

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021519\
 Data File : VW008686.D
 Acq On : 15 Feb 2019 15:58
 Operator : SY/VA
 Sample : K1346-15
 Misc : 6.42G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-021419-E

Quant Time: Feb 16 01:39:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

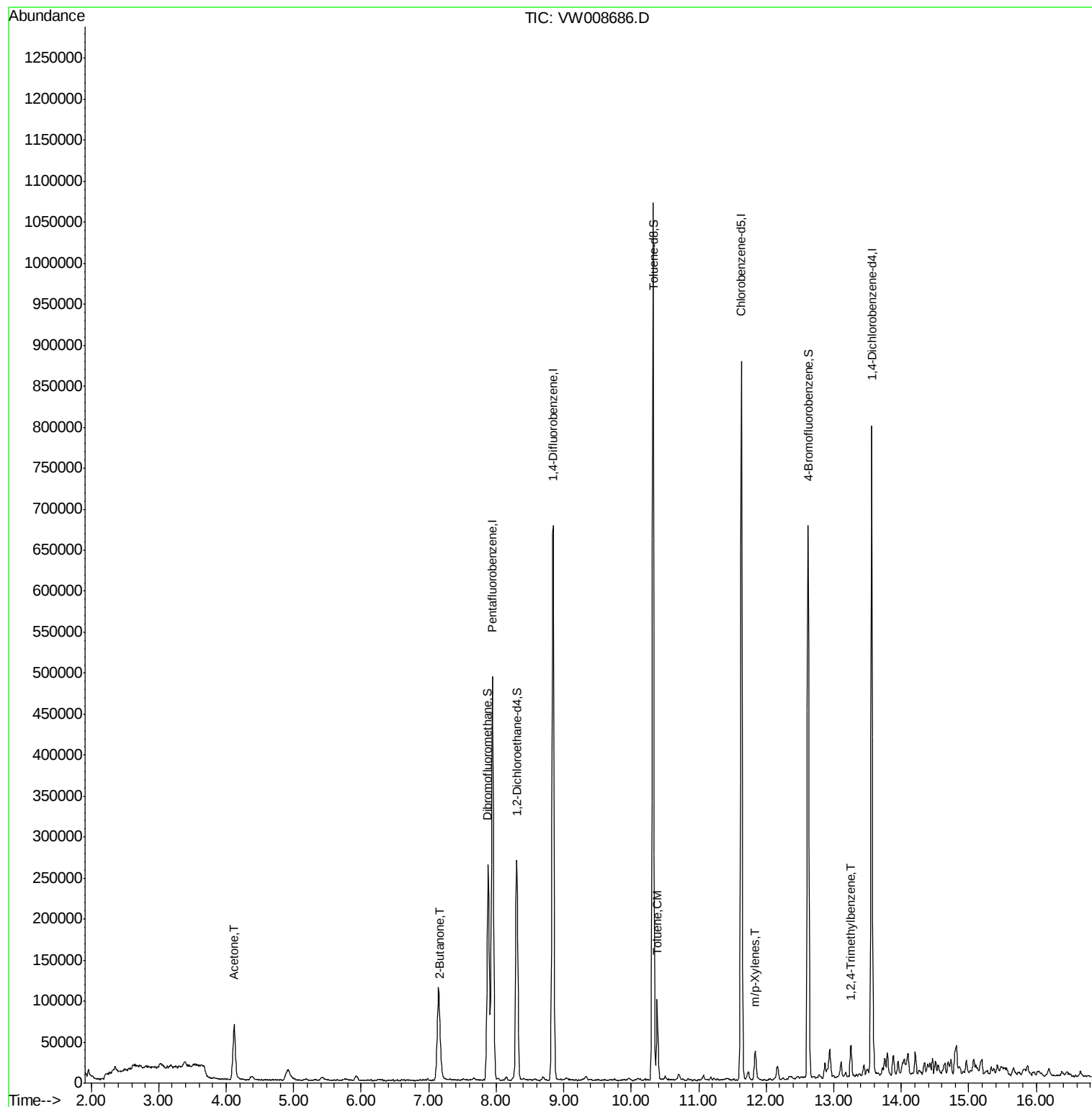
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	380102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	577311	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	486584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	202680	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	206098	52.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.30%	
35) Dibromofluoromethane	7.88	113	182227	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
50) Toluene-d8	10.32	98	675415	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
62) 4-Bromofluorobenzene	12.62	95	215748	41.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.90%	
Target Compounds						
16) Acetone	4.12	43	111300	123.773	ug/l	97
25) 2-Butanone	7.17	43	24490	19.287	ug/l #	88
52) Toluene	10.38	92	40744	3.987	ug/l	98
68) m/p-Xylenes	11.83	106	9163	1.261	ug/l	92
84) 1,2,4-Trimethylbenzene	13.25	105	21947	1.703	ug/l	100

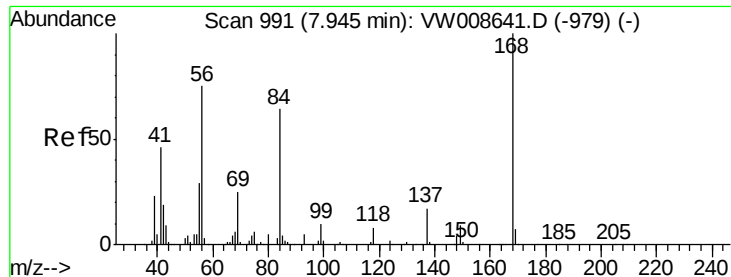
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW021519\
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Quant Title : SW846 8260
QLast Update : Thu Feb 14 04:06:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008686.D

Acq: 15 Feb 2019 15:58

Instrument :

MSVOA_W

ClientSampleId :

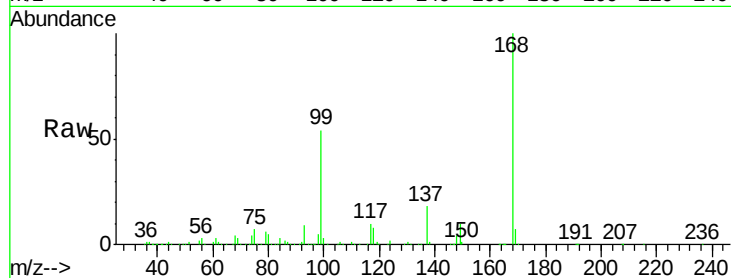
CL-01-021419-E

Tot Ion:168 Resp: 380102

Ion Ratio Lower Upper

168 100

99 53.9 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

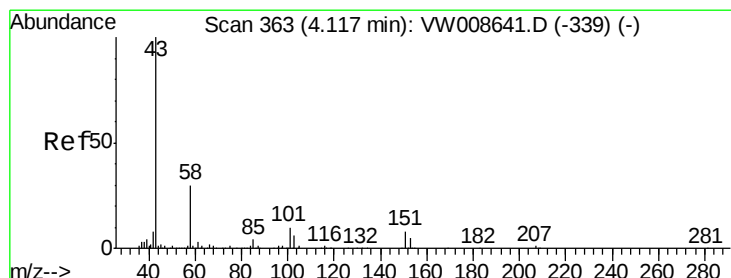
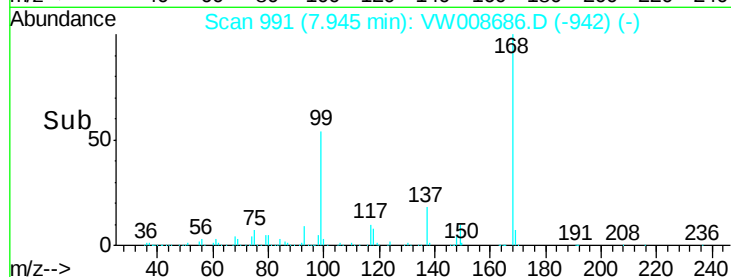
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 123.773 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW008686.D

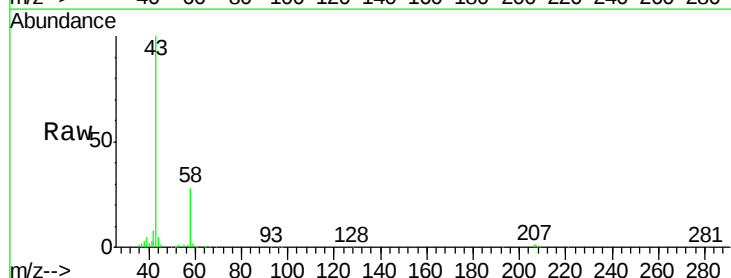
Acq: 15 Feb 2019 15:58

Tgt Ion: 43 Resp: 111300

Ion Ratio Lower Upper

43 100

58 28.5 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

50000

40000

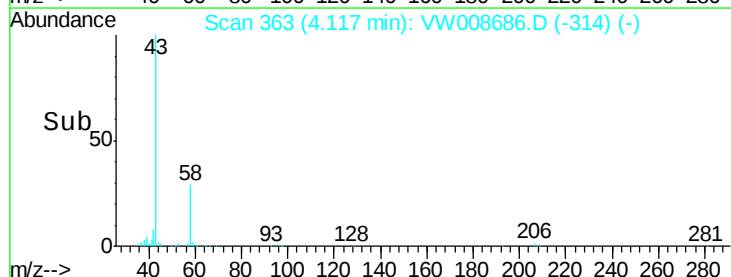
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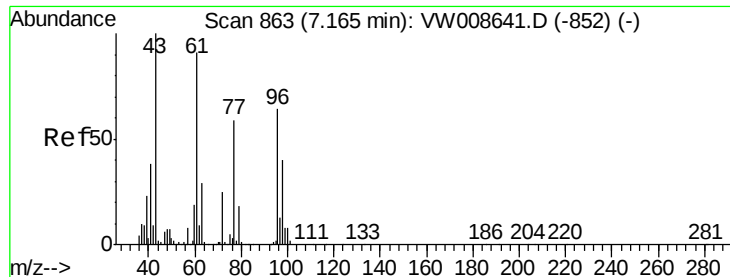
20000

10000

0

Time-->





#25

2-Butanone

Concen: 19.287 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW008686.D

Acq: 15 Feb 2019 15:58

Instrument :

MSVOA_W

ClientSampleId :

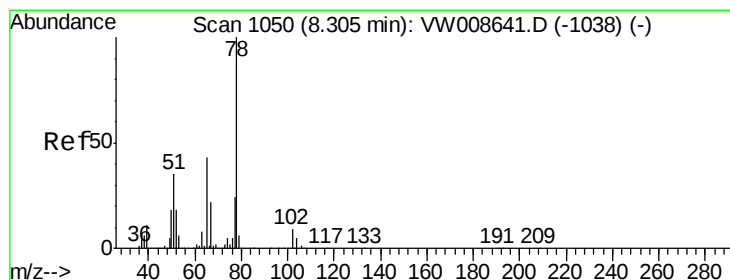
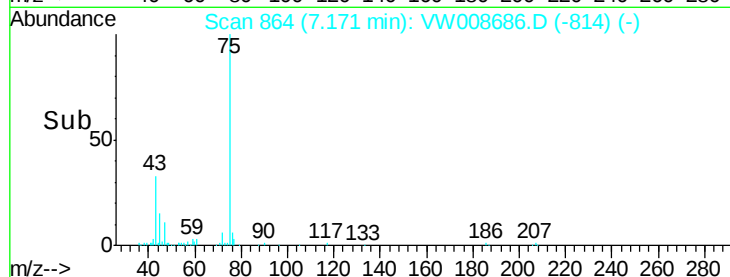
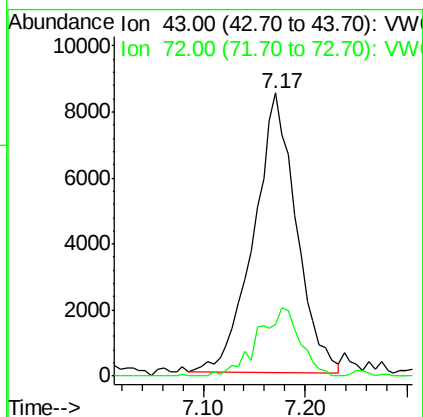
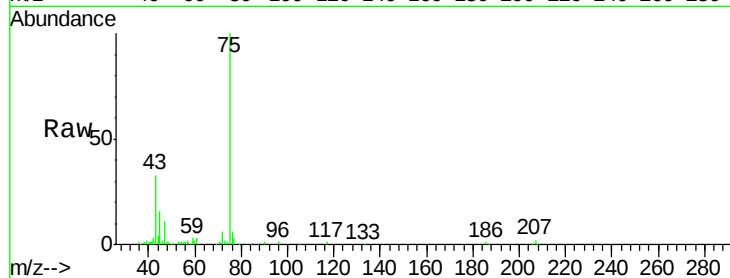
CL-01-021419-E

Tot Ion: 43 Resp: 24490

Ion Ratio Lower Upper

43 100

72 18.7 19.7 29.5#



#33

1,2-Dichloroethane-d4

Concen: 52.155 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008686.D

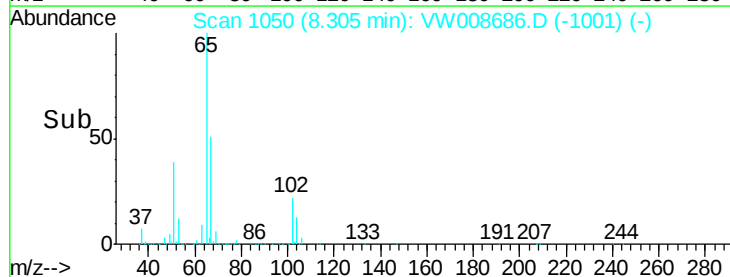
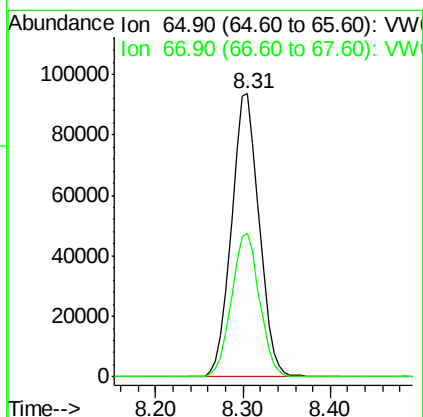
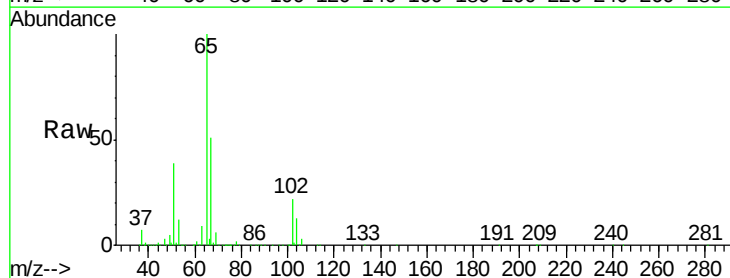
Acq: 15 Feb 2019 15:58

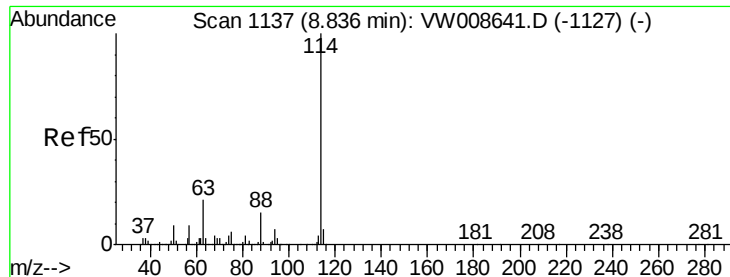
Tgt Ion: 65 Resp: 206098

Ion Ratio Lower Upper

65 100

67 51.3 0.0 102.0

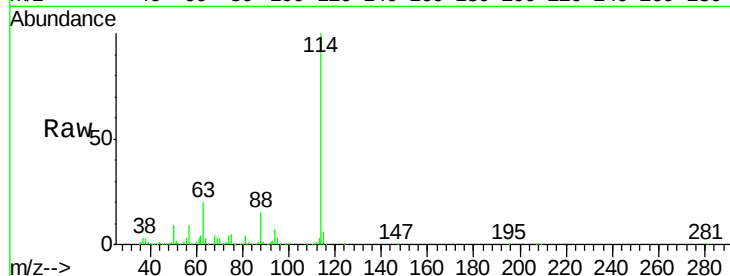




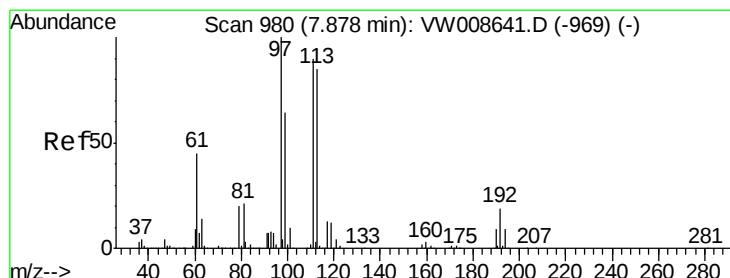
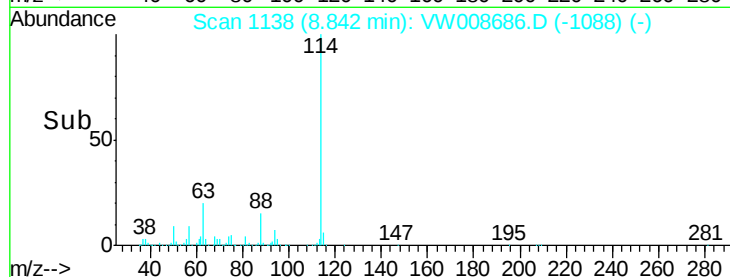
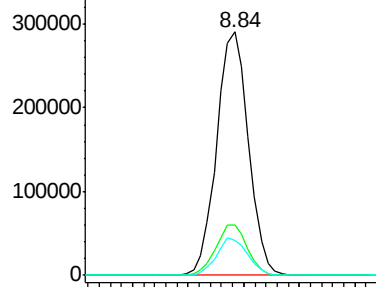
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VW008686.D
 Acq: 15 Feb 2019 15:58

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-021419-E

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	41.2
88	14.6	0.0	29.6

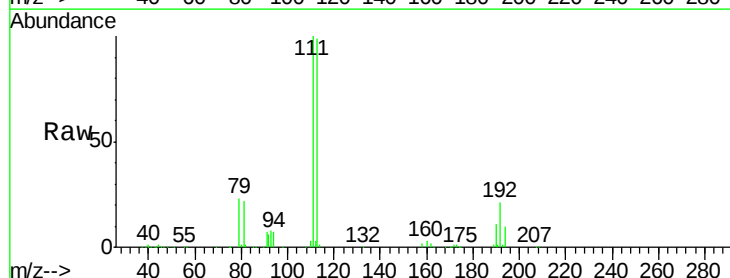


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VV
 Ion 87.90 (87.60 to 88.60): VV

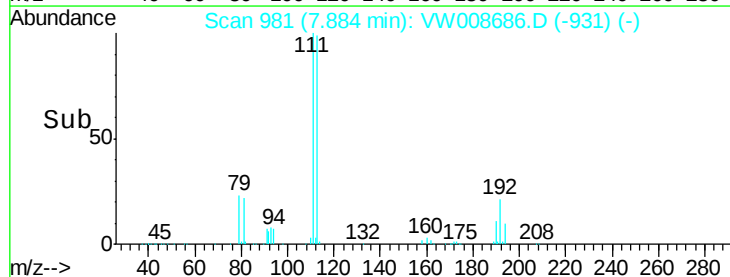
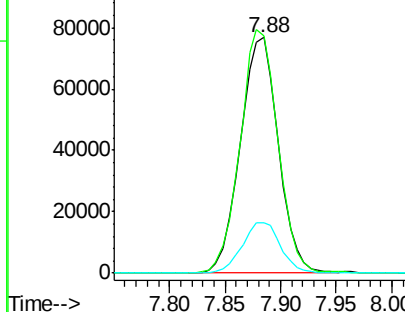


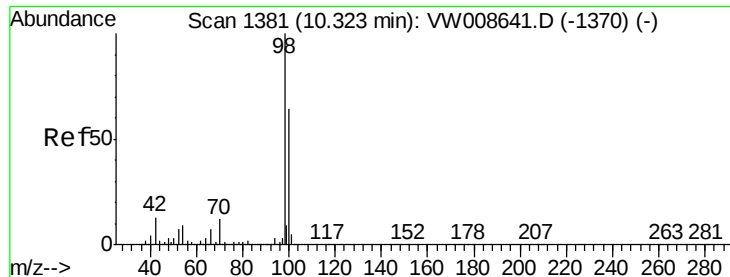
#35
 Dibromofluoromethane
 Concen: 50.834 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW008686.D
 Acq: 15 Feb 2019 15:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	84.0	126.0
192	21.6	17.4	26.2



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





#50

Toluene-d8

Concen: 48.877 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008686.D

Acq: 15 Feb 2019 15:58

Instrument :

MSVOA_W

ClientSampleId :

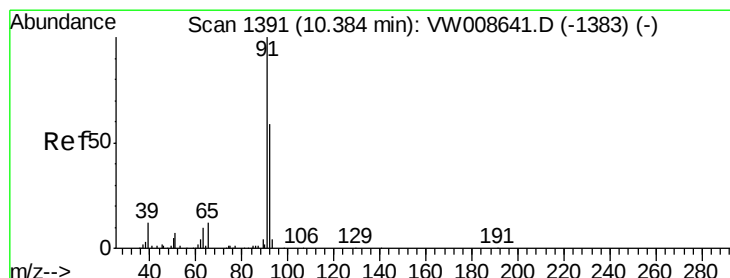
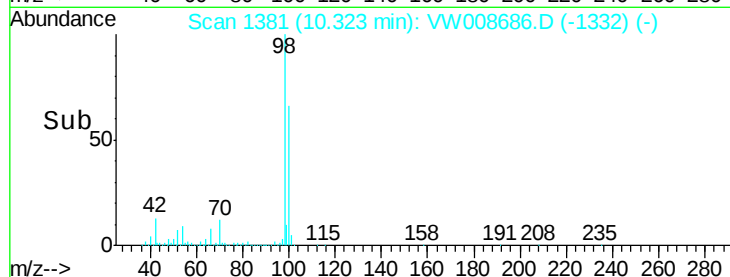
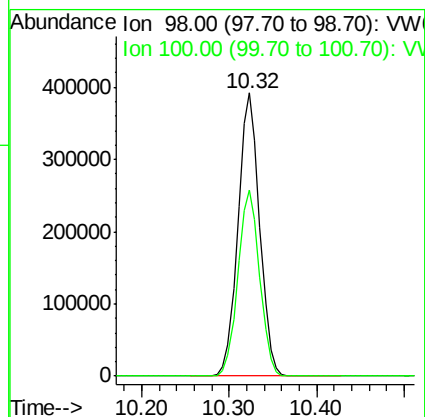
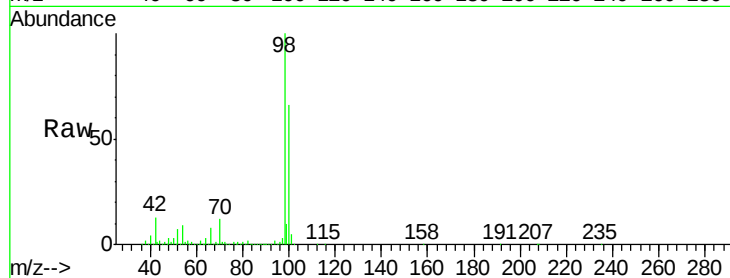
CL-01-021419-E

Tot Ion: 98 Resp: 675415

Ion Ratio Lower Upper

98 100

100 65.9 52.2 78.4



#52

Toluene

Concen: 3.987 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW008686.D

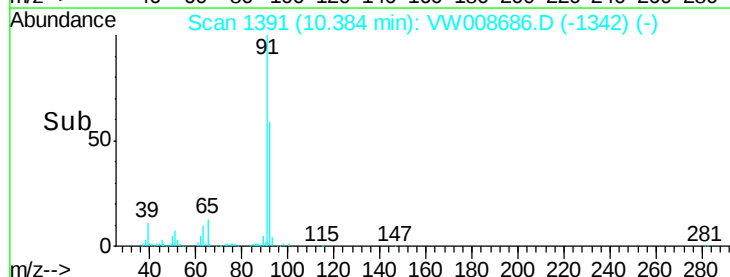
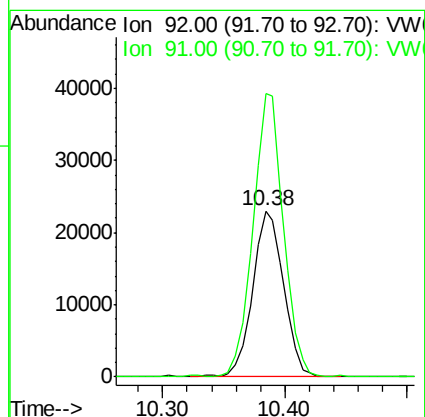
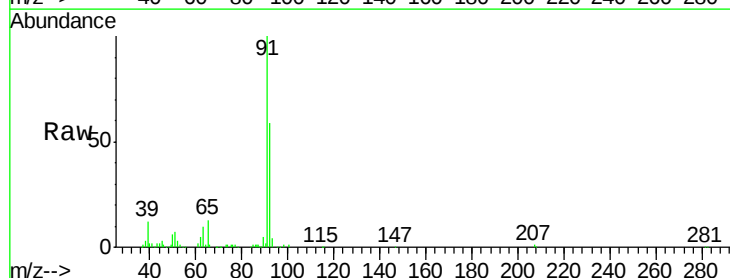
Acq: 15 Feb 2019 15:58

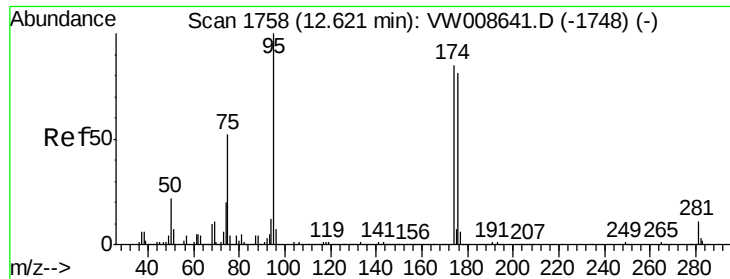
Tgt Ion: 92 Resp: 40744

Ion Ratio Lower Upper

92 100

91 166.5 135.8 203.6





#62

4-Bromofluorobenzene

Concen: 41.450 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008686.D

Acq: 15 Feb 2019 15:58

Instrument :

MSVOA_W

ClientSampleId :

CL-01-021419-E

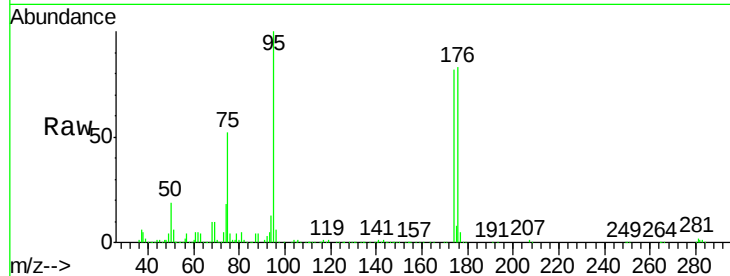
Tot Ion: 95 Resp: 215748

Ion Ratio Lower Upper

95 100

174 84.6 0.0 163.2

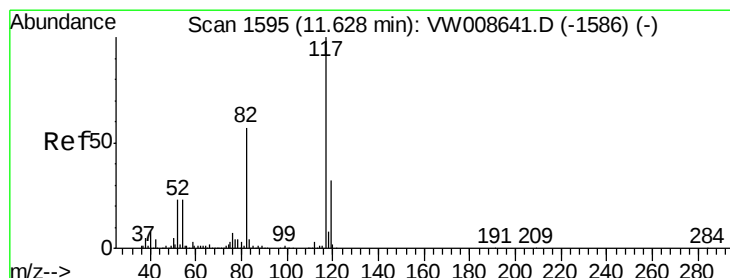
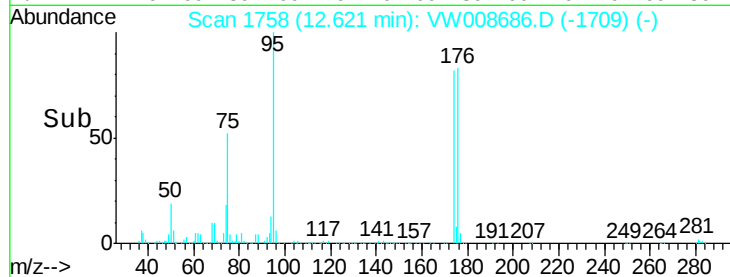
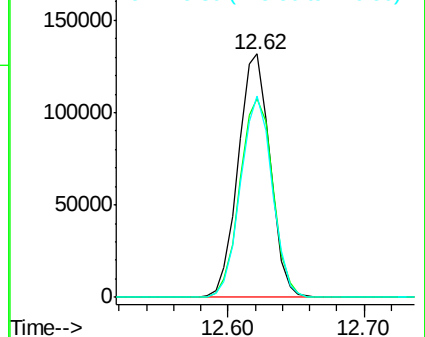
176 81.7 0.0 158.0



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.01 min

Lab File: VW008686.D

Acq: 15 Feb 2019 15:58

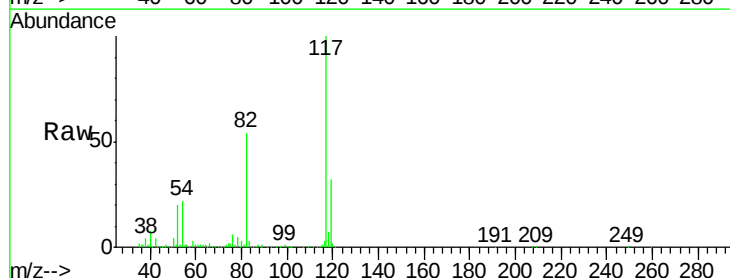
Tgt Ion: 117 Resp: 486584

Ion Ratio Lower Upper

117 100

82 53.9 45.6 68.4

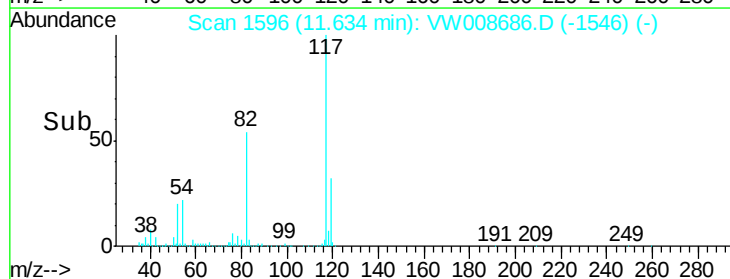
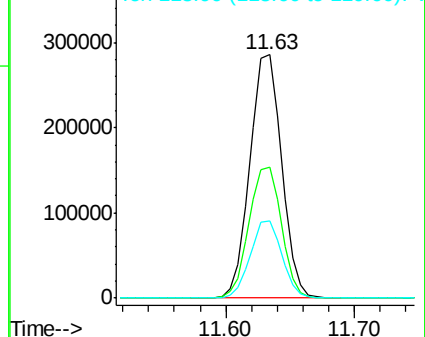
119 31.7 25.7 38.5

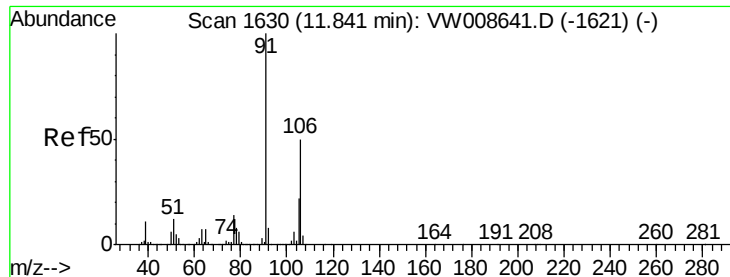


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

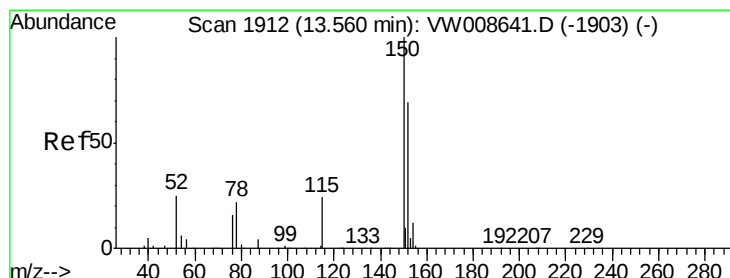
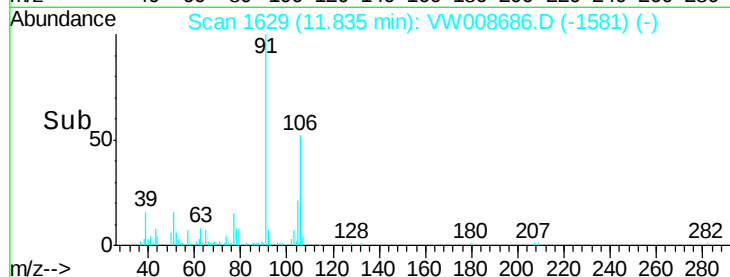
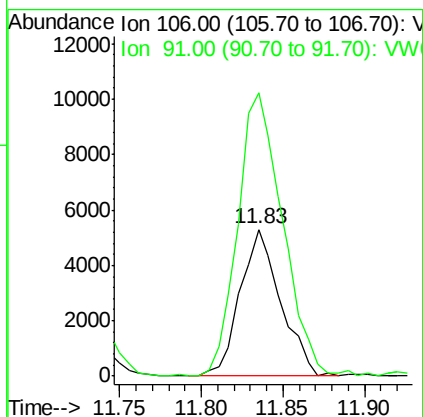
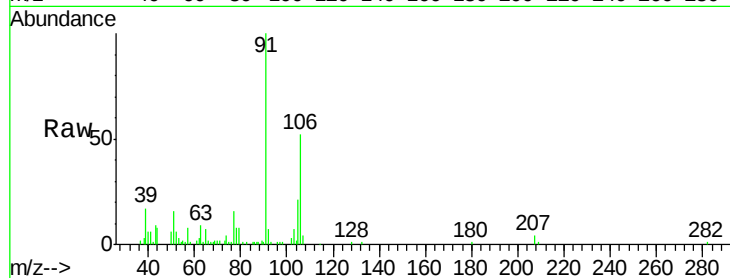




#68
m/p-Xvlenes
Concen: 1.261 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008686.D
Acq: 15 Feb 2019 15:58

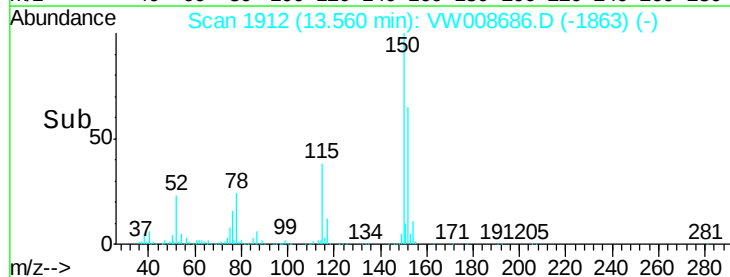
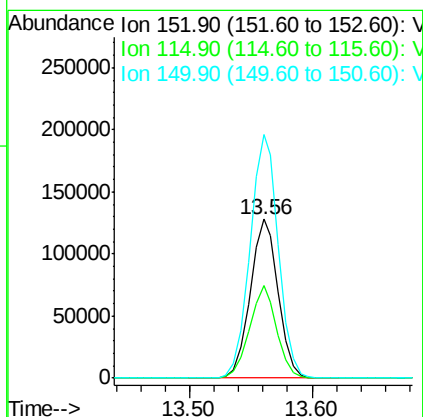
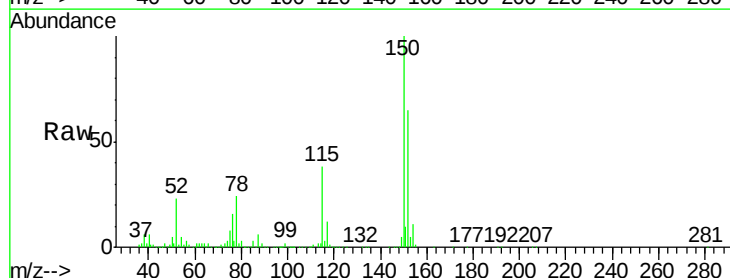
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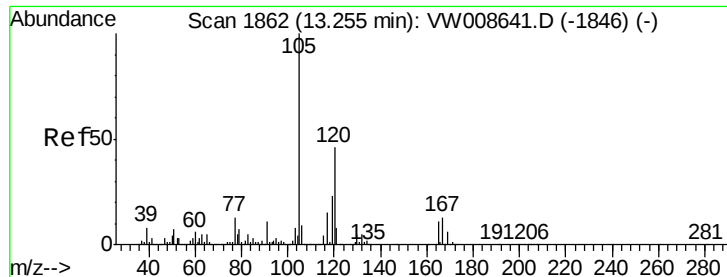
Tot Ion:106 Resp: 9163
Ion Ratio Lower Upper
106 100
91 213.2 161.0 241.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008686.D
Acq: 15 Feb 2019 15:58

Tgt Ion:152 Resp: 202680
Ion Ratio Lower Upper
152 100
115 56.7 29.3 87.8
150 154.8 0.0 352.8





#84

1,2,4-Trimethylbenzene

Concen: 1.703 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.01 min

Lab File: VW008686.D

Acq: 15 Feb 2019 15:58

Instrument :

MSVOA_W

ClientSampleId :

CL-01-021419-E

Tot Ion:105 Resp: 21947

Ion Ratio Lower Upper

105 100

120 45.8 22.9 68.8

