

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092618\
 Data File : VW005685.D
 Acq On : 27 Sep 2018 07:02
 Operator : VA/AP
 Sample : J4773-13RE
 Misc : 7.47G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-02-092518-BRE

Quant Time: Sep 27 08:05:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

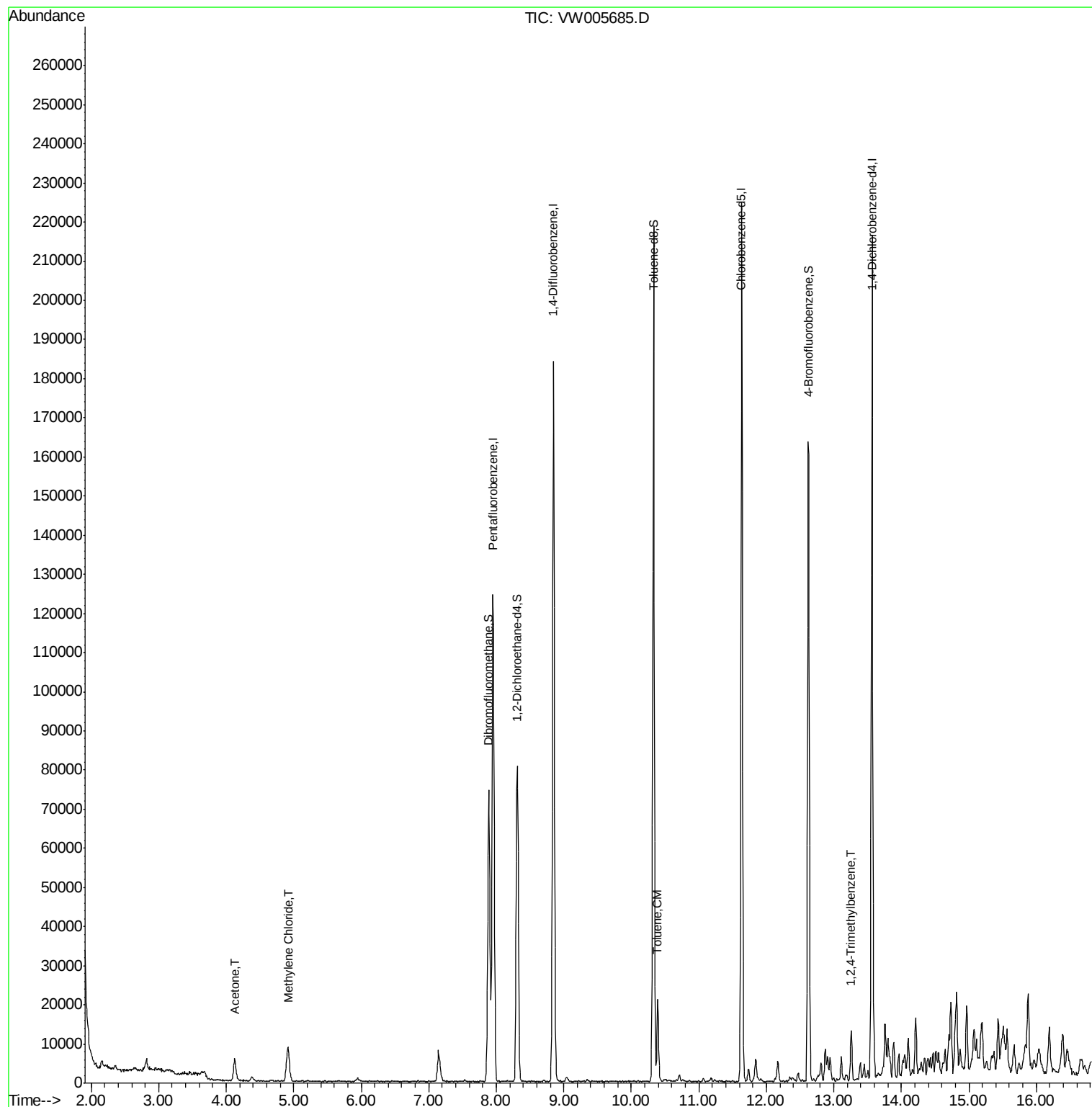
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	91904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	151453	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	125427	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	55956	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	68179	62.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.94%	
35) Dibromofluoromethane	7.88	113	52765	55.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.80%	
50) Toluene-d8	10.33	98	142446	36.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.46%	
62) 4-Bromofluorobenzene	12.62	95	52857	36.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.66%	
Target Compounds						
16) Acetone	4.12	43	9557	48.545	ug/l	99
20) Methylene Chloride	4.92	84	6370	2.991	ug/l	96
52) Toluene	10.39	92	8607	3.193	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	6591	1.936	ug/l	96

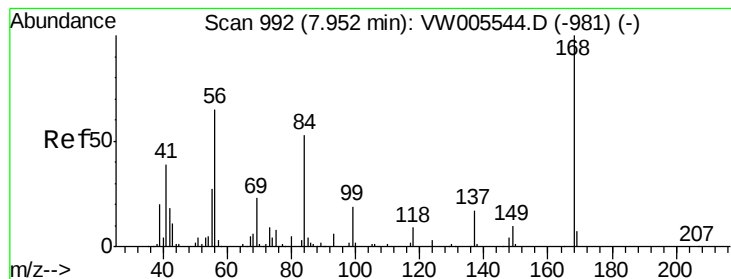
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092618\
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Quant Title : SW846 8260
QLast Update : Fri Sep 21 09:05:42 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: VW005685.D

Acq: 27 Sep 2018 07:02

Instrument :

MSVOA_W

ClientSampleId :

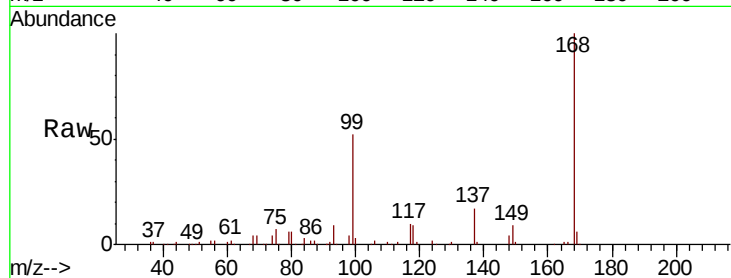
CL-02-092518-BRE

Tot Ion:168 Resp: 91904

Ion Ratio Lower Upper

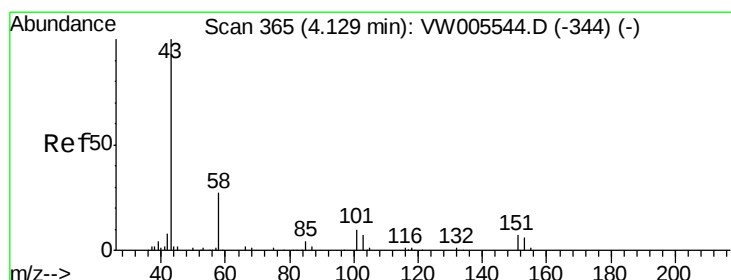
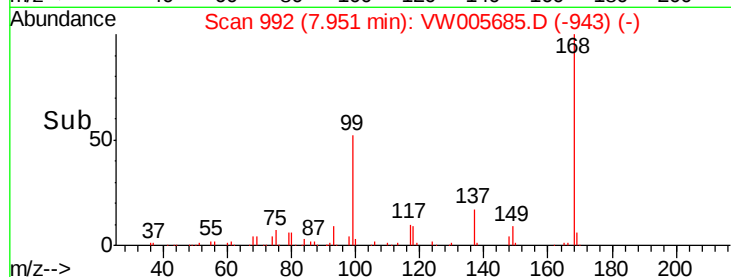
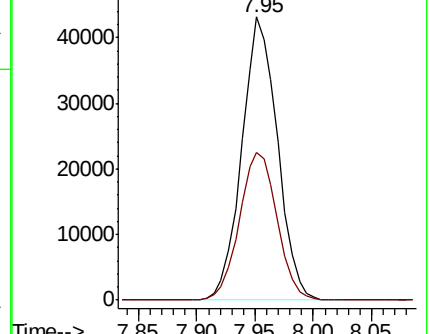
168 100

99 52.4 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 48.545 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW005685.D

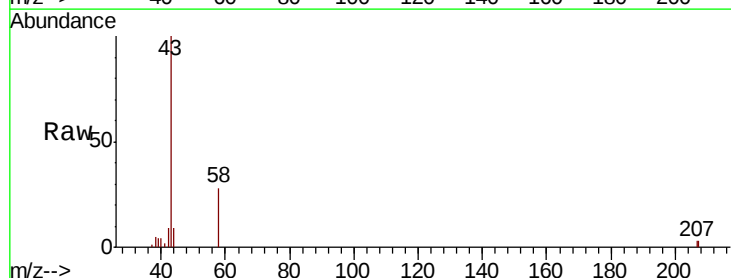
Acq: 27 Sep 2018 07:02

Tgt Ion: 43 Resp: 9557

Ion Ratio Lower Upper

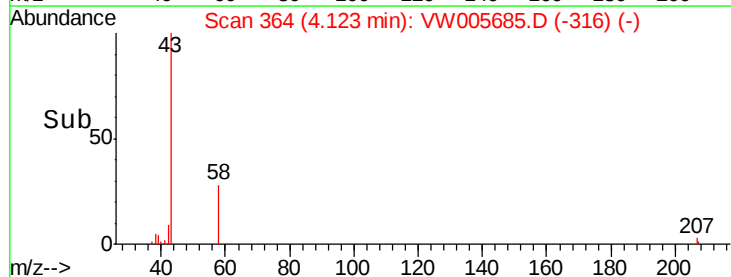
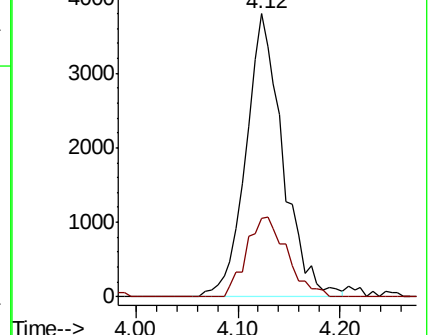
43 100

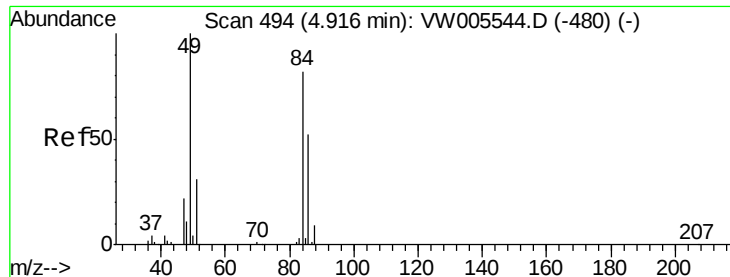
58 27.8 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 2.991 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW005685.D

Acq: 27 Sep 2018 07:02

Instrument :

MSVOA_W

ClientSampleId :

CL-02-092518-BRE

Tot Ion: 84 Resp: 6370

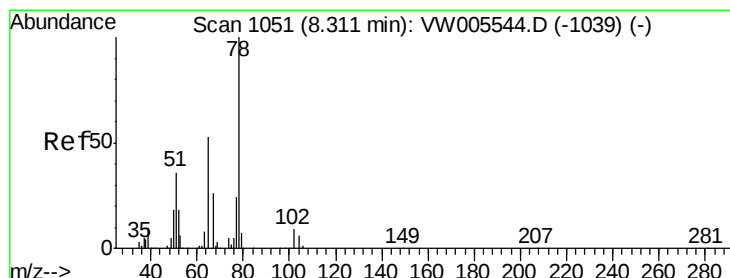
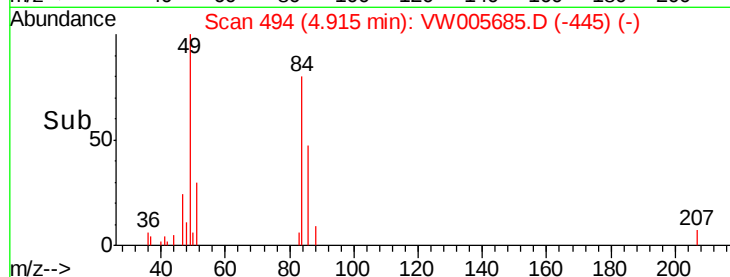
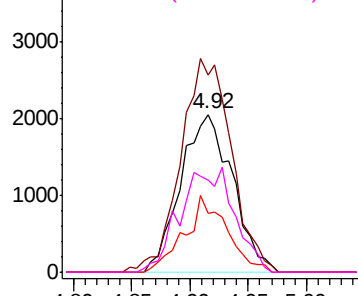
Ion	Ratio	Lower	Upper
84	100		
49	125.1	97.0	145.6
51	37.6	30.2	45.2
86	58.4	50.2	75.4

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: 62.972 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005685.D

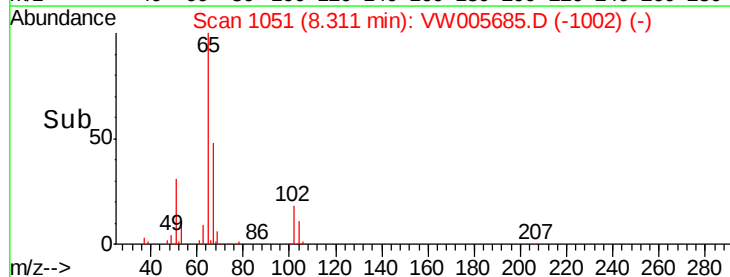
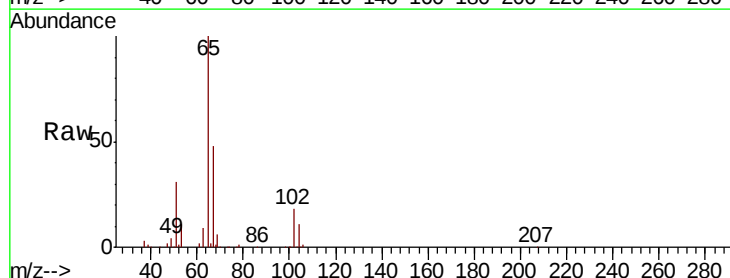
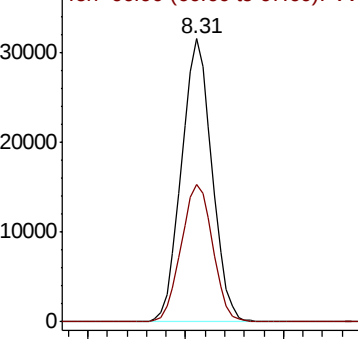
Acq: 27 Sep 2018 07:02

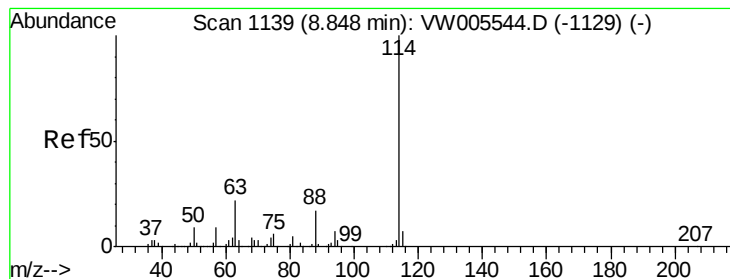
Tgt Ion: 65 Resp: 68179

Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	100.6

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: VW005685.D

Acq: 27 Sep 2018 07:02

Instrument :

MSVOA_W

ClientSampleId :

CL-02-092518-BRE

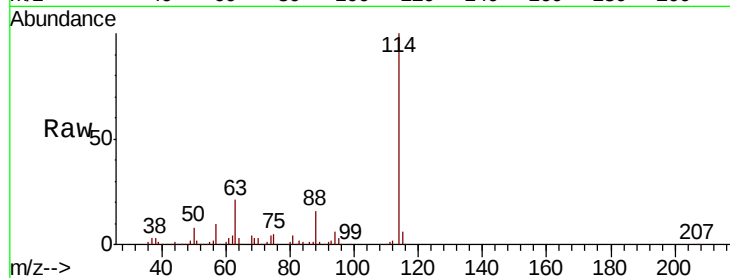
Tot Ion:114 Resp: 151453

Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.0

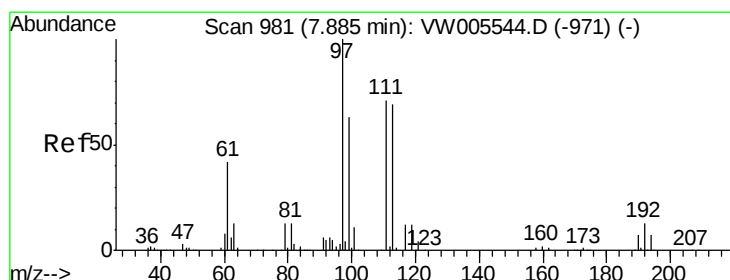
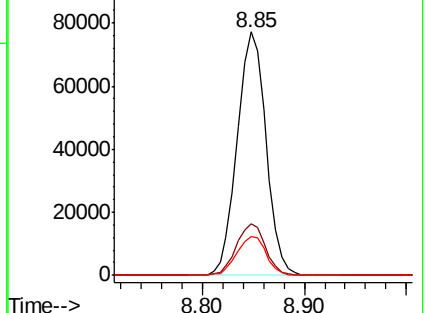
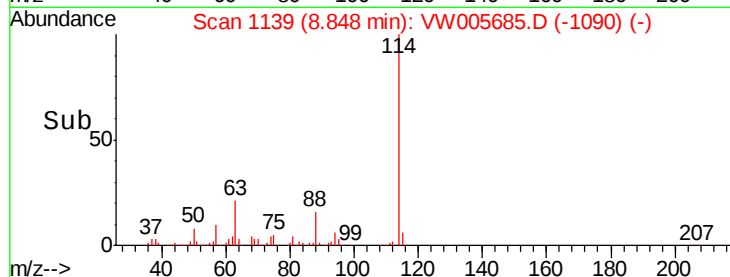
88 16.2 0.0 33.0



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: 55.400 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW005685.D

Acq: 27 Sep 2018 07:02

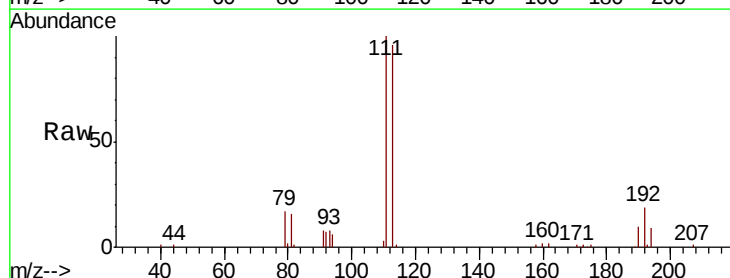
Tgt Ion:113 Resp: 52765

Ion Ratio Lower Upper

113 100

111 103.2 82.6 123.8

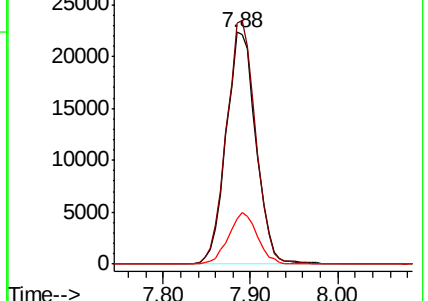
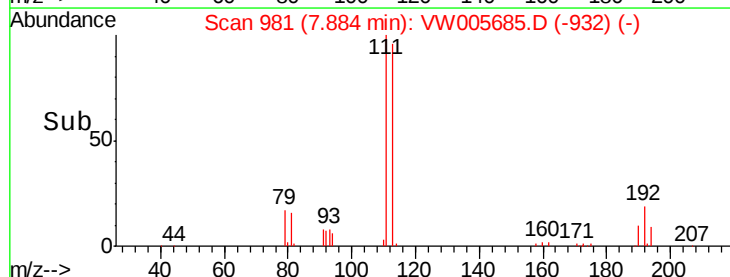
192 21.5 17.0 25.4

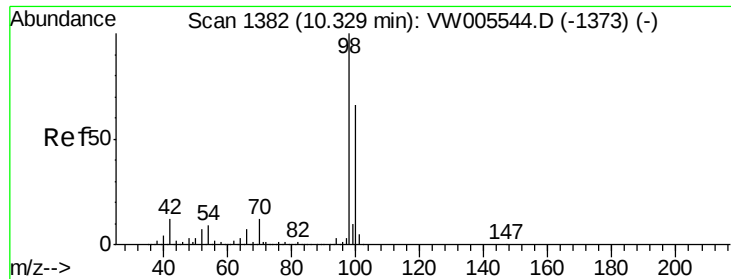


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

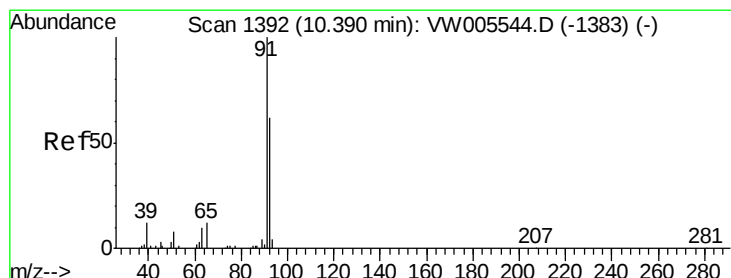
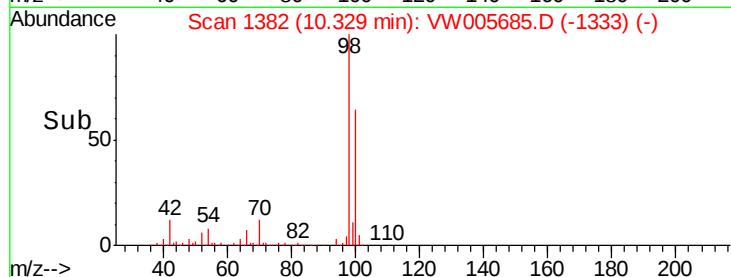
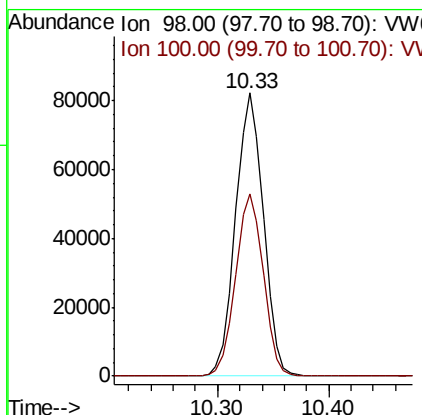
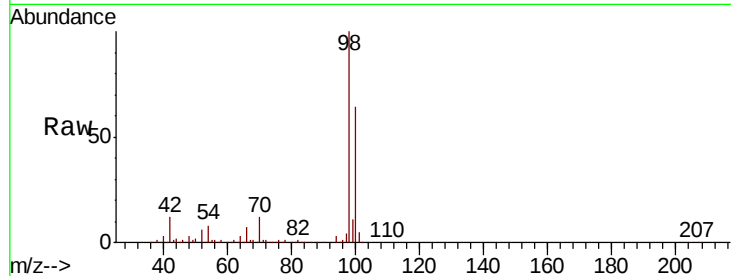




#50
Toluene-d8
Concen: 36.731 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005685.D
Acq: 27 Sep 2018 07:02

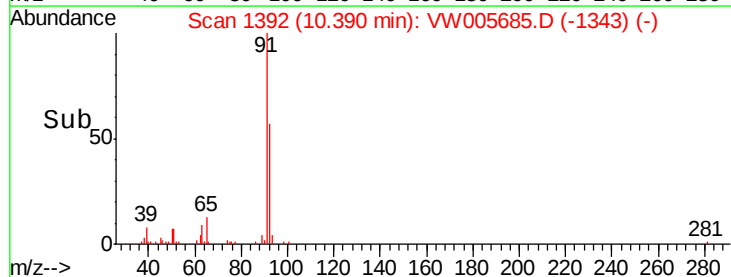
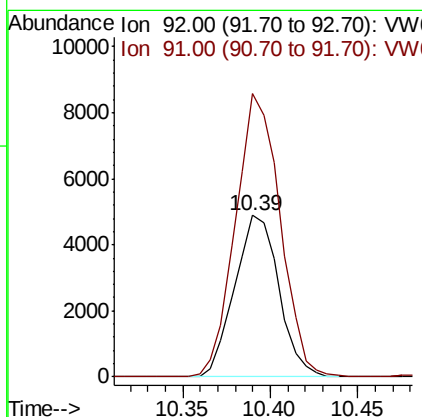
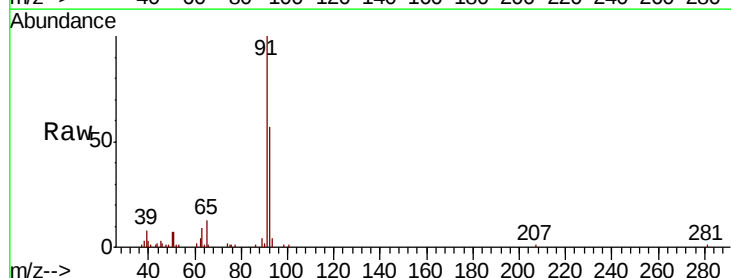
Instrument :
MSVOA_W
ClientSampleId :
CL-02-092518-BRE

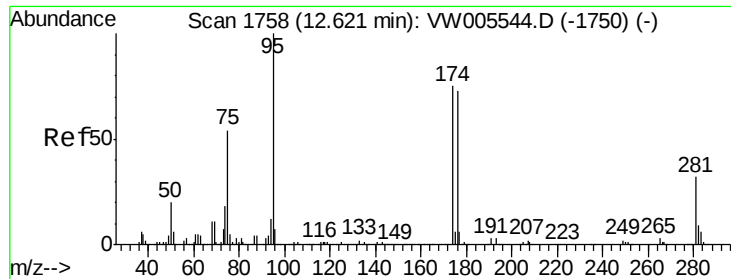
Tot Ion: 98 Resp: 142446
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4



#52
Toluene
Concen: 3.193 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW005685.D
Acq: 27 Sep 2018 07:02

Tgt Ion: 92 Resp: 8607
Ion Ratio Lower Upper
92 100
91 177.3 137.1 205.7

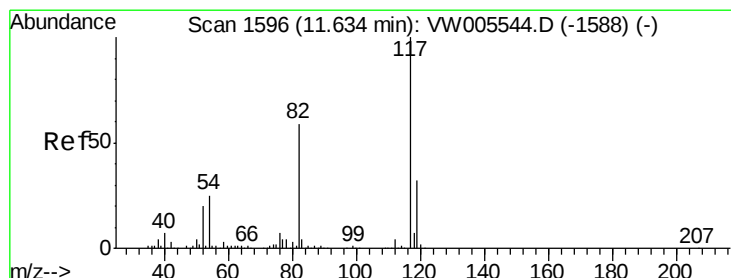
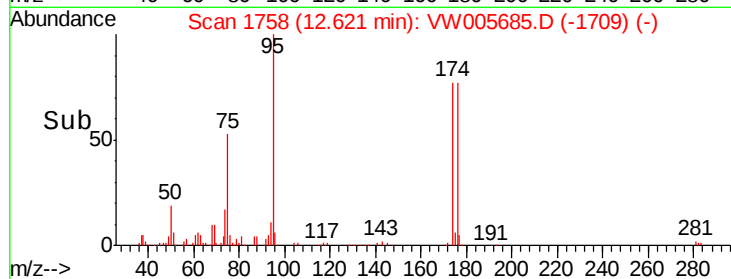
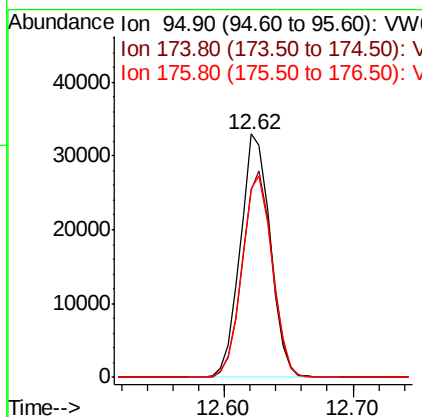
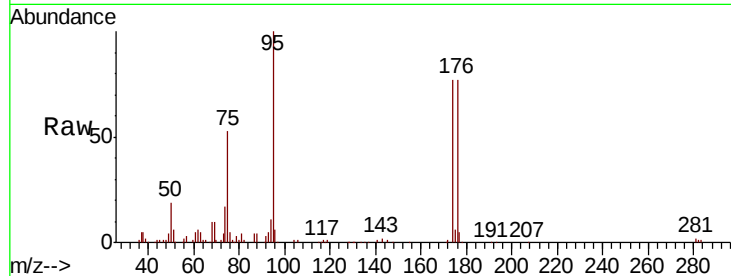




#62
4-Bromofluorobenzene
Concen: 36.834 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005685.D
Acq: 27 Sep 2018 07:02

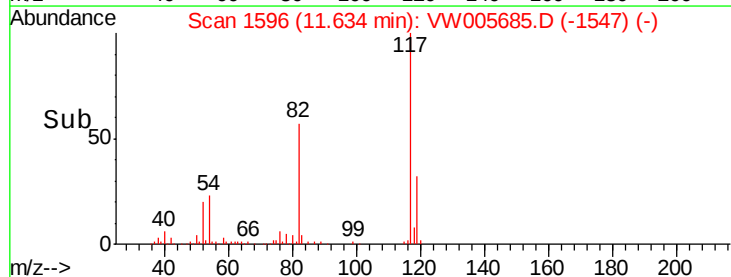
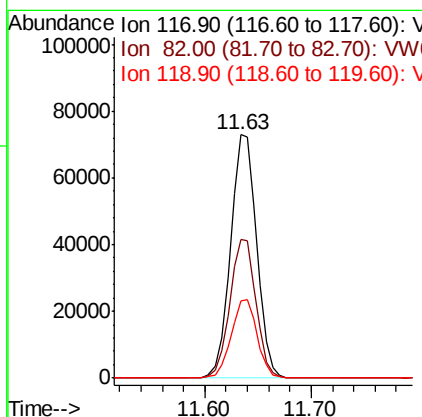
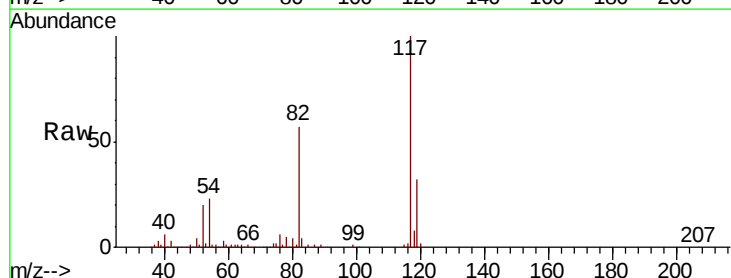
Instrument :
MSVOA_W
ClientSampleId :
CL-02-092518-BRE

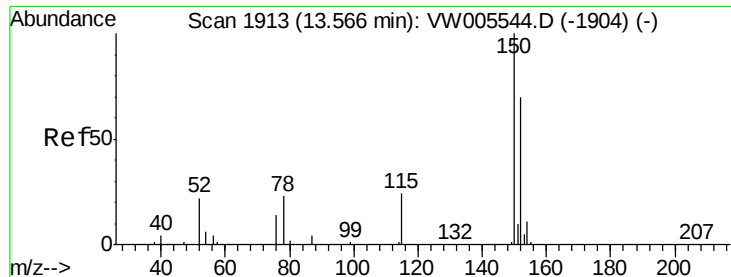
Tot Ion	95	Resp	52857
Ion Ratio	Lower	Upper	
95	100		
174	84.6	0.0	163.8
176	83.3	0.0	158.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005685.D
Acq: 27 Sep 2018 07:02

Tgt Ion	117	Resp	125427
Ion Ratio	Lower	Upper	
117	100		
82	57.1	46.9	70.3
119	31.9	25.7	38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005685.D

Acq: 27 Sep 2018 07:02

Instrument :

MSVOA_W

ClientSampleId :

CL-02-092518-BRE

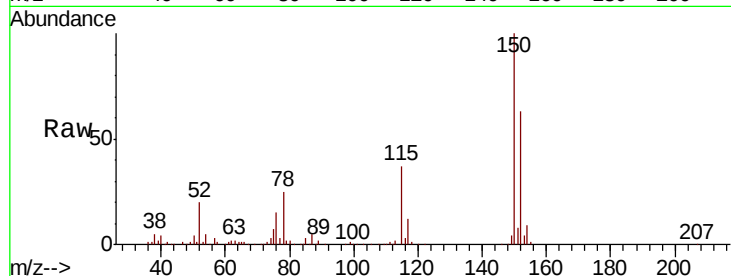
Tot Ion:152 Resp: 55956

Ion Ratio Lower Upper

152 100

115 59.1 30.0 90.0

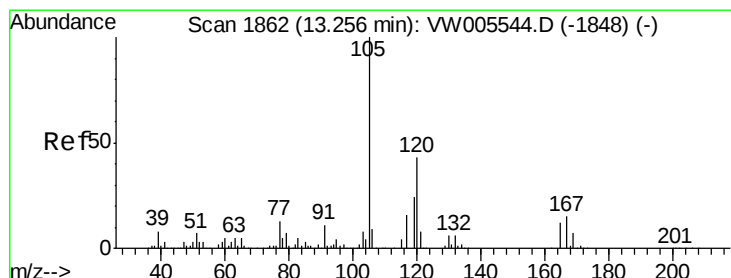
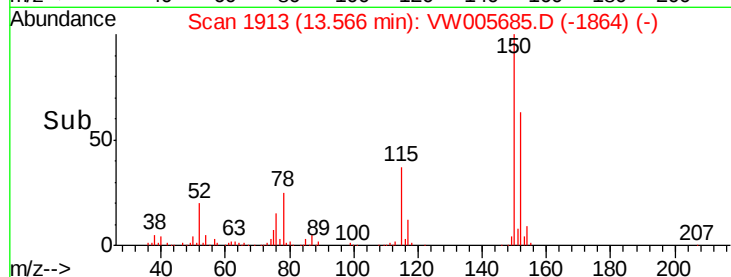
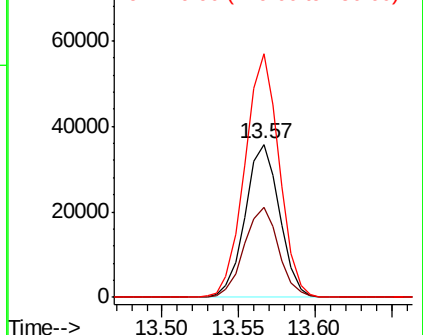
150 158.4 0.0 348.6



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



#84

1,2,4-Trimethylbenzene

Concen: 1.936 ug/l

RT: 13.26 min Scan# 1863

Delta R.T. 0.01 min

Lab File: VW005685.D

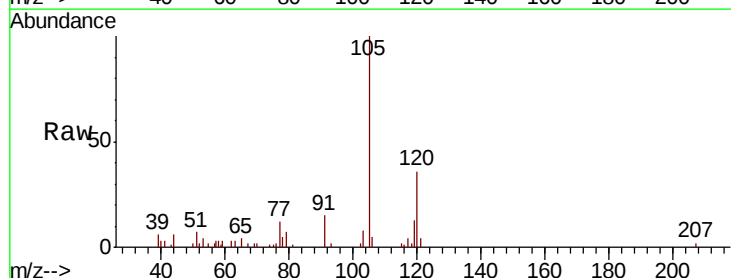
Acq: 27 Sep 2018 07:02

Tgt Ion:105 Resp: 6591

Ion Ratio Lower Upper

105 100

120 45.3 21.5 64.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

