

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW071218\
 Data File : VW003907.D
 Acq On : 12 Jul 2018 19:41
 Operator : SY/AP
 Sample : J3825-09
 Misc : 5.39G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-02-071118-E

Quant Time: Jul 16 11:55:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

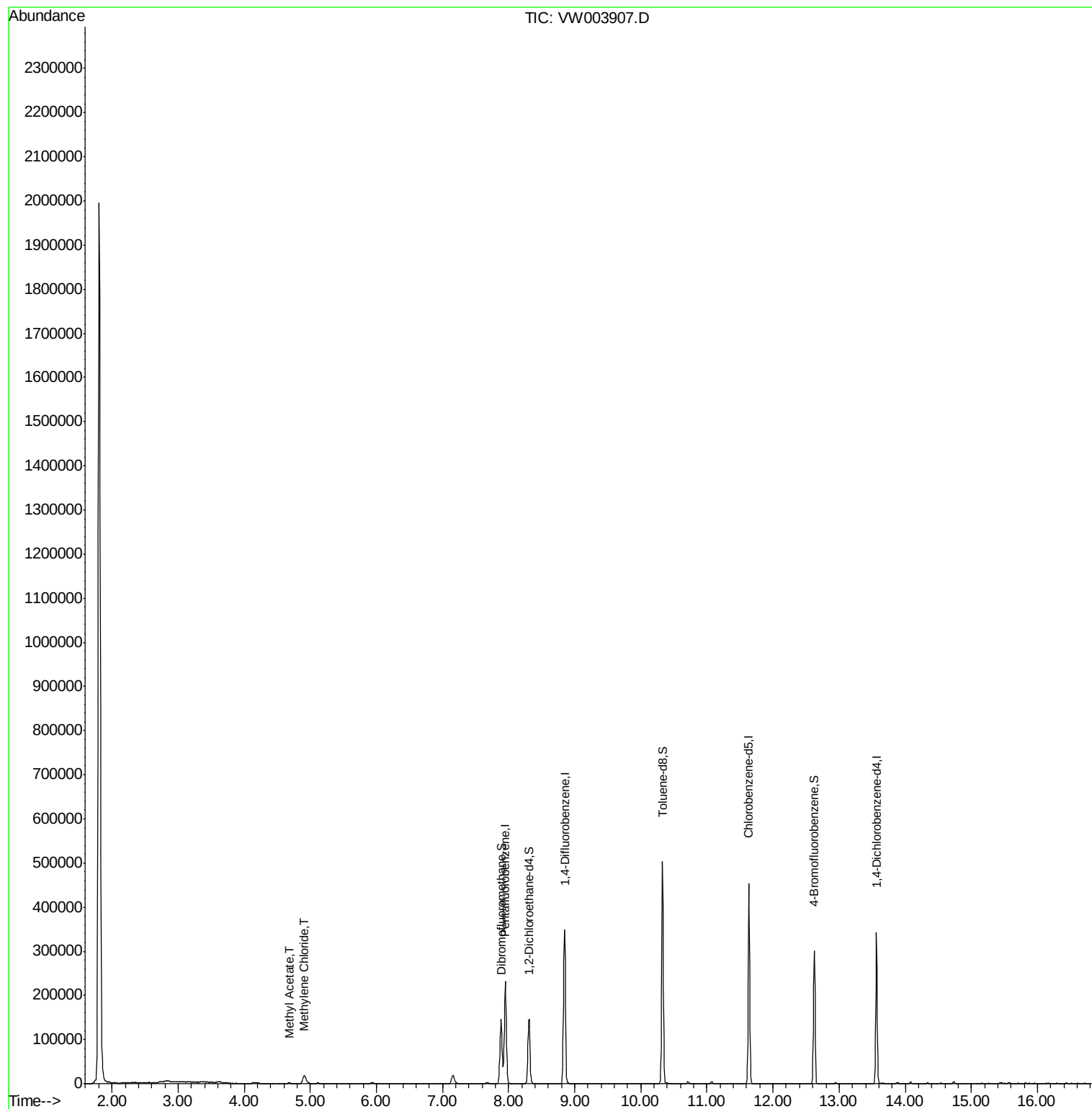
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	165640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	280426	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	234359	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	85977	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	117337	54.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.34%	
35) Dibromofluoromethane	7.88	113	100712	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.62%	
50) Toluene-d8	10.33	98	325409	43.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.68%	
62) 4-Bromofluorobenzene	12.62	95	91457	33.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.34%	
Target Compounds						
18) Methyl Acetate	4.67	43	2307	2.18	ug/l	Qvalue 100
20) Methylene Chloride	4.90	84	15140	4.26	ug/l	90

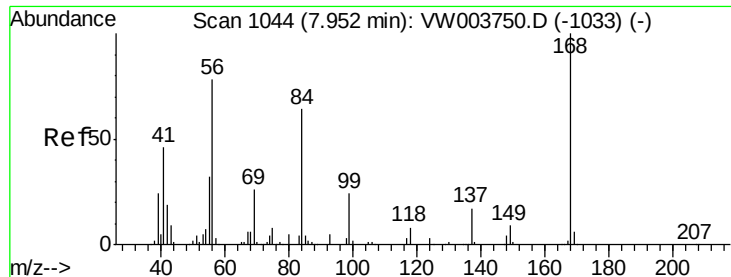
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003907.D

Acq: 12 Jul 2018 19:41

Instrument :

MSVOA_W

ClientSampleId :

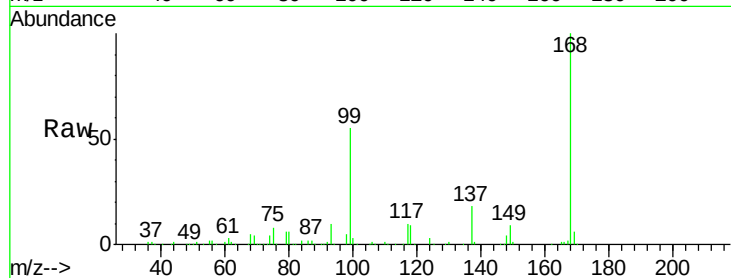
CL-02-071118-E

Tot Ion:168 Resp: 165640

Ion Ratio Lower Upper

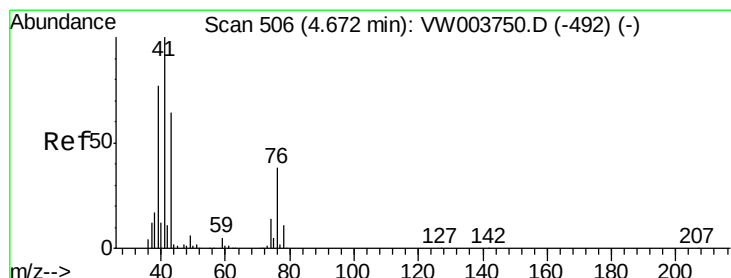
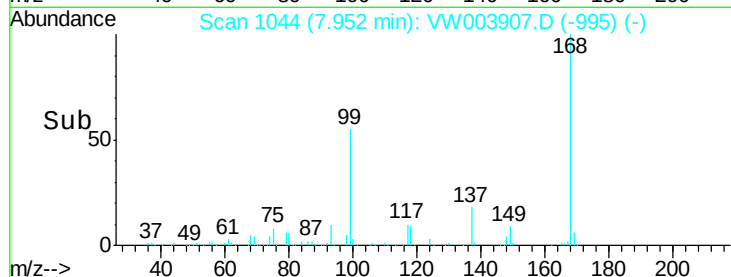
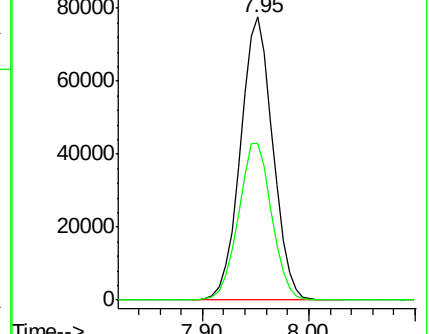
168 100

99 55.2 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#18

Methyl Acetate

Concen: 2.18 ug/l

RT: 4.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: VW003907.D

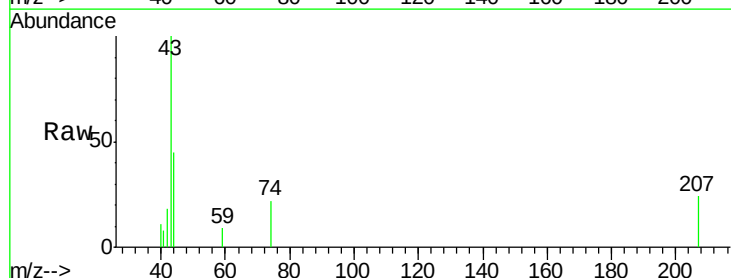
Acq: 12 Jul 2018 19:41

Tgt Ion: 43 Resp: 2307

Ion Ratio Lower Upper

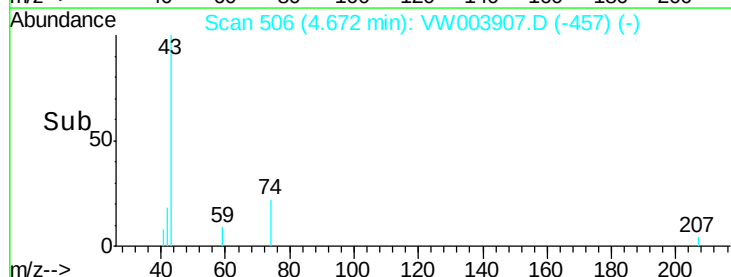
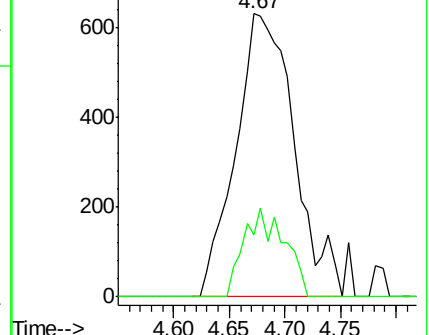
43 100

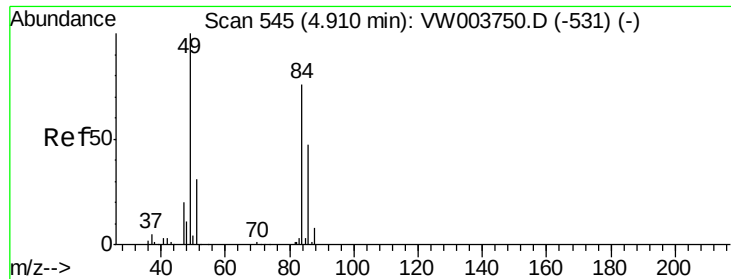
74 21.5 17.3 25.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

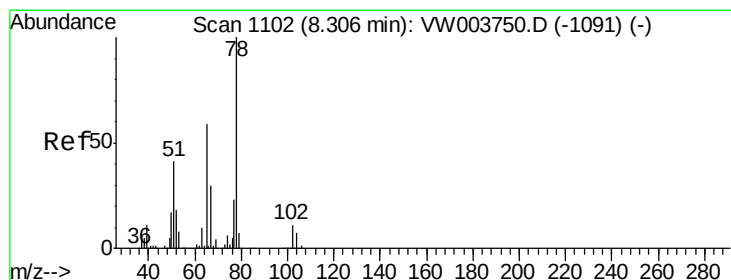
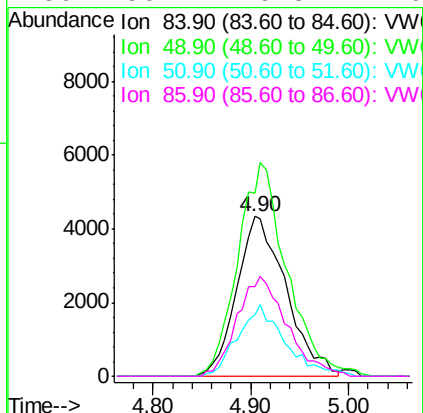
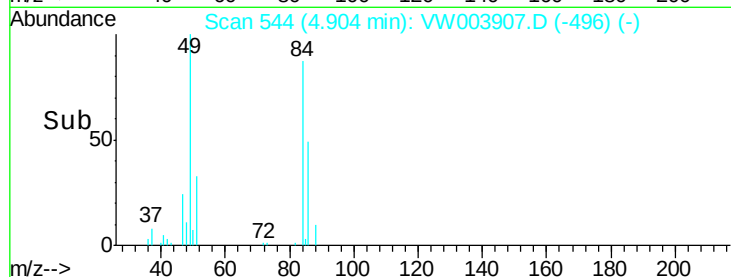
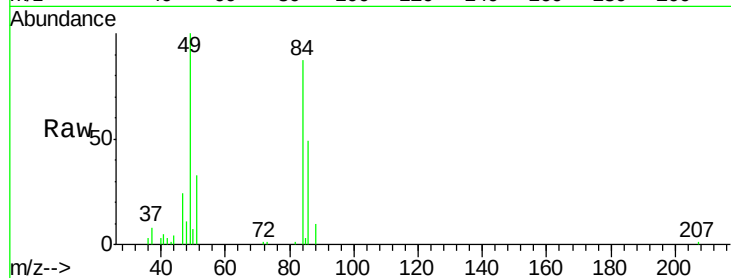




#20
Methylene Chloride
Concen: 4.26 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003907.D
Acq: 12 Jul 2018 19:41

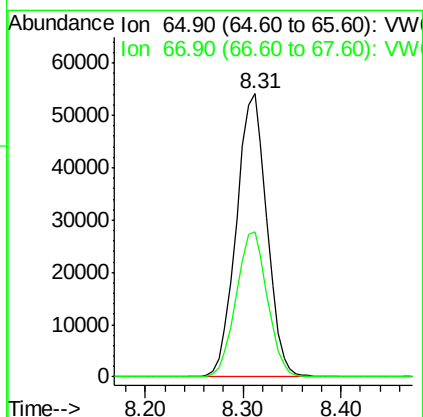
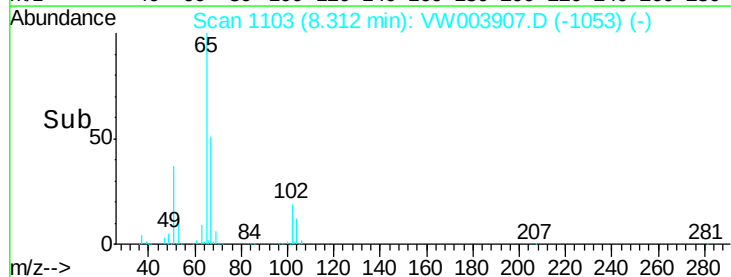
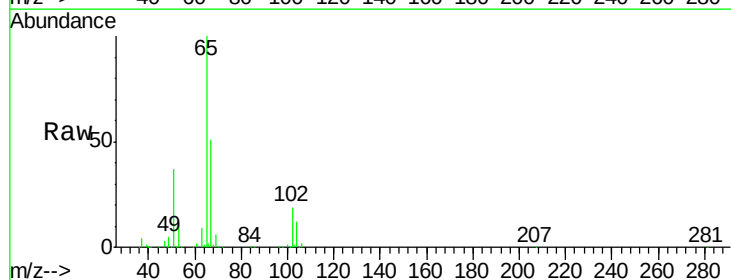
Instrument :
MSVOA_W
ClientSampleId :
CL-02-071118-E

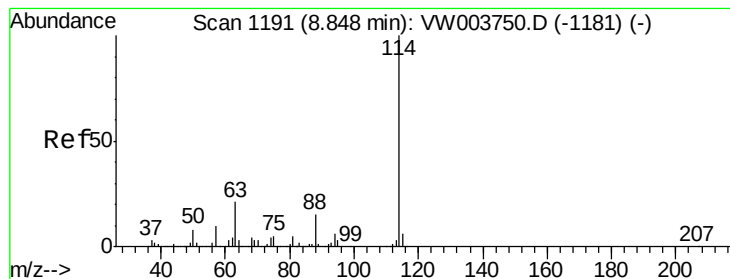
Tot Ion	84	Resp	15140
Ion	Ratio	Lower	Upper
84	100		
49	115.2	105.1	157.7
51	38.3	32.5	48.7
86	56.1	49.8	74.6



#33
1,2-Dichloroethane-d4
Concen: 54.17 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VW003907.D
Acq: 12 Jul 2018 19:41

Tgt Ion	65	Resp	117337
Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	103.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW003907.D

Acq: 12 Jul 2018 19:41

Instrument :

MSVOA_W

ClientSampleId :

CL-02-071118-E

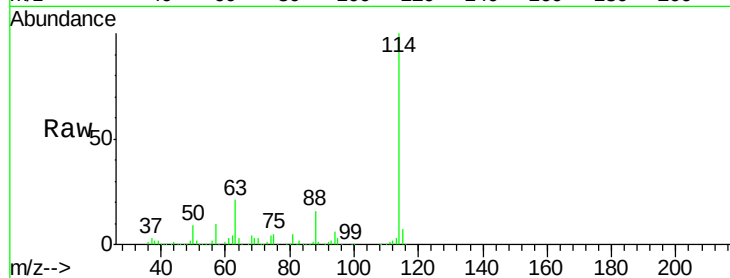
Tot Ion:114 Resp: 280426

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.8

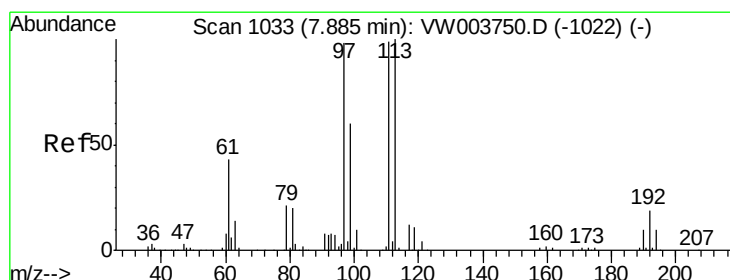
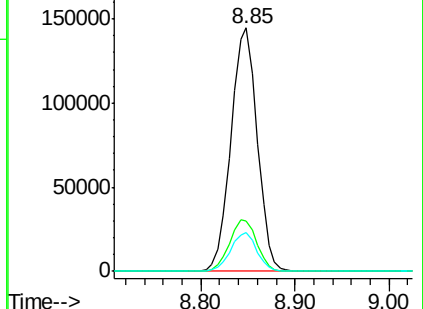
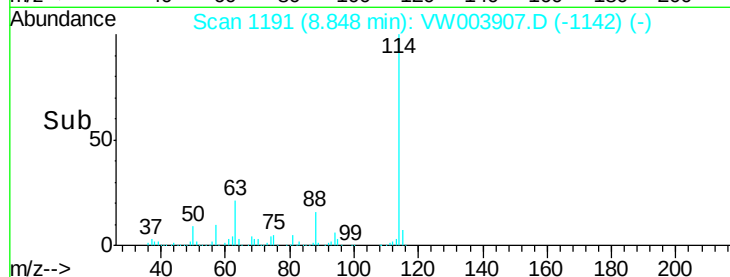
88 15.8 0.0 30.2



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: 51.31 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW003907.D

Acq: 12 Jul 2018 19:41

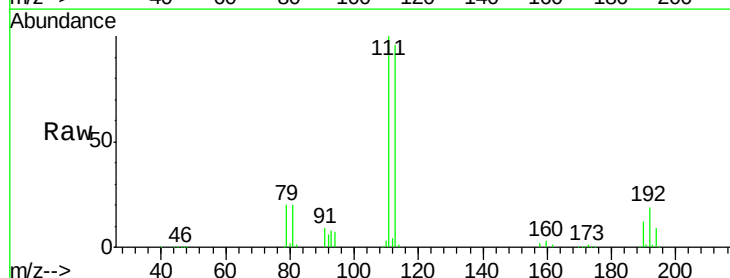
Tgt Ion:113 Resp: 100712

Ion Ratio Lower Upper

113 100

111 102.0 81.7 122.5

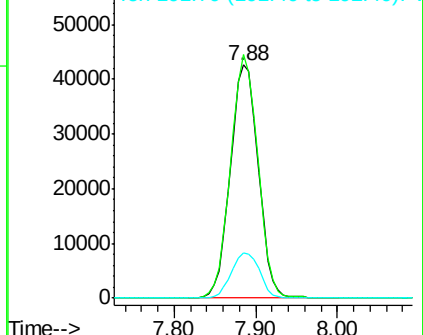
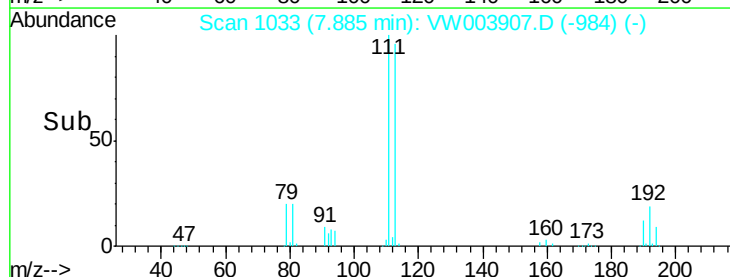
192 19.6 15.8 23.8

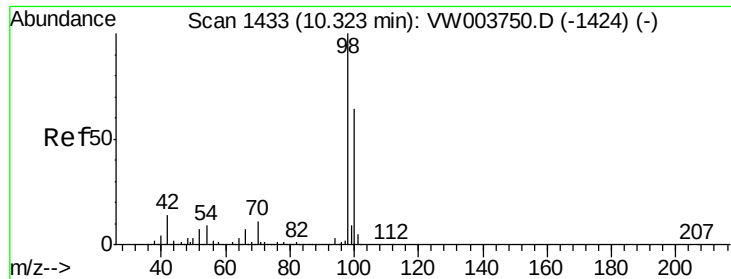


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 43.34 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003907.D

Acq: 12 Jul 2018 19:41

Instrument :

MSVOA_W

ClientSampleId :

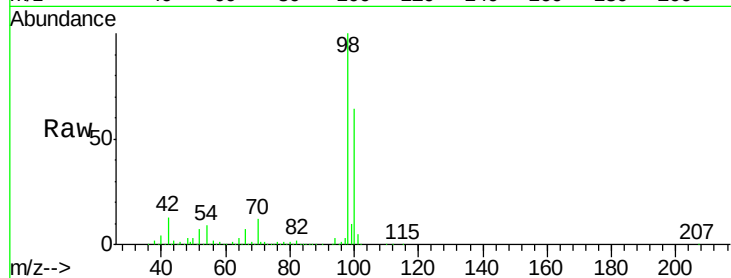
CL-02-071118-E

Tot Ion: 98 Resp: 325409

Ion Ratio Lower Upper

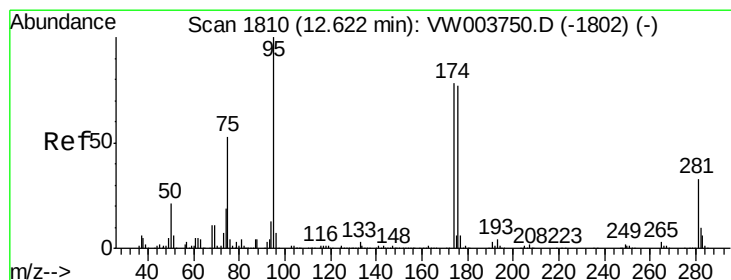
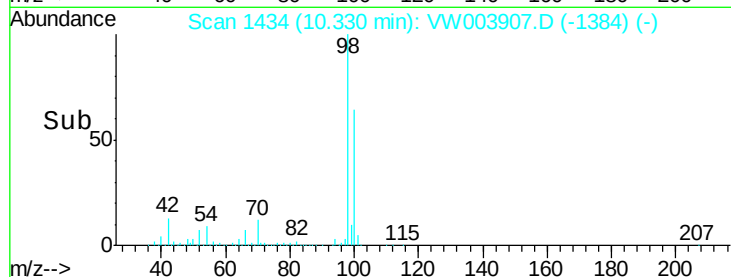
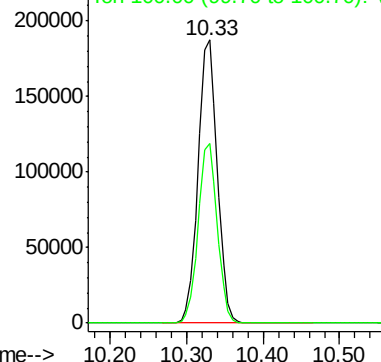
98 100

100 63.1 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 33.67 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003907.D

Acq: 12 Jul 2018 19:41

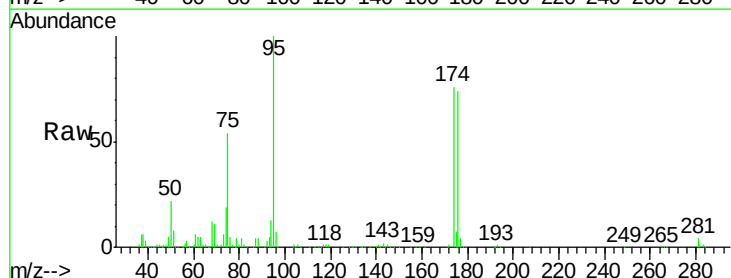
Tgt Ion: 95 Resp: 91457

Ion Ratio Lower Upper

95 100

174 81.3 0.0 163.4

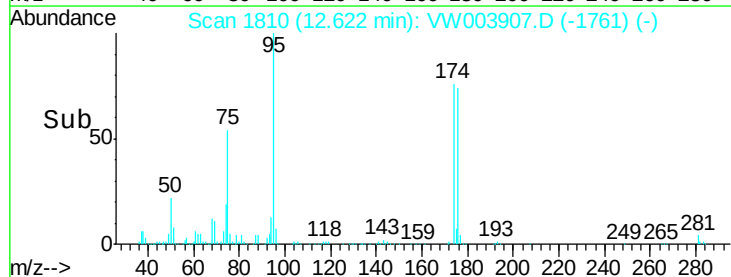
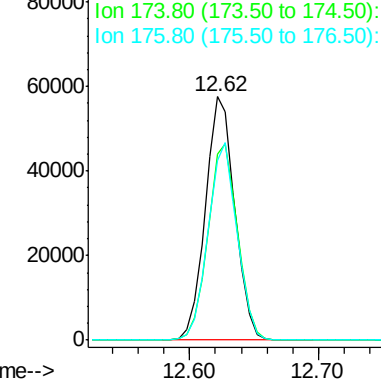
176 79.6 0.0 156.8

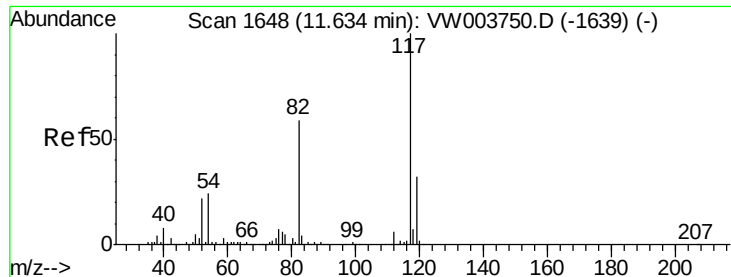


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

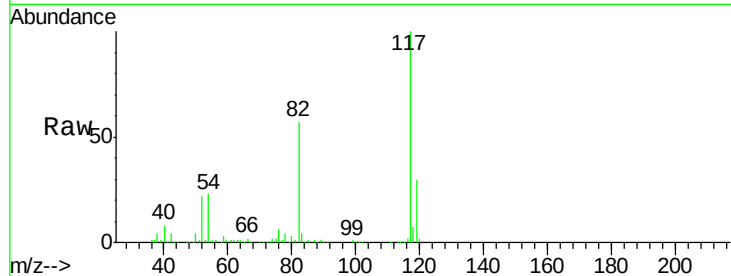




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003907.D
Acq: 12 Jul 2018 19:41

Instrument :
MSVOA_W
ClientSampleId :
CL-02-071118-E

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.4	46.9	70.3
119	30.5	25.5	38.3

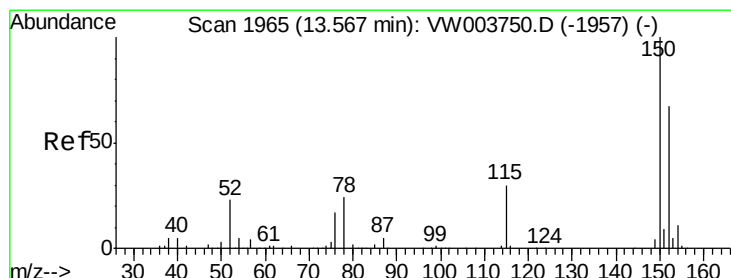
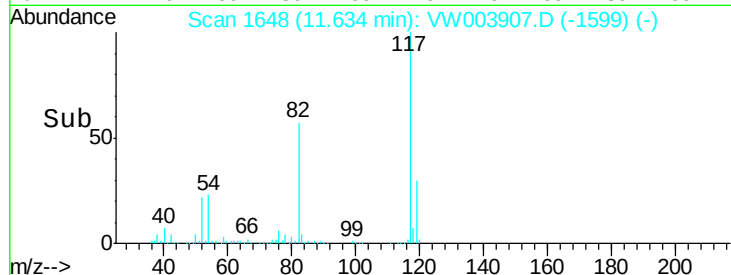
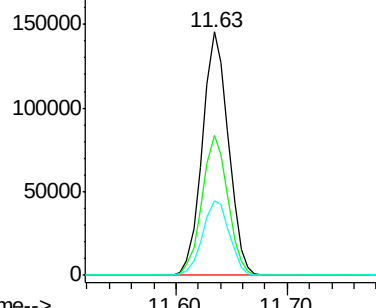


Abundance

Ion 116.90 (116.60 to 117.60): V

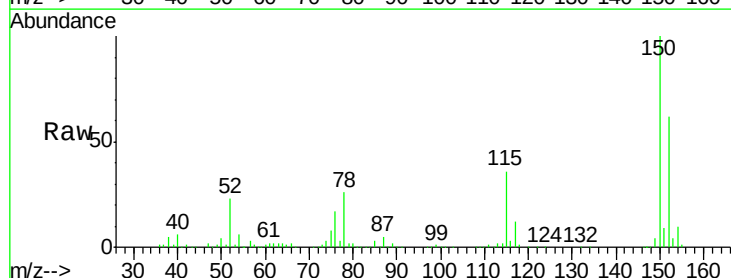
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003907.D
Acq: 12 Jul 2018 19:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.3	28.9	86.8
150	155.1	0.0	342.4



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

