

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW050818\
 Data File : VW002291.D
 Acq On : 08 May 2018 13:57
 Operator : JC/SY
 Sample : J2626-04RE
 Misc : 9.44G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-MX-4(90-92)RE

Quant Time: May 08 16:26:12 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 08 03:57:58 2018
 Response via : Initial Calibration

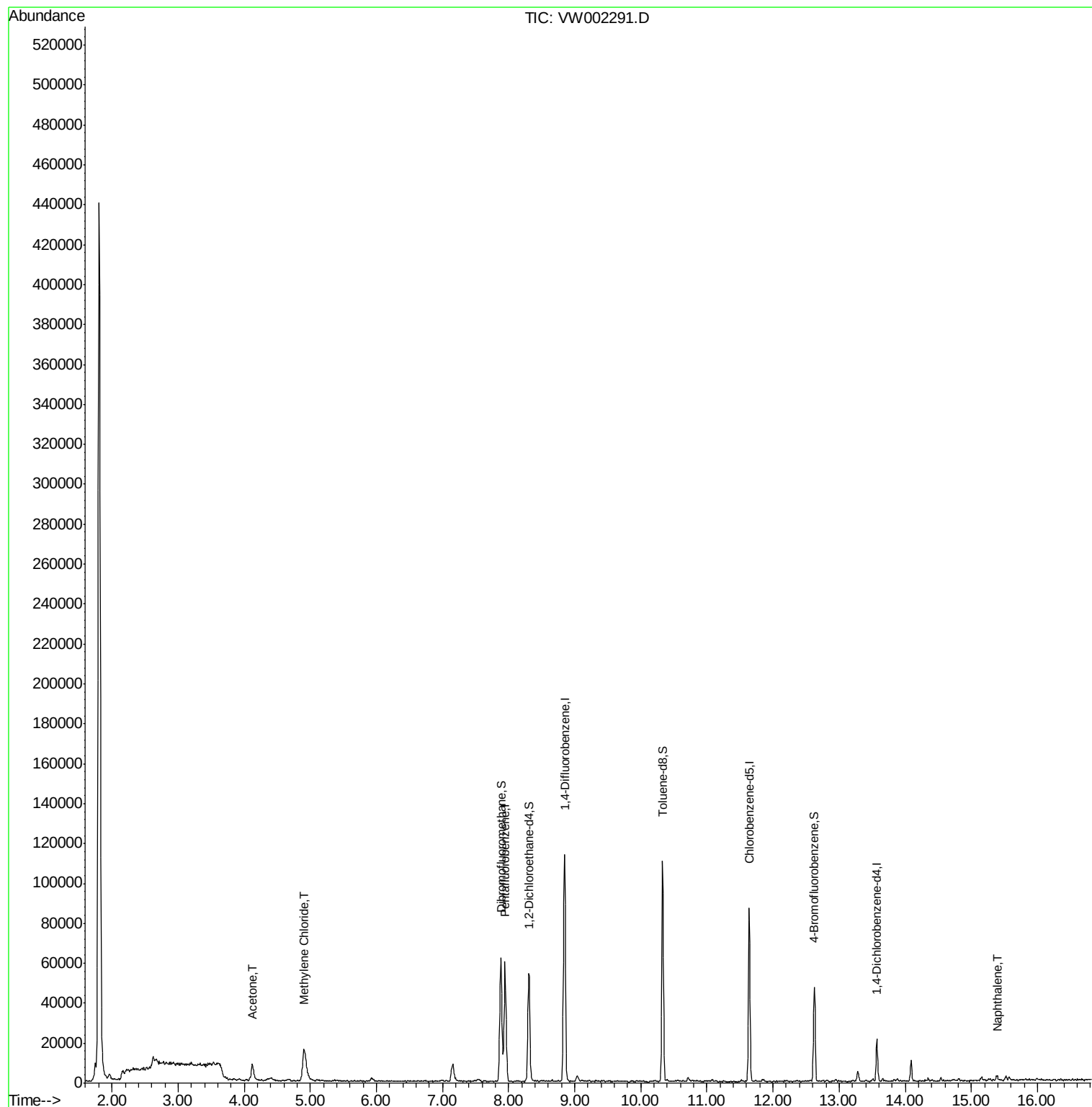
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	44943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	95707	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	48104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	5469	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	42115	88.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	176.48%	
35) Dibromofluoromethane	7.88	113	43657	71.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	142.34%	
50) Toluene-d8	10.33	98	70467	30.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.24%	
62) 4-Bromofluorobenzene	12.63	95	8814	10.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	20.86%	
Target Compounds						
16) Acetone	4.12	43	14396	154.45	ug/l	Qvalue 92
20) Methylene Chloride	4.90	84	14896	33.15	ug/l	94
95) Naphthalene	15.38	128	1965	9.30	ug/l #	94

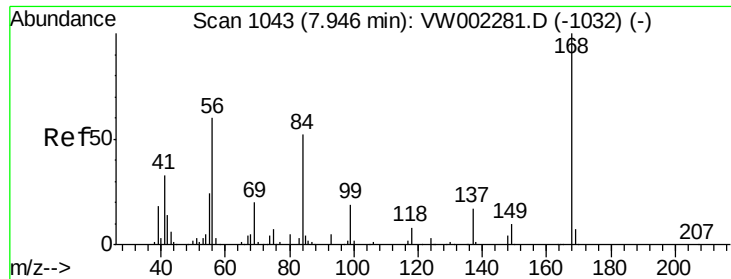
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VW002291.D

Acq: 08 May 2018 13:57

Instrument :

MSVOA_W

ClientSampleId :

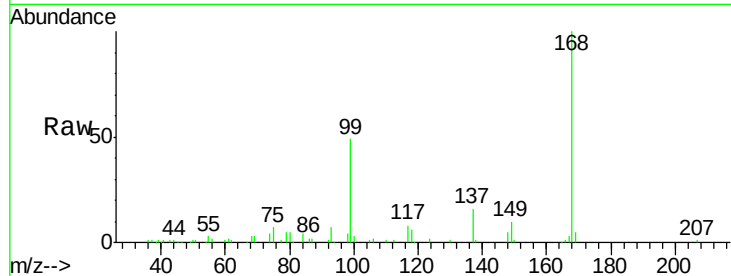
EPE-MX-4(90-92)RE

Tot Ion:168 Resp: 44943

Ion Ratio Lower Upper

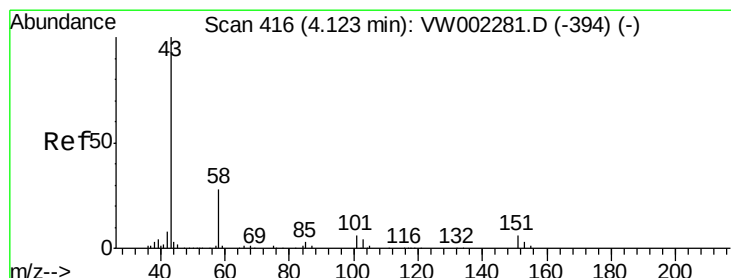
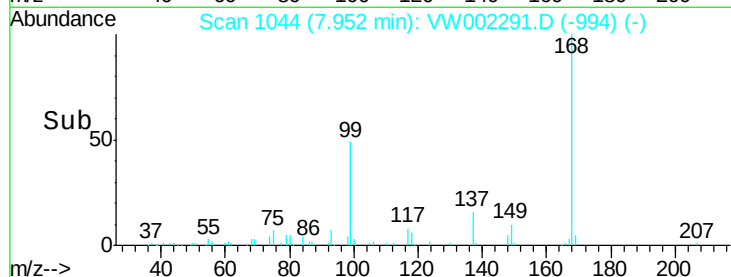
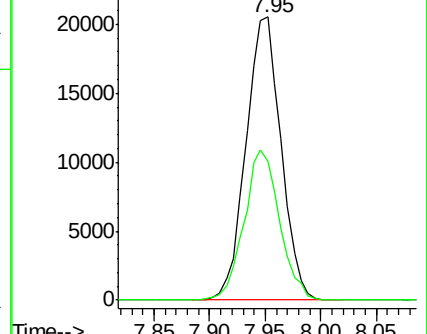
168 100

99 48.9 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 154.45 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.00 min

Lab File: VW002291.D

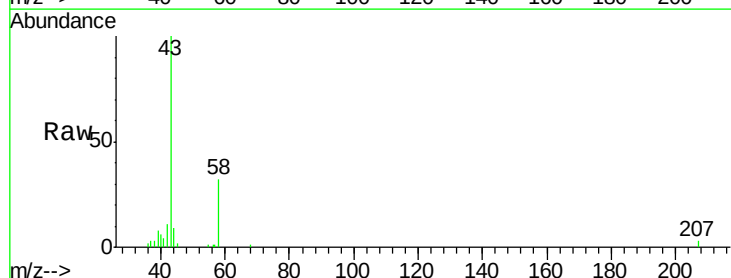
Acq: 08 May 2018 13:57

Tgt Ion: 43 Resp: 14396

Ion Ratio Lower Upper

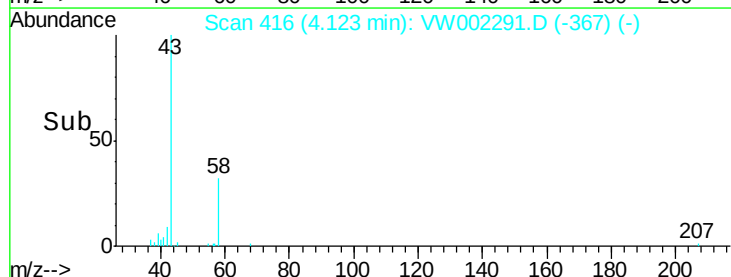
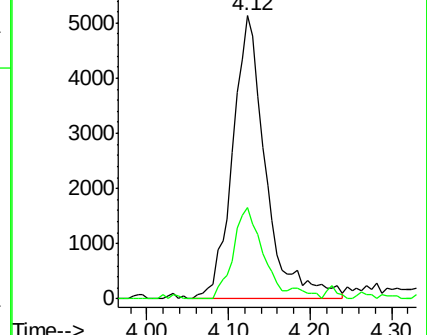
43 100

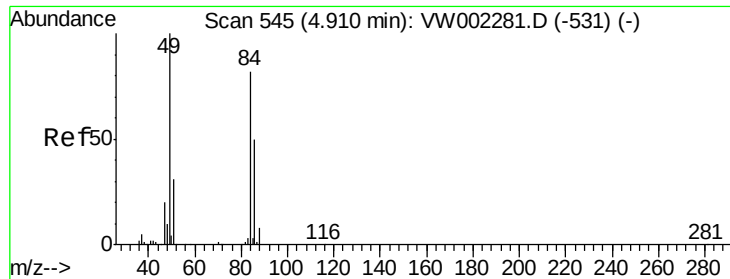
58 32.2 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

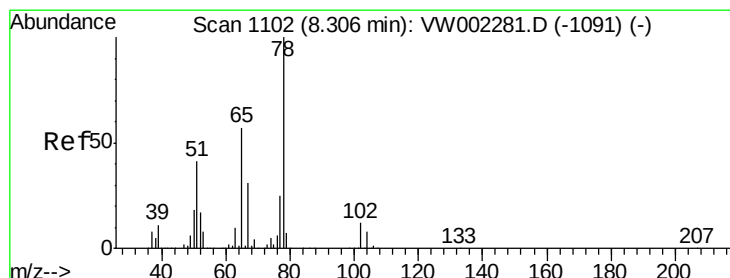
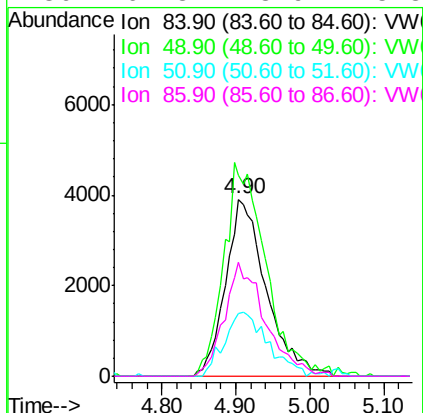
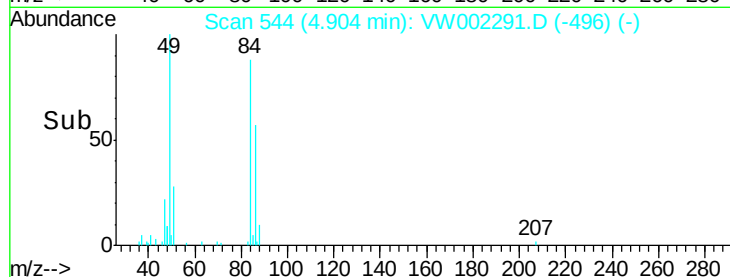
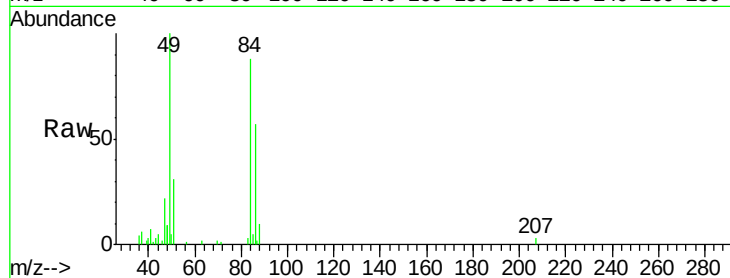




#20
Methylene Chloride
Concen: 33.15 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW002291.D
Acq: 08 May 2018 13:57

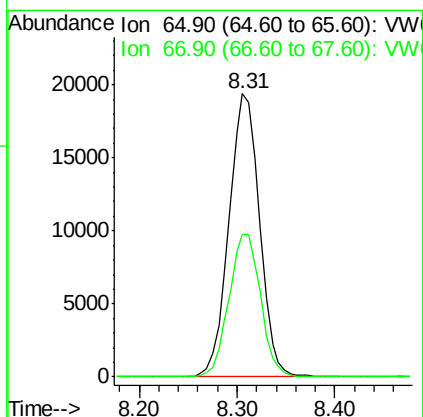
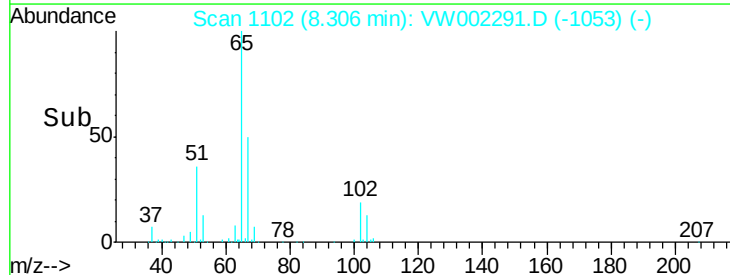
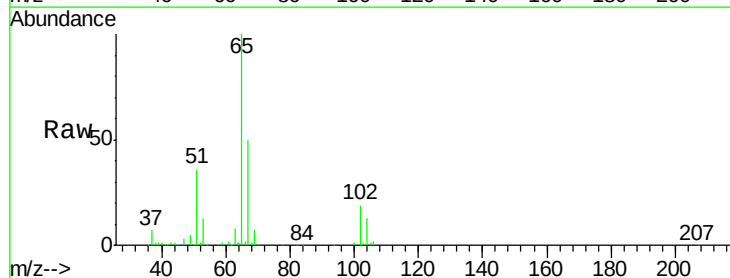
Instrument :
MSVOA_W
ClientSampleId :
EPE-MX-4(90-92)RE

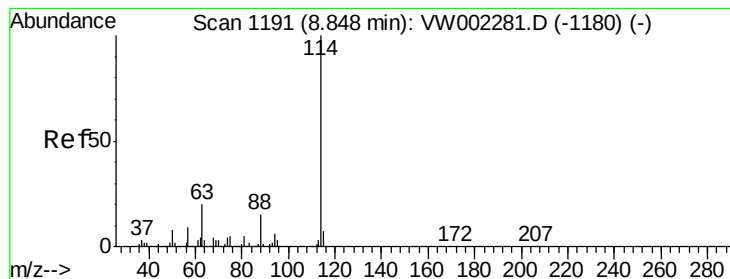
Tot Ion: 84 Resp: 14896
Ion Ratio Lower Upper
84 100
49 113.6 97.7 146.5
51 35.3 30.2 45.4
86 64.3 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 88.24 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VW002291.D
Acq: 08 May 2018 13:57

Tgt Ion: 65 Resp: 42115
Ion Ratio Lower Upper
65 100
67 51.8 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW002291.D

Acq: 08 May 2018 13:57

Instrument :

MSVOA_W

ClientSampleId :

EPE-MX-4(90-92)RE

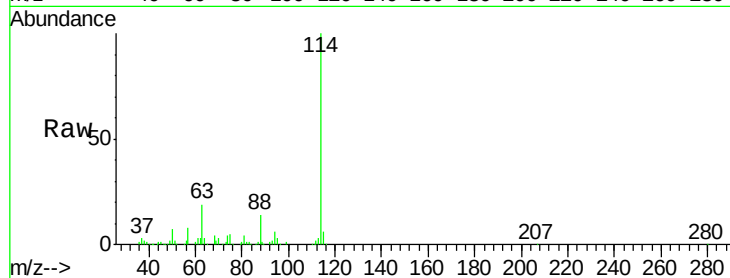
Tot Ion:114 Resp: 95707

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.0

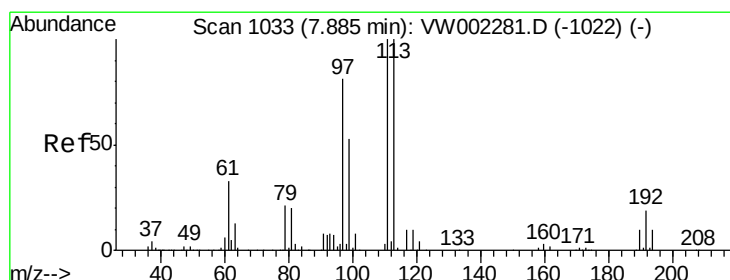
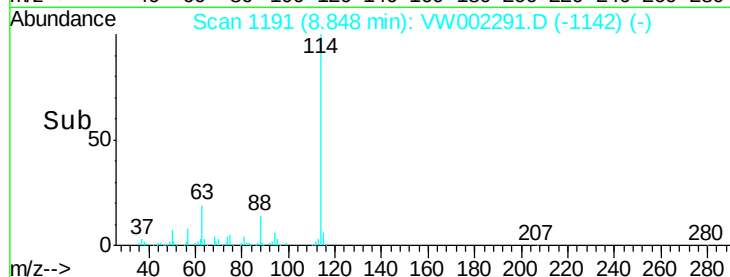
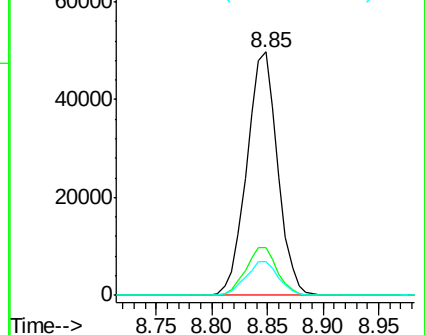
88 14.1 0.0 29.6



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: 71.17 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW002291.D

Acq: 08 May 2018 13:57

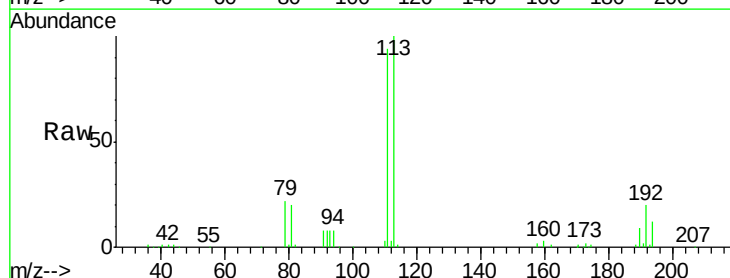
Tgt Ion:113 Resp: 43657

Ion Ratio Lower Upper

113 100

111 99.6 81.5 122.3

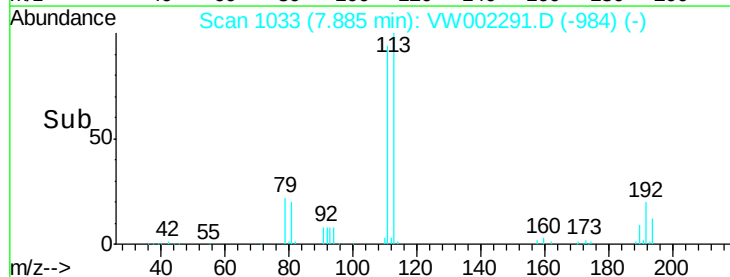
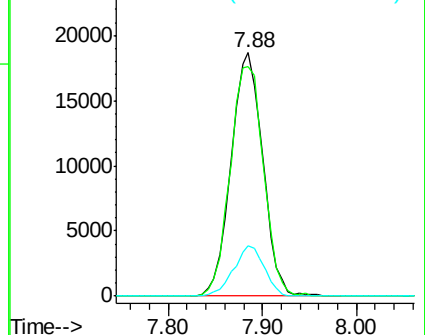
192 20.1 16.4 24.6

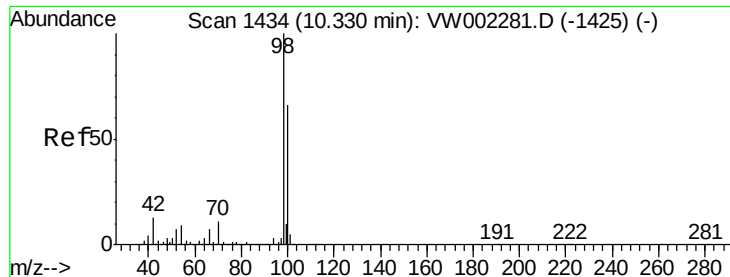


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 30.12 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002291.D

Acq: 08 May 2018 13:57

Instrument :

MSVOA_W

ClientSampleId :

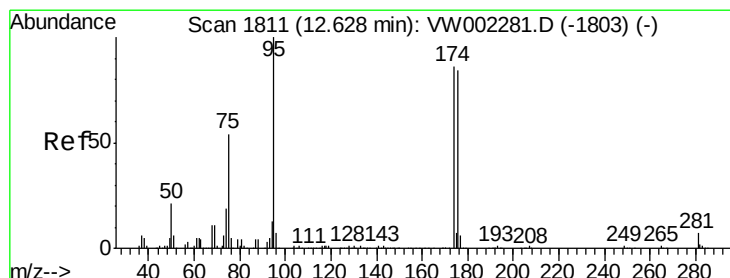
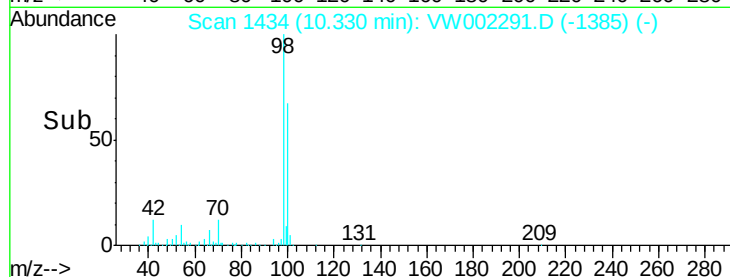
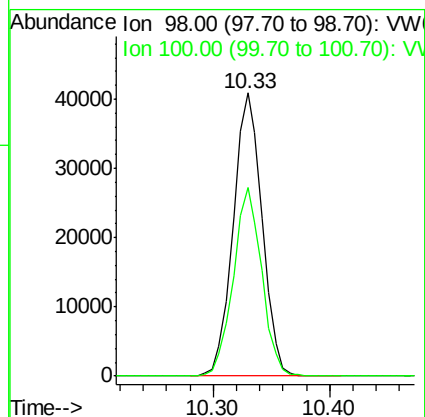
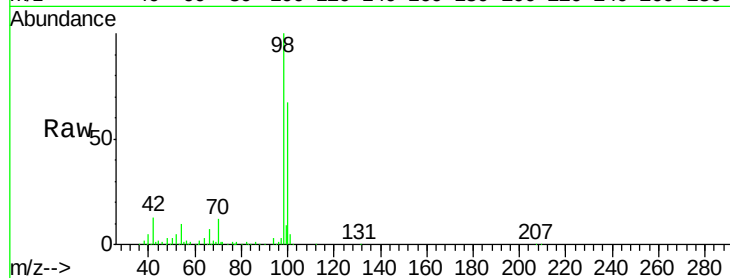
EPE-MX-4(90-92)RE

Tot Ion: 98 Resp: 70467

Ion Ratio Lower Upper

98 100

100 65.4 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 10.43 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002291.D

Acq: 08 May 2018 13:57

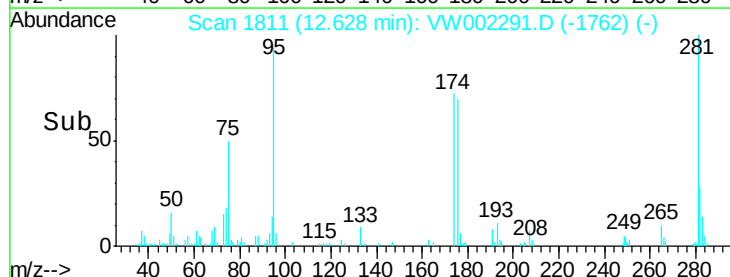
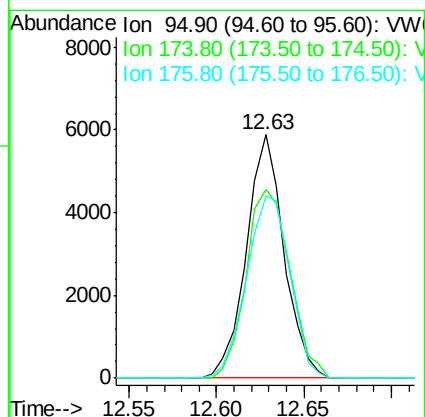
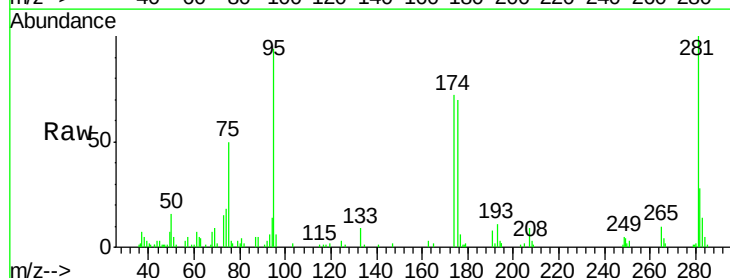
Tgt Ion: 95 Resp: 8814

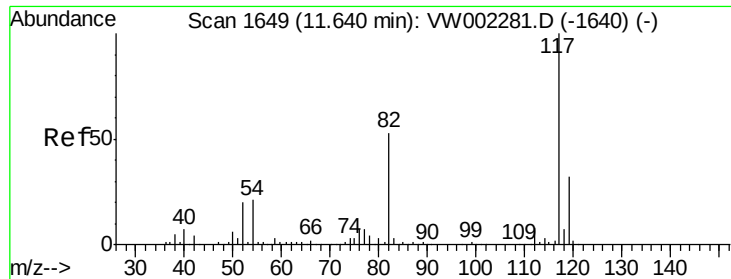
Ion Ratio Lower Upper

95 100

174 89.8 0.0 176.8

176 86.0 0.0 170.4

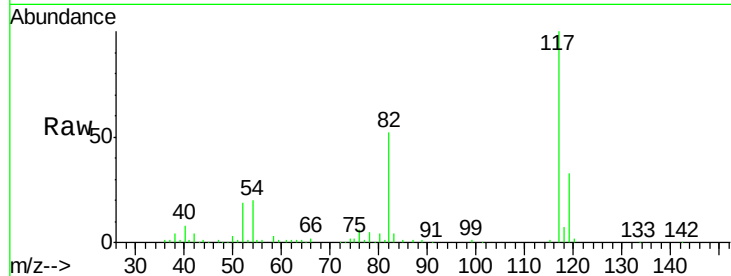




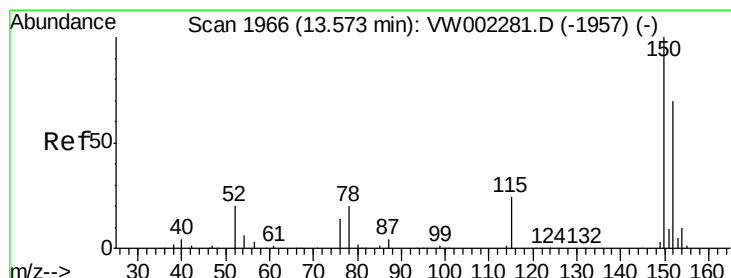
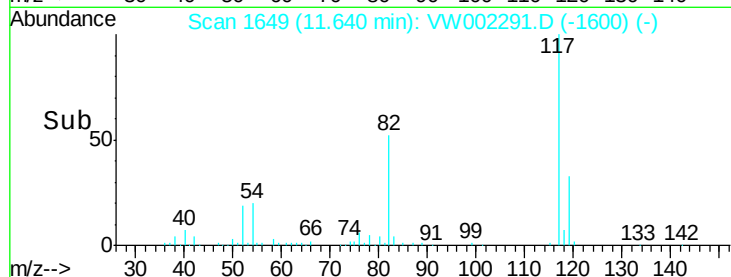
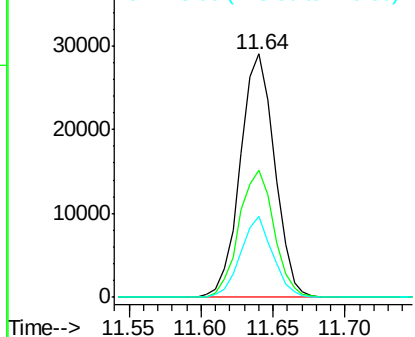
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002291.D
Acq: 08 May 2018 13:57

Instrument :
MSVOA_W
ClientSampleId :
EPE-MX-4(90-92)RE

Tot Ion:117 Resp: 48104
Ion Ratio Lower Upper
117 100
82 52.3 42.6 63.8
119 33.1 25.2 37.8

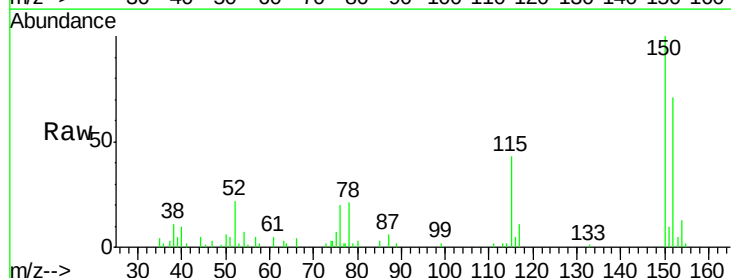


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

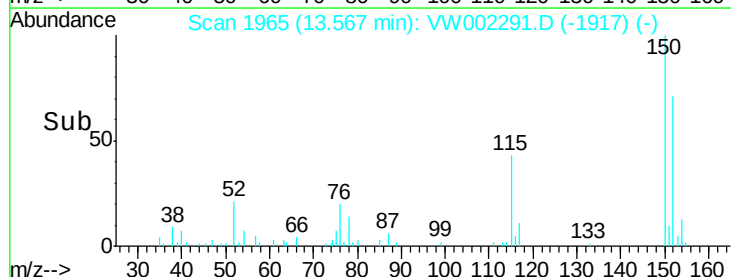
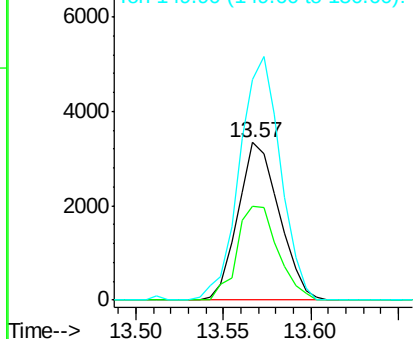


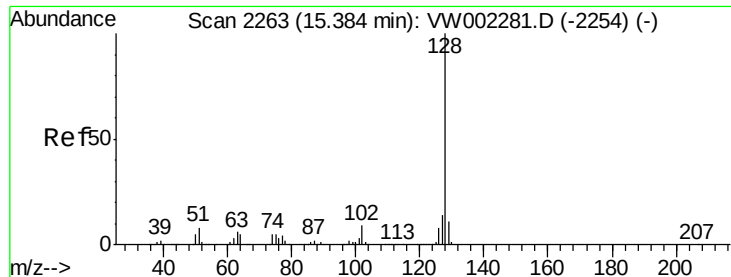
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.01 min
Lab File: VW002291.D
Acq: 08 May 2018 13:57

Tgt Ion:152 Resp: 5469
Ion Ratio Lower Upper
152 100
115 59.0 28.5 85.5
150 153.5 0.0 342.6



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





#95

Naphthalene

Concen: 9.30 ug/l

RT: 15.38 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VW002291.D

Acq: 08 May 2018 13:57

Instrument :

MSVOA_W

ClientSampleId :

EPE-MX-4(90-92)RE

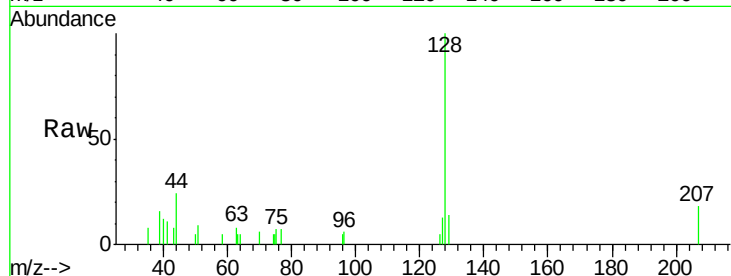
Tot Ion:128 Resp: 1965

Ion Ratio Lower Upper

128 100

127 16.7 11.0 16.4#

129 12.4 8.7 13.1



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

