

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080818\
 Data File : VW004511.D
 Acq On : 07 Aug 2018 23:46
 Operator : SY/AP
 Sample : J4360-04
 Misc : 4.93G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 155-CONCRETE

Quant Time: Aug 08 09:03:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	494314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	879866	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	825374	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	346628	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	255955	46.78	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.56%	
35) Dibromofluoromethane	7.88	113	238920	40.72	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	81.44%	
50) Toluene-d8	10.33	98	731885	32.72	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	65.44%	
62) 4-Bromofluorobenzene	12.62	95	229009	28.43	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	56.86%	

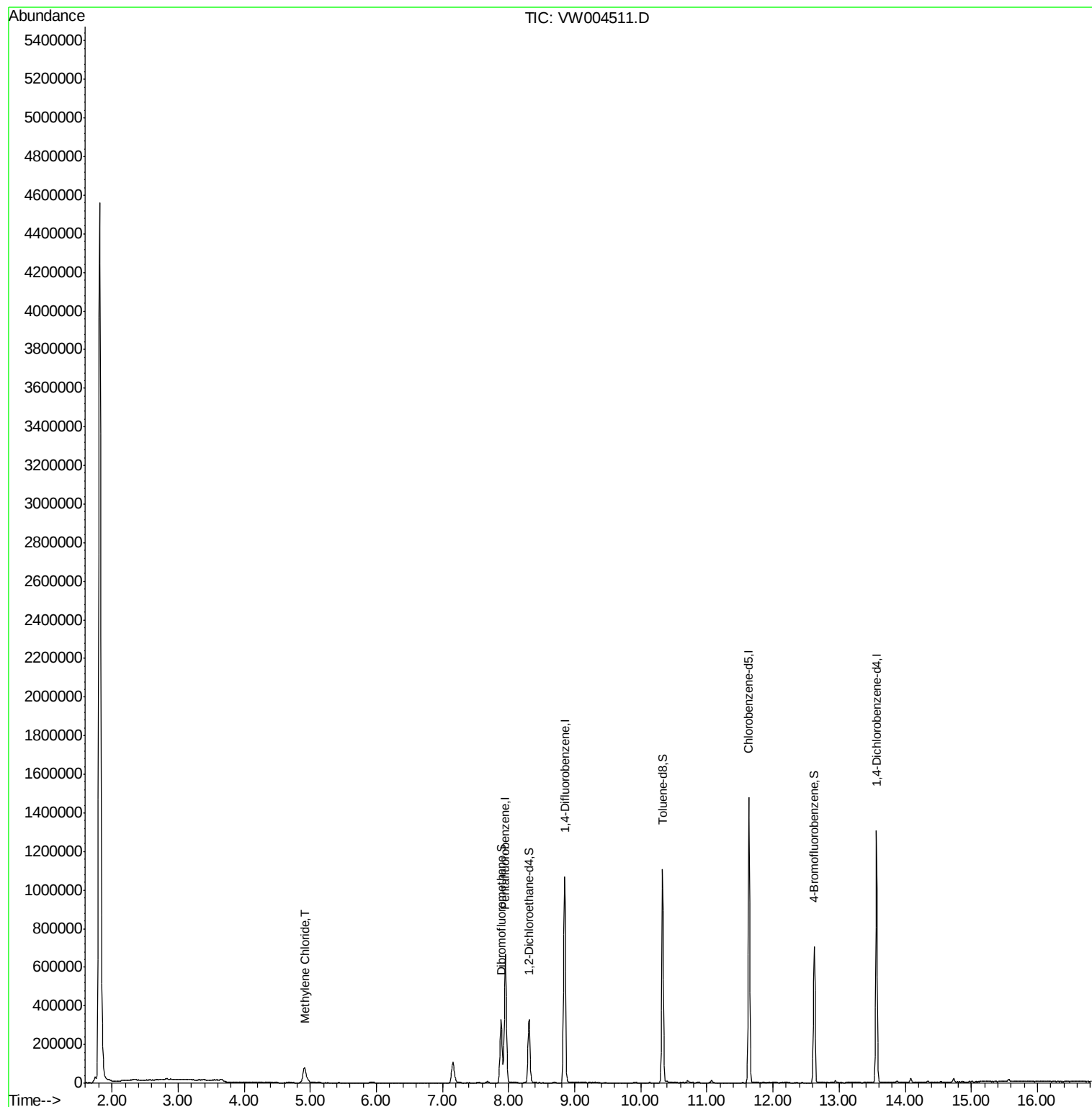
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.92	84	72527	2.44	ug/l	96

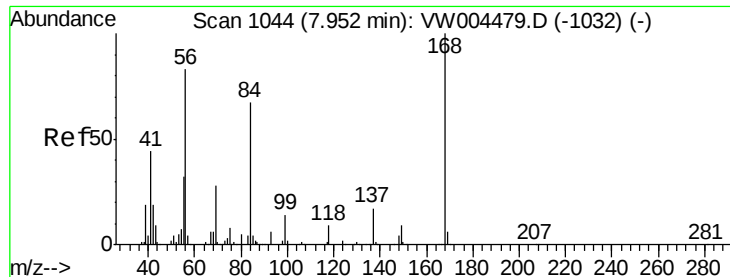
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW004511.D

Acq: 07 Aug 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

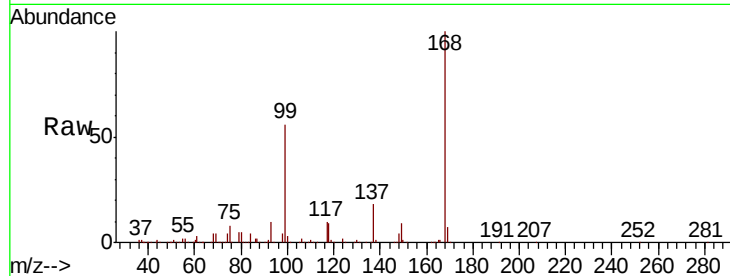
155-CONCRETE

Tot Ion:168 Resp: 494314

Ion Ratio Lower Upper

168 100

99 55.9 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

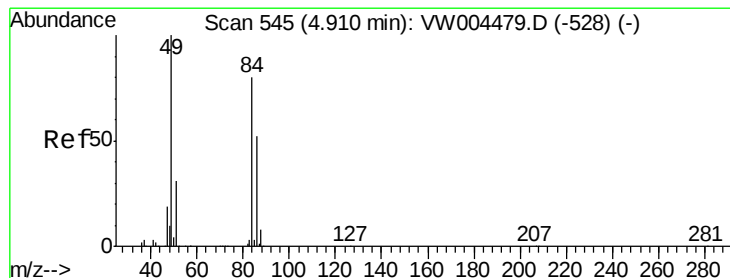
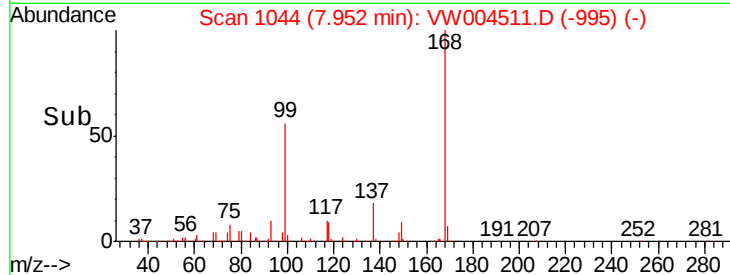
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 2.44 ug/l

RT: 4.92 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW004511.D

Acq: 07 Aug 2018 23:46

Tgt Ion: 84 Resp: 72527

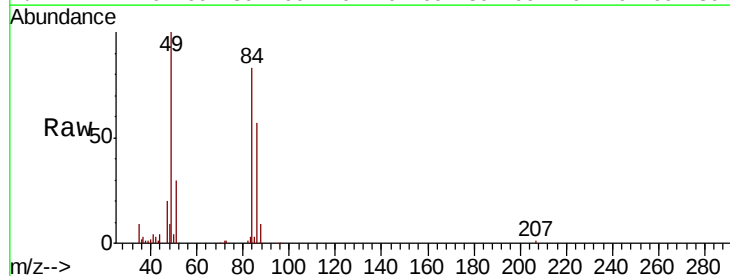
Ion Ratio Lower Upper

84 100

49 120.6 99.6 149.4

51 35.9 31.0 46.4

86 69.2 51.5 77.3



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

4.92

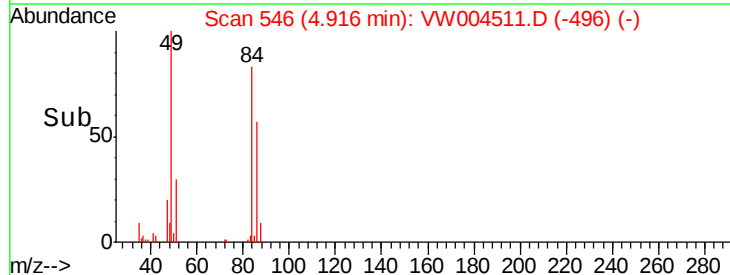
30000

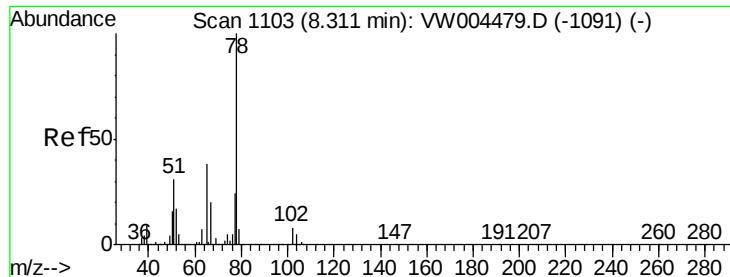
20000

10000

0

Time--> 4.70 4.80 4.90 5.00 5.10





#33

1,2-Dichloroethane-d4

Concen: 46.78 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW004511.D

Acq: 07 Aug 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

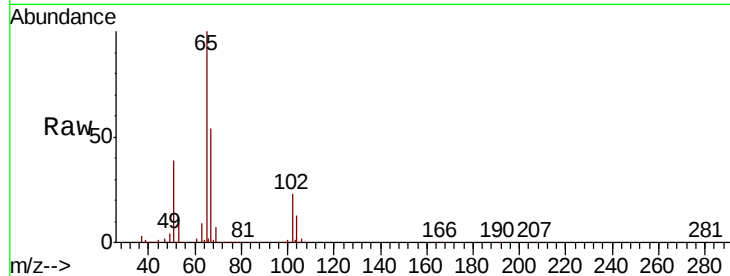
155-CONCRETE

Tot Ion: 65 Resp: 255955

Ion Ratio Lower Upper

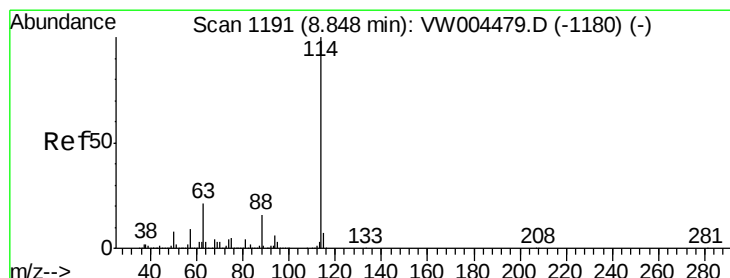
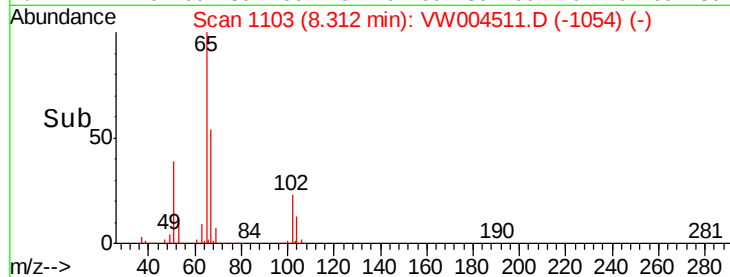
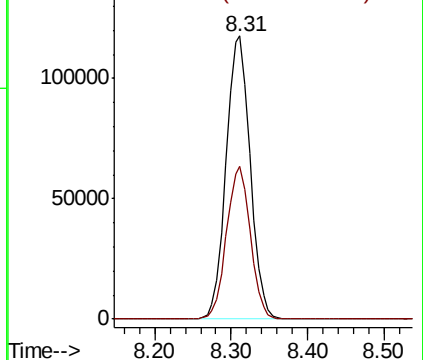
65 100

67 53.5 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW004511.D

Acq: 07 Aug 2018 23:46

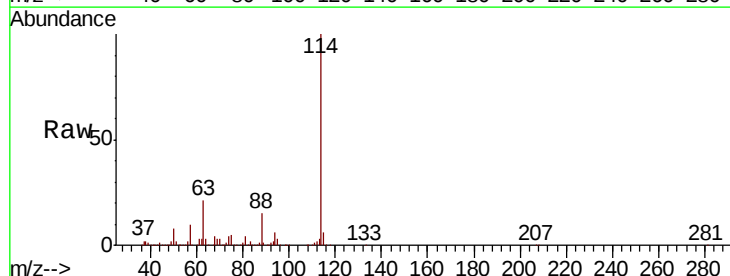
Tgt Ion: 114 Resp: 879866

Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.4

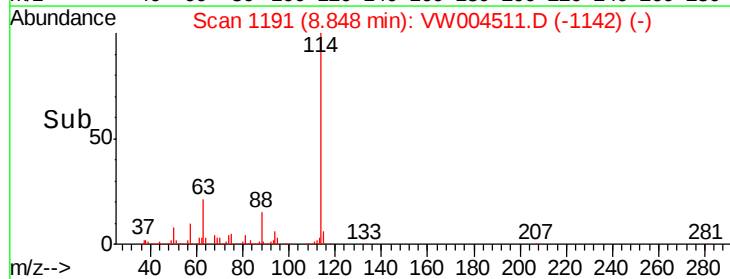
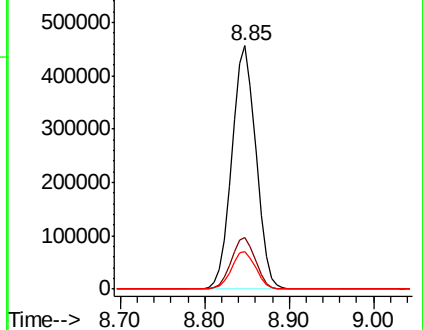
88 15.3 0.0 31.2

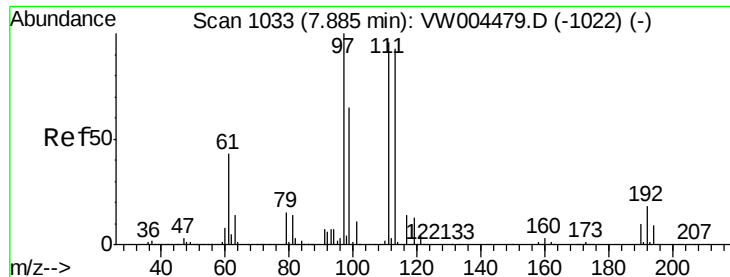


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

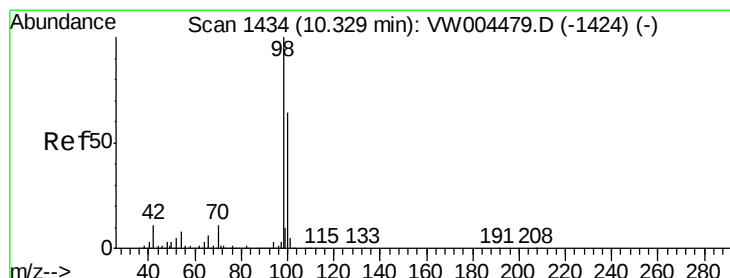
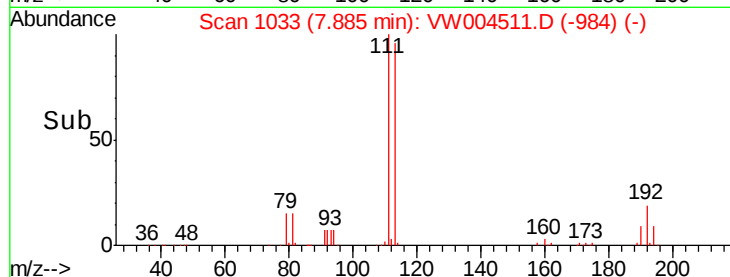
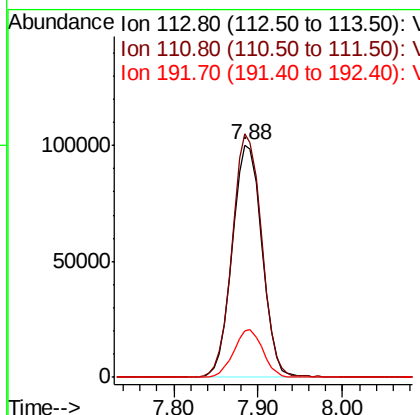
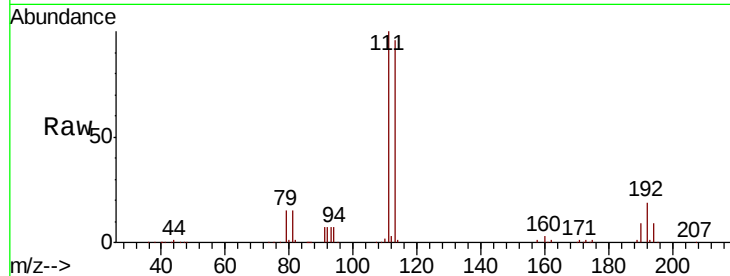




#35
 Dibromofluoromethane
 Concen: 40.72 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004511.D
 Acq: 07 Aug 2018 23:46

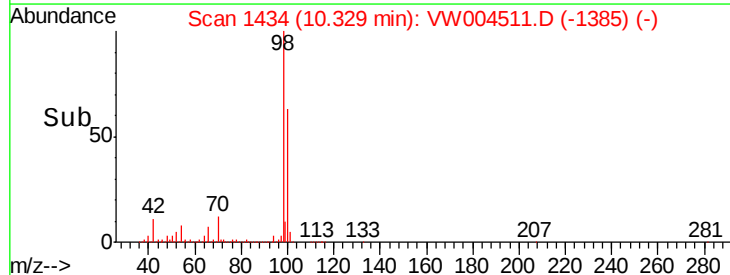
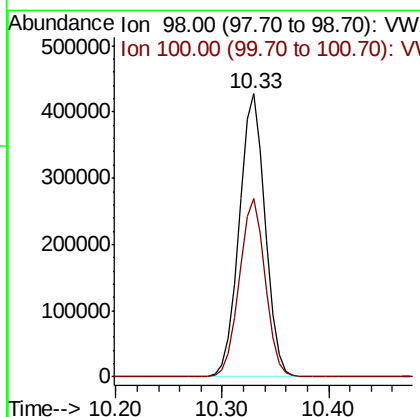
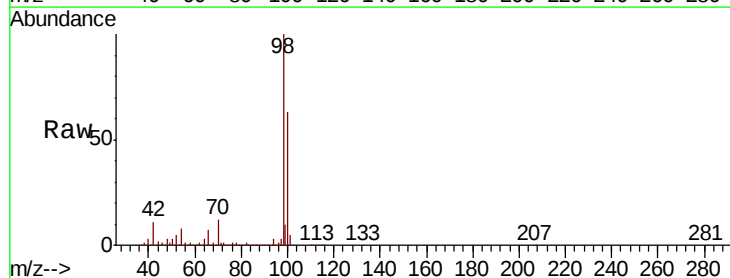
Instrument :
 MSVOA_W
 ClientSampleId :
 155-CONCRETE

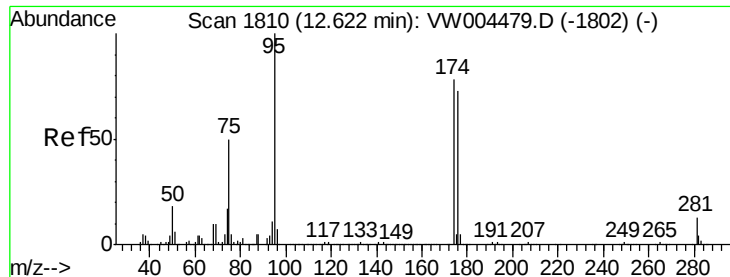
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.9	124.3
192	20.0	15.8	23.6



#50
 Toluene-d8
 Concen: 32.72 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW004511.D
 Acq: 07 Aug 2018 23:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.7	51.4	77.2

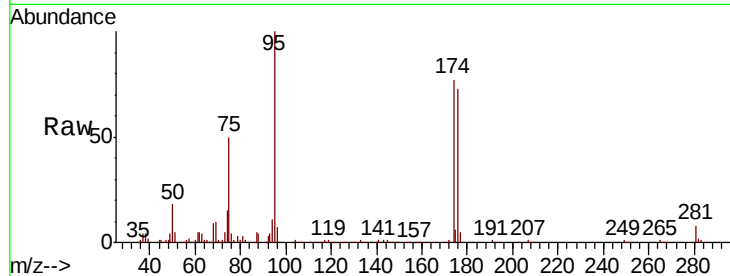




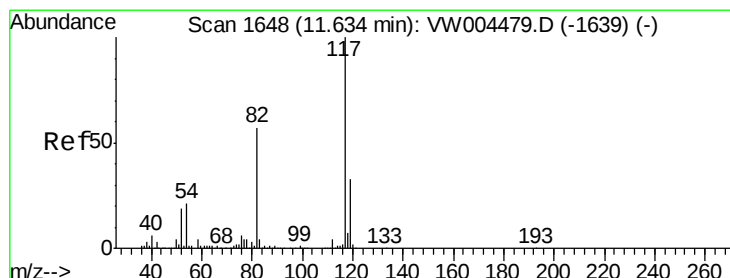
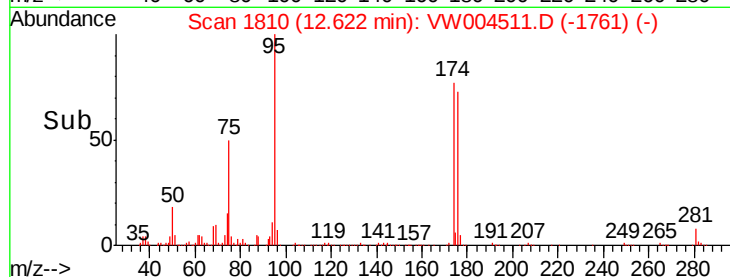
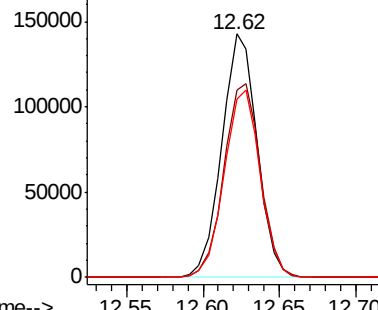
#62
4-Bromofluorobenzene
Concen: 28.43 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW004511.D
Acq: 07 Aug 2018 23:46

Instrument :
MSVOA_W
ClientSampleId :
155-CONCRETE

Tot Ion: 95 Resp: 229009
Ion Ratio Lower Upper
95 100
174 82.6 0.0 160.4
176 78.4 0.0 153.2

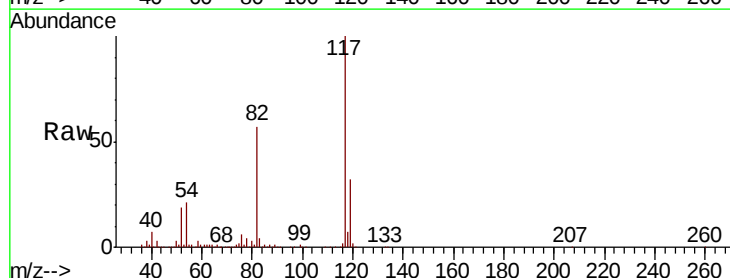


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

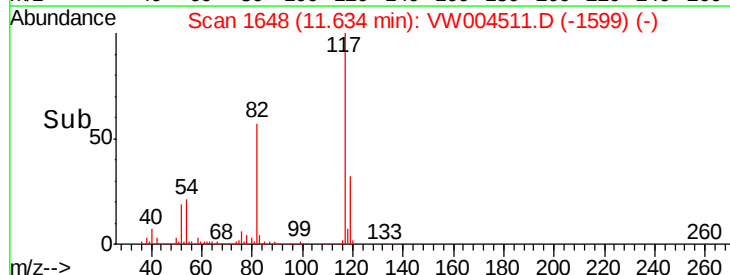
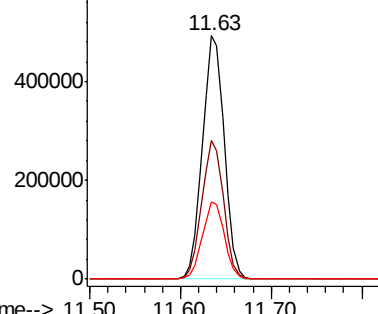


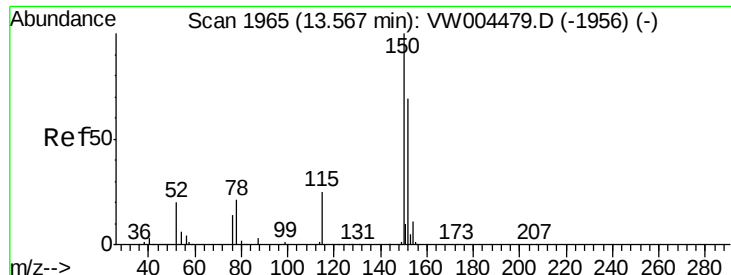
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004511.D
Acq: 07 Aug 2018 23:46

Tgt Ion: 117 Resp: 825374
Ion Ratio Lower Upper
117 100
82 57.1 45.3 67.9
119 31.9 26.2 39.4



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004511.D

Acq: 07 Aug 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

155-CONCRETE

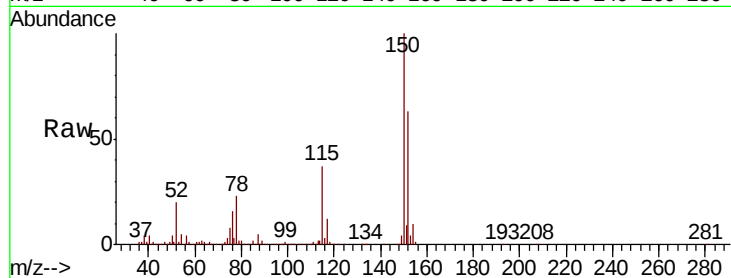
Tot Ion:152 Resp: 346628

Ion Ratio Lower Upper

152 100

115 58.3 29.1 87.3

150 156.6 0.0 349.6



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

