

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083018\
 Data File : VW005018.D
 Acq On : 30 Aug 2018 15:08
 Operator : SY/AP
 Sample : J4654-01
 Misc : 2.60G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-03-1.5-2

Quant Time: Aug 31 01:41:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 30 01:51:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	273360	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	349442	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	214687	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	32959	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	163827	87.61	ug/l	0.00
Spiked Amount			Recovery	=	175.22%	
35) Dibromofluoromethane	7.89	113	161631	93.34	ug/l	0.00
Spiked Amount			Recovery	=	186.68%	
50) Toluene-d8	10.33	98	393223	41.36	ug/l	0.00
Spiked Amount			Recovery	=	82.72%	
62) 4-Bromofluorobenzene	12.62	95	48134	13.89	ug/l	0.00
Spiked Amount			Recovery	=	27.78%	

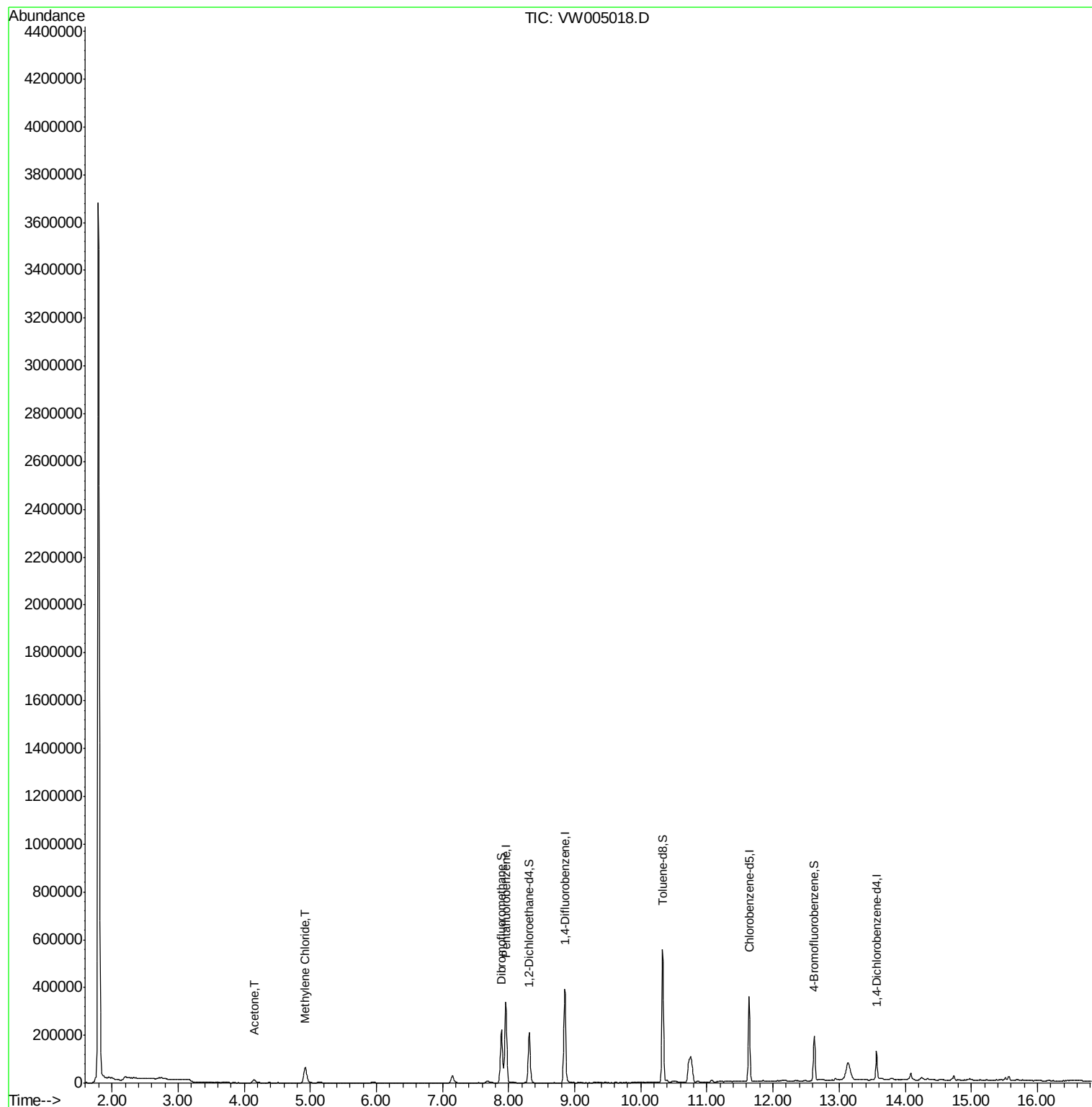
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	23993	56.90	ug/l	99
20) Methylene Chloride	4.92	84	52717	14.39	ug/l	95

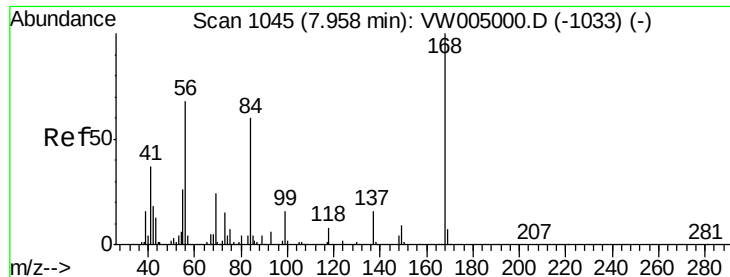
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Aug 30 01:51:13 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: VW005018.D

Acq: 30 Aug 2018 15:08

Instrument :

MSVOA_W

ClientSampleId :

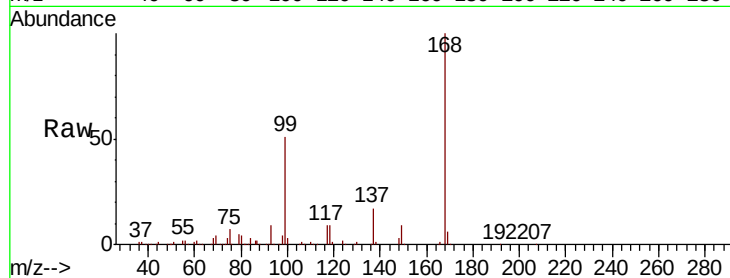
ENY-SB-03-1.5-2

Tot Ion:168 Resp: 273360

Ion Ratio Lower Upper

168 100

99 51.3 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

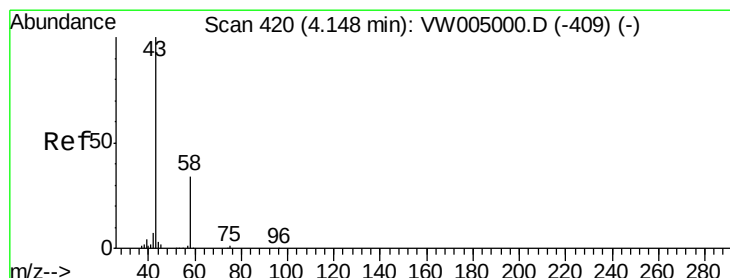
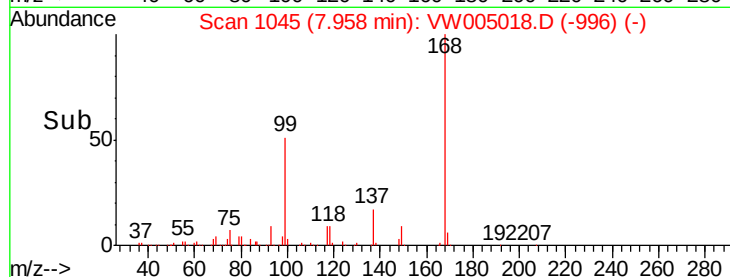
7.96

100000

50000

0

Time-->



#16

Acetone

Concen: 56.90 ug/l

RT: 4.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: VW005018.D

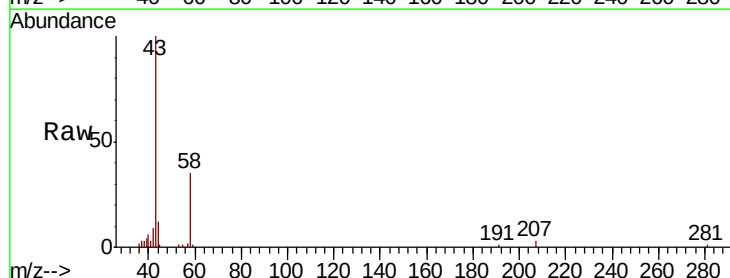
Acq: 30 Aug 2018 15:08

Tgt Ion: 43 Resp: 23993

Ion Ratio Lower Upper

43 100

58 34.8 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

8000

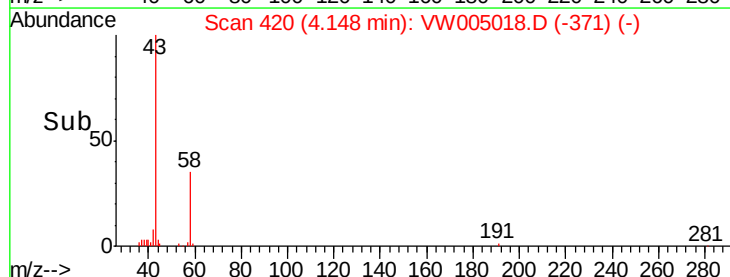
6000

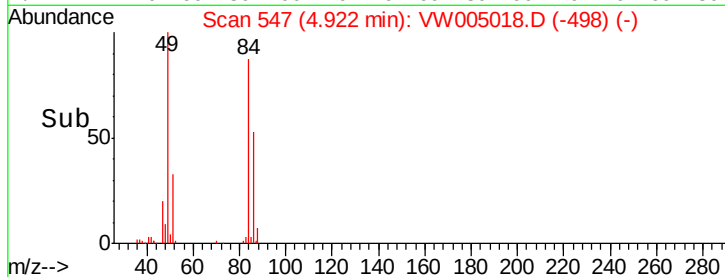
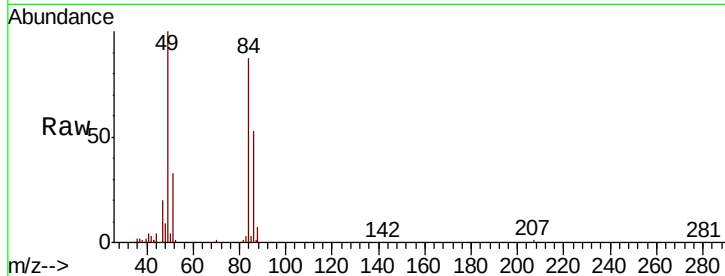
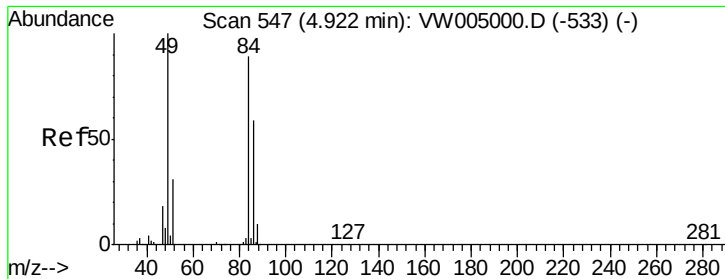
4000

2000

0

Time-->

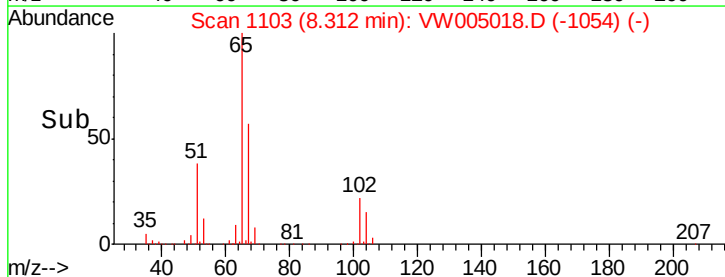
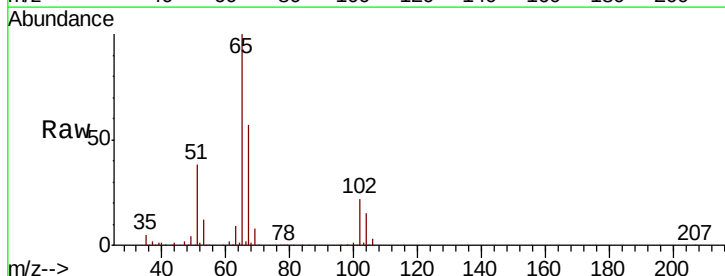
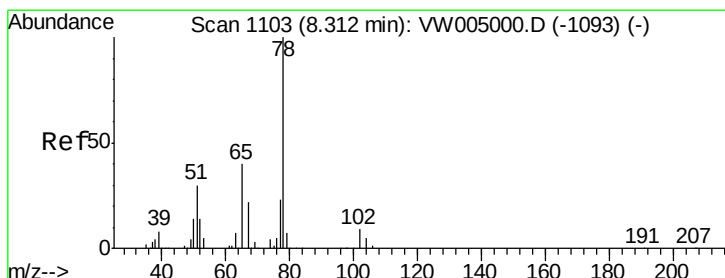
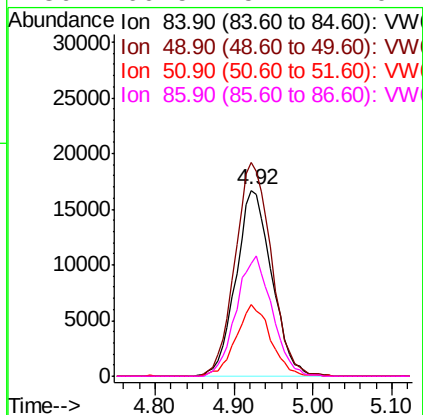




#20
Methylene Chloride
Concen: 14.39 ug/l
RT: 4.92 min Scan# 547
Delta R.T. -0.00 min
Lab File: VW005018.D
Acq: 30 Aug 2018 15:08

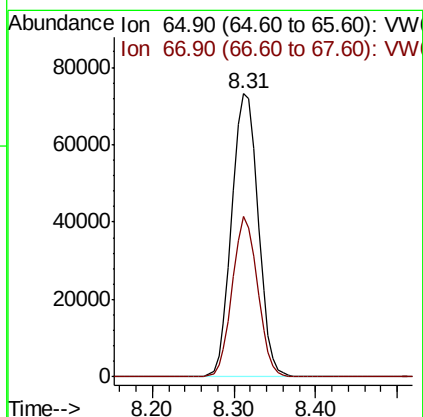
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-03-1.5-2

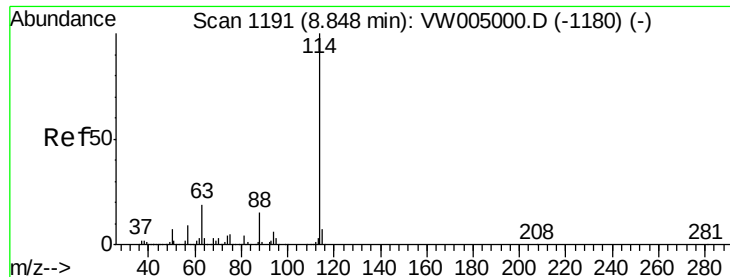
Tot Ion	Ratio	Lower	Upper
84	100		
49	115.0	89.7	134.5
51	38.3	27.5	41.3
86	60.5	52.7	79.1



#33
1,2-Dichloroethane-d4
Concen: 87.61 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VW005018.D
Acq: 30 Aug 2018 15:08

Tgt Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	112.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW005018.D

Acq: 30 Aug 2018 15:08

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-03-1.5-2

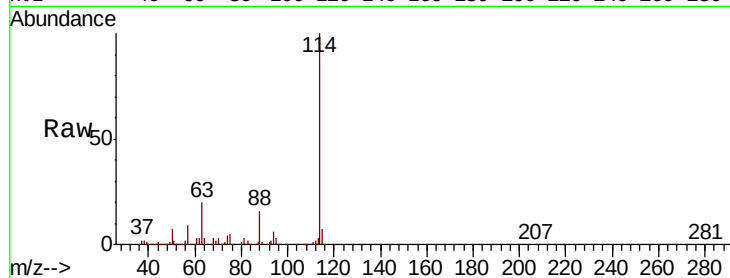
Tot Ion:114 Resp: 349442

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.4

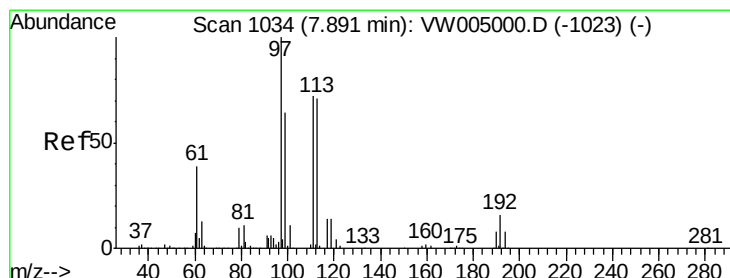
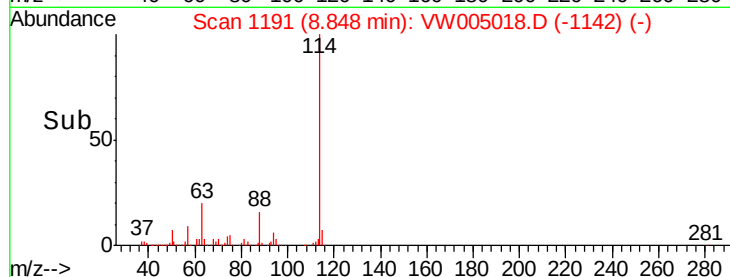
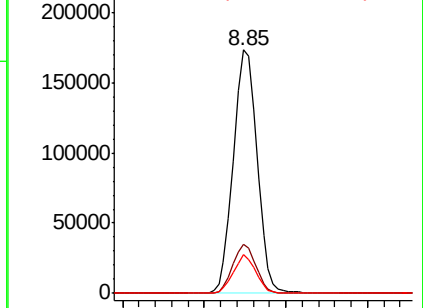
88 15.9 0.0 30.6



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: 93.34 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VW005018.D

Acq: 30 Aug 2018 15:08

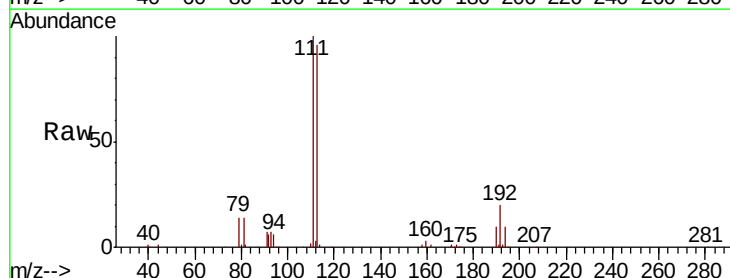
Tgt Ion:113 Resp: 161631

Ion Ratio Lower Upper

113 100

111 102.0 81.3 121.9

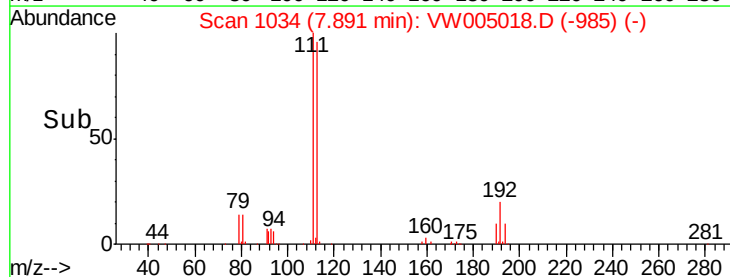
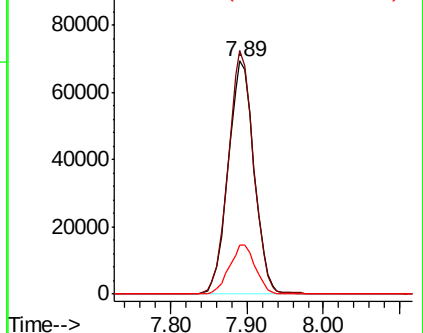
192 21.3 17.8 26.8

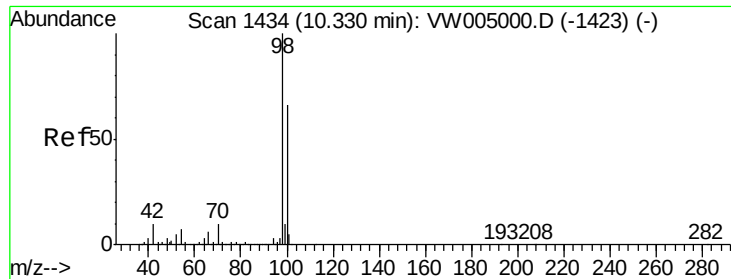


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 41.36 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW005018.D

Acq: 30 Aug 2018 15:08

Instrument :

MSVOA_W

ClientSampleId :

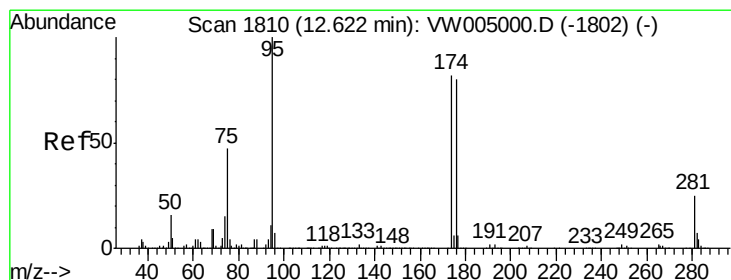
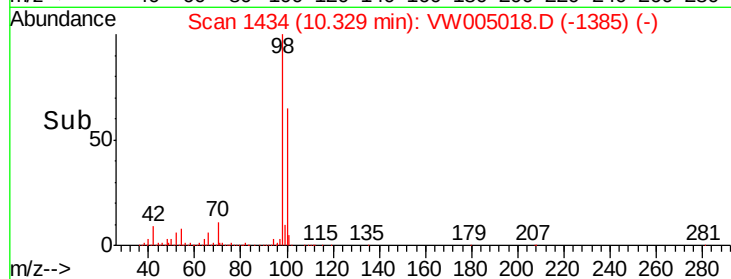
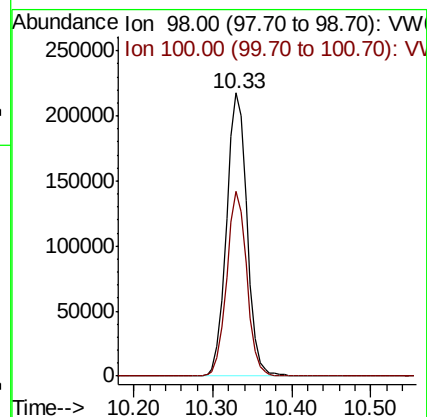
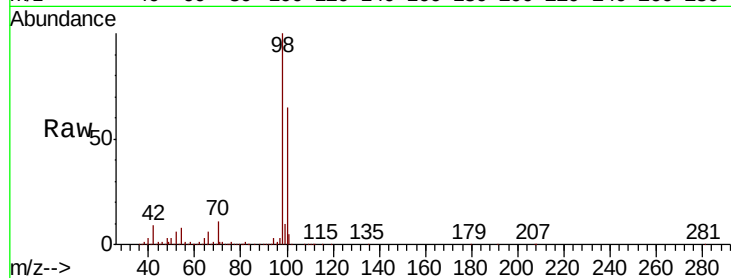
ENY-SB-03-1.5-2

Tot Ion: 98 Resp: 393223

Ion Ratio Lower Upper

98 100

100 63.8 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 13.89 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW005018.D

Acq: 30 Aug 2018 15:08

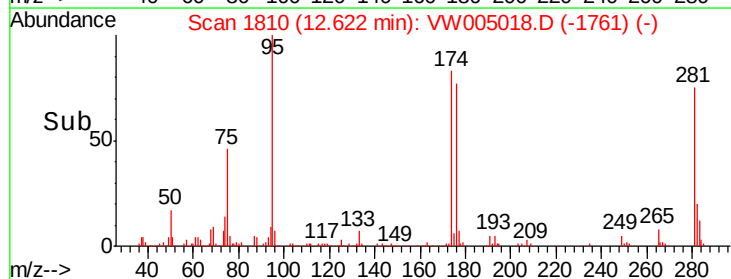
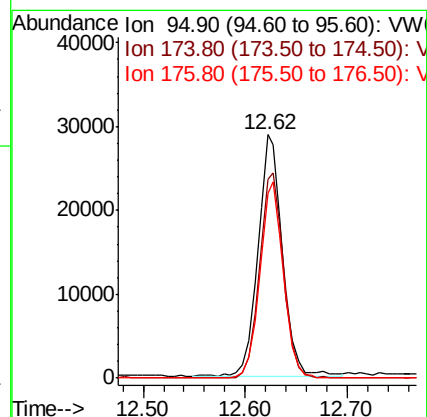
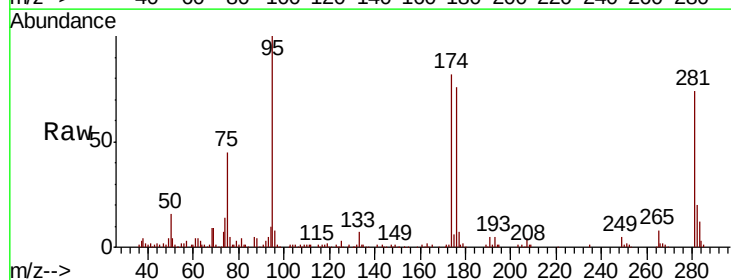
Tgt Ion: 95 Resp: 48134

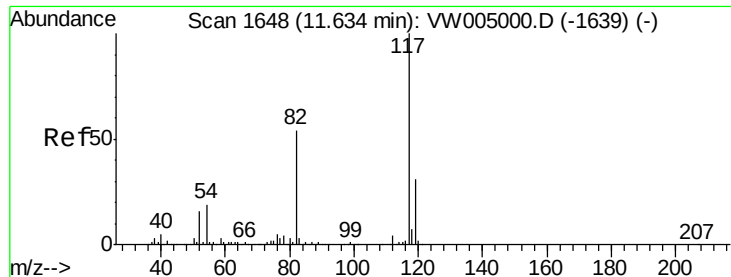
Ion Ratio Lower Upper

95 100

174 83.7 0.0 173.4

176 78.1 0.0 167.8

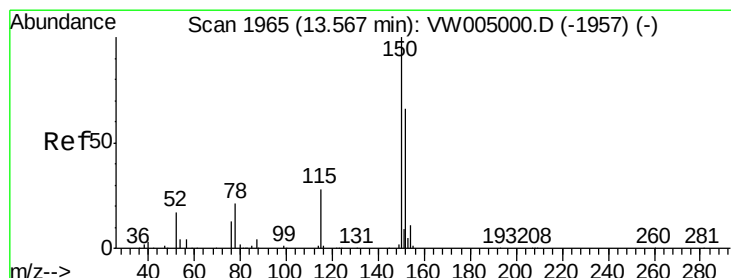
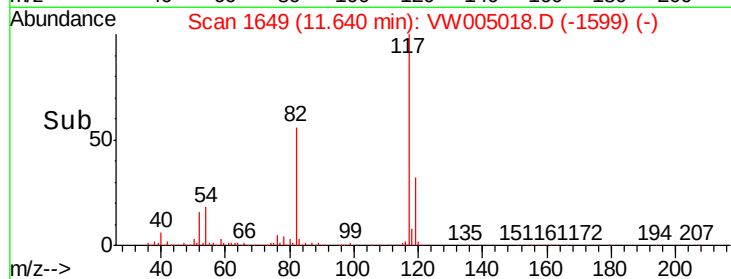
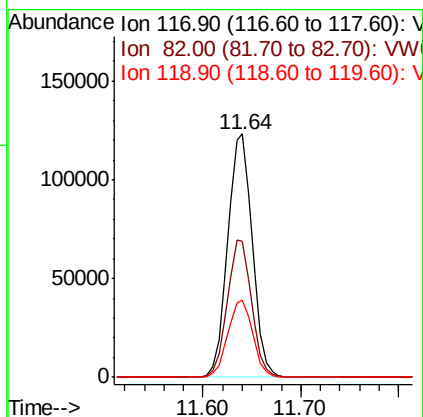
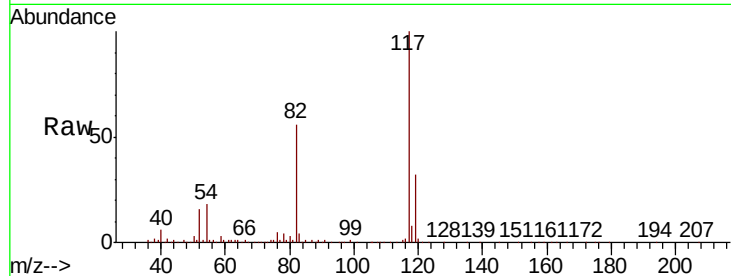




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.01 min
Lab File: VW005018.D
Acq: 30 Aug 2018 15:08

Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-03-1.5-2

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	43.3	64.9
119	31.7	25.0	37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW005018.D
Acq: 30 Aug 2018 15:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.5	28.0	83.9
150	157.1	0.0	347.2

