

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005086.D
 Acq On : 04 Sep 2018 18:06
 Operator : SY/AP
 Sample : J4687-02
 Misc : 3.23G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-08-1.5-2

Quant Time: Sep 04 18:32:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

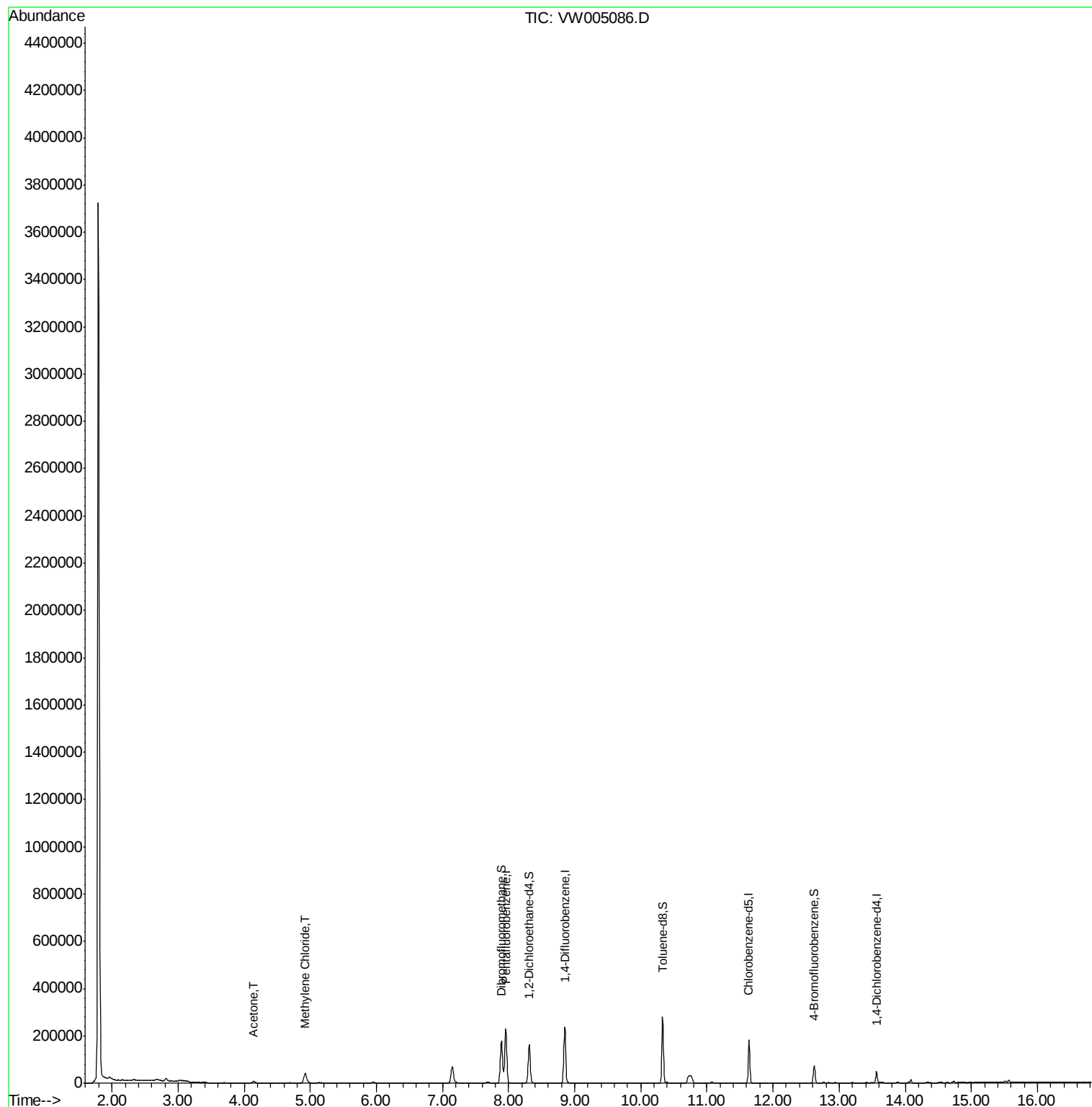
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	192294	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	211672	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	108246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	14254	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	127483	79.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	159.96%	
35) Dibromofluoromethane	7.90	113	132740	108.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	217.04%	
50) Toluene-d8	10.33	98	190691	33.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.66%	
62) 4-Bromofluorobenzene	12.62	95	16036	8.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	16.14%	
Target Compounds						
16) Acetone	4.14	43	9925	31.05	ug/l	95
20) Methylene Chloride	4.92	84	32978	12.34	ug/l	98

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

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Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005086.D

Acq: 04 Sep 2018 18:06

Instrument :

MSVOA_W

ClientSampleId :

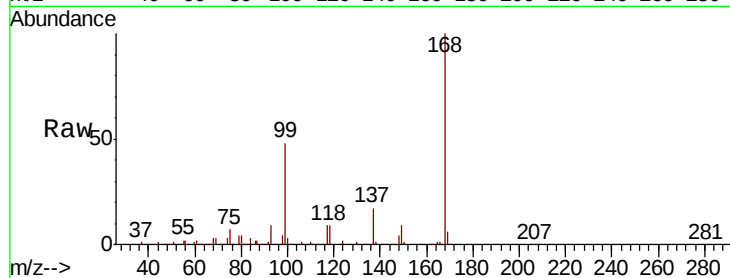
ENY-SB-08-1.5-2

Tot Ion:168 Resp: 192294

Ion Ratio Lower Upper

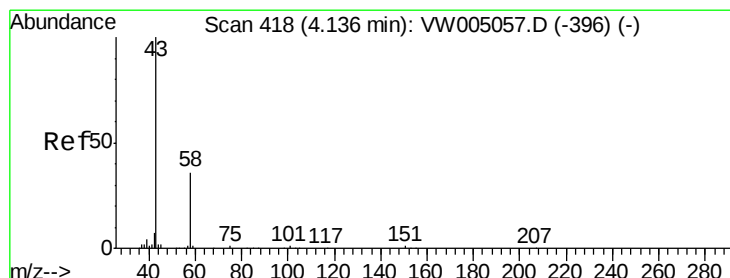
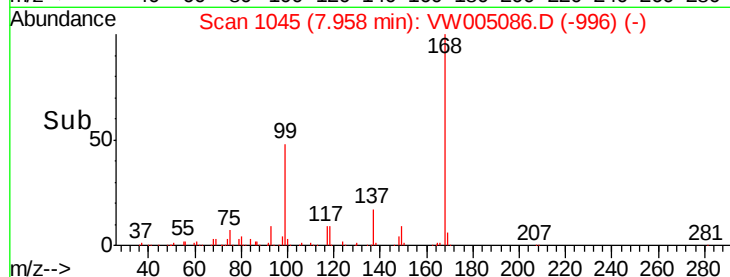
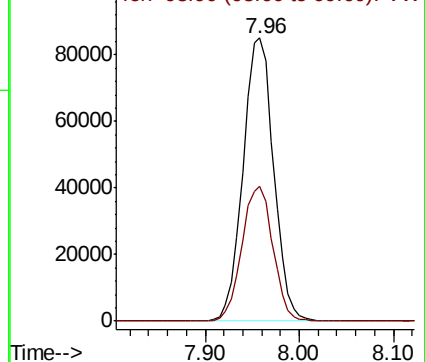
168 100

99 47.9 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 31.05 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW005086.D

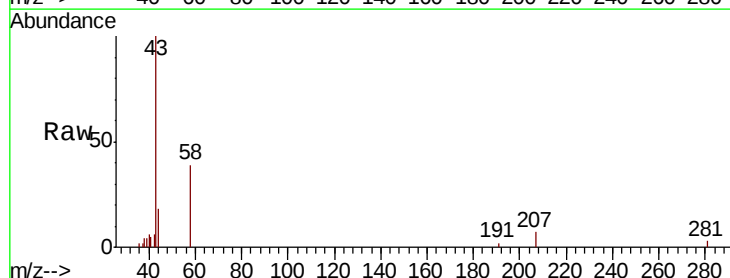
Acq: 04 Sep 2018 18:06

Tgt Ion: 43 Resp: 9925

Ion Ratio Lower Upper

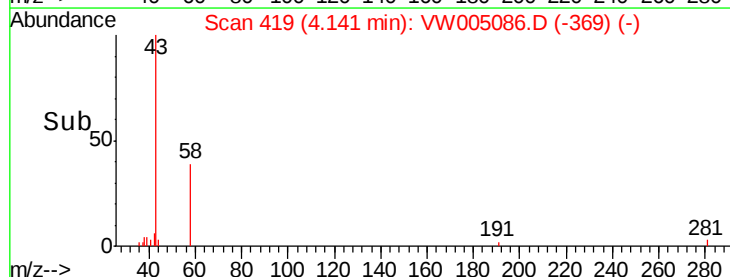
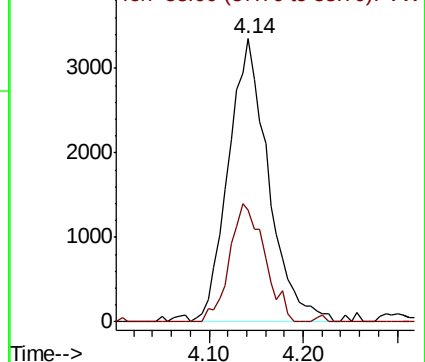
43 100

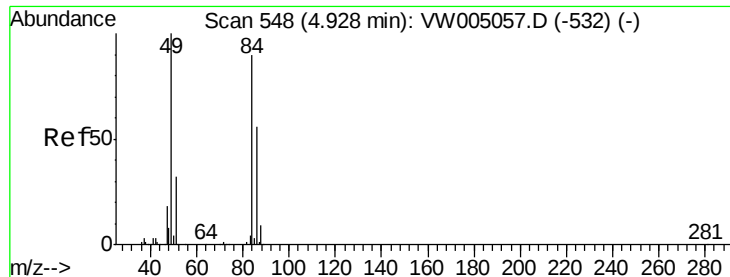
58 39.4 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 12.34 ug/l

RT: 4.92 min Scan# 547

Delta R.T. -0.01 min

Lab File: VW005086.D

Acq: 04 Sep 2018 18:06

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-08-1.5-2

Tot Ion: 84 Resp: 32978

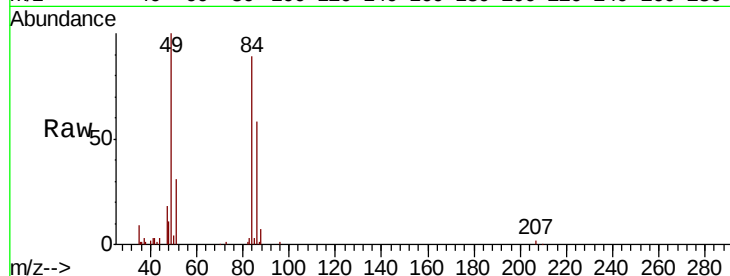
Ion Ratio Lower Upper

84 100

49 112.0 88.7 133.1

51 34.4 28.6 42.8

86 65.0 49.4 74.2

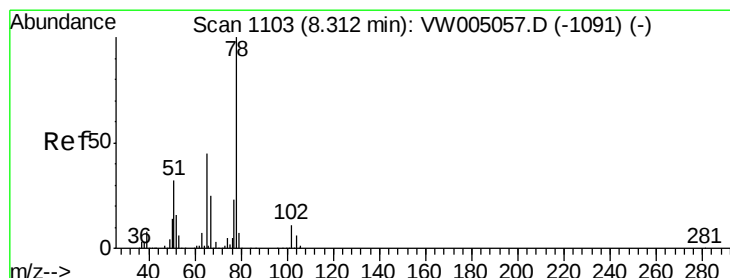
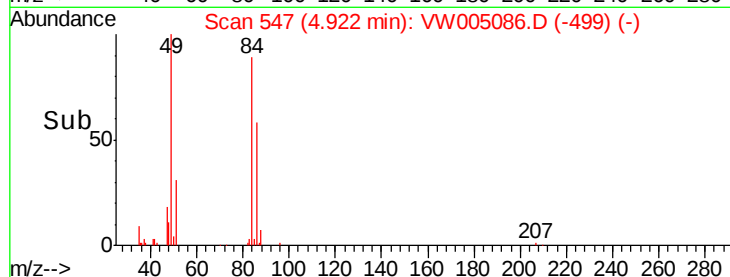
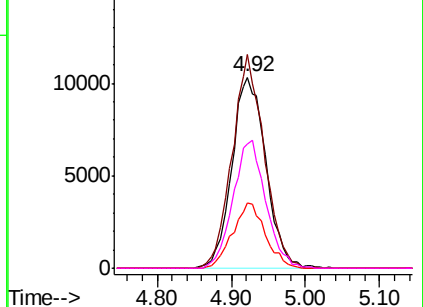


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#33

1,2-Dichloroethane-d4

Concen: 79.98 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW005086.D

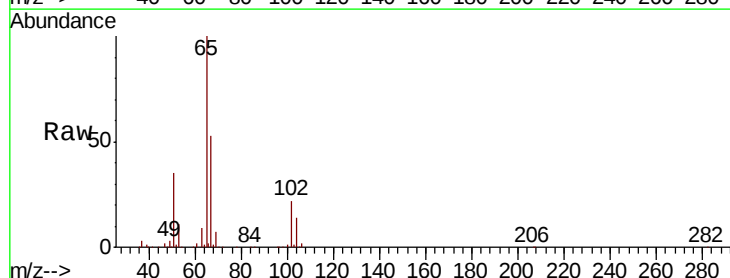
Acq: 04 Sep 2018 18:06

Tgt Ion: 65 Resp: 127483

Ion Ratio Lower Upper

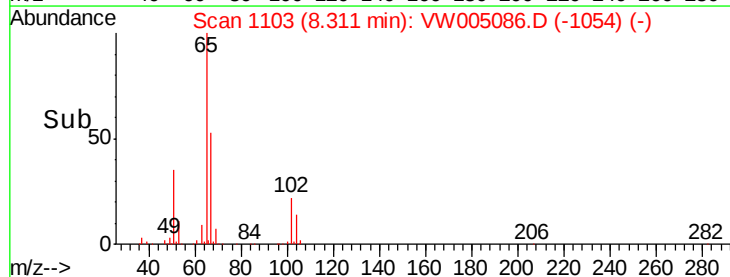
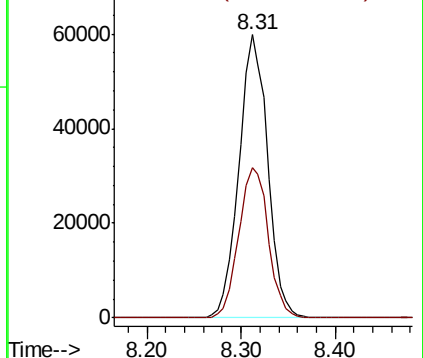
65 100

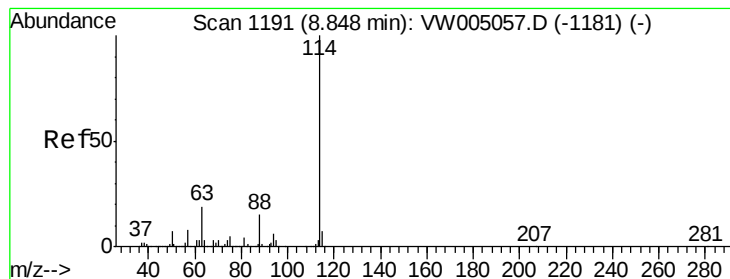
67 54.6 0.0 109.4



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: VW005086.D

Acq: 04 Sep 2018 18:06

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-08-1.5-2

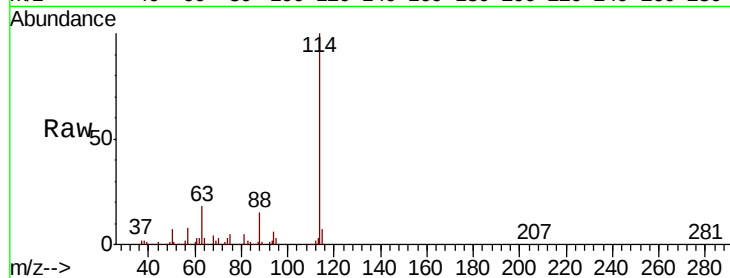
Tot Ion:114 Resp: 211672

Ion Ratio Lower Upper

114 100

63 17.6 0.0 38.0

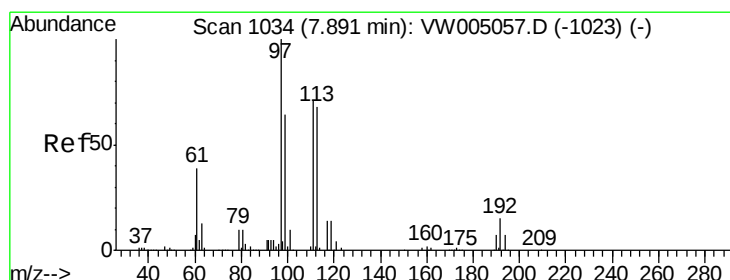
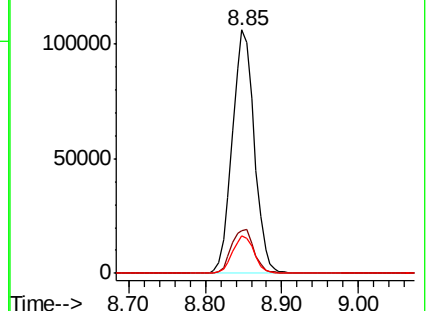
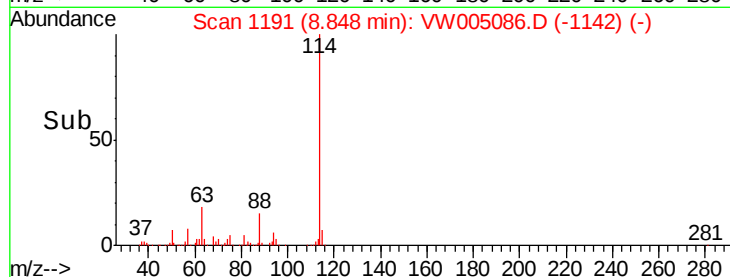
88 15.2 0.0 30.2



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: 108.52 ug/l

RT: 7.90 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VW005086.D

Acq: 04 Sep 2018 18:06

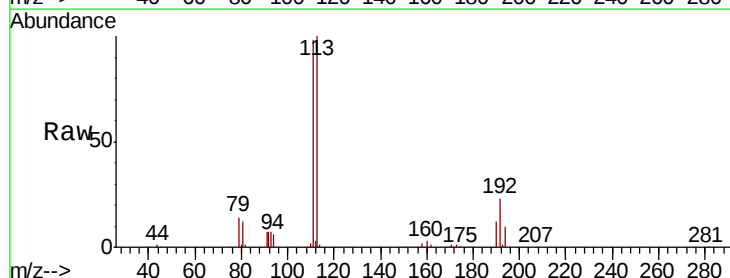
Tgt Ion:113 Resp: 132740

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.2

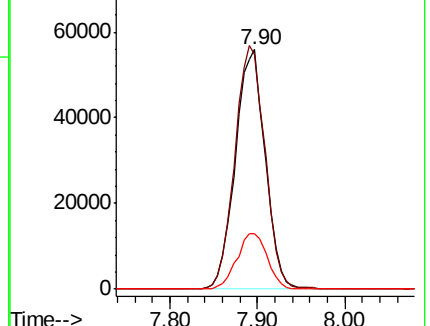
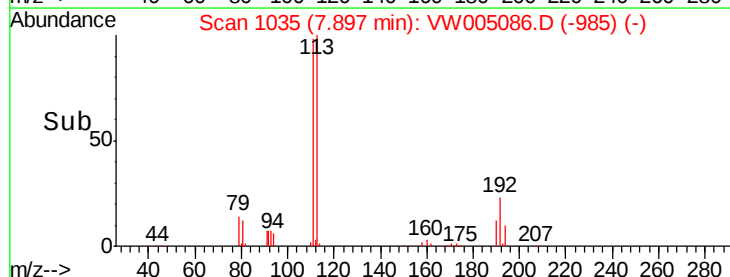
192 23.6 18.1 27.1

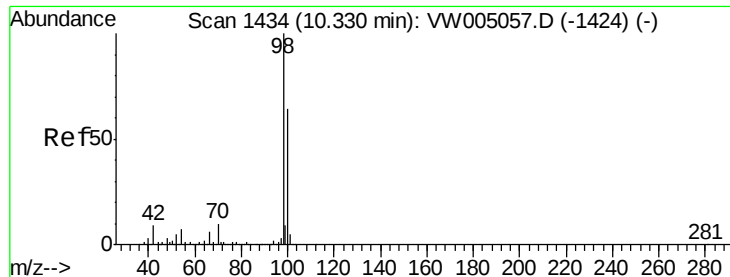


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 33.83 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW005086.D

Acq: 04 Sep 2018 18:06

Instrument :

MSVOA_W

ClientSampleId :

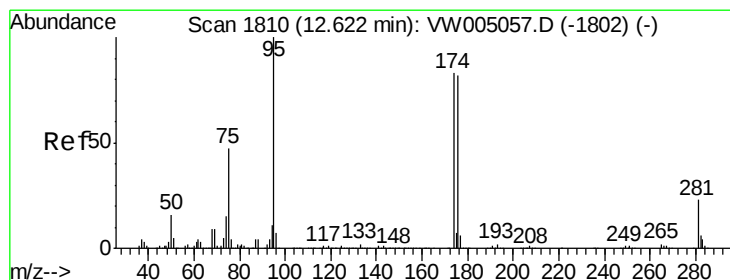
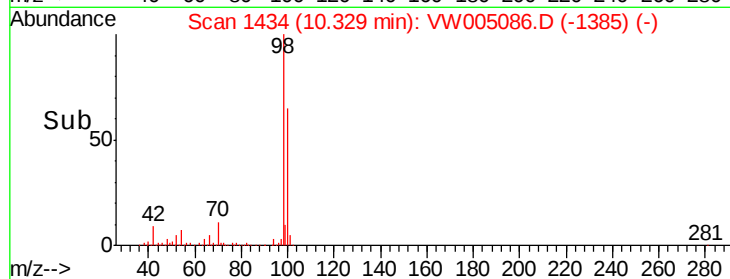
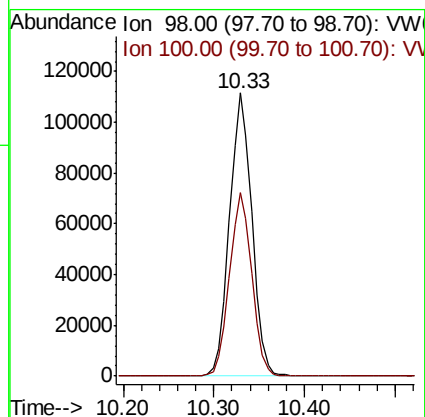
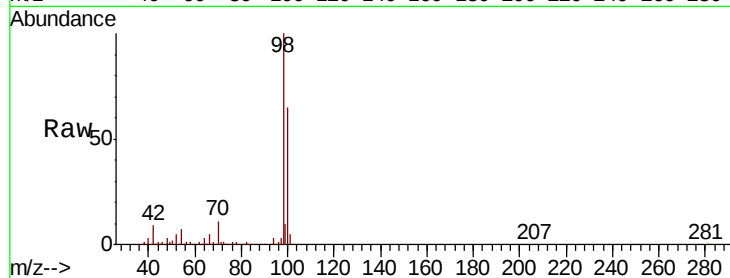
ENY-SB-08-1.5-2

Tot Ion: 98 Resp: 190691

Ion Ratio Lower Upper

98 100

100 64.8 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 8.07 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW005086.D

Acq: 04 Sep 2018 18:06

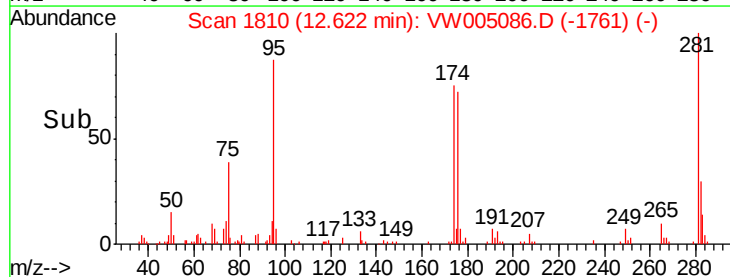
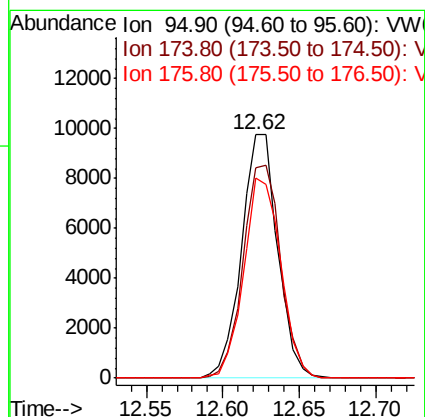
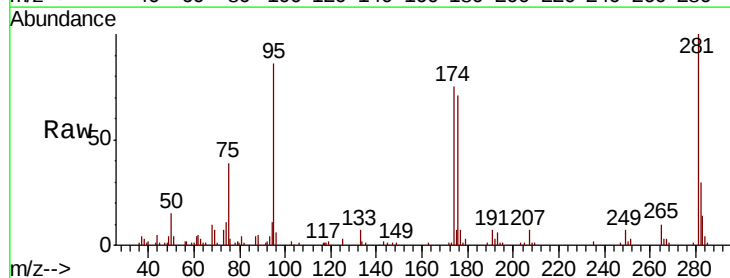
Tgt Ion: 95 Resp: 16036

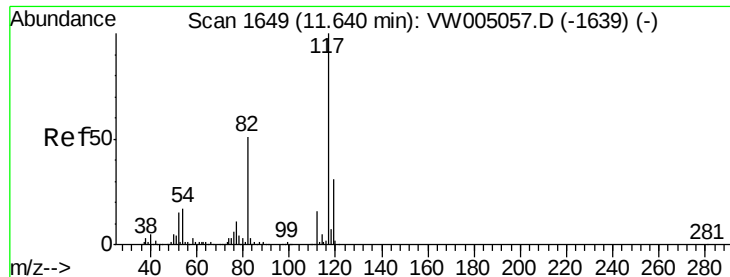
Ion Ratio Lower Upper

95 100

174 90.5 0.0 173.4

176 84.2 0.0 167.4

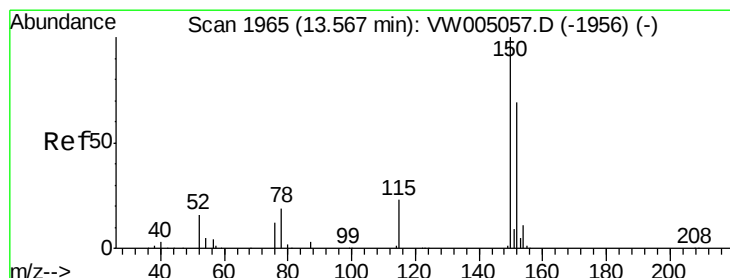
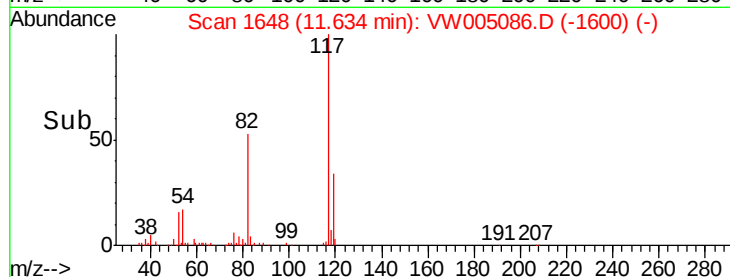
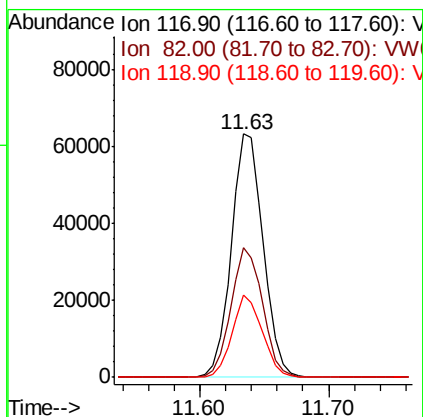
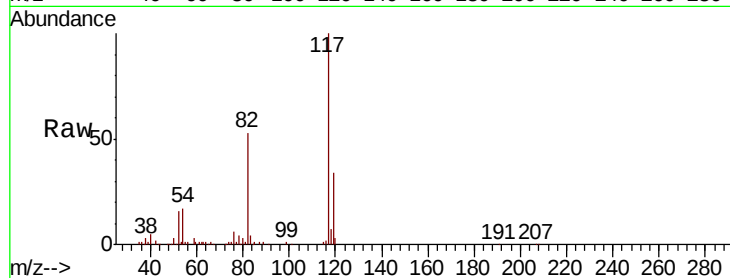




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005086.D
Acq: 04 Sep 2018 18:06

Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-08-1.5-2

Tot Ion:117 Resp: 108246
Ion Ratio Lower Upper
117 100
82 53.2 40.9 61.3
119 34.0 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW005086.D
Acq: 04 Sep 2018 18:06

Tgt Ion:152 Resp: 14254
Ion Ratio Lower Upper
152 100
115 53.1 27.8 83.4
150 151.9 0.0 351.4

