

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071318\
 Data File : VW003942.D
 Acq On : 14 Jul 2018 03:05
 Operator : VA/AP
 Sample : J3958-07
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CS-CONCRETE

Quant Time: Jul 14 04:28:55 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	186109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	320790	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	295809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	141583	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	123881	50.90	ug/l	0.00
Spiked Amount			Recovery	=	101.80%	
35) Dibromofluoromethane	7.88	113	1425	0.63	ug/l	0.00
Spiked Amount			Recovery	=	1.26%	
50) Toluene-d8	10.33	98	378130	44.03	ug/l	0.00
Spiked Amount			Recovery	=	88.06%	
62) 4-Bromofluorobenzene	12.62	95	130022	41.84	ug/l	0.00
Spiked Amount			Recovery	=	83.68%	

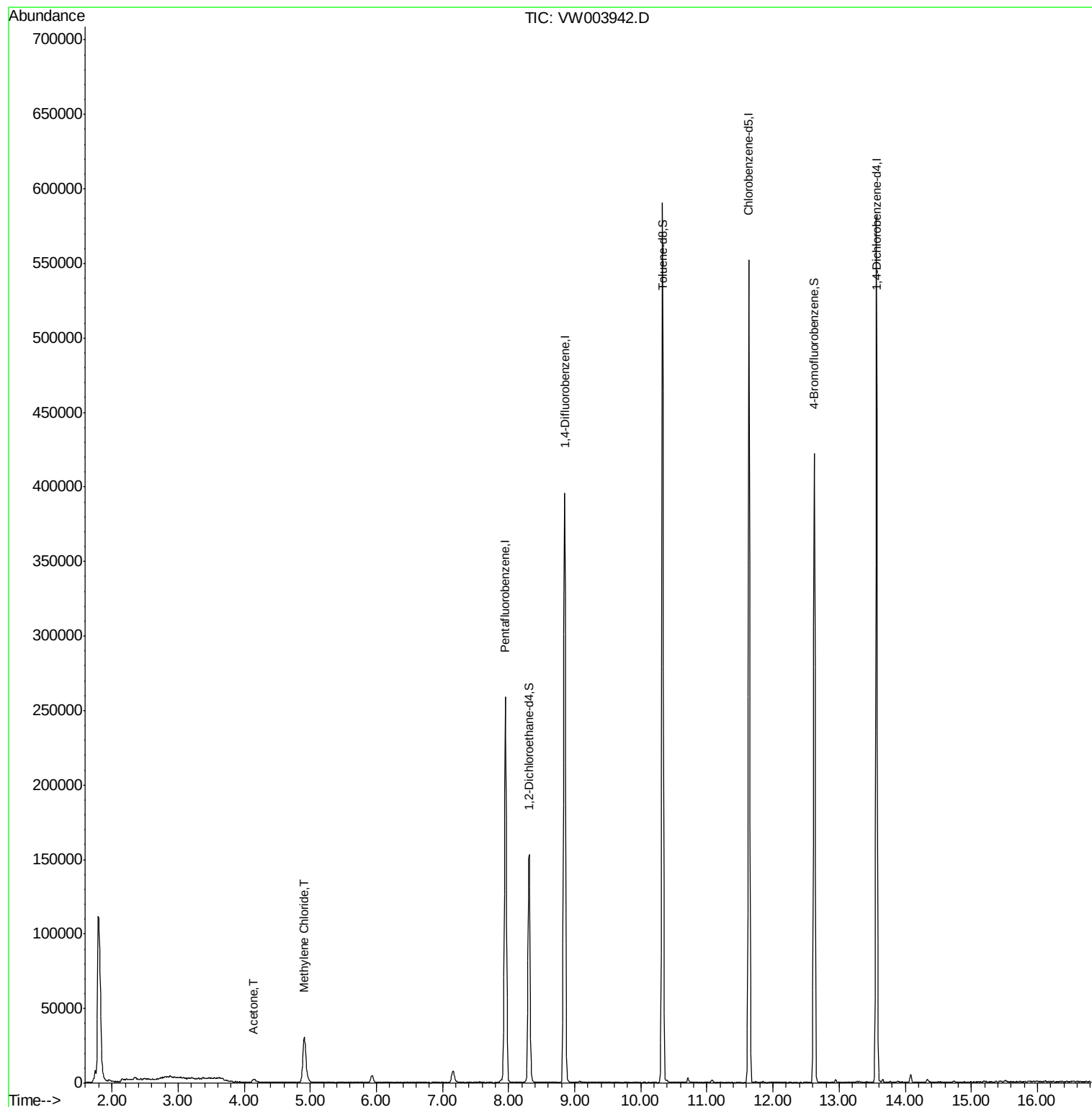
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	4433	10.50	ug/l	# 85
20) Methylene Chloride	4.91	84	24641	8.32	ug/l	97

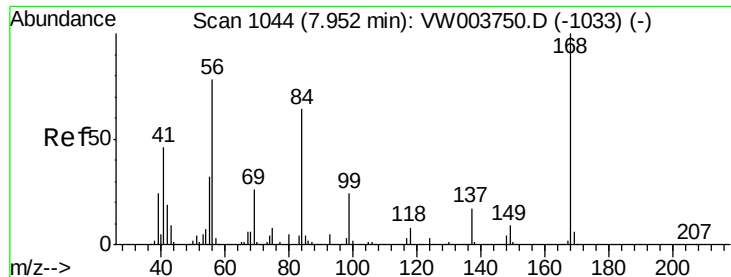
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jul 07 05:07:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003942.D

Acq: 14 Jul 2018 03:05

Instrument :

MSVOA_W

ClientSampleId :

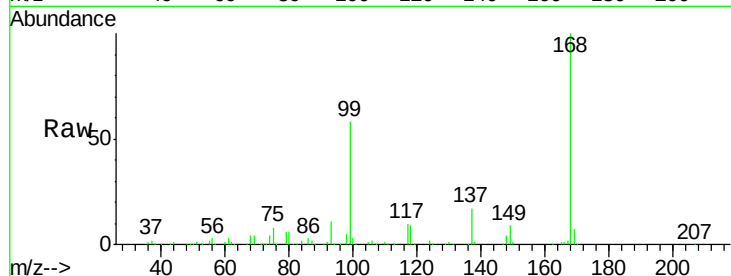
CS-CONCRETE

Tot Ion:168 Resp: 186109

Ion Ratio Lower Upper

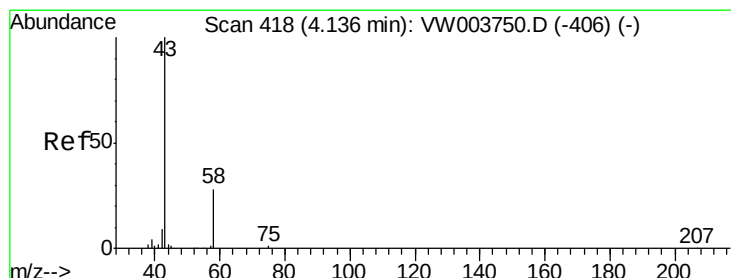
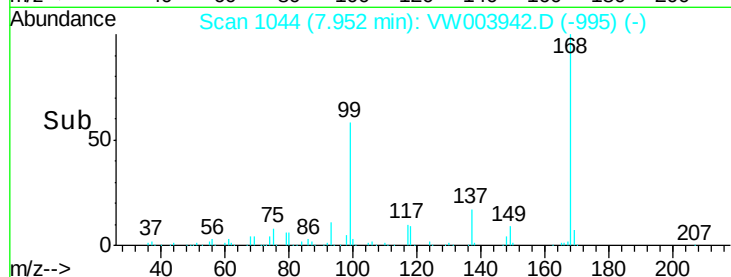
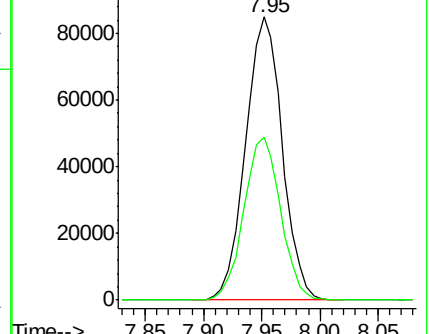
168 100

99 57.8 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 10.50 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW003942.D

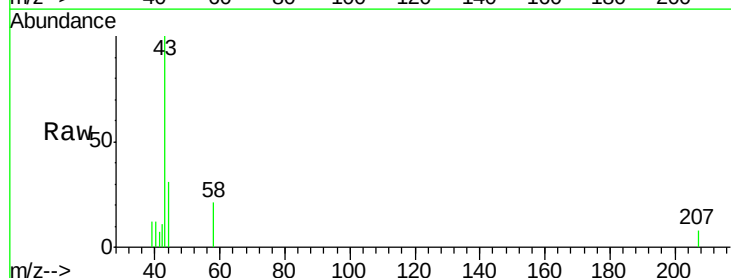
Acq: 14 Jul 2018 03:05

Tgt Ion: 43 Resp: 4433

Ion Ratio Lower Upper

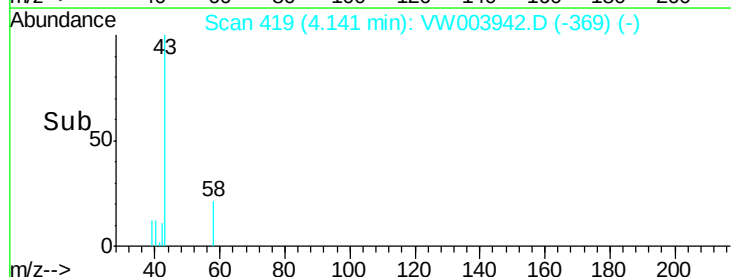
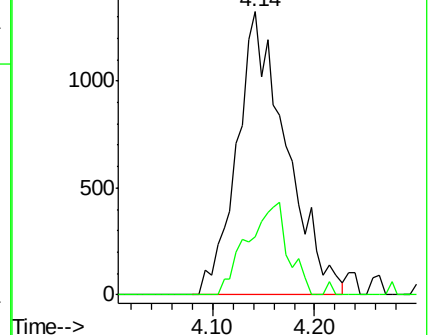
43 100

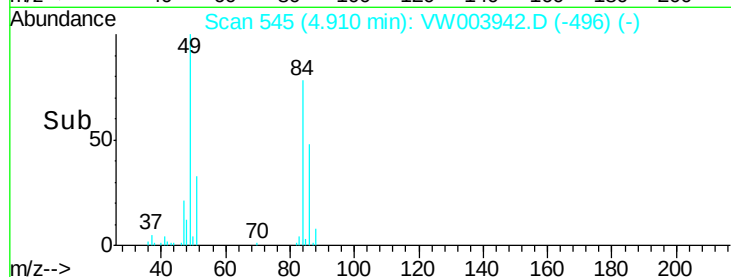
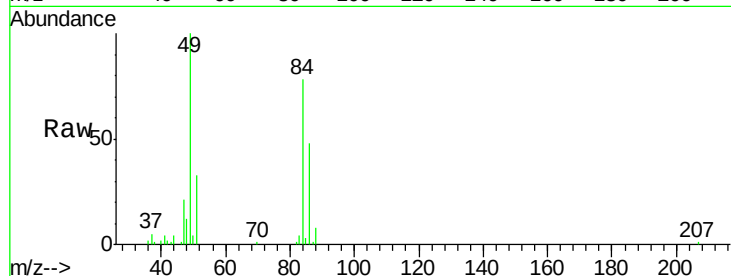
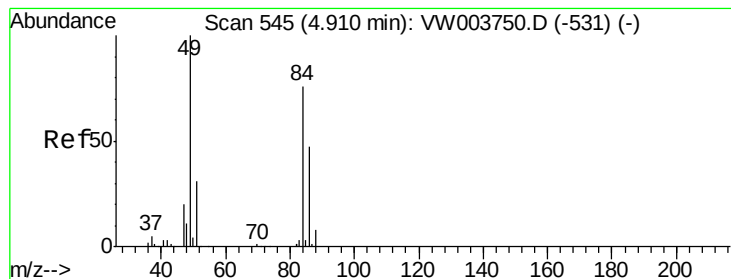
58 20.5 22.6 34.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 8.32 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW003942.D

Acq: 14 Jul 2018 03:05

Instrument :

MSVOA_W

ClientSampleId :

CS-CONCRETE

Tot Ion: 84 Resp: 24641

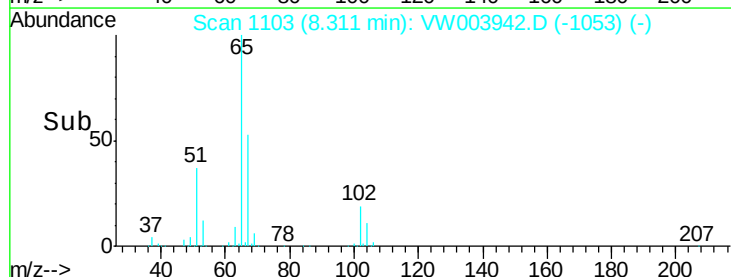
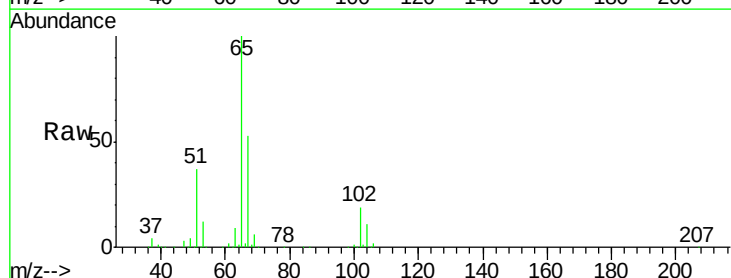
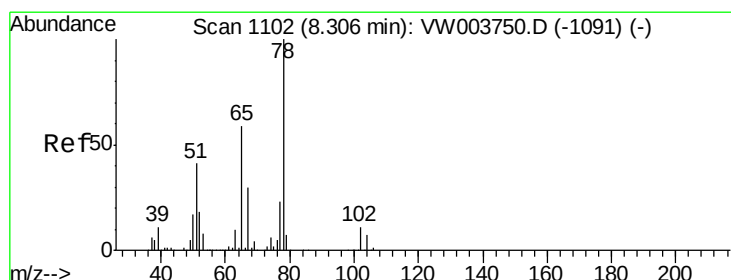
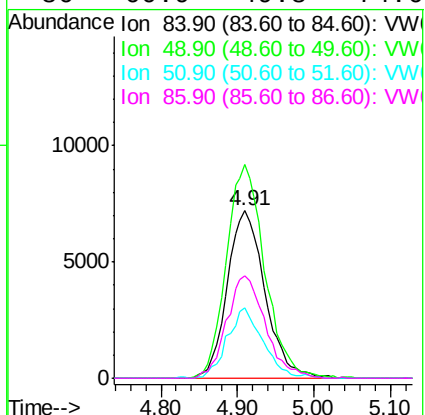
Ion Ratio Lower Upper

84 100

49 127.5 105.1 157.7

51 42.4 32.5 48.7

86 60.9 49.8 74.6



#33

1,2-Dichloroethane-d4

Concen: 50.90 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW003942.D

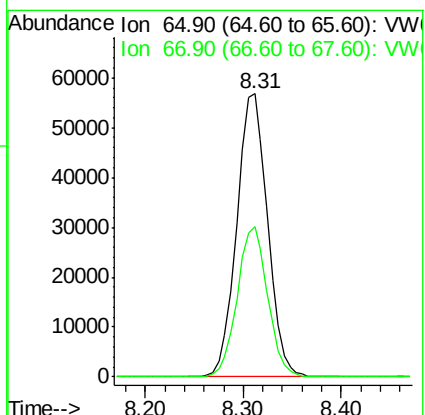
Acq: 14 Jul 2018 03:05

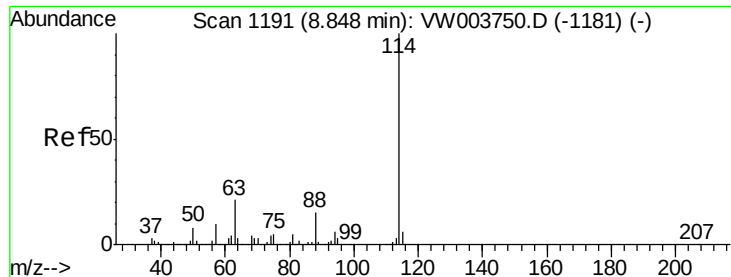
Tgt Ion: 65 Resp: 123881

Ion Ratio Lower Upper

65 100

67 52.2 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: VW003942.D

Acq: 14 Jul 2018 03:05

Instrument :

MSVOA_W

ClientSampleId :

CS-CONCRETE

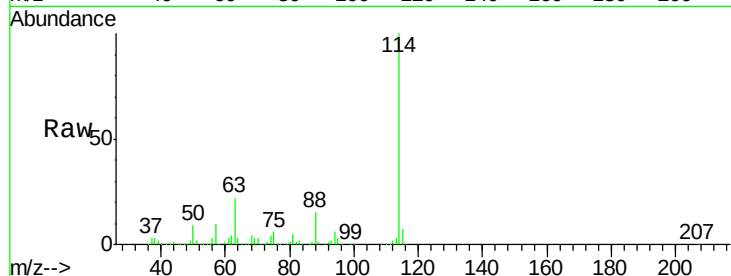
Tot Ion:114 Resp: 320790

Ion Ratio Lower Upper

114 100

63 22.2 0.0 41.8

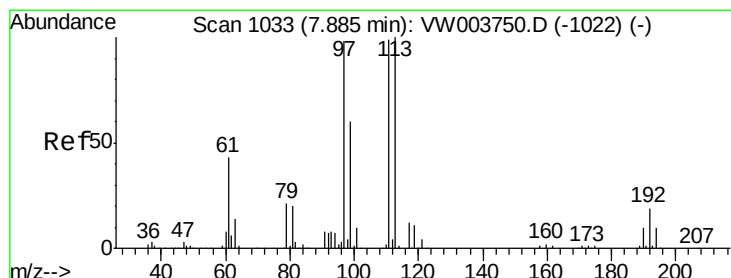
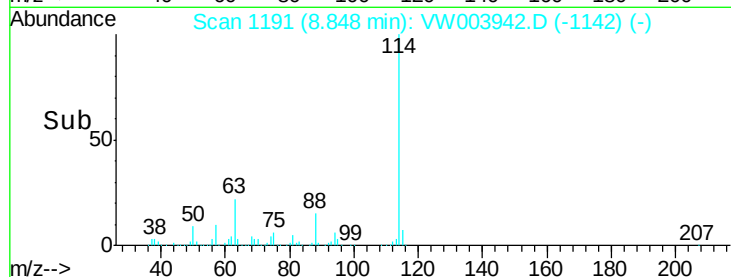
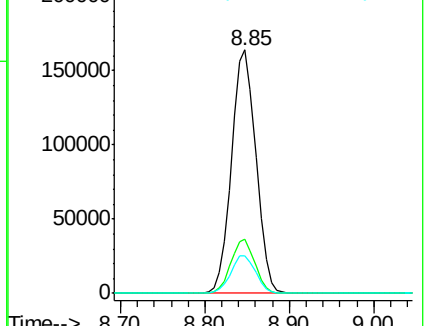
88 15.4 0.0 30.2



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: 0.63 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW003942.D

Acq: 14 Jul 2018 03:05

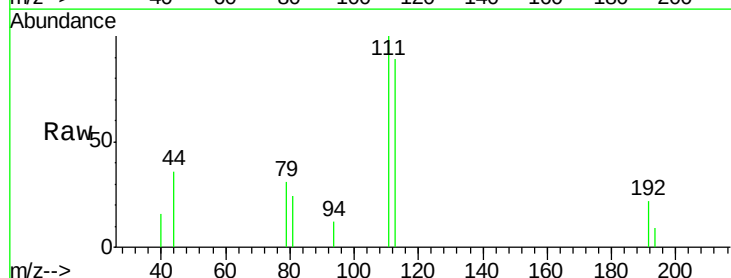
Tgt Ion:113 Resp: 1425

Ion Ratio Lower Upper

113 100

111 113.3 81.7 122.5

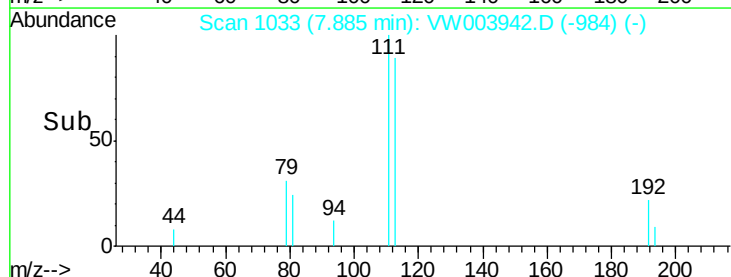
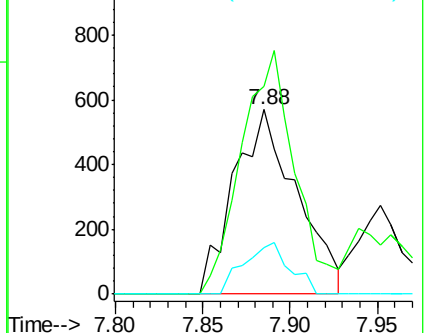
192 20.4 15.8 23.8

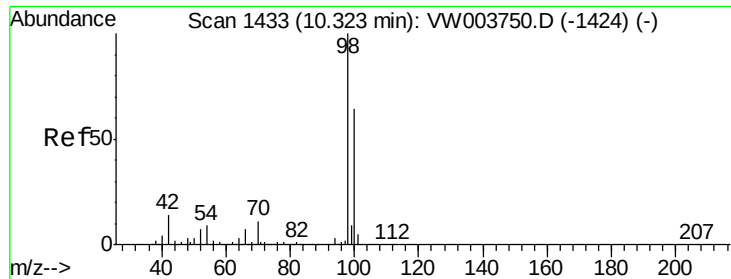


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 44.03 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003942.D

Acq: 14 Jul 2018 03:05

Instrument :

MSVOA_W

ClientSampleId :

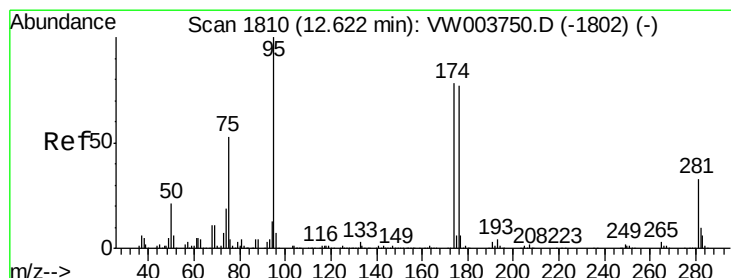
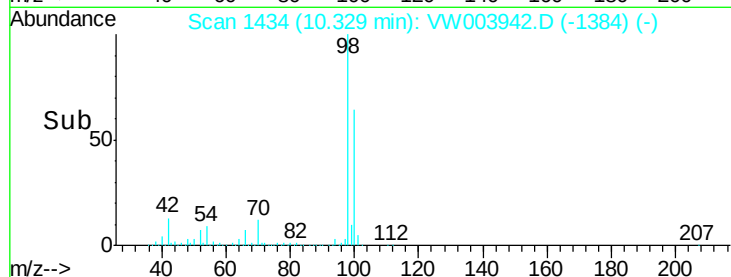
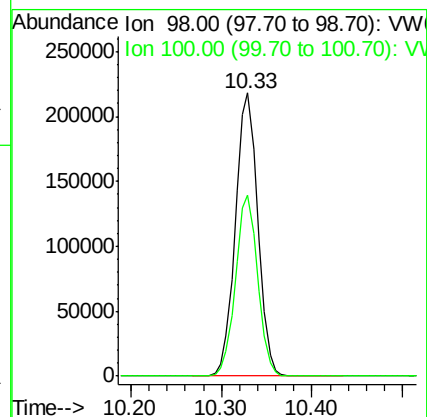
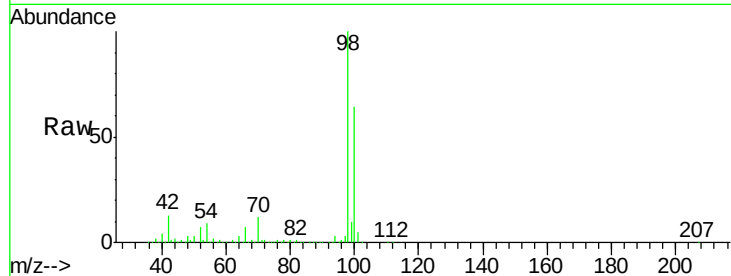
CS-CONCRETE

Tot Ion: 98 Resp: 378130

Ion Ratio Lower Upper

98 100

100 63.0 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 41.84 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003942.D

Acq: 14 Jul 2018 03:05

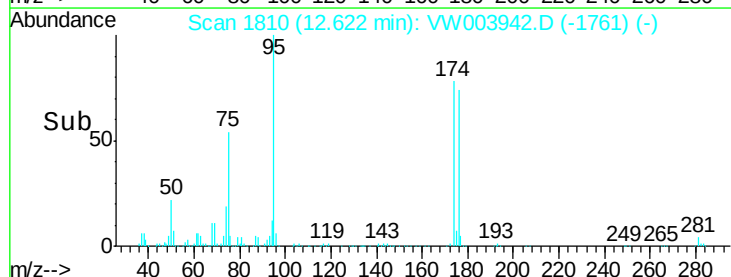
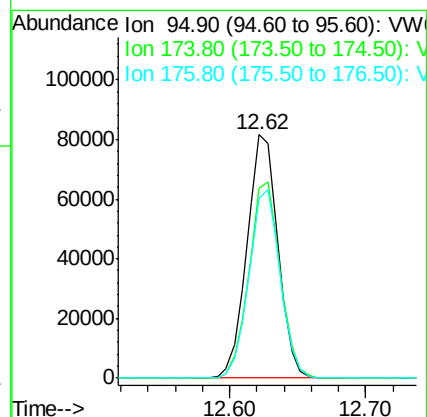
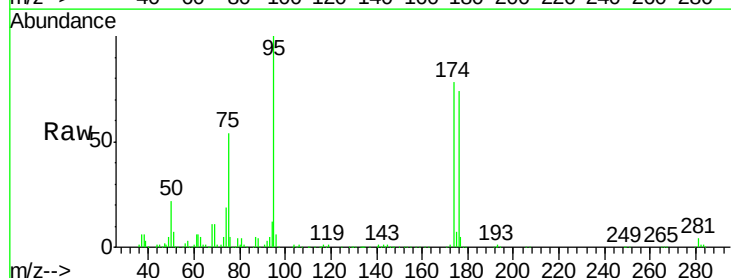
Tgt Ion: 95 Resp: 130022

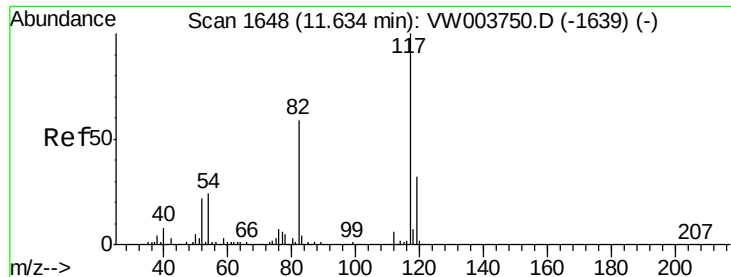
Ion Ratio Lower Upper

95 100

174 81.6 0.0 163.4

176 77.9 0.0 156.8

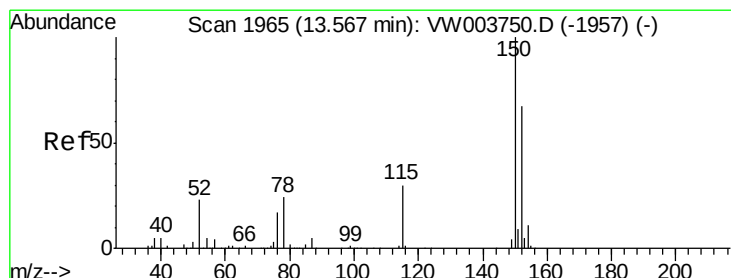
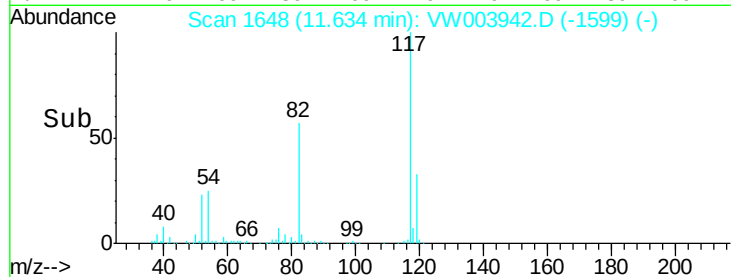
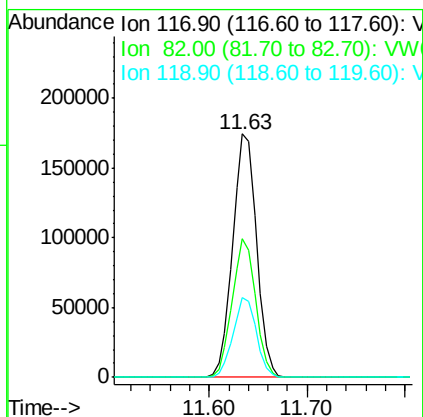
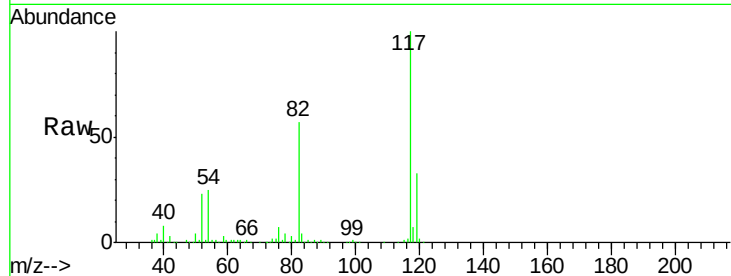




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003942.D
Acq: 14 Jul 2018 03:05

Instrument :
MSVOA_W
ClientSampleId :
CS-CONCRETE

Tot Ion:117 Resp: 295809
Ion Ratio Lower Upper
117 100
82 57.1 46.9 70.3
119 32.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003942.D
Acq: 14 Jul 2018 03:05

Tgt Ion:152 Resp: 141583
Ion Ratio Lower Upper
152 100
115 59.3 28.9 86.8
150 160.6 0.0 342.4

