

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081218\
 Data File : VW004570.D
 Acq On : 10 Aug 2018 00:17
 Operator : SY/AP
 Sample : J4276-01RE
 Misc : 5.68G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-02-080718RE

Quant Time: Aug 10 04:04:22 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

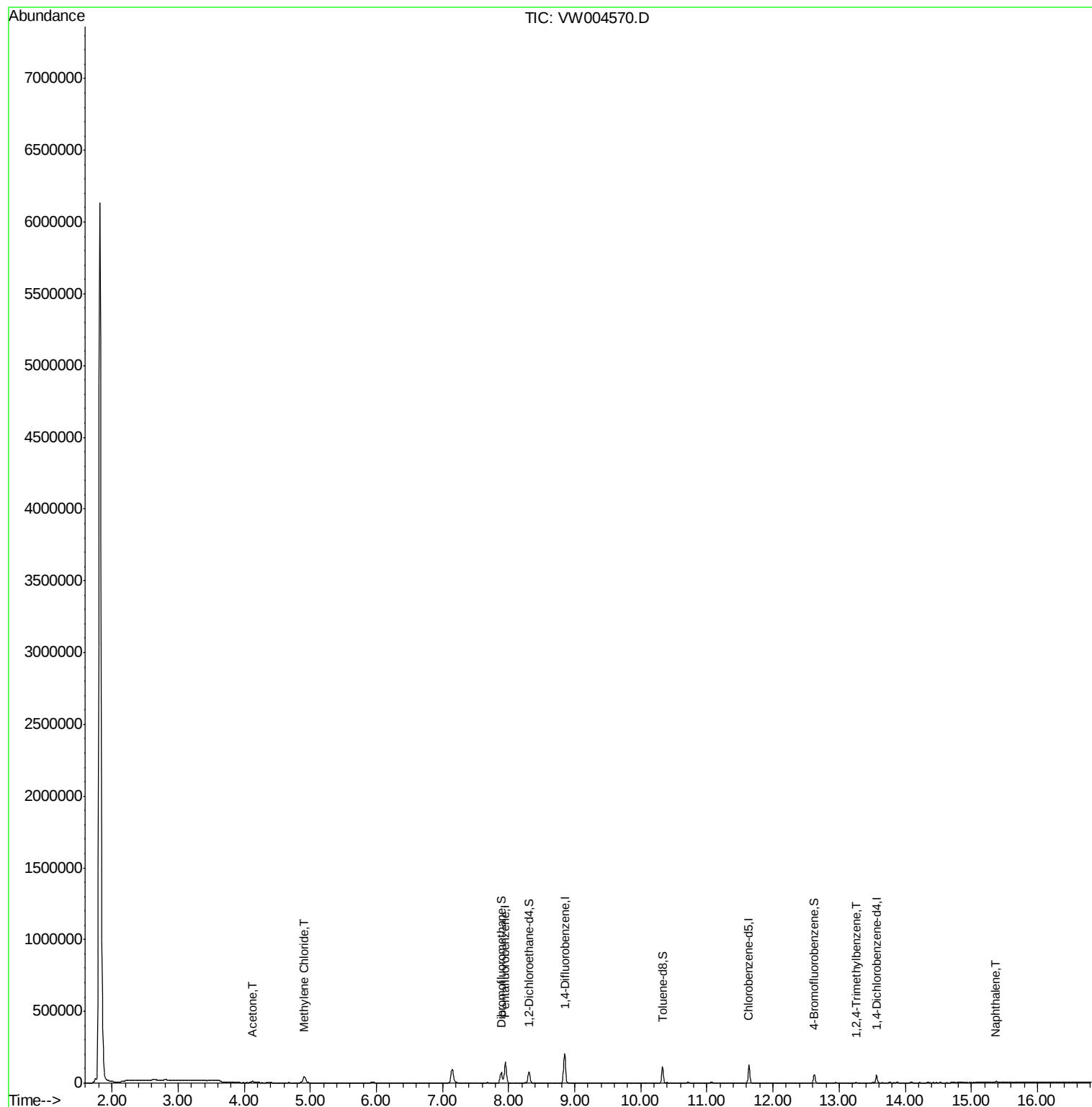
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	107917	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	169016	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	73088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	15295	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	60026	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.50%	
35) Dibromofluoromethane	7.88	113	54207	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.20%	
50) Toluene-d8	10.33	98	76545	17.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	35.64%	
62) 4-Bromofluorobenzene	12.62	95	17059	11.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	22.04%	
Target Compounds						
16) Acetone	4.12	43	17744	59.48	ug/l	96
20) Methylene Chloride	4.91	84	30570	14.73	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	1377	1.47	ug/l	99
95) Naphthalene	15.38	128	6732	12.19	ug/l	96

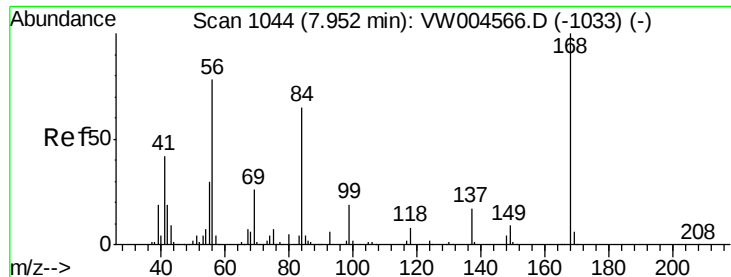
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081218\
Data File : VW004570.D
Acq On : 10 Aug 2018 00:17
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Quant Title : SW846 8260
QLast Update : Tue Aug 07 08:22:01 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: VW004570.D

Acq: 10 Aug 2018 00:17

Instrument :

MSVOA_W

ClientSampleId :

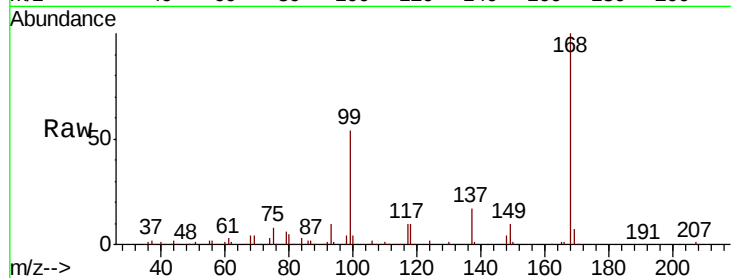
OK-02-080718RE

Tot Ion:168 Resp: 107917

Ion Ratio Lower Upper

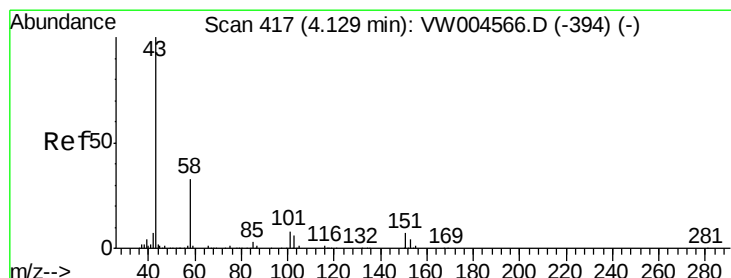
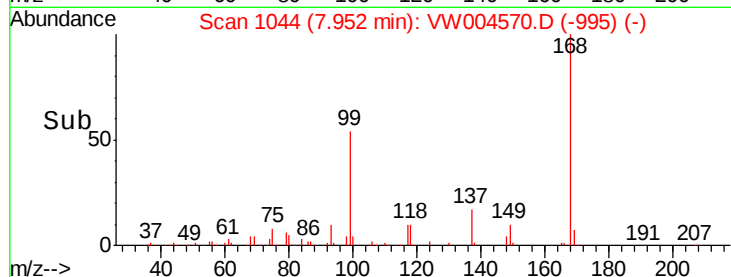
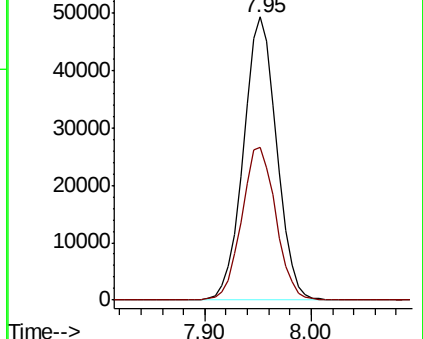
168 100

99 53.8 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 59.48 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.01 min

Lab File: VW004570.D

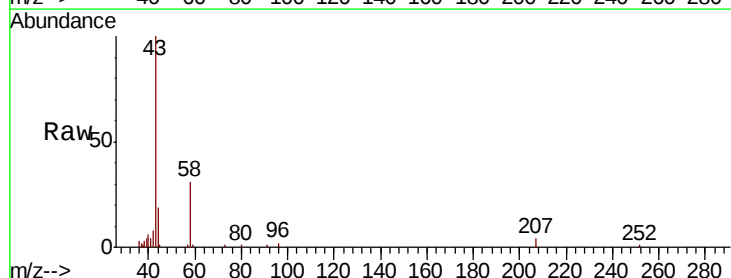
Acq: 10 Aug 2018 00:17

Tgt Ion: 43 Resp: 17744

Ion Ratio Lower Upper

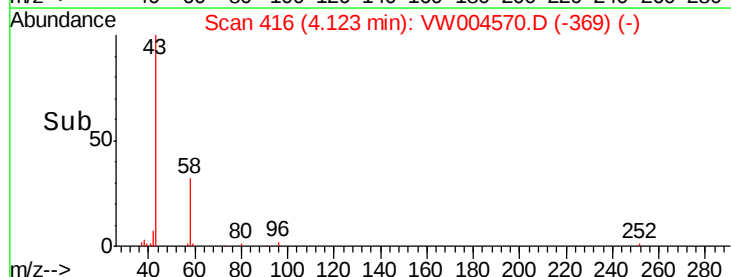
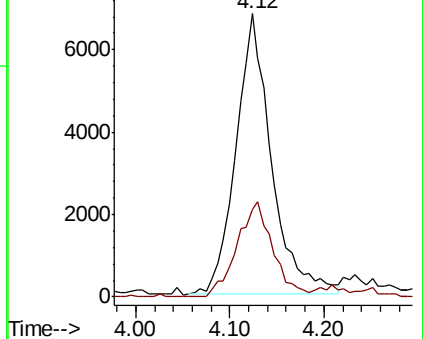
43 100

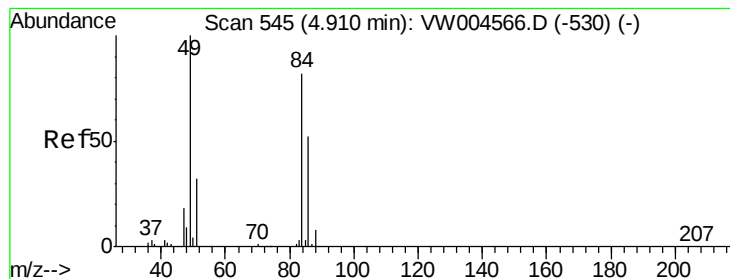
58 31.3 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 14.73 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW004570.D

Acq: 10 Aug 2018 00:17

Instrument :

MSVOA_W

ClientSampleId :

OK-02-080718RE

Tot Ion: 84 Resp: 30570

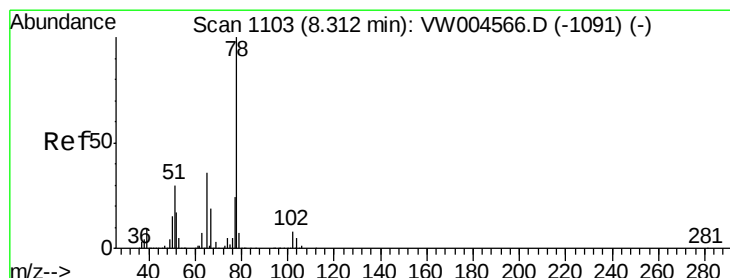
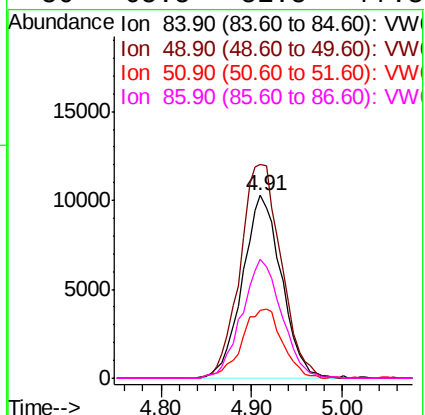
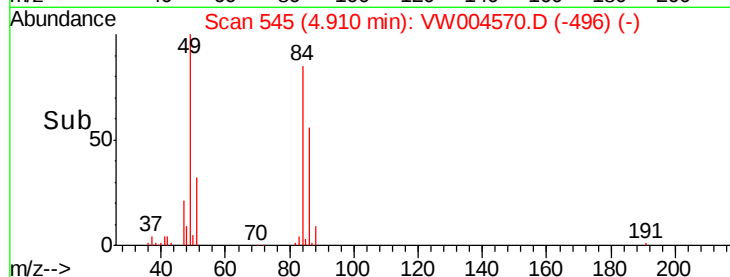
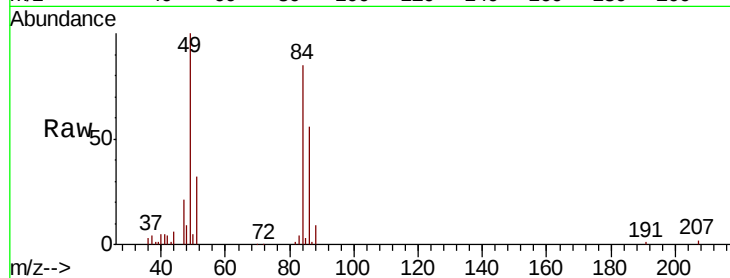
Ion Ratio Lower Upper

84 100

49 117.1 99.6 149.4

51 37.3 31.0 46.4

86 65.5 51.5 77.3



#33

1,2-Dichloroethane-d4

Concen: 50.25 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW004570.D

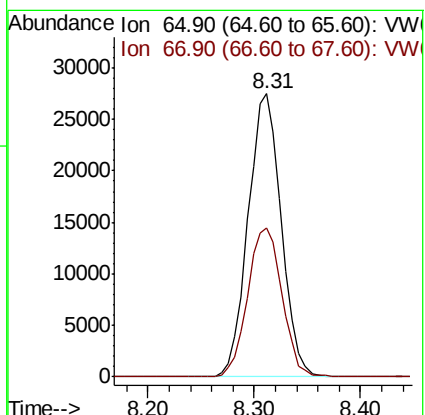
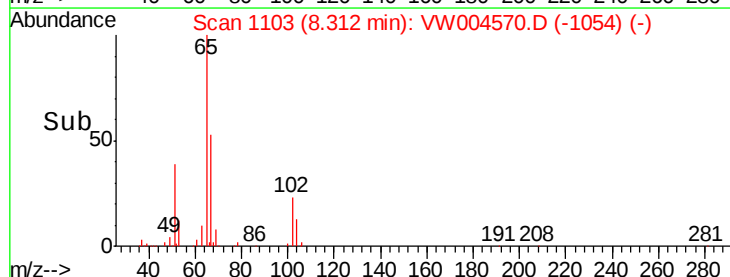
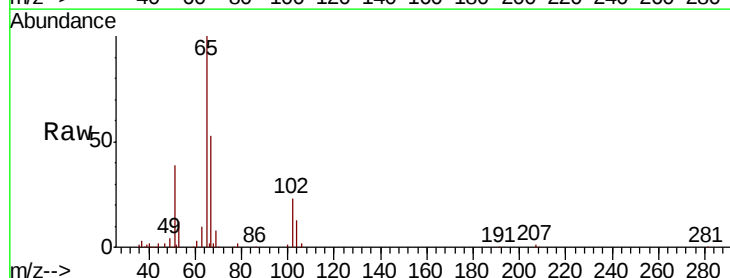
Acq: 10 Aug 2018 00:17

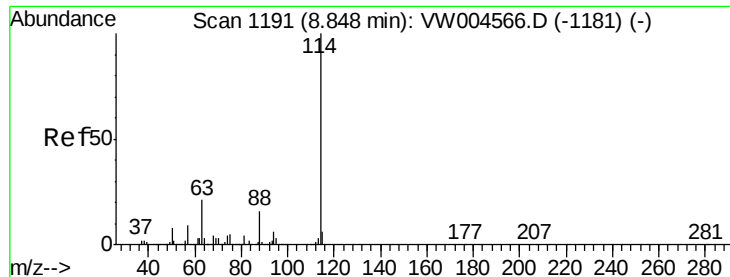
Tgt Ion: 65 Resp: 60026

Ion Ratio Lower Upper

65 100

67 54.7 0.0 109.0

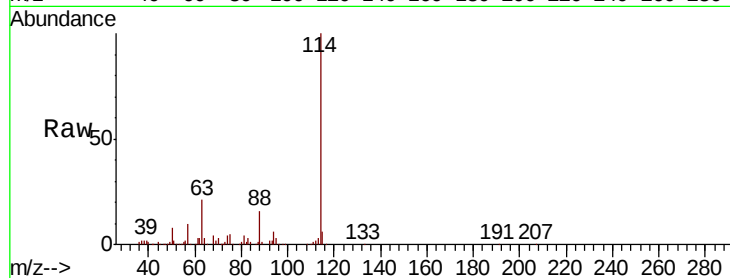




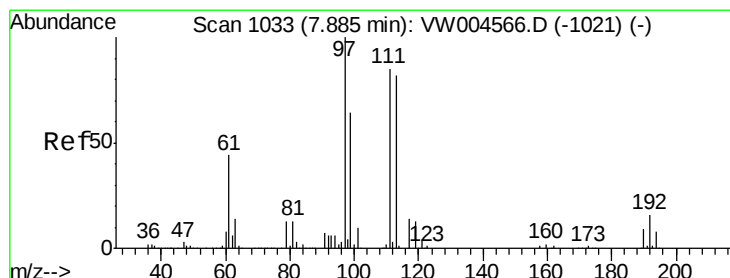
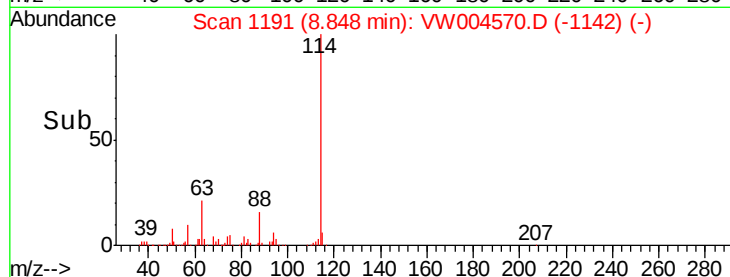
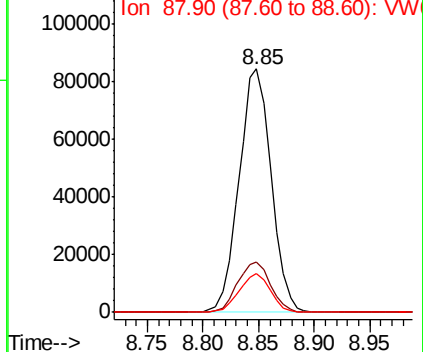
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004570.D
 Acq: 10 Aug 2018 00:17

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-02-080718RE

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	42.4
88	15.9	0.0	31.2

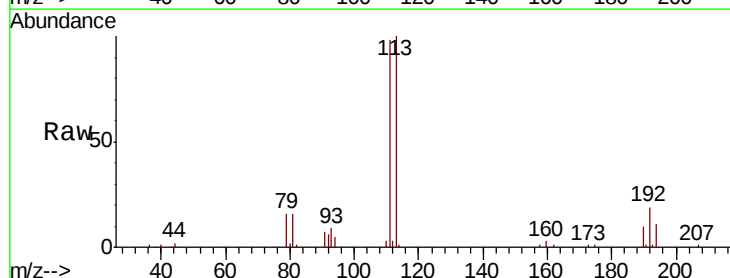


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

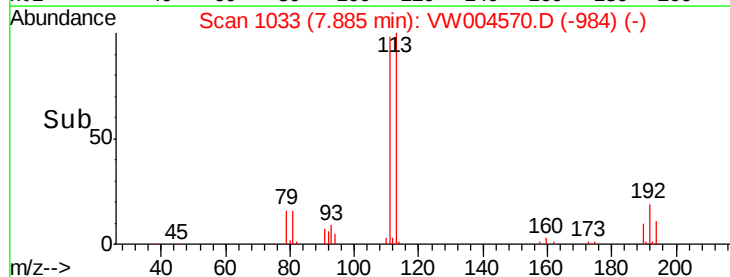
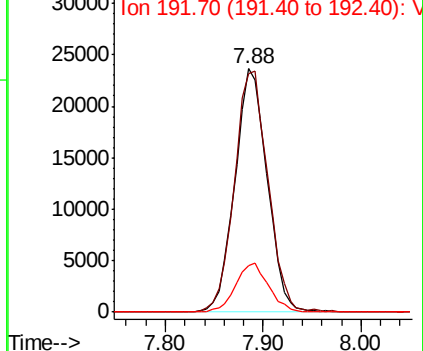


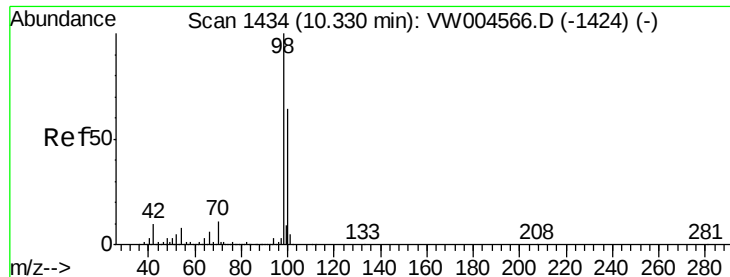
#35
 Dibromofluoromethane
 Concen: 48.10 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004570.D
 Acq: 10 Aug 2018 00:17

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.9	124.3
192	20.2	15.8	23.6



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: 17.82 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004570.D

Acq: 10 Aug 2018 00:17

Instrument :

MSVOA_W

ClientSampleId :

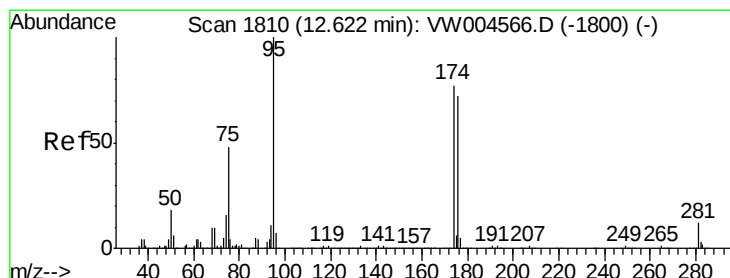
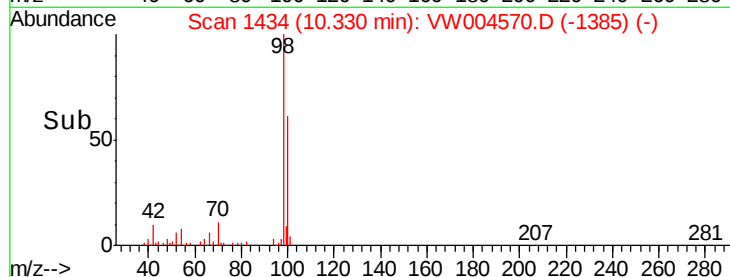
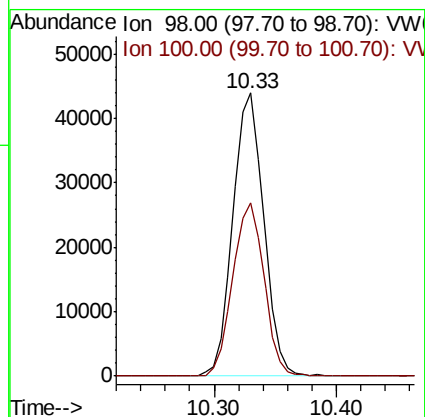
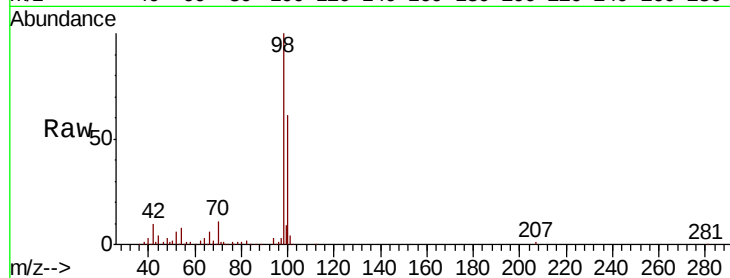
OK-02-080718RE

Tot Ion: 98 Resp: 76545

Ion Ratio Lower Upper

98 100

100 62.3 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 11.02 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004570.D

Acq: 10 Aug 2018 00:17

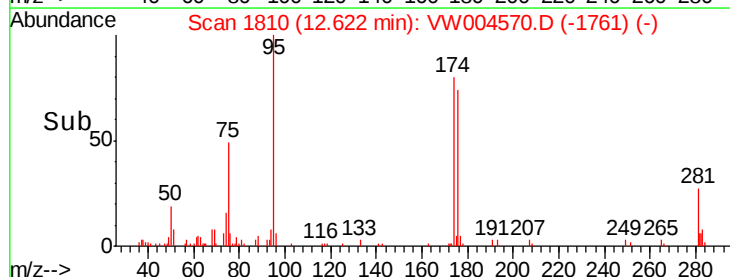
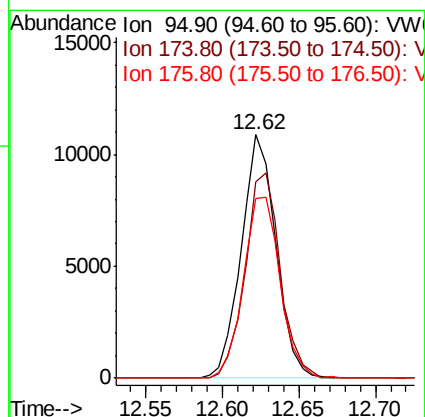
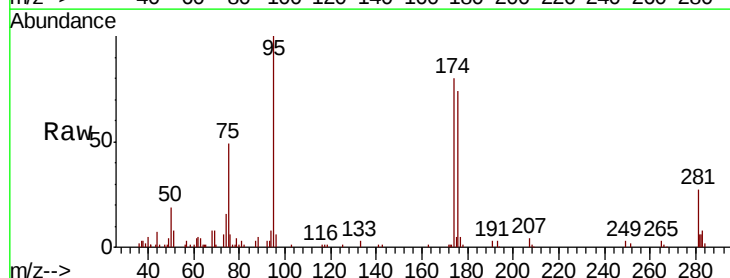
Tgt Ion: 95 Resp: 17059

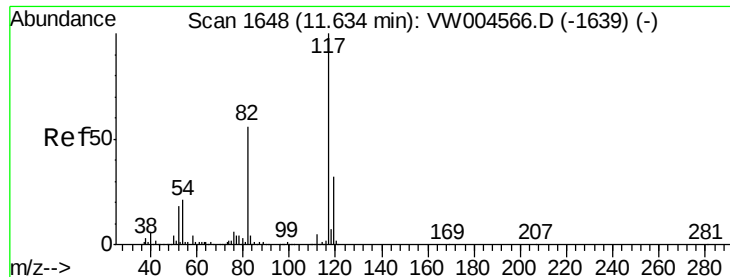
Ion Ratio Lower Upper

95 100

174 85.3 0.0 160.4

176 78.9 0.0 153.2

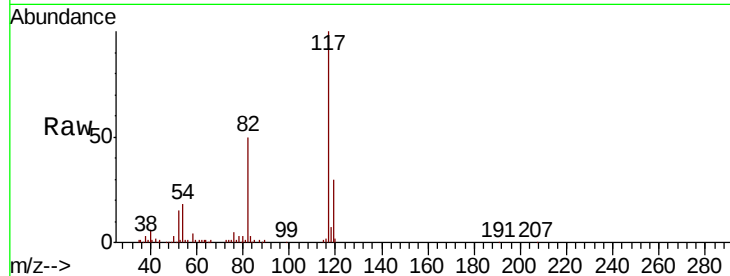




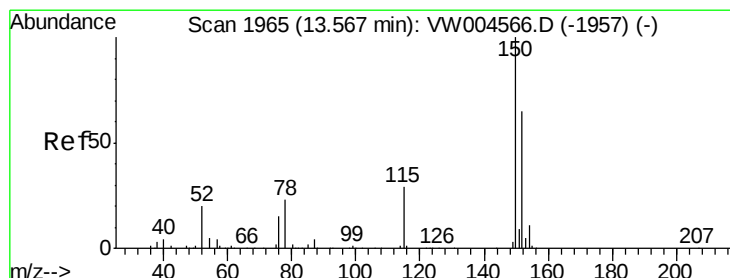
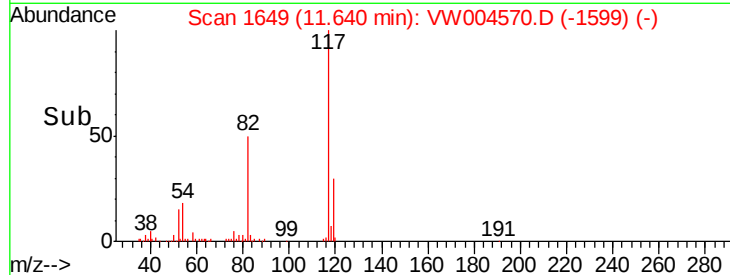
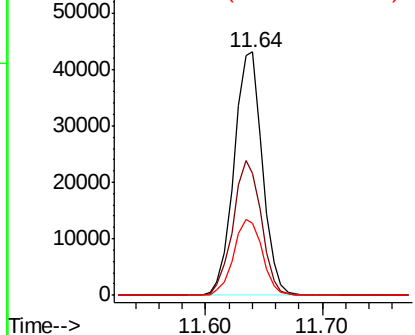
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.01 min
Lab File: VW004570.D
Acq: 10 Aug 2018 00:17

Instrument :
MSVOA_W
ClientSampleId :
OK-02-080718RE

Tot Ion:117 Resp: 73088
Ion Ratio Lower Upper
117 100
82 50.3 45.3 67.9
119 29.6 26.2 39.4

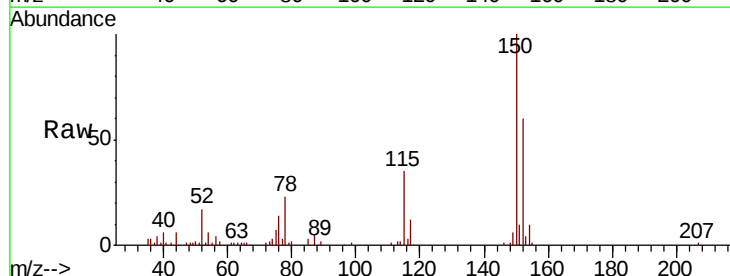


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

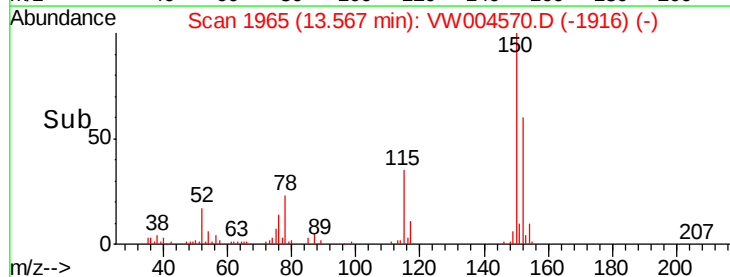
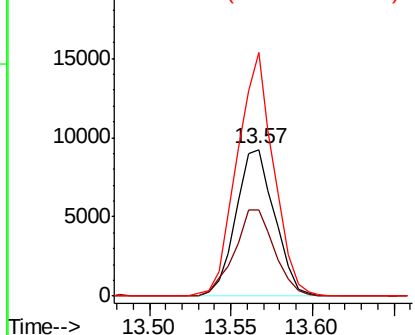


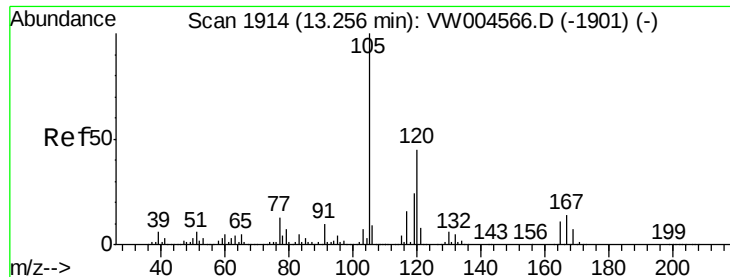
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004570.D
Acq: 10 Aug 2018 00:17

Tgt Ion:152 Resp: 15295
Ion Ratio Lower Upper
152 100
115 60.5 29.1 87.3
150 156.5 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





#84

1,2,4-Trimethylbenzene

Concen: 1.47 ug/l

RT: 13.26 min Scan# 1915

Delta R.T. 0.01 min

Lab File: VW004570.D

Acq: 10 Aug 2018 00:17

Instrument :

MSVOA_W

ClientSampleId :

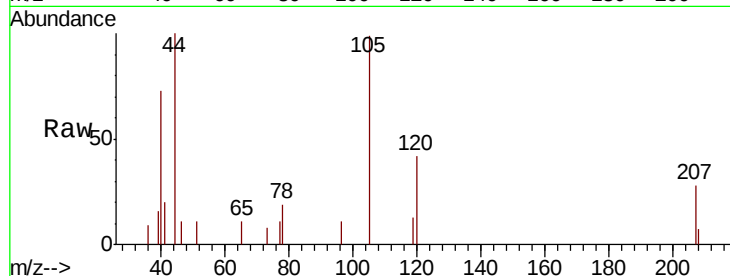
OK-02-080718RE

Tot Ion:105 Resp: 1377

Ion Ratio Lower Upper

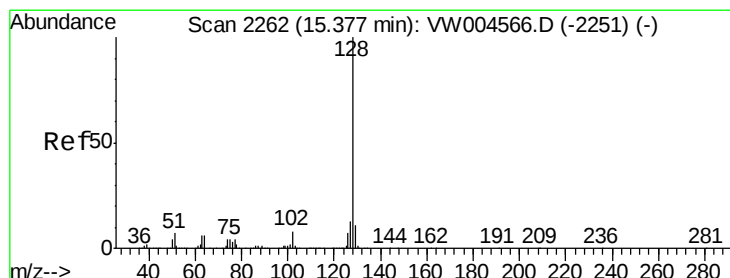
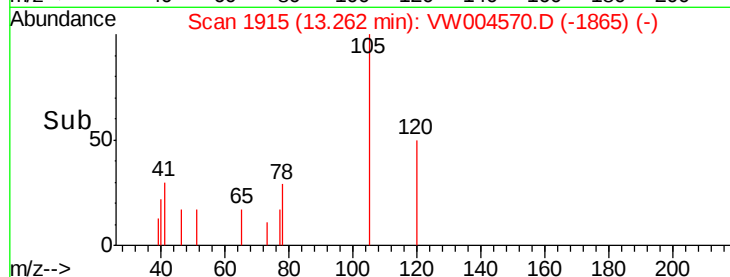
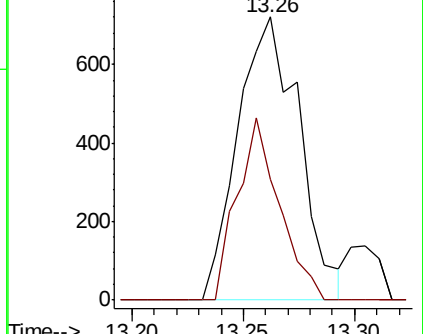
105 100

120 44.4 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 12.19 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004570.D

Acq: 10 Aug 2018 00:17

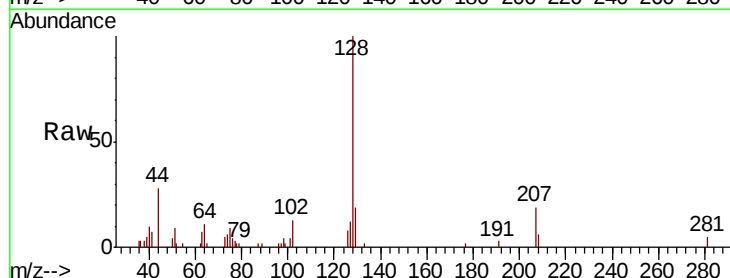
Tgt Ion:128 Resp: 6732

Ion Ratio Lower Upper

128 100

127 14.2 10.3 15.5

129 12.5 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

