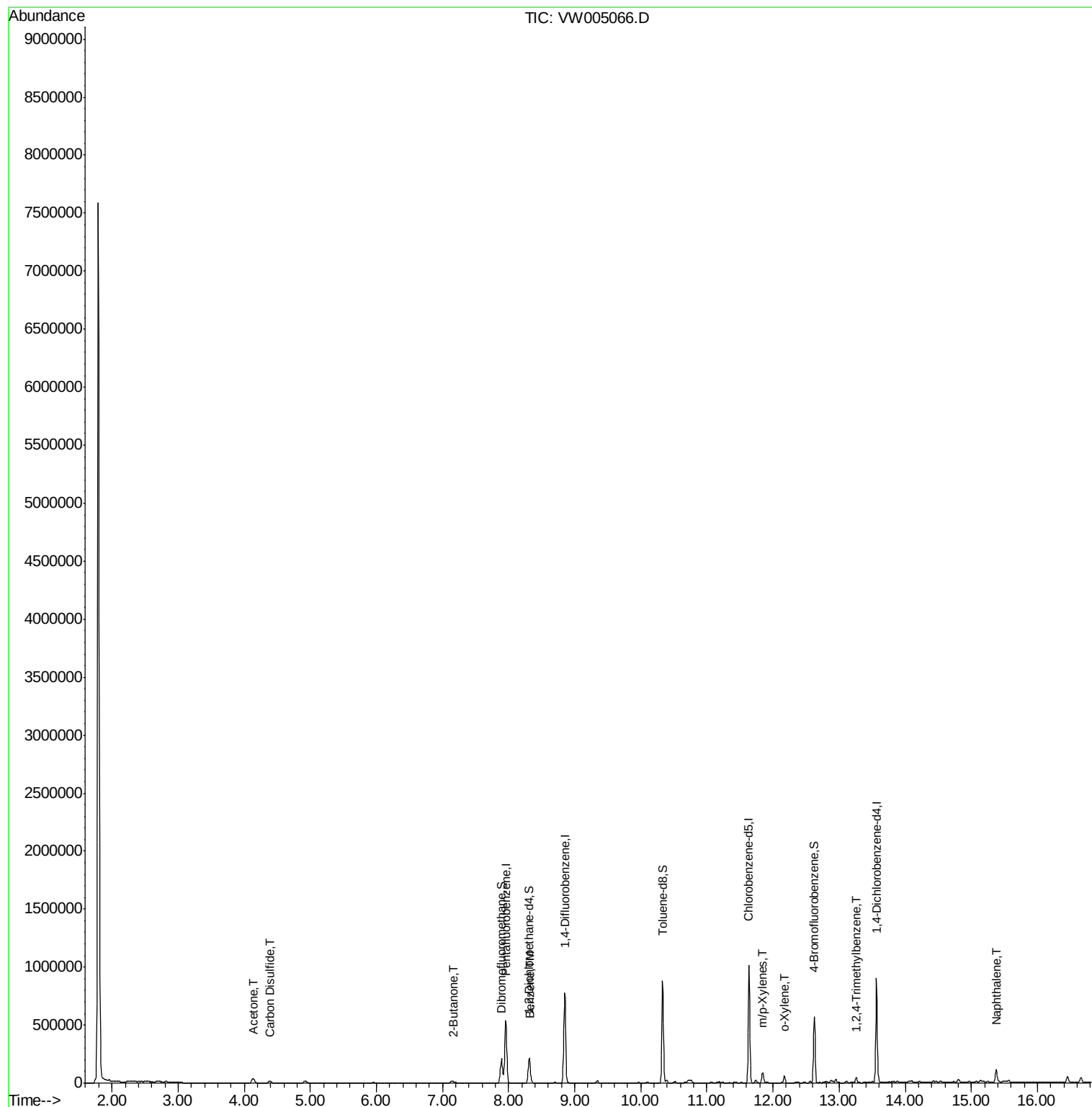
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	69928	95.33	ug/l	94
17) Carbon Disulfide	4.38	76	34636	2.79	ug/l	98
25) 2-Butanone	7.18	43	10318	8.11	ug/l	98
40) Benzene	8.33	78	30009	1.49	ug/l	95
68) m/p-Xylenes	11.84	106	27223	2.89	ug/l	99
69) o-Xylene	12.17	106	15220	1.75	ug/l	95
84) 1,2,4-Trimethylbenzene	13.26	105	26610	1.68	ug/l	99
95) Naphthalene	15.38	128	99141	13.89	ug/l	98

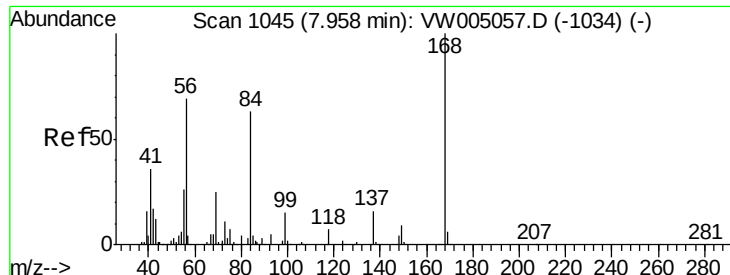
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090118\
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QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005066.D

Acq: 01 Sep 2018 05:43

Instrument :

MSVOA_W

ClientSampleId :

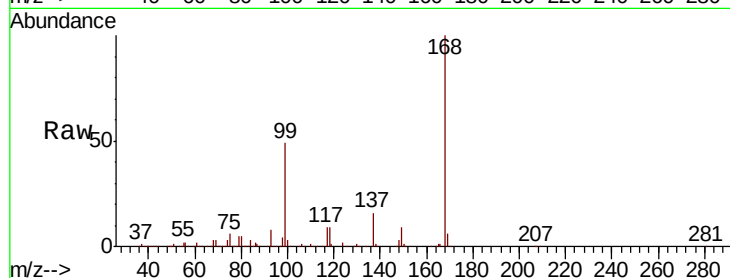
CL-02-082918-B

Tot Ion:168 Resp: 441233

Ion Ratio Lower Upper

168 100

99 49.3 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

200000

150000

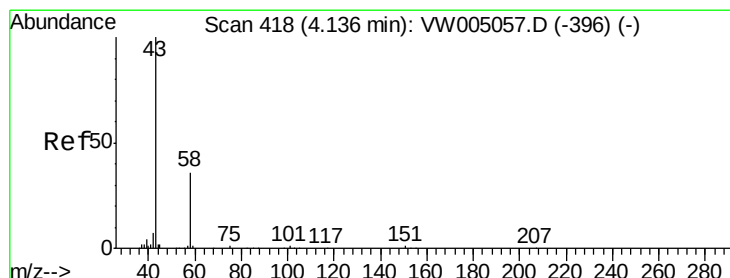
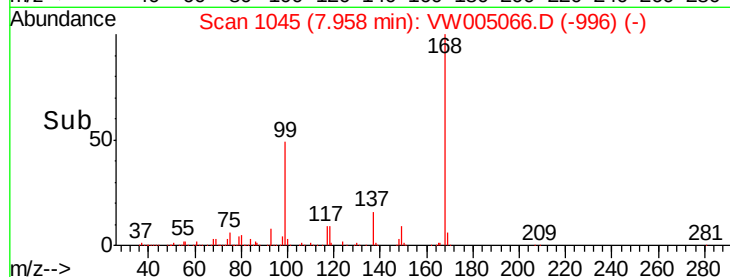
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 95.33 ug/l

RT: 4.13 min Scan# 417

Delta R.T. -0.01 min

Lab File: VW005066.D

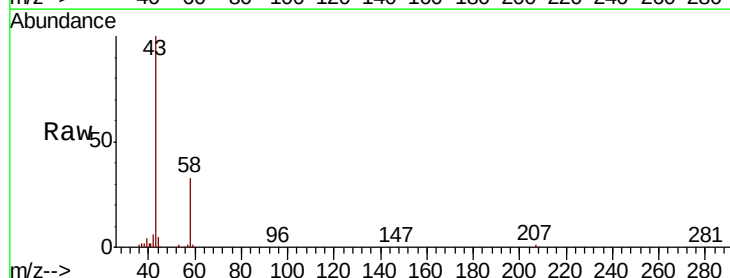
Acq: 01 Sep 2018 05:43

Tgt Ion: 43 Resp: 69928

Ion Ratio Lower Upper

43 100

58 32.7 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

25000

20000

15000

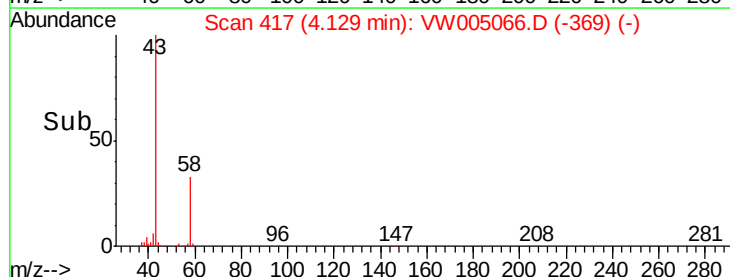
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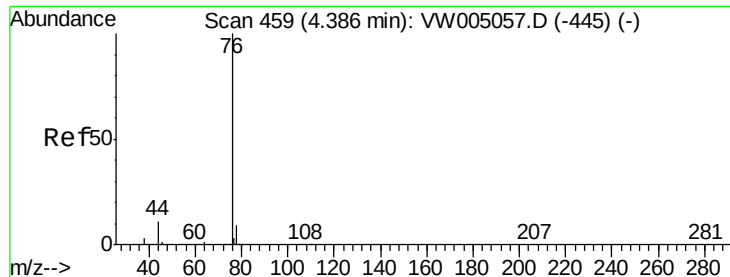
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0

4.00 4.10 4.20 4.30

Time-->

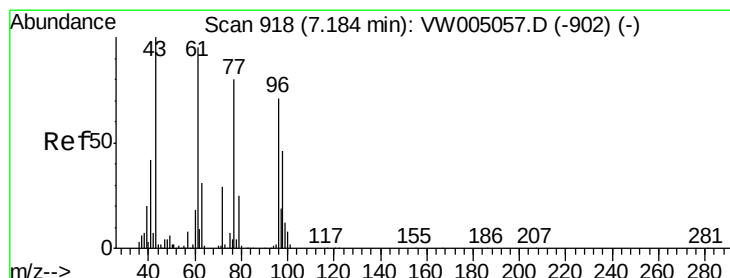
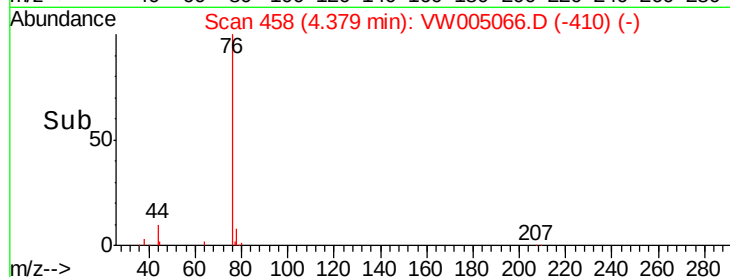
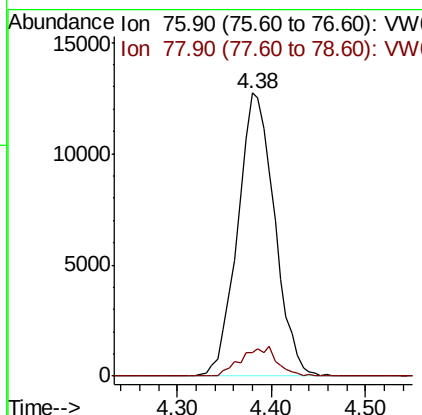
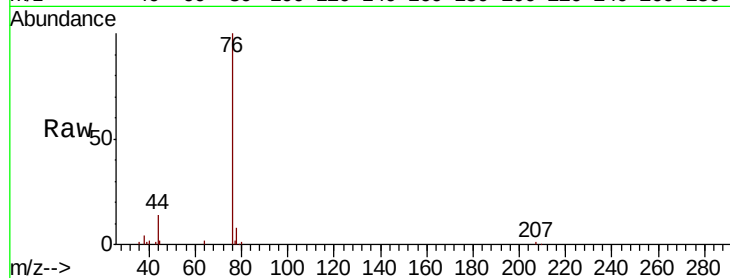




#17
Carbon Disulfide
Concen: 2.79 ug/l
RT: 4.38 min Scan# 458
Delta R.T. -0.01 min
Lab File: VW005066.D
Acq: 01 Sep 2018 05:43

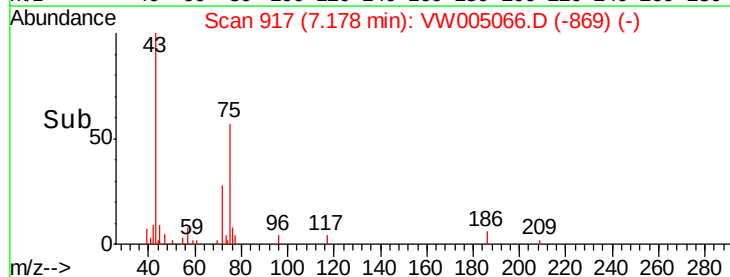
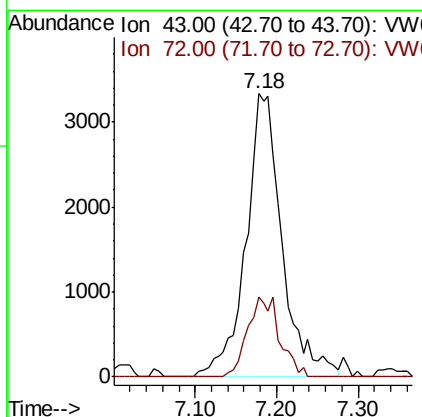
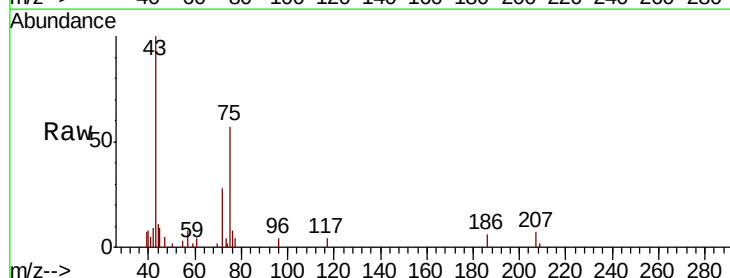
Instrument :
MSVOA_W
ClientSampleId :
CL-02-082918-B

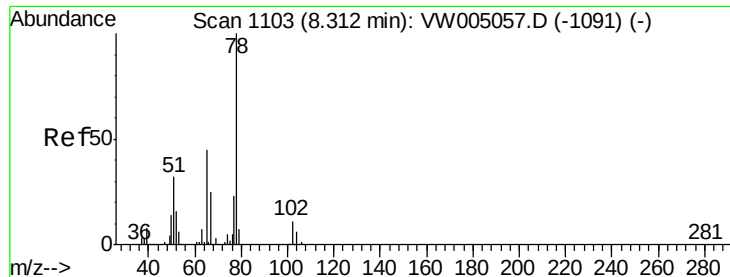
Tot Ion: 76 Resp: 34636
Ion Ratio Lower Upper
76 100
78 8.4 7.3 10.9



#25
2-Butanone
Concen: 8.11 ug/l
RT: 7.18 min Scan# 917
Delta R.T. -0.01 min
Lab File: VW005066.D
Acq: 01 Sep 2018 05:43

Tgt Ion: 43 Resp: 10318
Ion Ratio Lower Upper
43 100
72 28.1 23.1 34.7

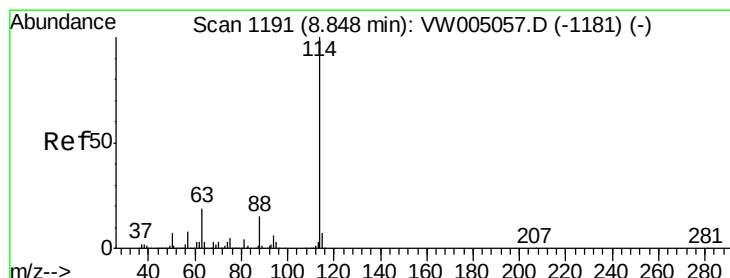
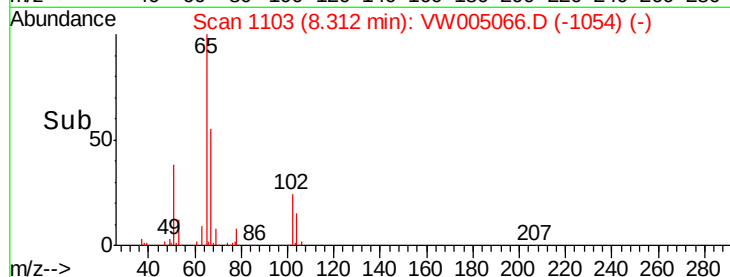
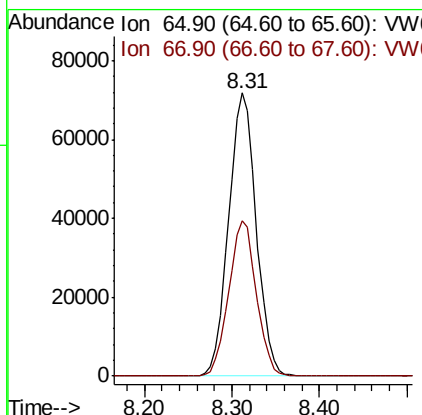
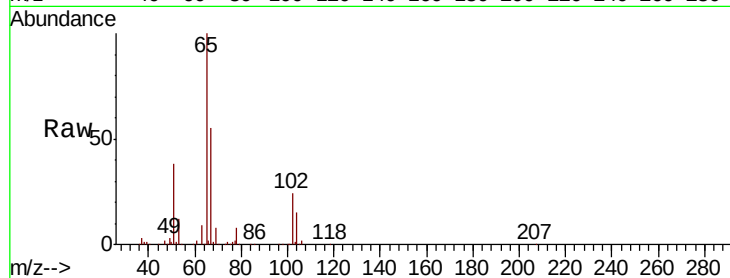




#33
 1,2-Dichloroethane-d4
 Concen: 43.10 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW005066.D
 Acq: 01 Sep 2018 05:43

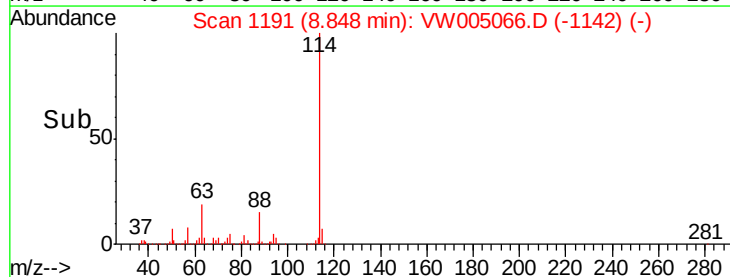
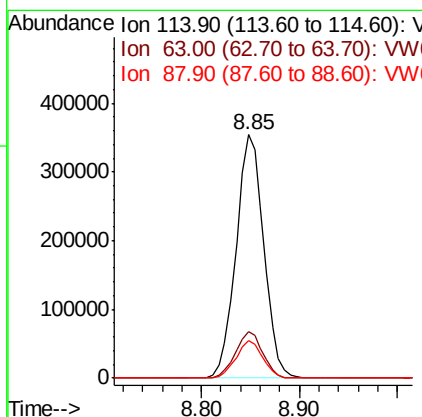
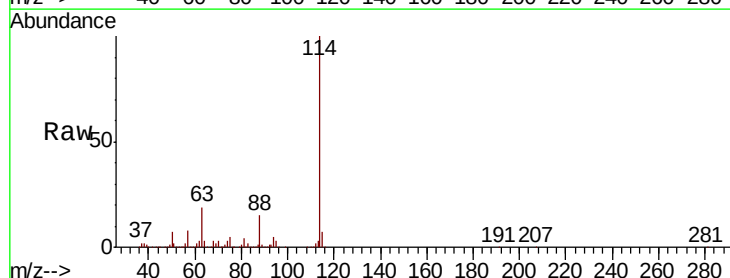
Instrument :
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 ClientSampleId :
 CL-02-082918-B

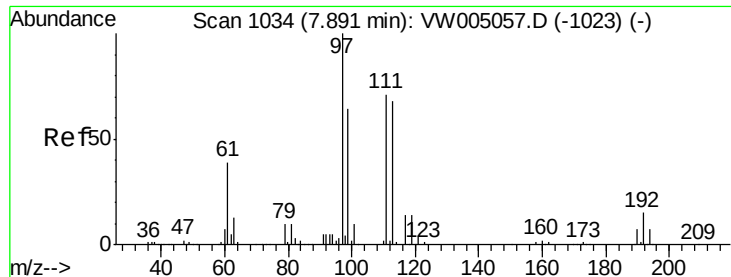
Tot Ion: 65 Resp: 157637
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005066.D
 Acq: 01 Sep 2018 05:43

Tgt Ion: 114 Resp: 692830
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.0
 88 15.4 0.0 30.2

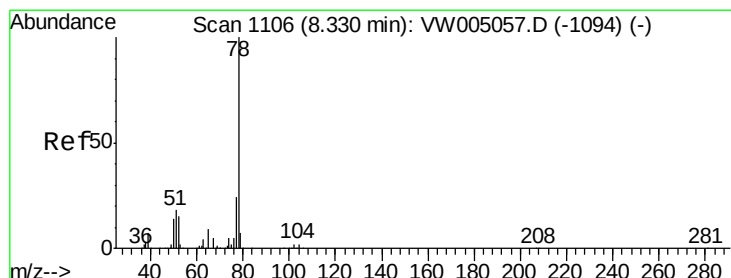
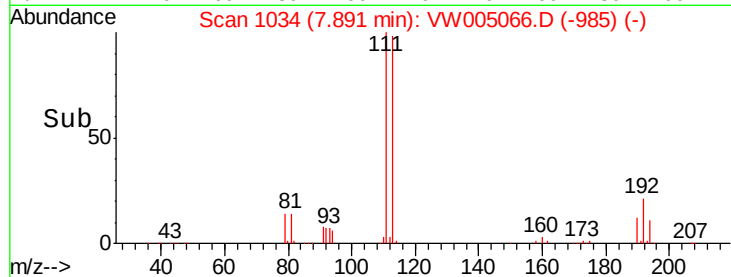
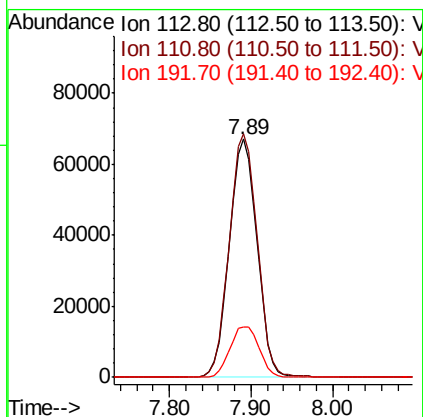
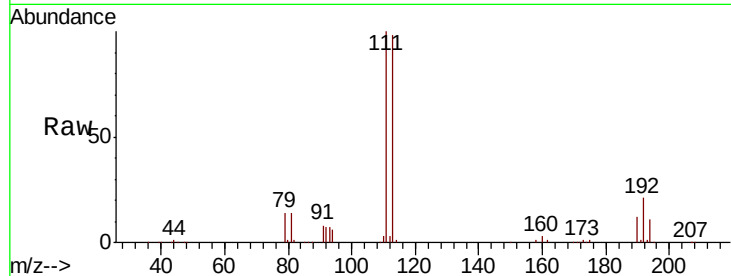




#35
Dibromofluoromethane
Concen: 39.29 ug/l
RT: 7.89 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VW005066.D
Acq: 01 Sep 2018 05:43

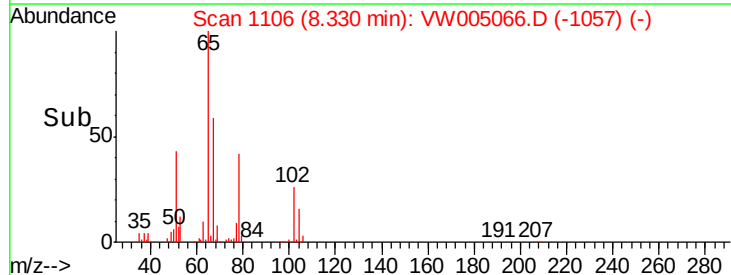
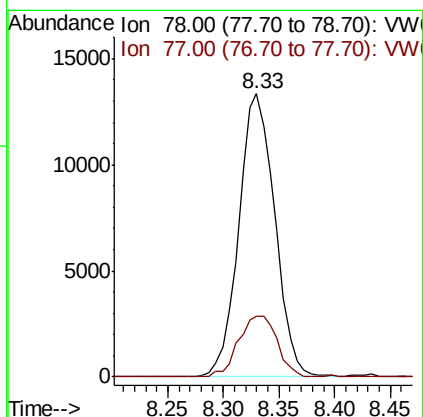
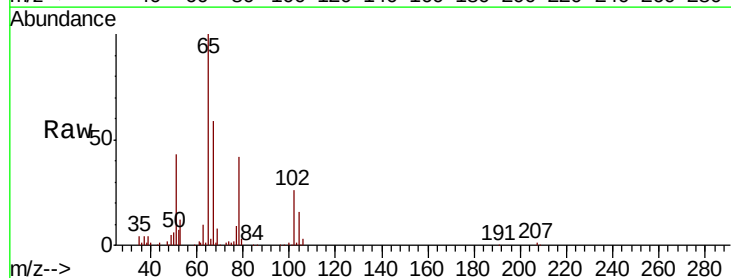
Instrument :
MSVOA_W
ClientSampleId :
CL-02-082918-B

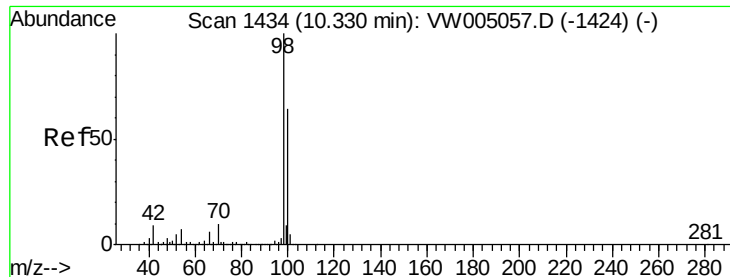
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.2	123.2
192	22.4	18.1	27.1



#40
Benzene
Concen: 1.49 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VW005066.D
Acq: 01 Sep 2018 05:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.5	19.4	29.0





#50

Toluene-d8

Concen: 32.37 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW005066.D

Acq: 01 Sep 2018 05:43

Instrument :

MSVOA_W

ClientSampleId :

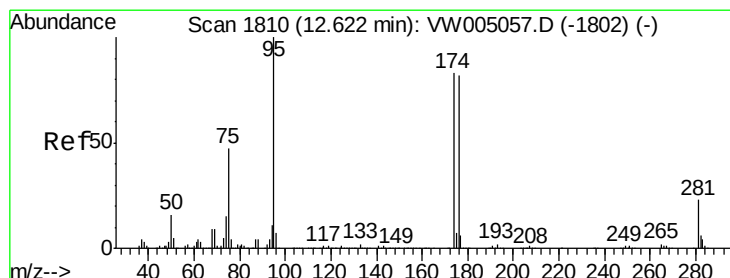
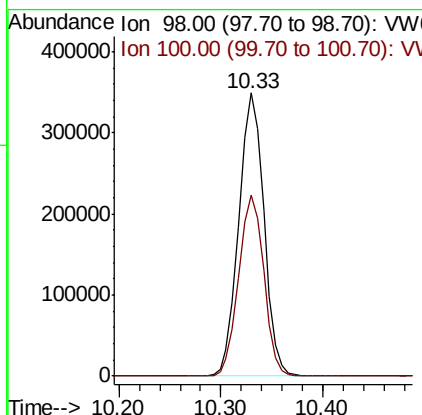
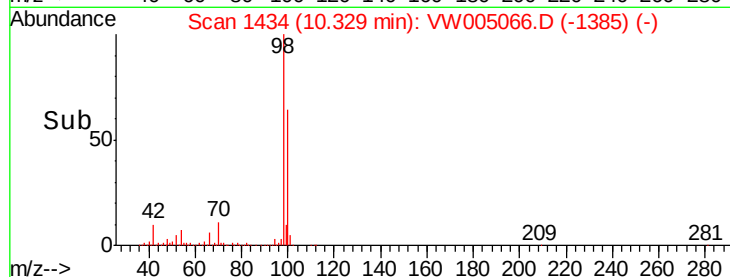
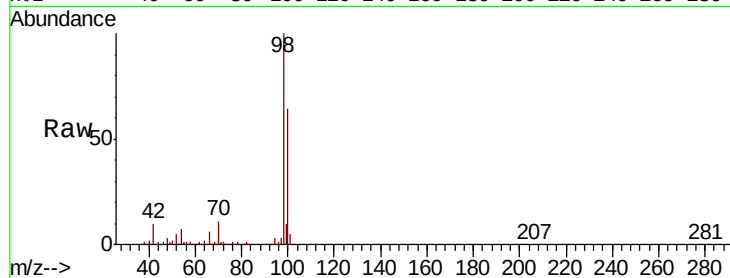
CL-02-082918-B

Tot Ion: 98 Resp: 597265

Ion Ratio Lower Upper

98 100

100 63.8 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 29.08 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW005066.D

Acq: 01 Sep 2018 05:43

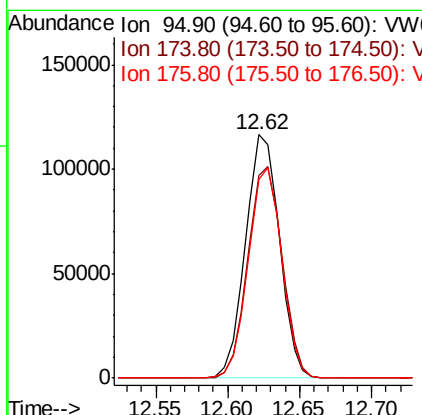
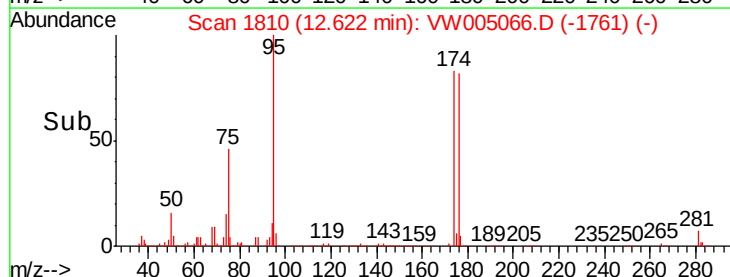
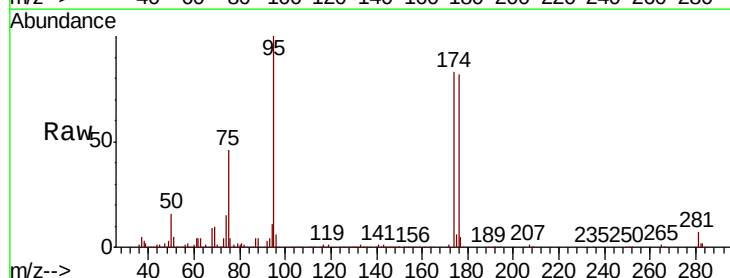
Tgt Ion: 95 Resp: 189196

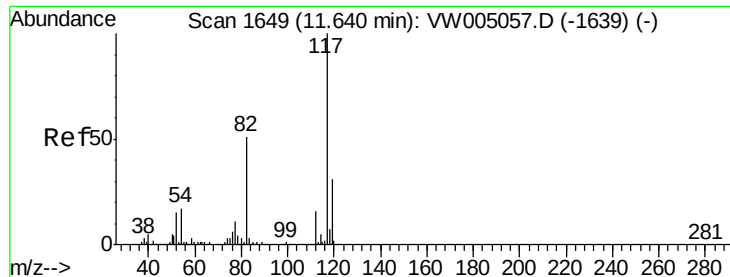
Ion Ratio Lower Upper

95 100

174 88.3 0.0 173.4

176 85.8 0.0 167.4

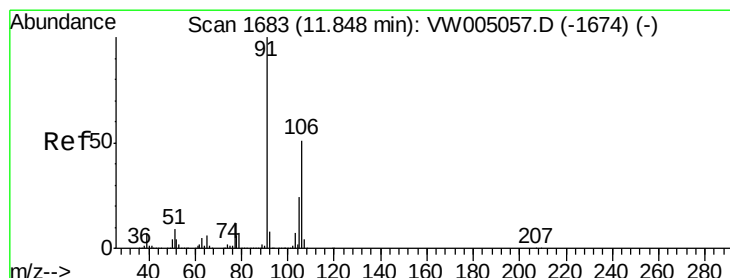
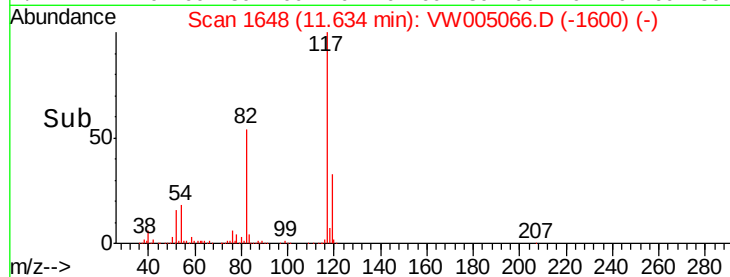
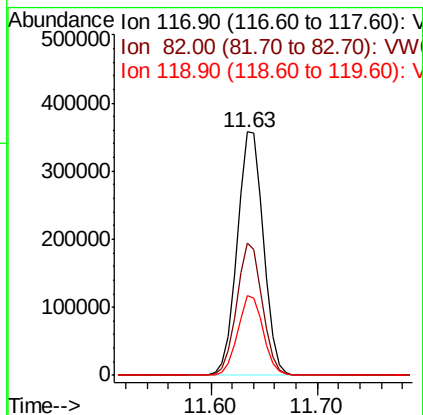
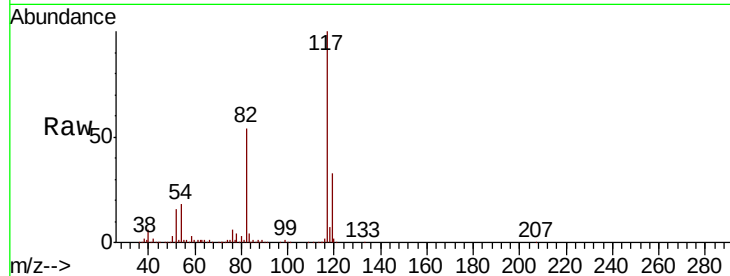




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005066.D
Acq: 01 Sep 2018 05:43

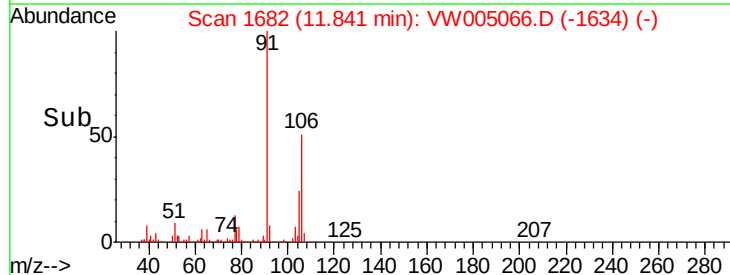
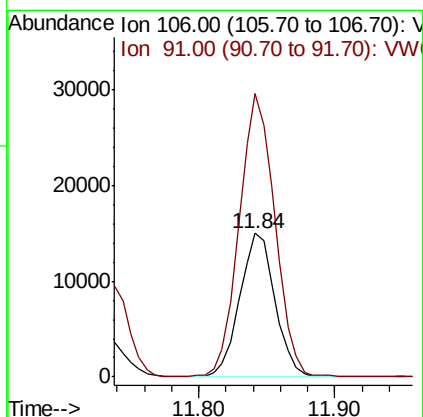
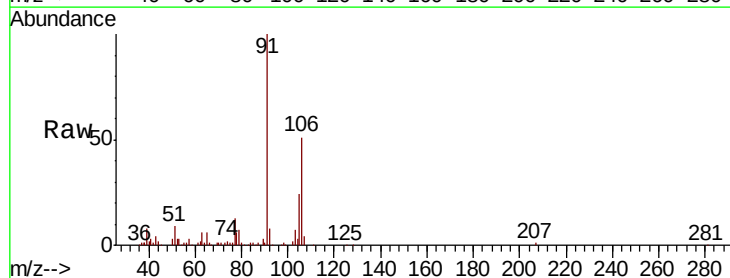
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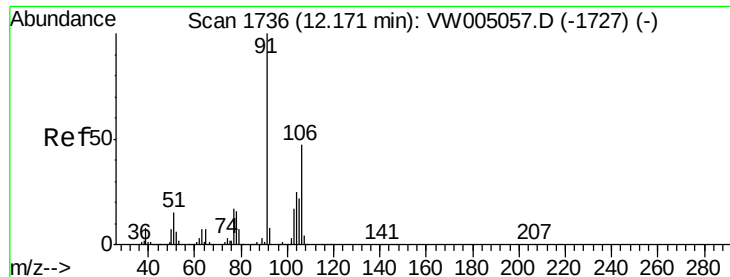
Tot Ion:117 Resp: 617923
Ion Ratio Lower Upper
117 100
82 54.1 40.9 61.3
119 32.6 24.9 37.3



#68
m/p-Xylenes
Concen: 2.89 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW005066.D
Acq: 01 Sep 2018 05:43

Tgt Ion:106 Resp: 27223
Ion Ratio Lower Upper
106 100
91 199.6 158.4 237.6

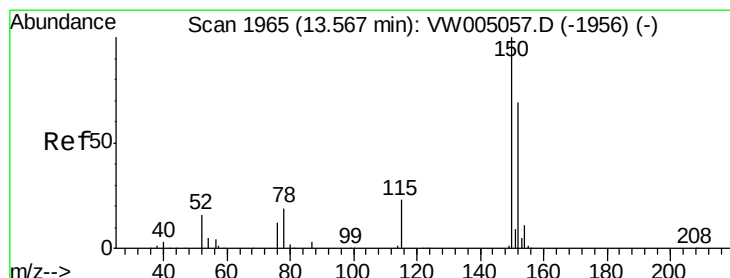
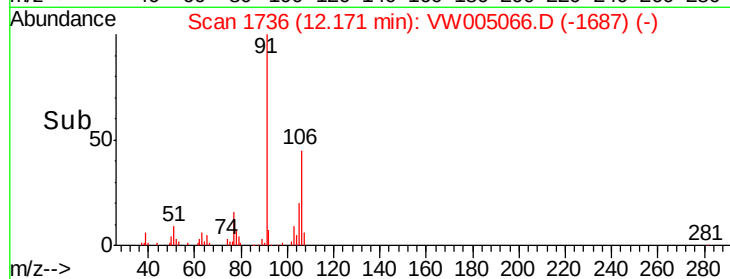
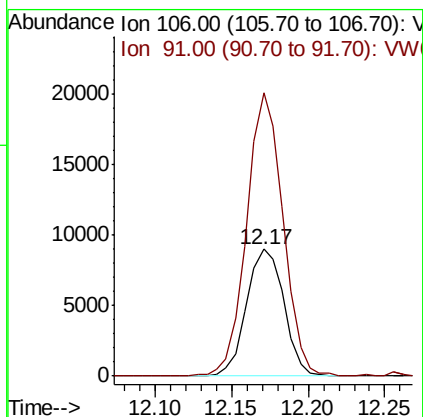
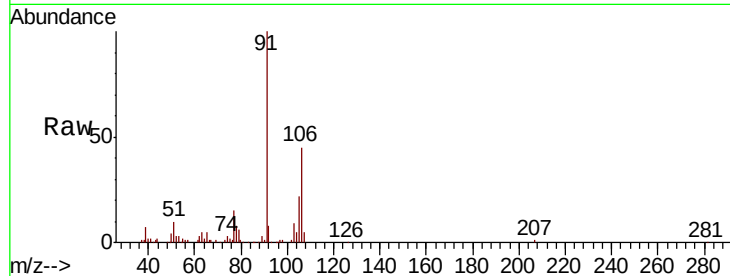




#69
o-Xylene
Concen: 1.75 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW005066.D
Acq: 01 Sep 2018 05:43

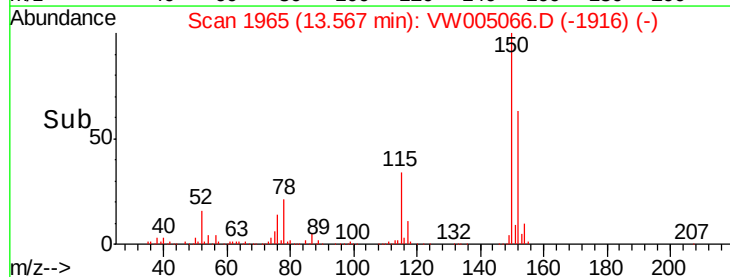
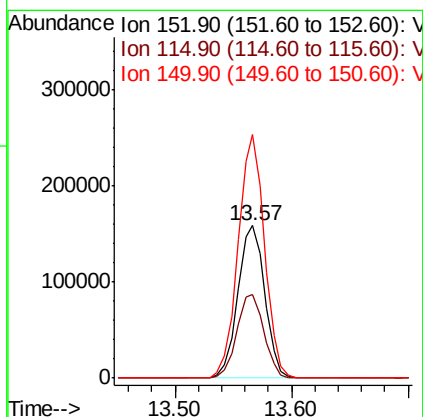
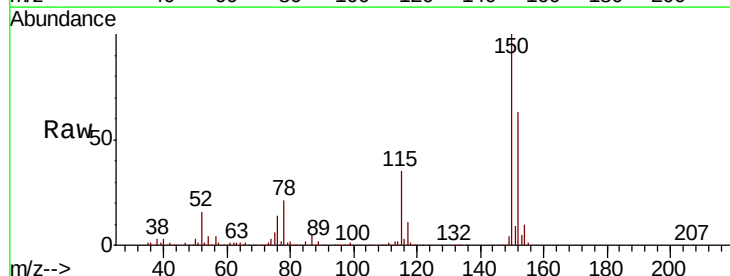
Instrument :
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CL-02-082918-B

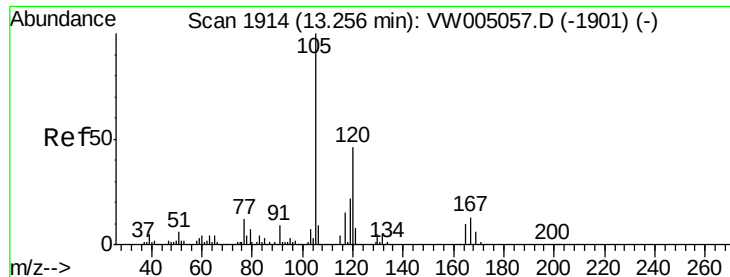
Tot Ion:106 Resp: 15220
Ion Ratio Lower Upper
106 100
91 218.4 105.6 316.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW005066.D
Acq: 01 Sep 2018 05:43

Tgt Ion:152 Resp: 255369
Ion Ratio Lower Upper
152 100
115 55.5 27.8 83.4
150 155.8 0.0 351.4

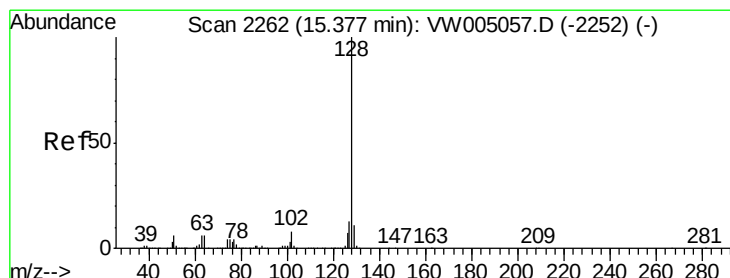
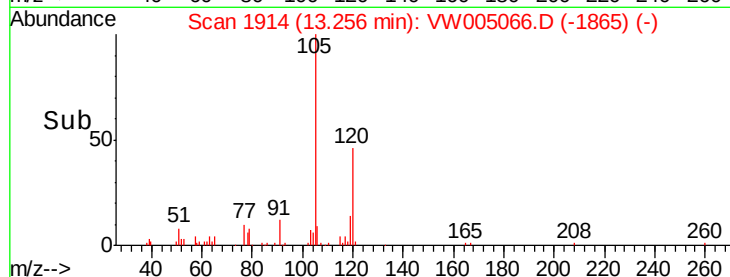
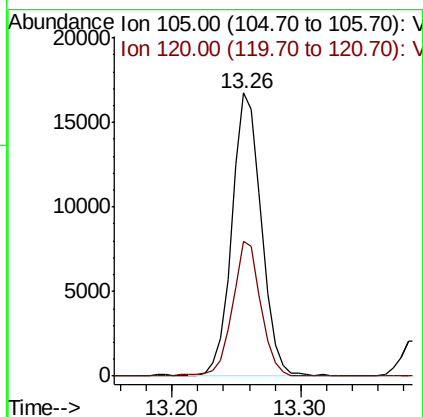
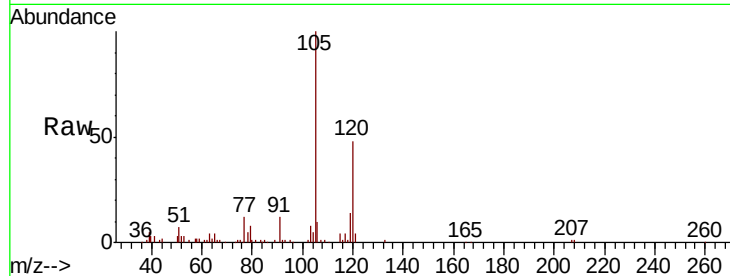




#84
 1,2,4-Trimethylbenzene
 Concen: 1.68 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW005066.D
 Acq: 01 Sep 2018 05:43

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-02-082918-B

Tot Ion:105 Resp: 26610
 Ion Ratio Lower Upper
 105 100
 120 45.4 23.1 69.3



#95
 Naphthalene
 Concen: 13.89 ug/l
 RT: 15.38 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VW005066.D
 Acq: 01 Sep 2018 05:43

Tgt Ion:128 Resp: 99141
 Ion Ratio Lower Upper
 128 100
 127 13.8 10.4 15.6
 129 11.5 8.7 13.1

