

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020419\
 Data File : VW008515.D
 Acq On : 04 Feb 2019 21:16
 Operator : SY/VA
 Sample : K1346-05
 Misc : 6.39G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-02-020419-C

Quant Time: Feb 05 04:17:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

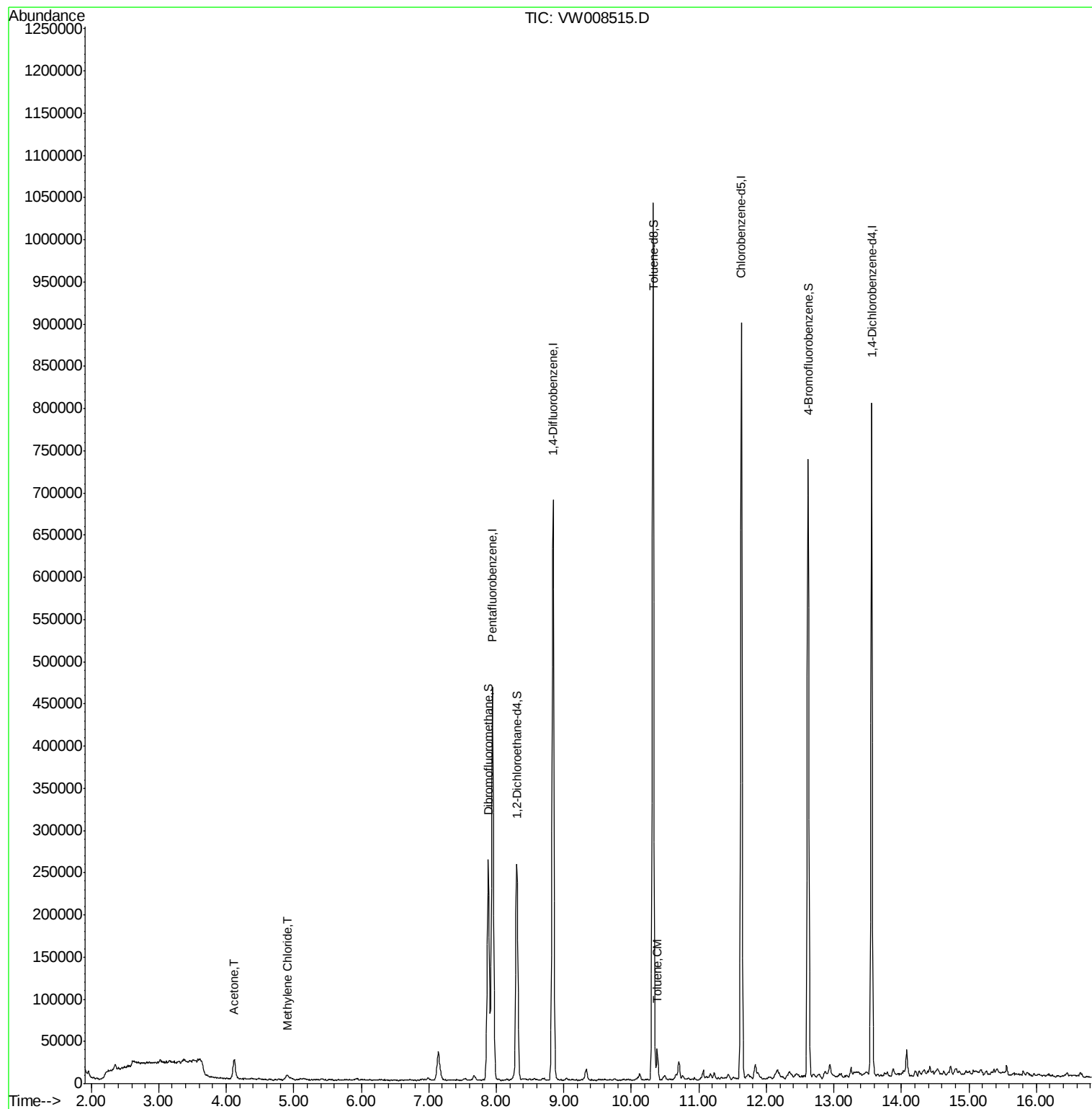
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	357760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	573838	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	498276	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	204071	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	189752	53.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.98%	
35) Dibromofluoromethane	7.88	113	180784	53.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.76%	
50) Toluene-d8	10.32	98	673025	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
62) 4-Bromofluorobenzene	12.62	95	229077	44.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.58%	
Target Compounds						
16) Acetone	4.12	43	40079	50.780	ug/l	96
20) Methylene Chloride	4.90	84	3894	1.070	ug/l #	80
52) Toluene	10.38	92	14188	1.429	ug/l	95

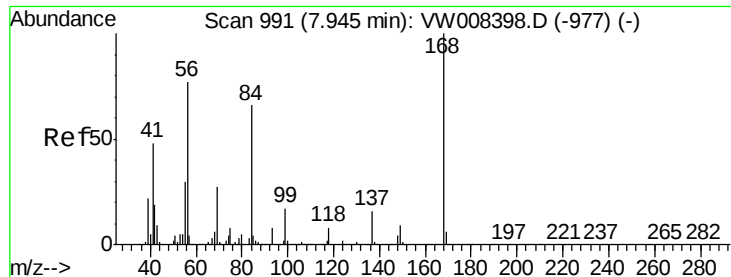
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW008515.D

Acq: 04 Feb 2019 21:16

Instrument :

MSVOA_W

ClientSampleId :

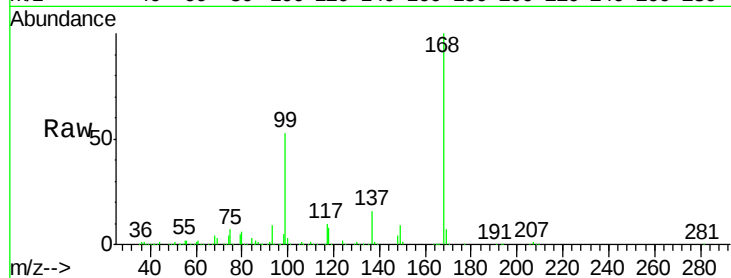
CL-02-020419-C

Tot Ion:168 Resp: 357760

Ion Ratio Lower Upper

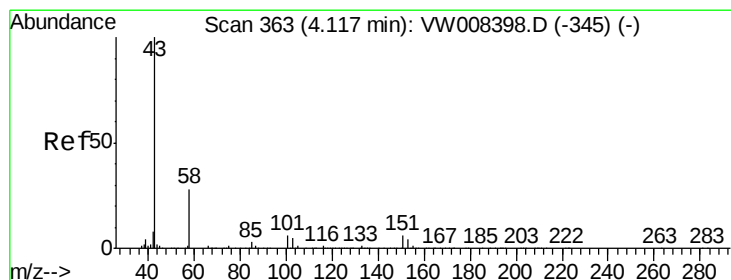
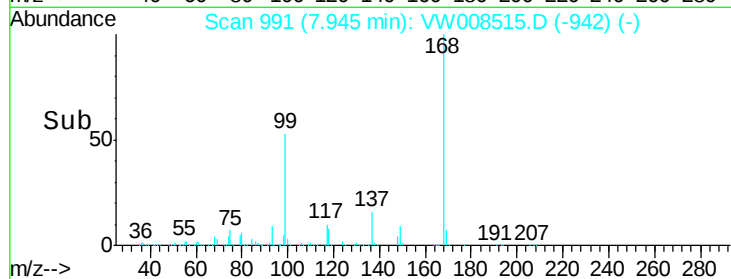
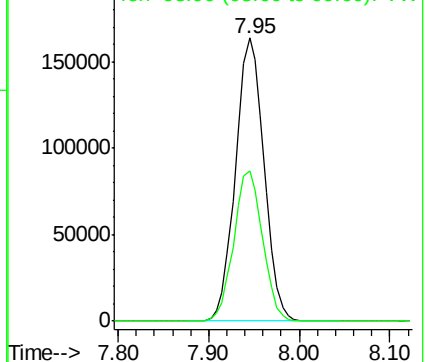
168 100

99 53.1 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 50.780 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008515.D

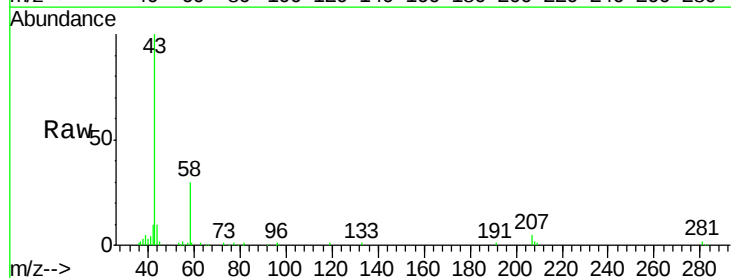
Acq: 04 Feb 2019 21:16

Tgt Ion: 43 Resp: 40079

Ion Ratio Lower Upper

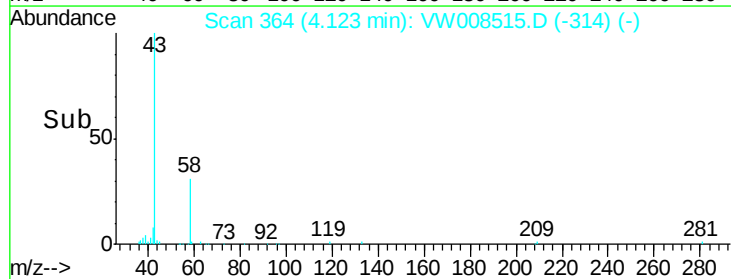
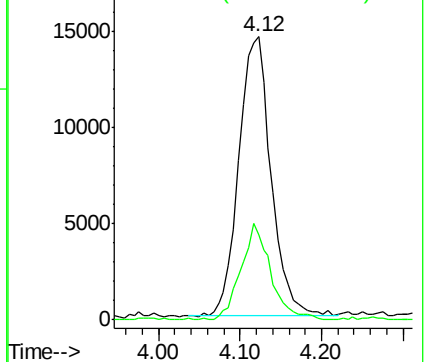
43 100

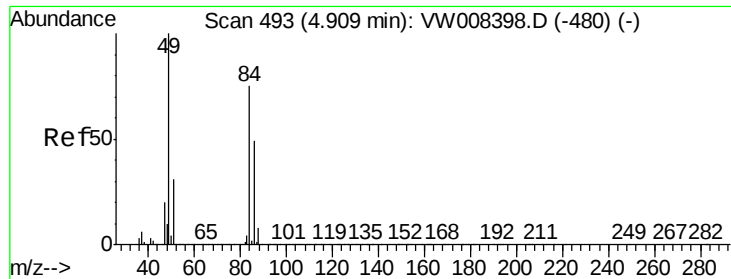
58 30.6 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

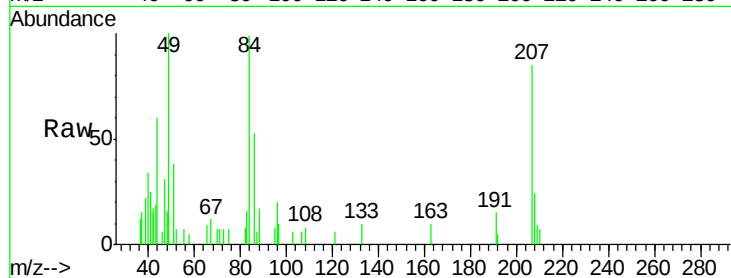




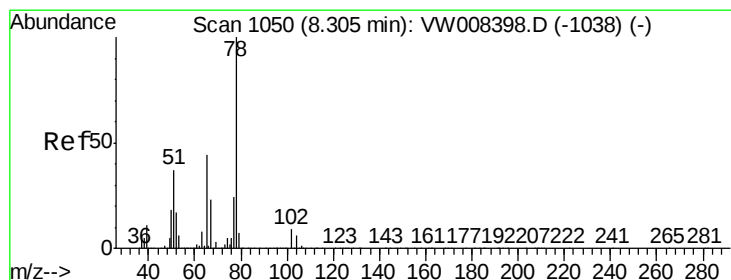
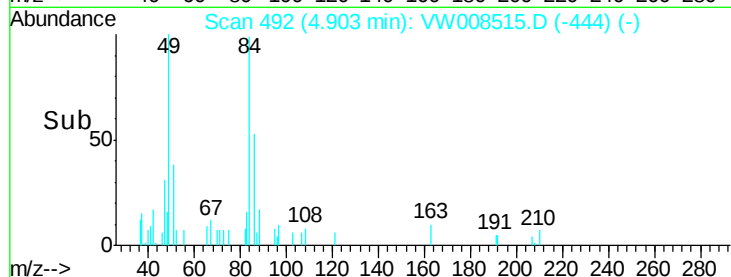
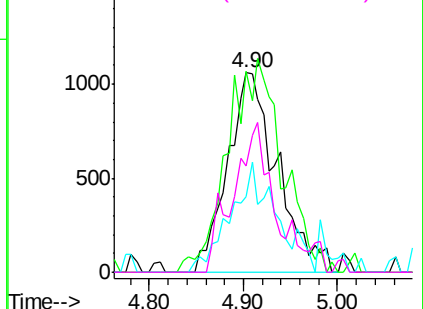
#20
Methvlene Chloride
Concen: 1.070 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008515.D
Acq: 04 Feb 2019 21:16

Instrument :
MSVOA_W
ClientSampleId :
CL-02-020419-C

Tot Ion: 84 Resp: 3894
Ion Ratio Lower Upper
84 100
49 100.8 106.8 160.2#
51 38.0 32.9 49.3
86 53.5 52.2 78.2

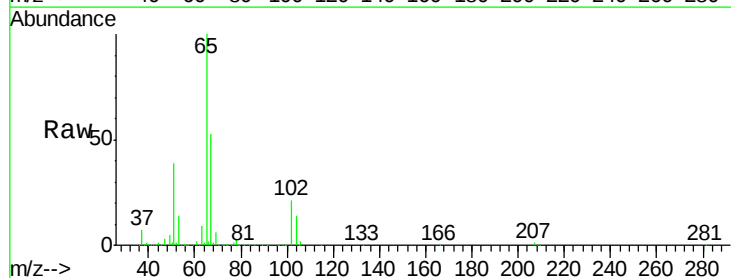


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

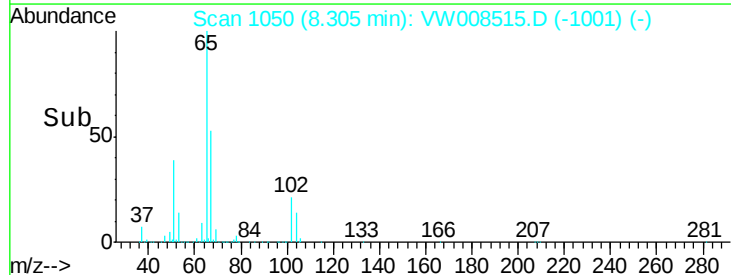
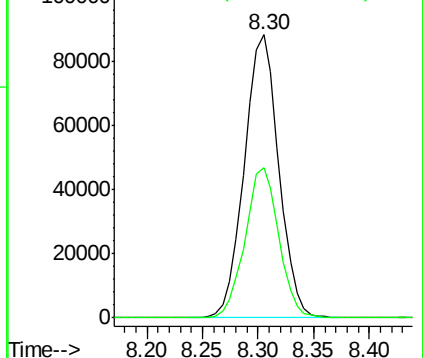


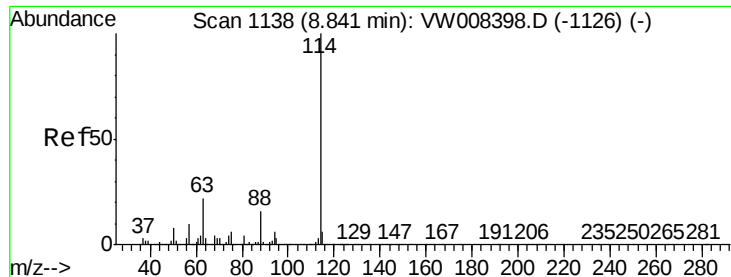
#33
1,2-Dichloroethane-d4
Concen: 53.989 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW008515.D
Acq: 04 Feb 2019 21:16

Tgt Ion: 65 Resp: 189752
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.0



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: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW008515.D

Acq: 04 Feb 2019 21:16

Instrument :

MSVOA_W

ClientSampleId :

CL-02-020419-C

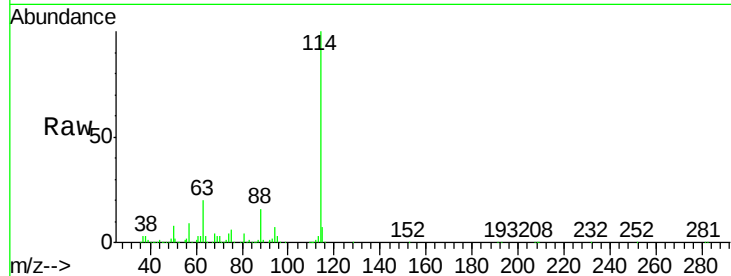
Tot Ion:114 Resp: 573838

Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.6

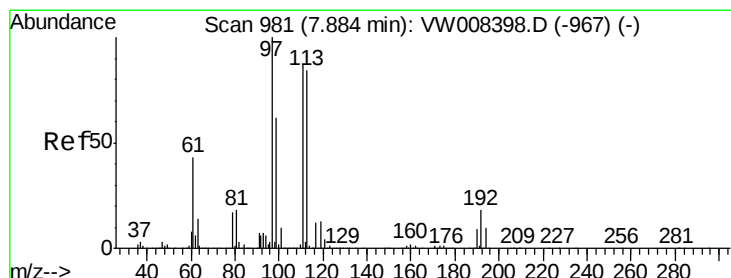
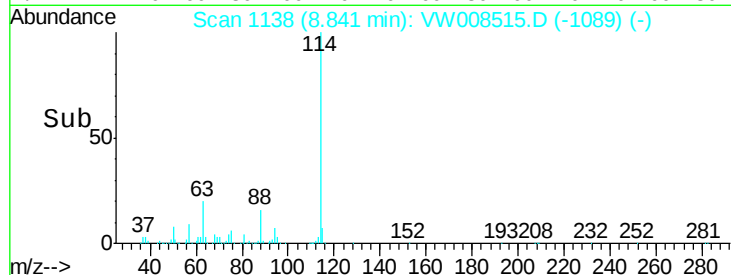
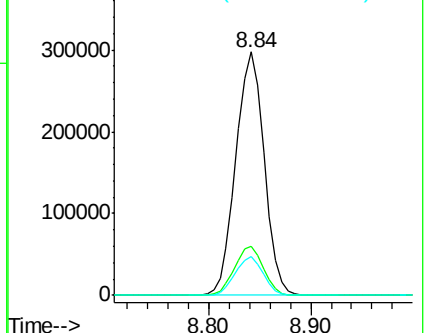
88 15.8 0.0 31.8



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: 53.878 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008515.D

Acq: 04 Feb 2019 21:16

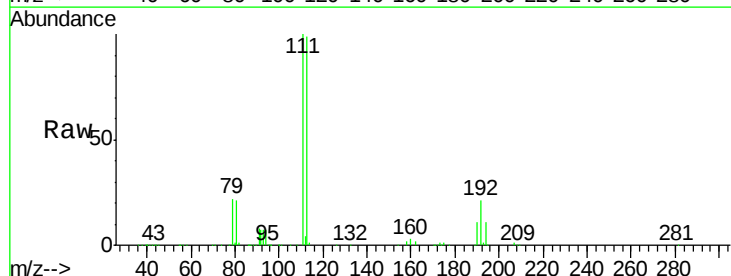
Tgt Ion:113 Resp: 180784

Ion Ratio Lower Upper

113 100

111 102.2 81.0 121.4

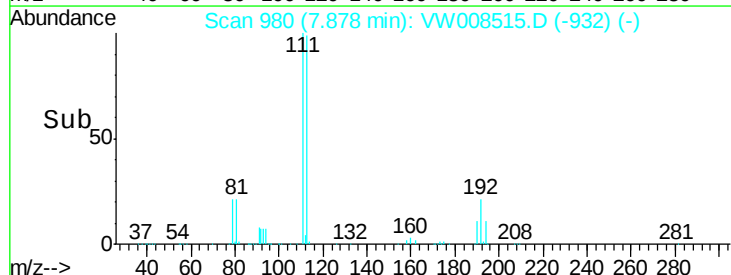
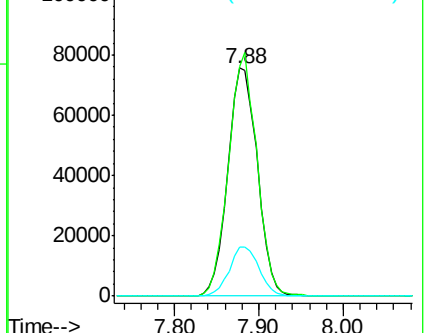
192 21.6 16.8 25.2

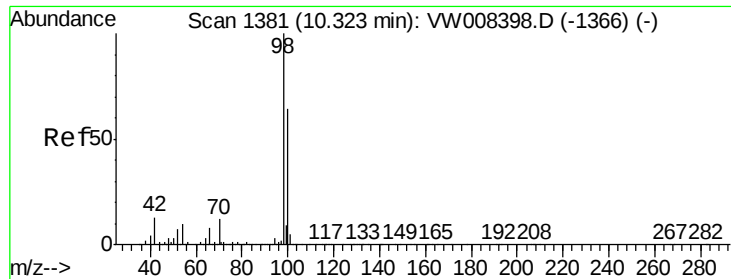


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.019 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008515.D

Acq: 04 Feb 2019 21:16

Instrument :

MSVOA_W

ClientSampleId :

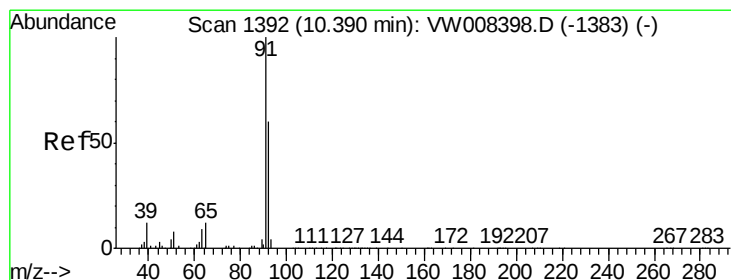
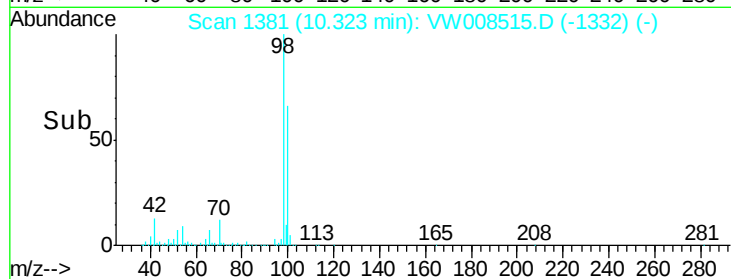
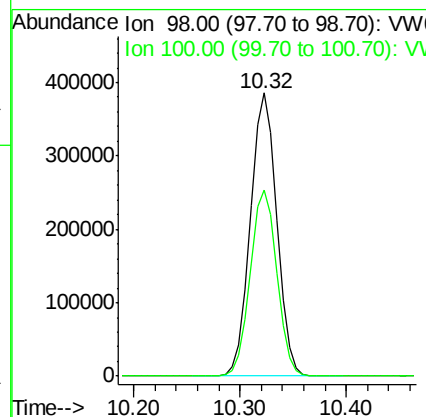
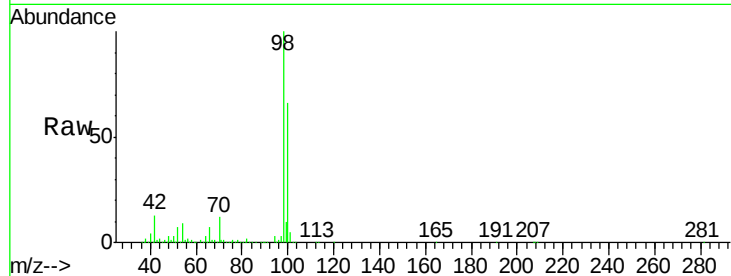
CL-02-020419-C

Tot Ion: 98 Resp: 673025

Ion Ratio Lower Upper

98 100

100 66.3 52.6 78.8



#52

Toluene

Concen: 1.429 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008515.D

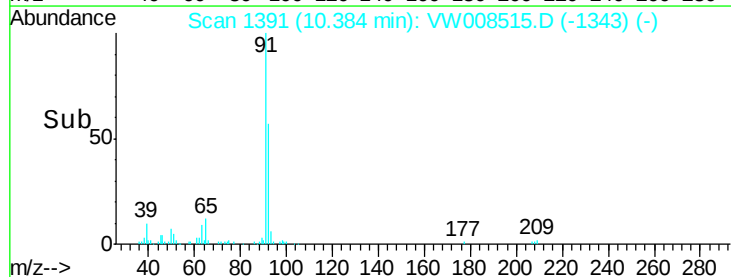
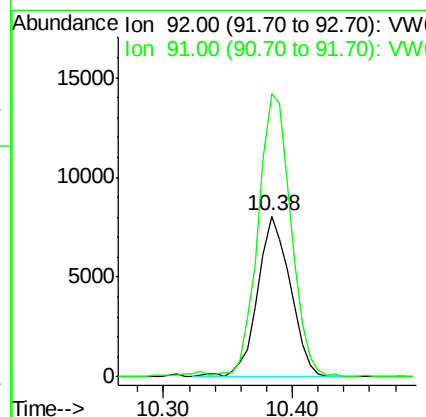
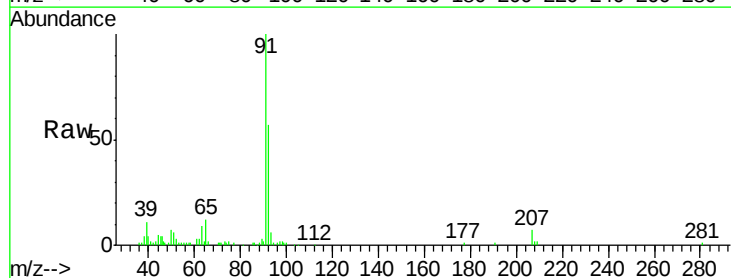
Acq: 04 Feb 2019 21:16

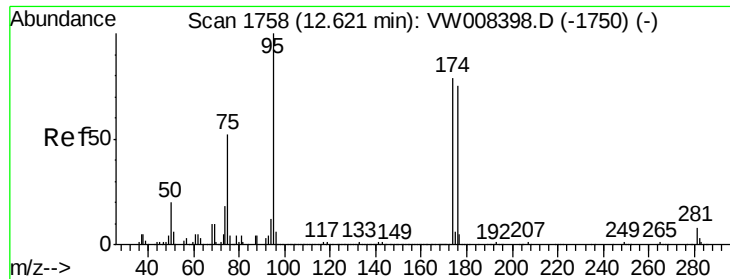
Tgt Ion: 92 Resp: 14188

Ion Ratio Lower Upper

92 100

91 176.0 135.5 203.3

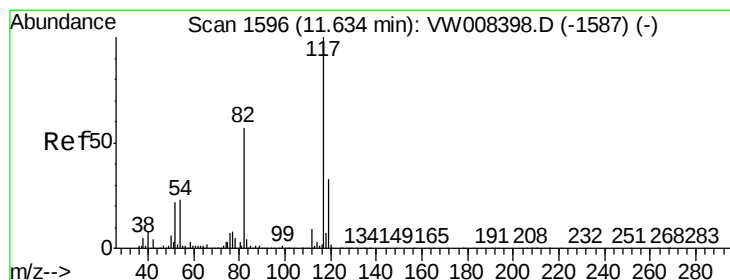
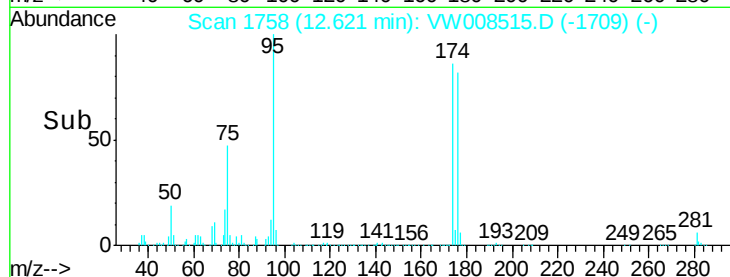
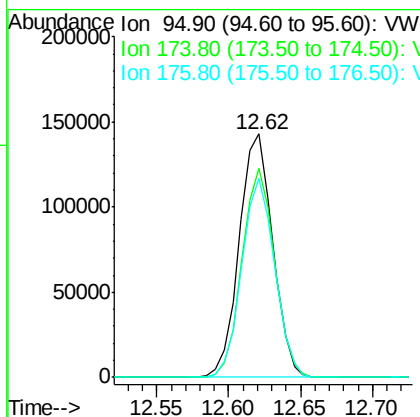
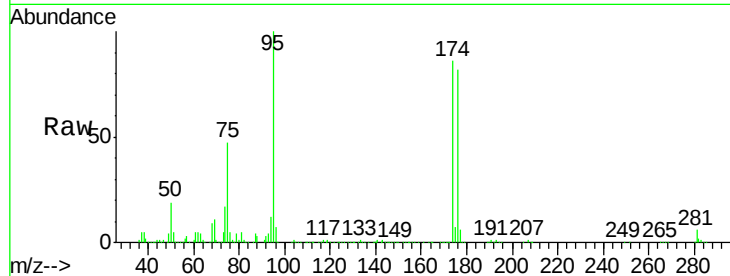




#62
4-Bromofluorobenzene
Concen: 44.291 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008515.D
Acq: 04 Feb 2019 21:16

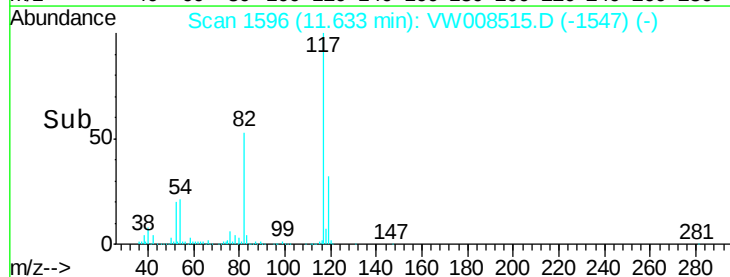
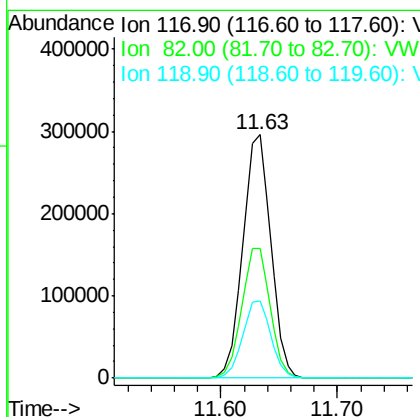
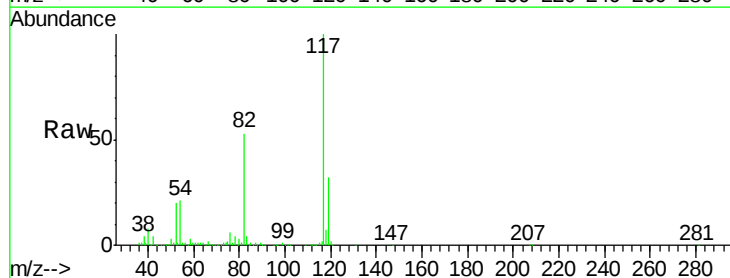
Instrument :
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CL-02-020419-C

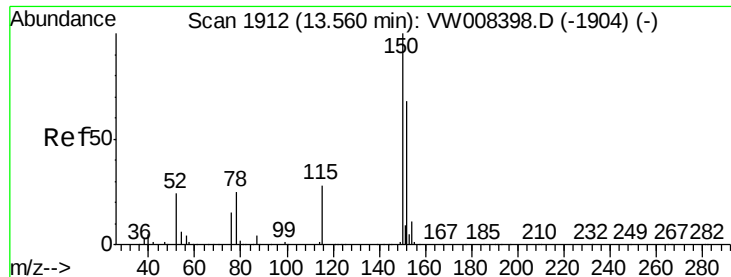
Tot Ion	95	Resp	229077
Ion Ratio	Lower	Upper	
95	100		
174	83.9	0.0	157.6
176	80.5	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008515.D
Acq: 04 Feb 2019 21:16

Tgt Ion	117	Resp	498276
Ion Ratio	Lower	Upper	
117	100		
82	53.2	45.4	68.0
119	31.8	26.2	39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008515.D

Acq: 04 Feb 2019 21:16

Instrument :

MSVOA_W

ClientSampleId :

CL-02-020419-C

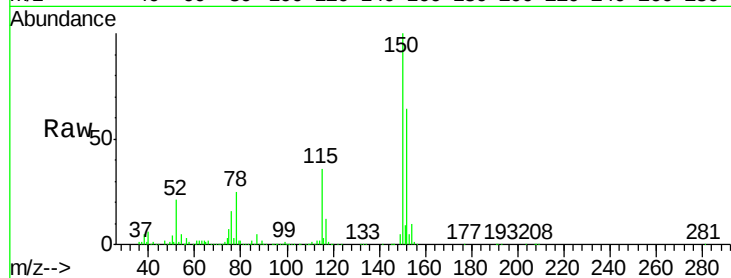
Tot Ion:152 Resp: 204071

Ion Ratio Lower Upper

152 100

115 56.8 29.9 89.7

150 156.4 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

