

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005088.D
 Acq On : 04 Sep 2018 18:57
 Operator : SY/AP
 Sample : J4687-04
 Misc : 3.04G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-07-1.5-2

Quant Time: Sep 05 10:50:19 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	18053	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	19255	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	9633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	1252	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.32	65	13264	88.63	ug/l	0.00
Spiked Amount			Recovery	=	177.26%	
35) Dibromofluoromethane	7.90	113	14346	128.93	ug/l	0.00
Spiked Amount			Recovery	=	257.86%	
50) Toluene-d8	10.33	98	15438	30.11	ug/l	0.00
Spiked Amount			Recovery	=	60.22%	
62) 4-Bromofluorobenzene	12.63	95	1462	8.09	ug/l	0.00
Spiked Amount			Recovery	=	16.18%	

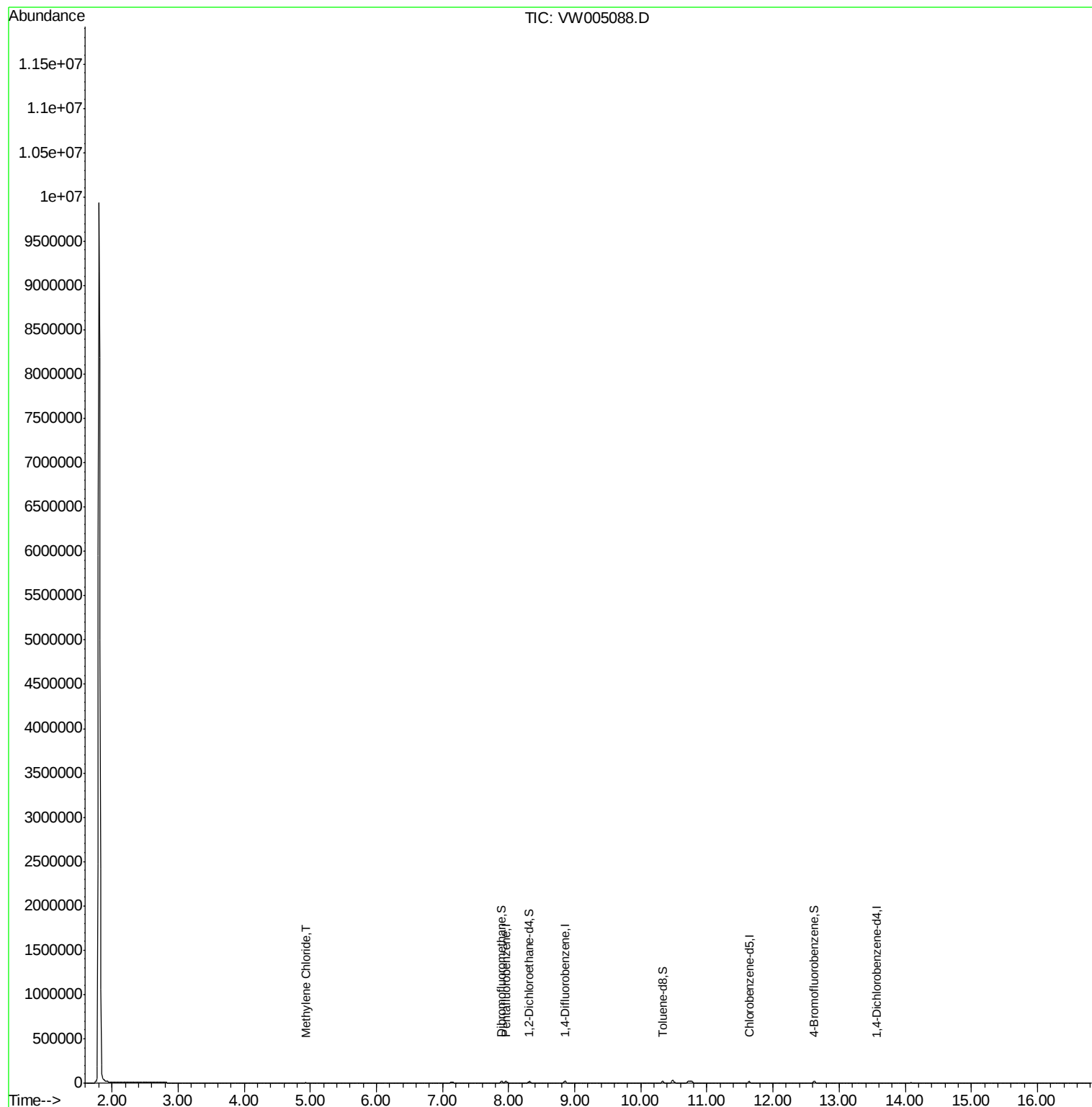
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.93	84	4062	17.51	ug/l	89

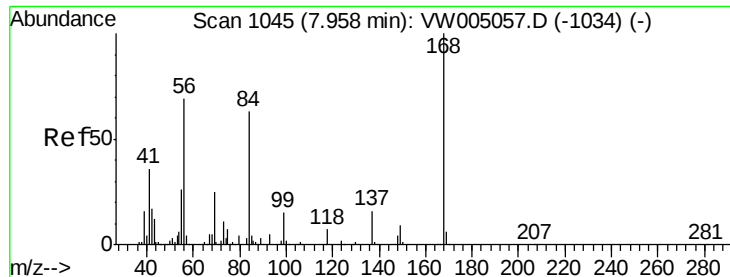
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW005088.D

Acq: 04 Sep 2018 18:57

Instrument :

MSVOA_W

ClientSampleId :

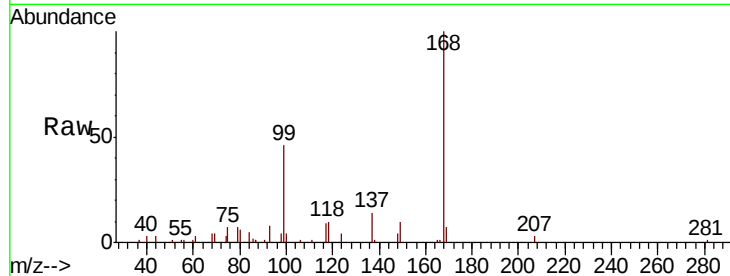
ENY-SB-07-1.5-2

Tot Ion:168 Resp: 18053

Ion Ratio Lower Upper

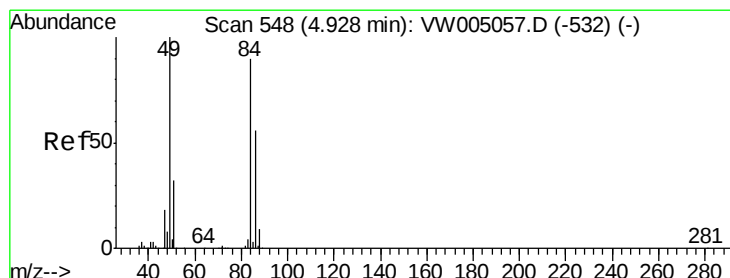
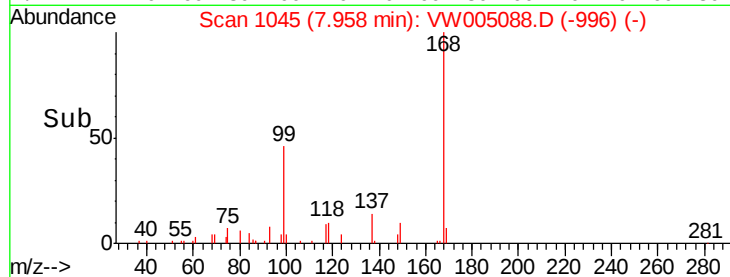
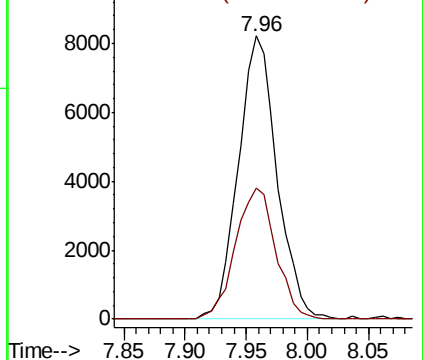
168 100

99 46.1 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 17.51 ug/l

RT: 4.93 min Scan# 548

Delta R.T. 0.00 min

Lab File: VW005088.D

Acq: 04 Sep 2018 18:57

Tgt Ion: 84 Resp: 4062

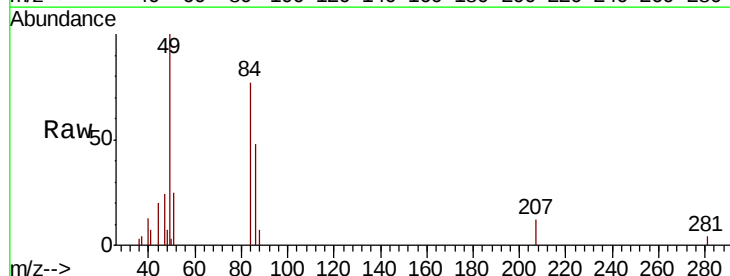
Ion Ratio Lower Upper

84 100

49 130.2 88.7 133.1

51 32.6 28.6 42.8

86 62.9 49.4 74.2

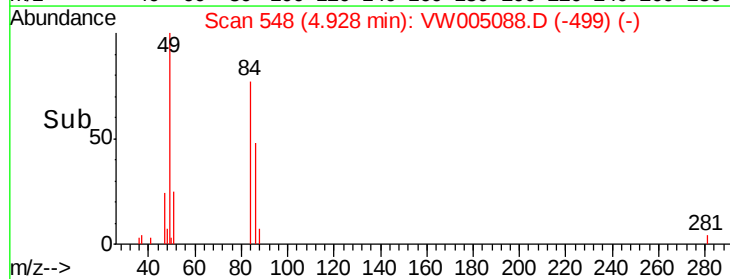
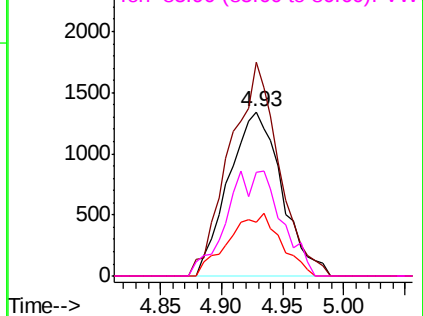


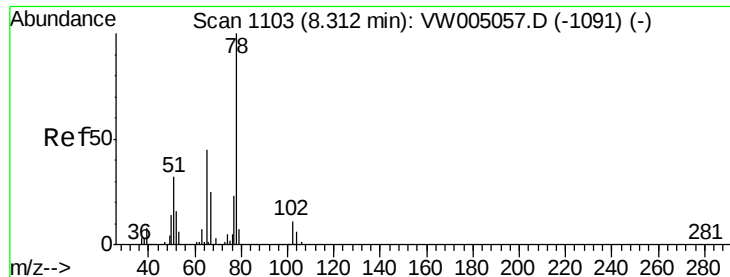
Abundance Ion 83.90 (83.60 to 84.60): VW

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: 88.63 ug/l

RT: 8.32 min Scan# 1104

Delta R.T. 0.01 min

Lab File: VW005088.D

Acq: 04 Sep 2018 18:57

Instrument :

MSVOA_W

ClientSampleId :

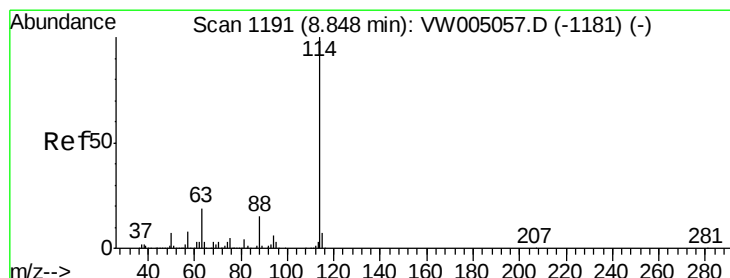
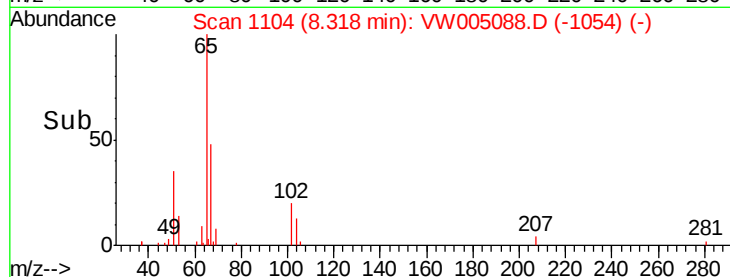
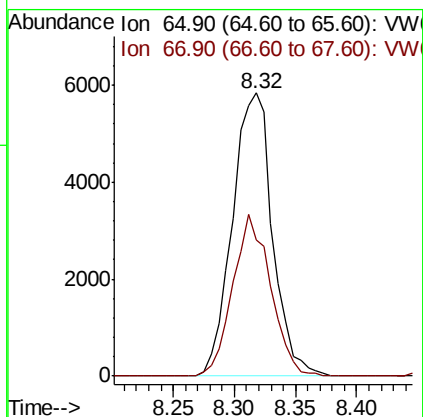
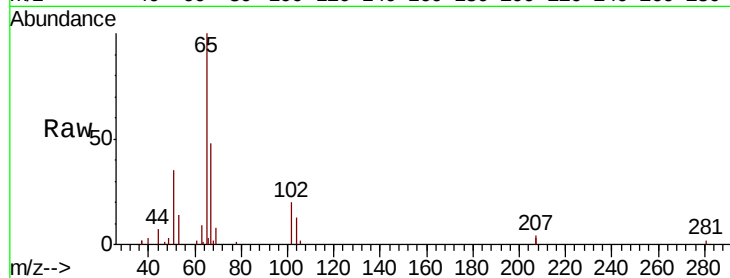
ENY-SB-07-1.5-2

Tot Ion: 65 Resp: 13264

Ion Ratio Lower Upper

65 100

67 53.9 0.0 109.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1192

Delta R.T. 0.01 min

Lab File: VW005088.D

Acq: 04 Sep 2018 18:57

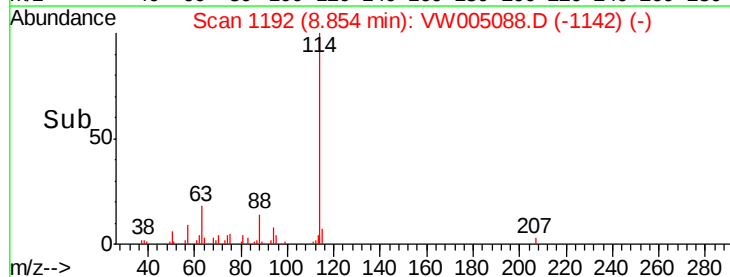
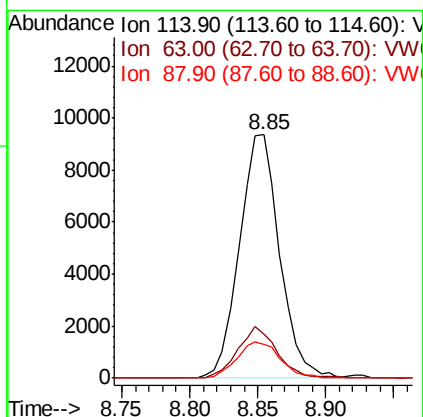
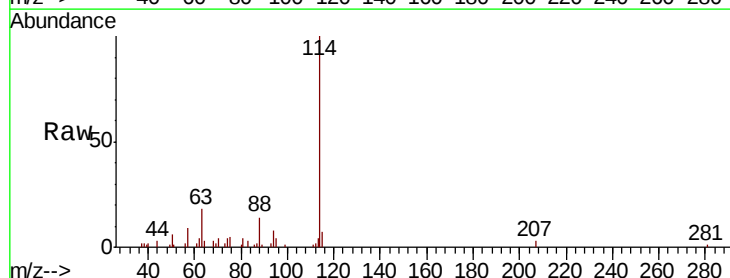
Tgt Ion: 114 Resp: 19255

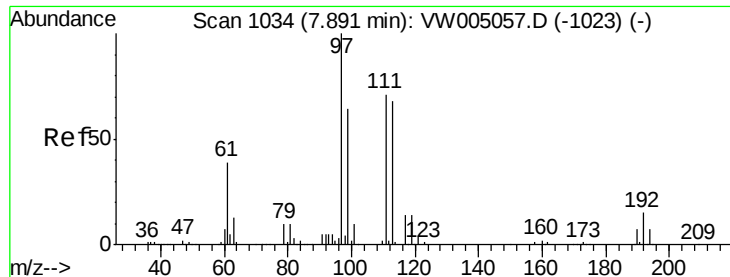
Ion Ratio Lower Upper

114 100

63 18.1 0.0 38.0

88 13.6 0.0 30.2





#35

Dibromofluoromethane

Concen: 128.93 ug/l

RT: 7.90 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VW005088.D

Acq: 04 Sep 2018 18:57

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-07-1.5-2

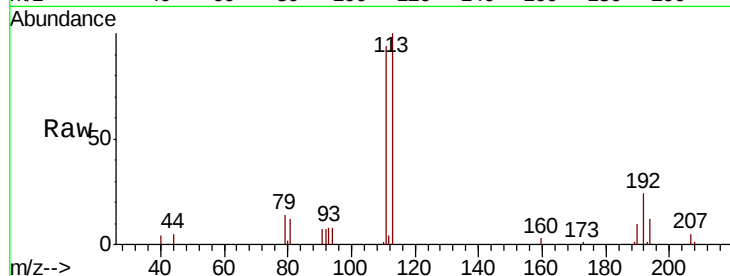
Tot Ion:113 Resp: 14346

Ion Ratio Lower Upper

113 100

111 96.7 82.2 123.2

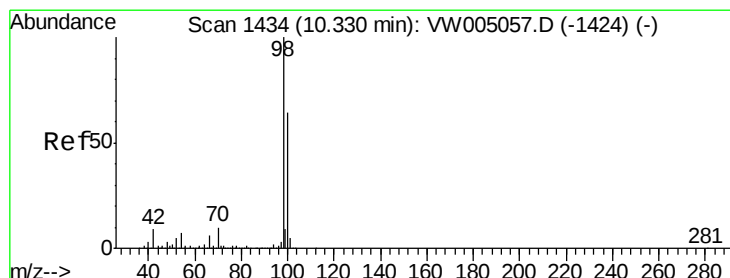
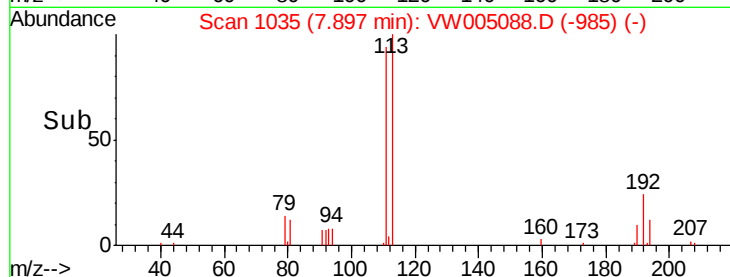
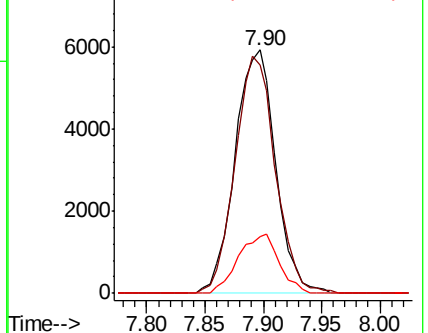
192 24.3 18.1 27.1



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: 30.11 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW005088.D

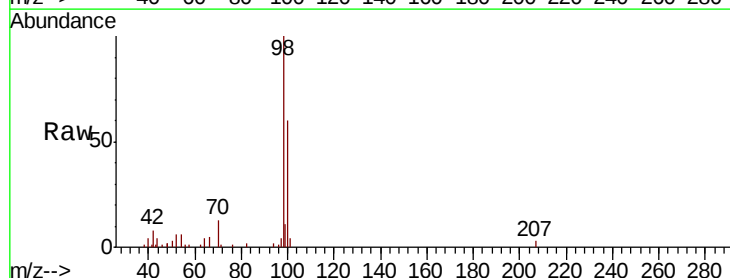
Acq: 04 Sep 2018 18:57

Tgt Ion: 98 Resp: 15438

Ion Ratio Lower Upper

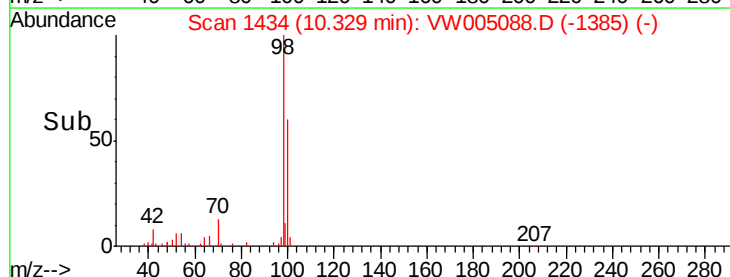
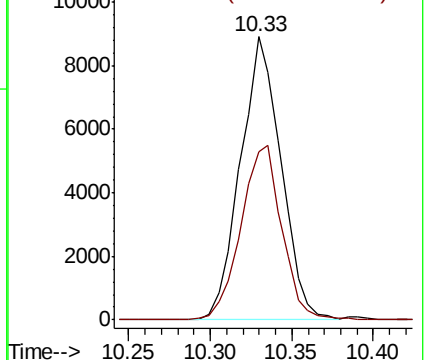
98 100

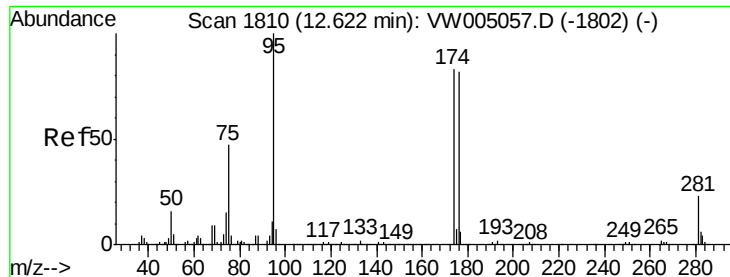
100 62.3 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 8.09 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW005088.D

Acq: 04 Sep 2018 18:57

Instrument :

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ClientSampleId :

ENY-SB-07-1.5-2

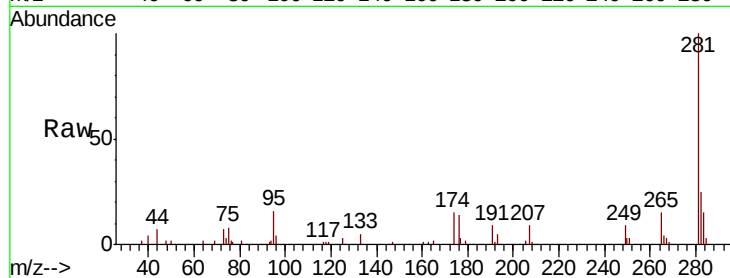
Tot Ion: 95 Resp: 1462

Ion Ratio Lower Upper

95 100

174 93.3 0.0 173.4

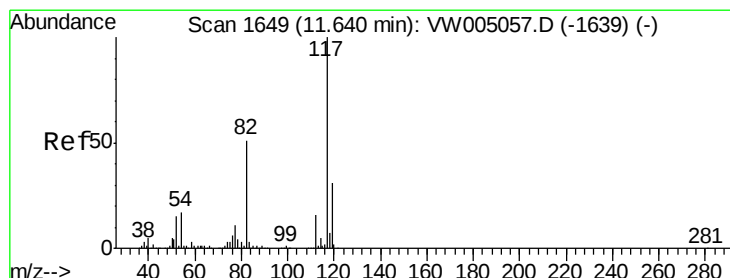
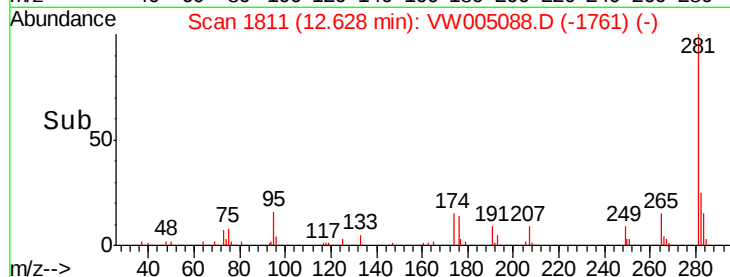
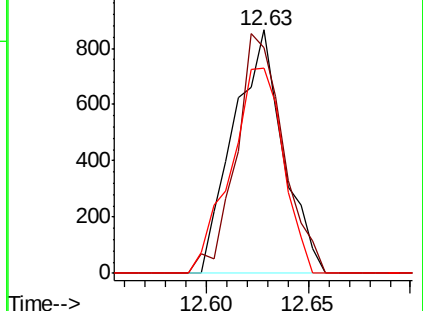
176 89.0 0.0 167.4



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: 11.64 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VW005088.D

Acq: 04 Sep 2018 18:57

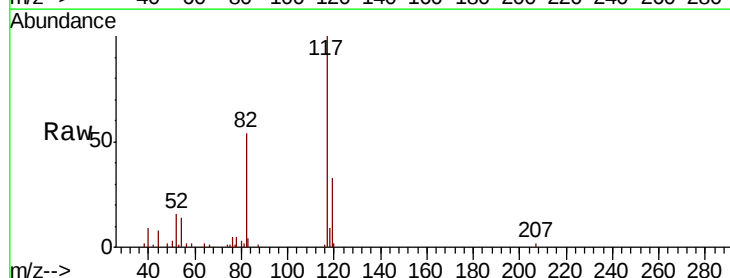
Tgt Ion: 117 Resp: 9633

Ion Ratio Lower Upper

117 100

82 54.2 40.9 61.3

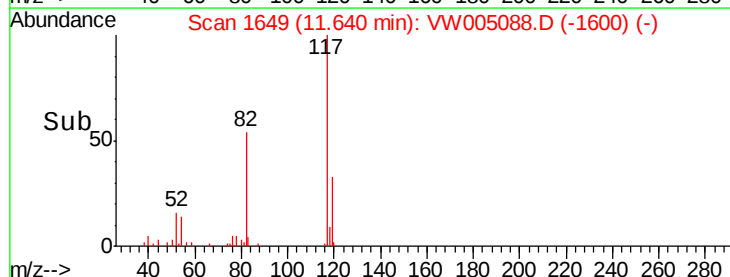
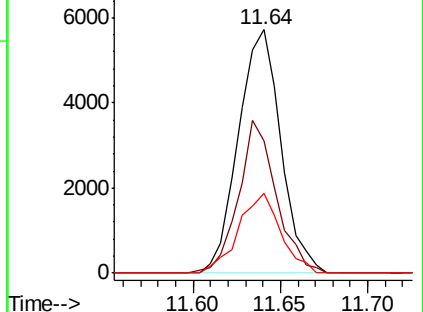
119 32.5 24.9 37.3

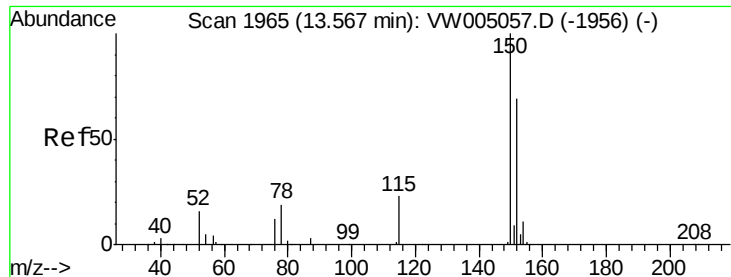


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW005088.D

Acq: 04 Sep 2018 18:57

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-07-1.5-2

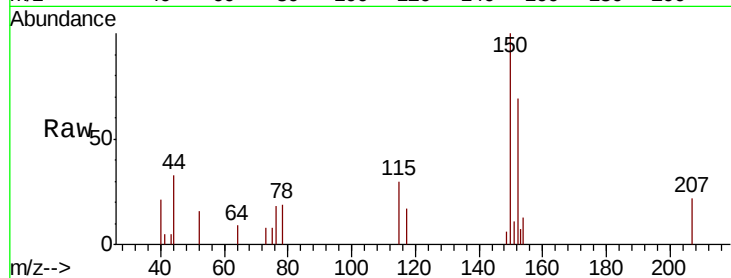
Tot Ion:152 Resp: 1252

Ion Ratio Lower Upper

152 100

115 51.9 27.8 83.4

150 171.2 0.0 351.4



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

