

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051018\
 Data File : VW002417.D
 Acq On : 11 May 2018 08:20
 Operator : JC/SY
 Sample : J2649-08
 Misc : 6.48G/5ML/MSVOA W/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-4

Quant Time: May 11 11:07:07 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

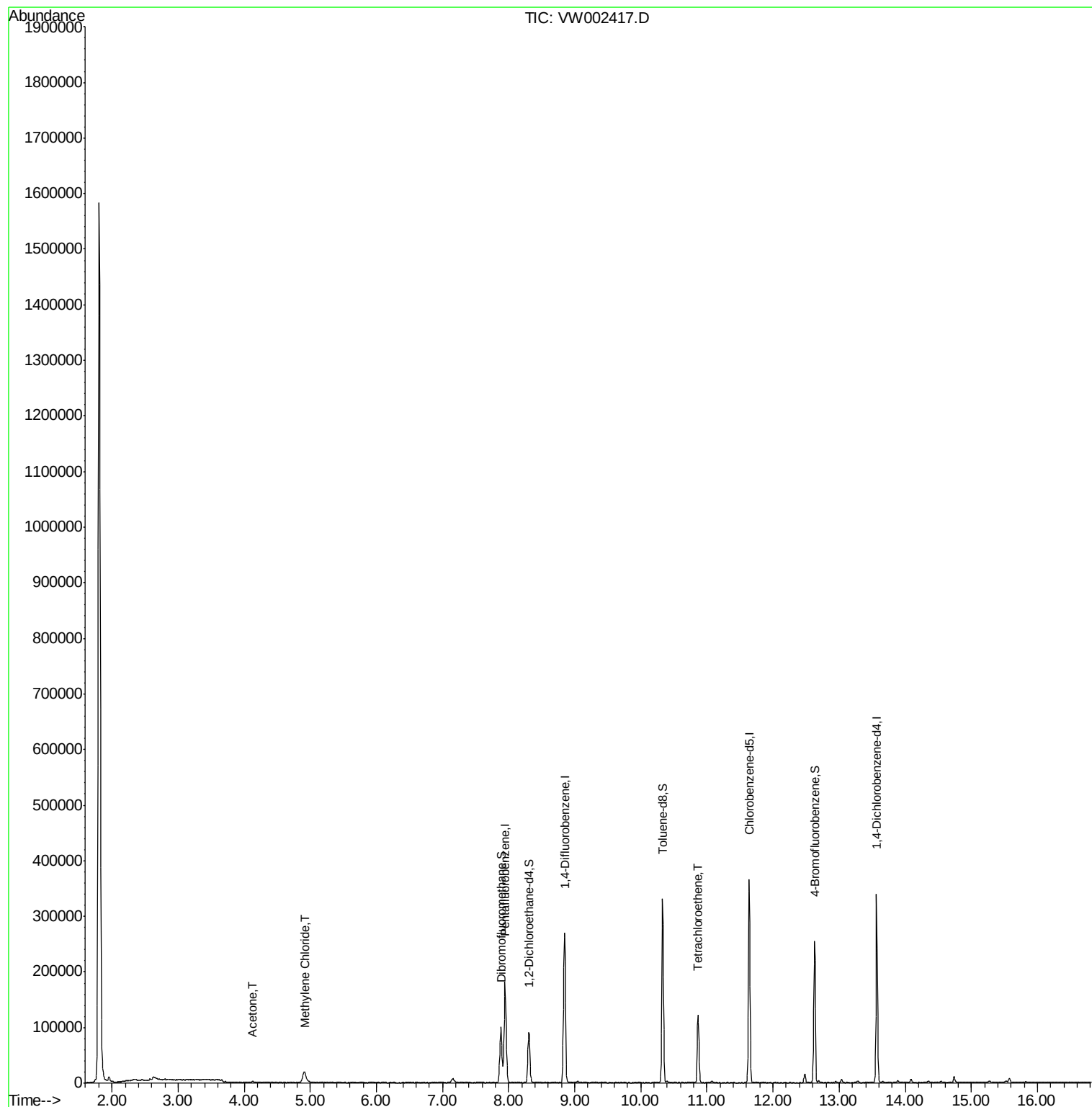
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	139428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	226954	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	202886	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	89985	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	70994	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	
35) Dibromofluoromethane	7.88	113	65956	45.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.68%	
50) Toluene-d8	10.33	98	212035	38.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.44%	
62) 4-Bromofluorobenzene	12.63	95	71818	35.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.66%	
Target Compounds						
16) Acetone	4.12	43	3302	11.42	ug/l	# 89
20) Methylene Chloride	4.91	84	16997	12.19	ug/l	94
64) Tetrachloroethene	10.87	164	26958	17.26	ug/l	92

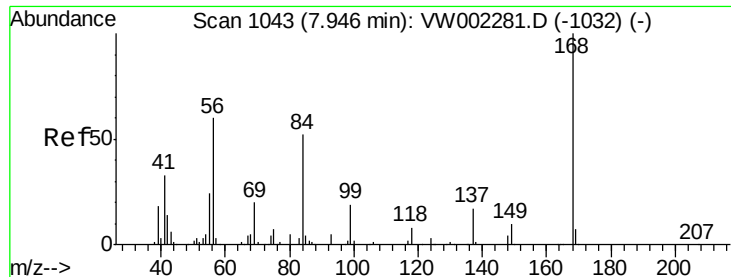
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VW002417.D

Acq: 11 May 2018 08:20

Instrument :

MSVOA_W

ClientSampled :

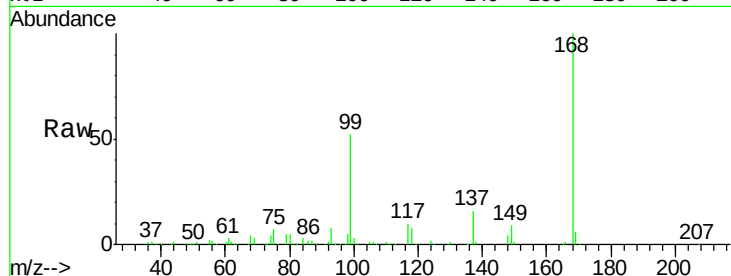
SB-4

Tot Ion:168 Resp: 139428

Ion Ratio Lower Upper

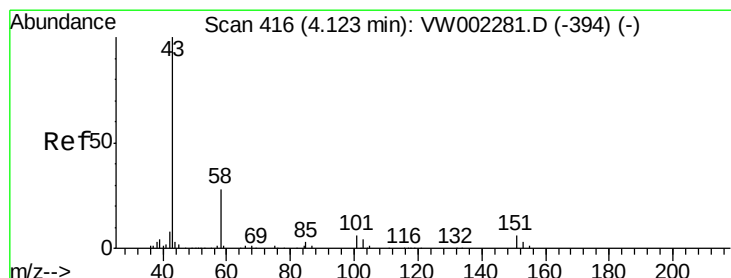
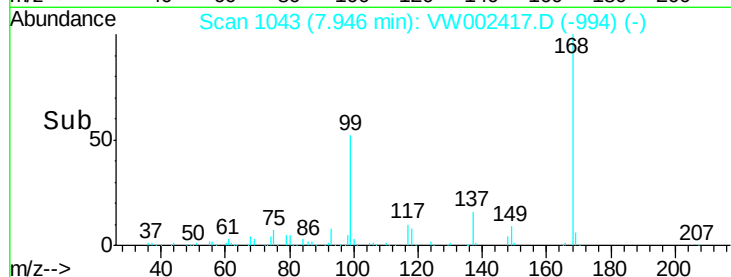
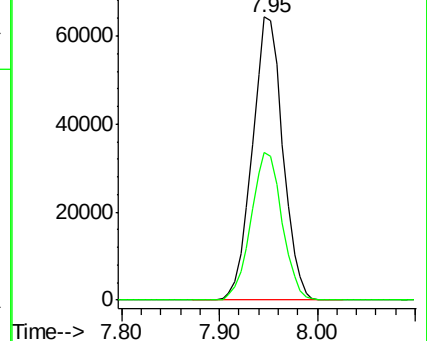
168 100

99 52.0 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 11.42 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.00 min

Lab File: VW002417.D

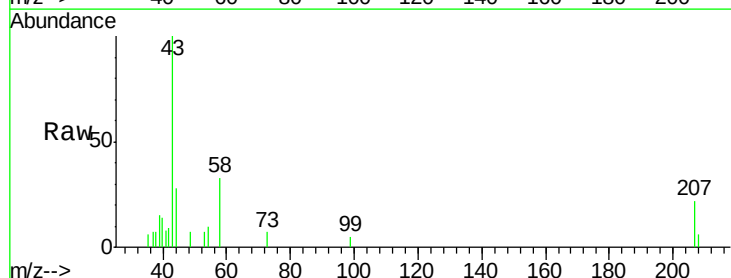
Acq: 11 May 2018 08:20

Tgt Ion: 43 Resp: 3302

Ion Ratio Lower Upper

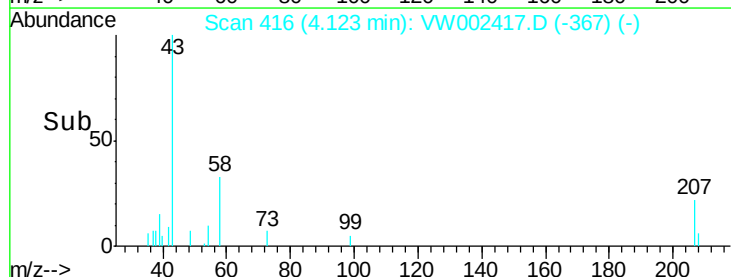
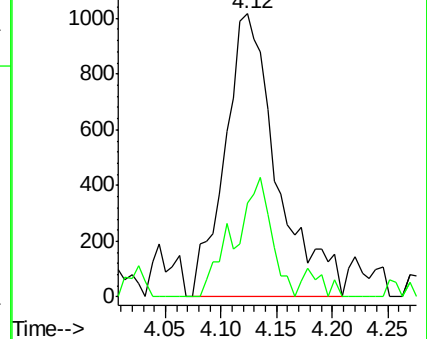
43 100

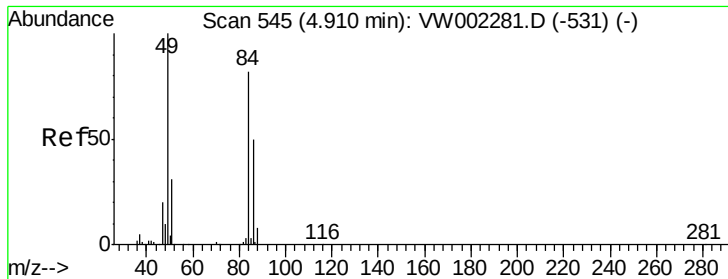
58 33.4 22.2 33.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

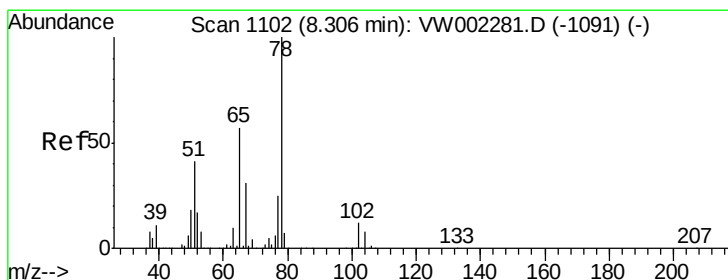
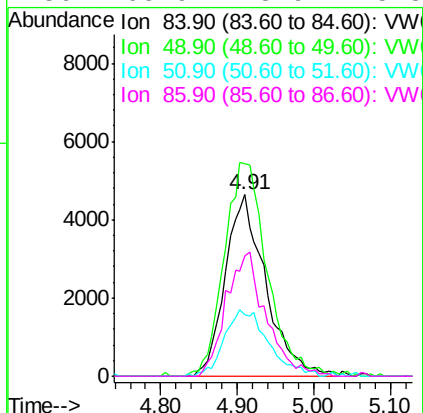
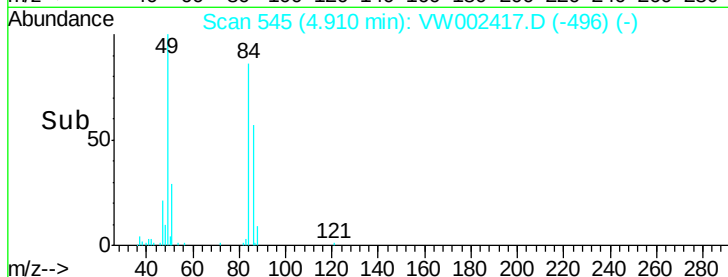
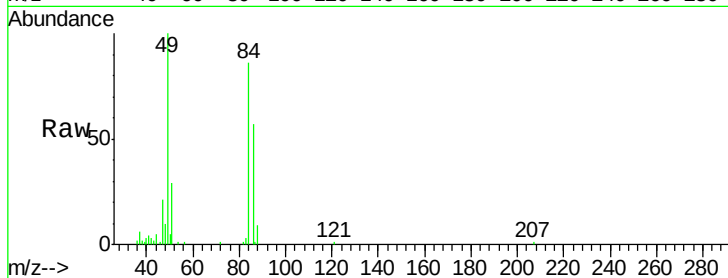




#20
Methvlene Chloride
Concen: 12.19 ug/l
RT: 4.91 min Scan# 545
Delta R.T. -0.00 min
Lab File: VW002417.D
Acq: 11 May 2018 08:20

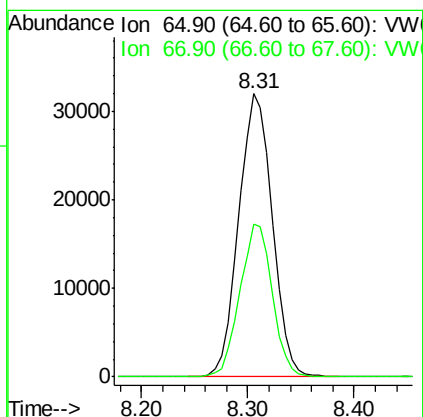
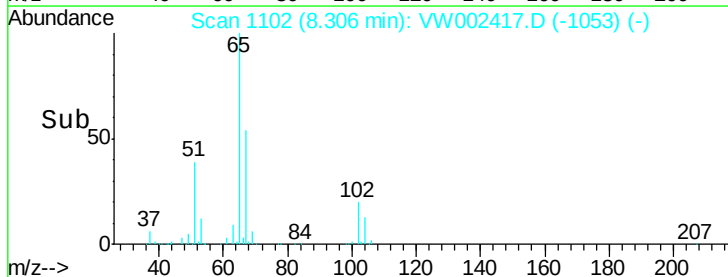
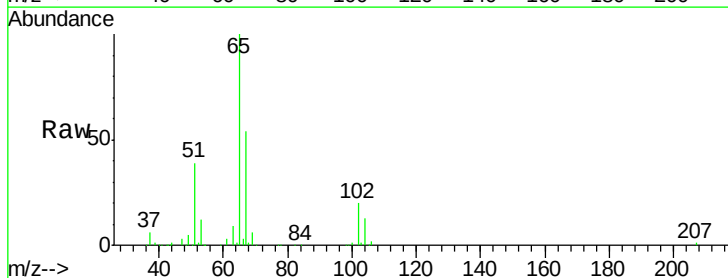
Instrument :
MSVOA_W
ClientSampled :
SB-4

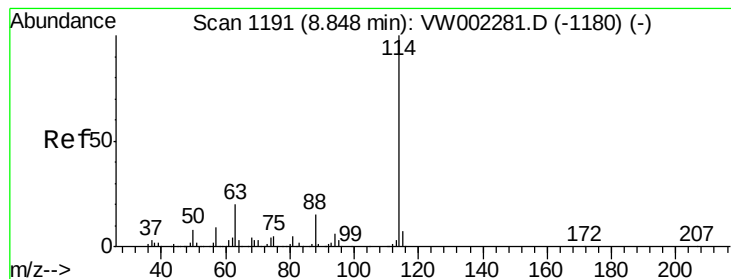
Tot Ion: 84 Resp: 16997
Ion Ratio Lower Upper
84 100
49 115.5 97.7 146.5
51 33.7 30.2 45.4
86 65.9 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 47.95 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VW002417.D
Acq: 11 May 2018 08:20

Tgt Ion: 65 Resp: 70994
Ion Ratio Lower Upper
65 100
67 51.9 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: VW002417.D

Acq: 11 May 2018 08:20

Instrument :

MSVOA_W

ClientSampleId :

SB-4

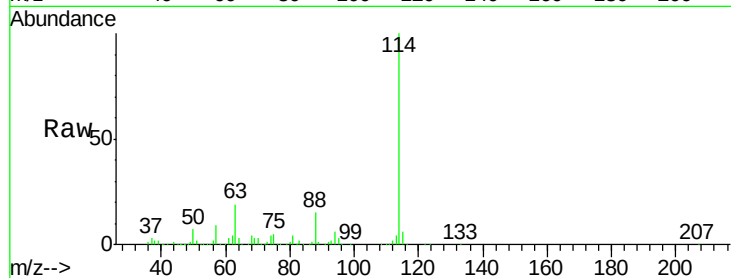
Tot Ion:114 Resp: 226954

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.0

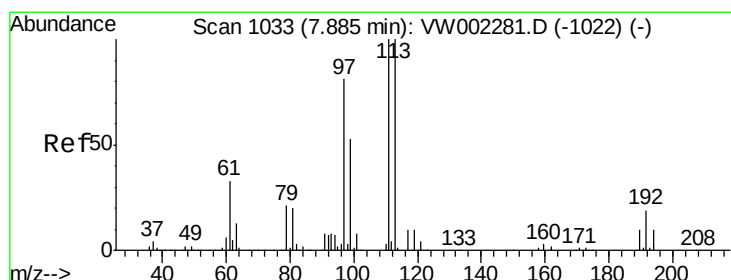
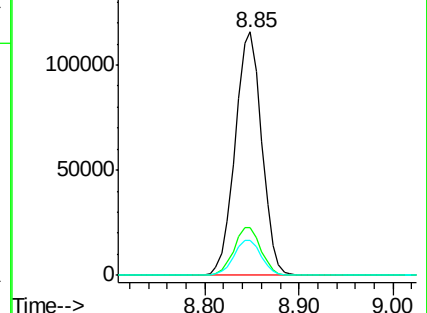
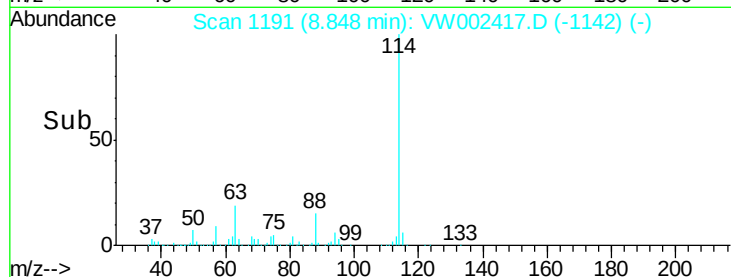
88 14.6 0.0 29.6



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: 45.34 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW002417.D

Acq: 11 May 2018 08:20

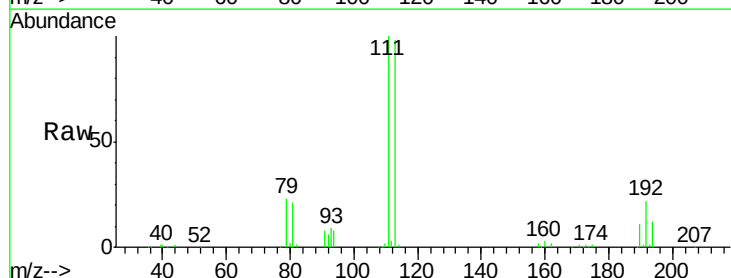
Tgt Ion:113 Resp: 65956

Ion Ratio Lower Upper

113 100

111 102.4 81.5 122.3

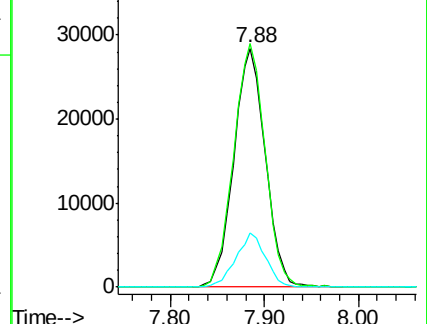
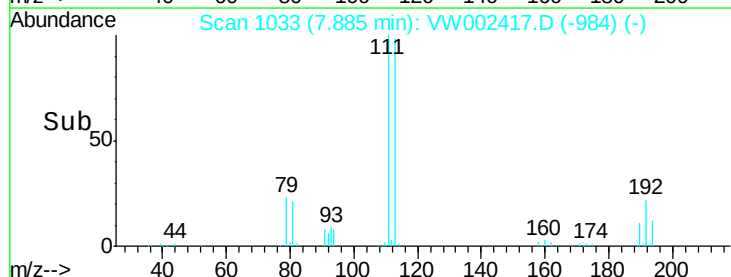
192 21.4 16.4 24.6

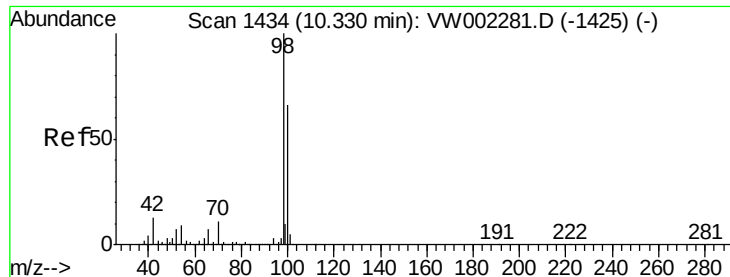


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 38.22 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002417.D

Acq: 11 May 2018 08:20

Instrument :

MSVOA_W

ClientSampled :

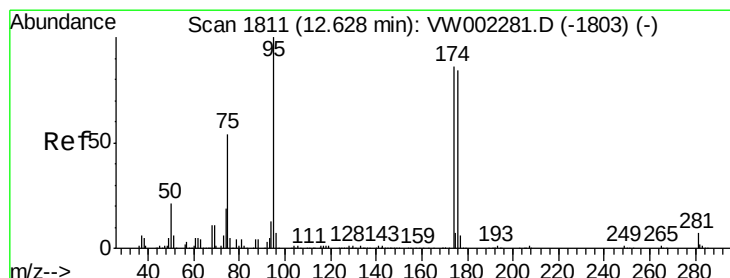
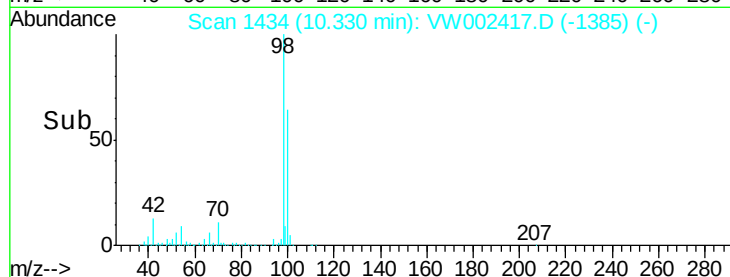
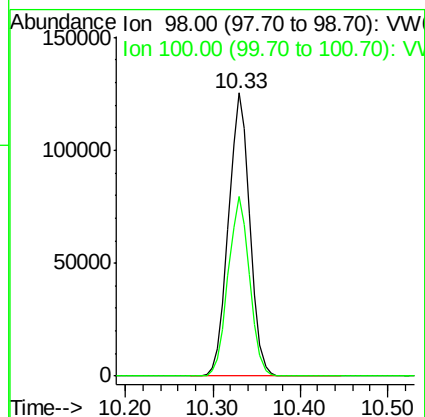
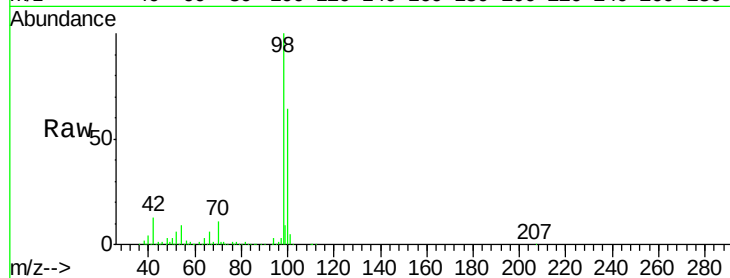
SB-4

Tot Ion: 98 Resp: 212035

Ion Ratio Lower Upper

98 100

100 63.6 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 35.83 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002417.D

Acq: 11 May 2018 08:20

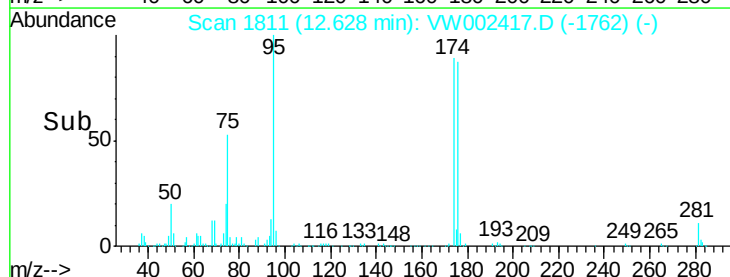
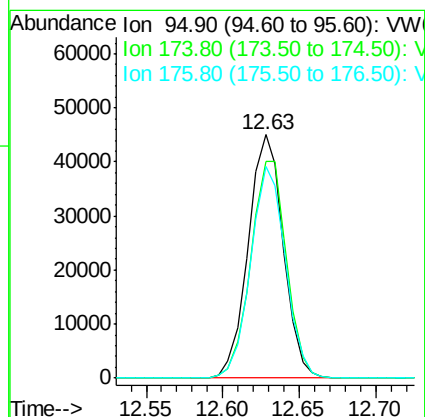
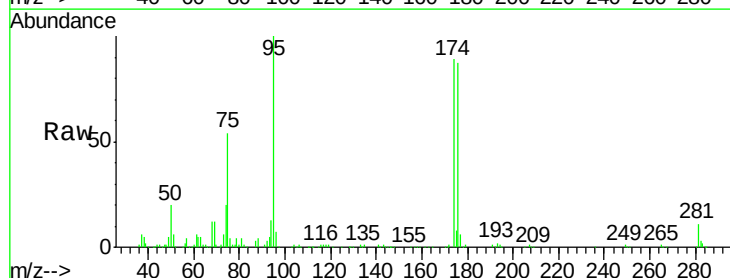
Tgt Ion: 95 Resp: 71818

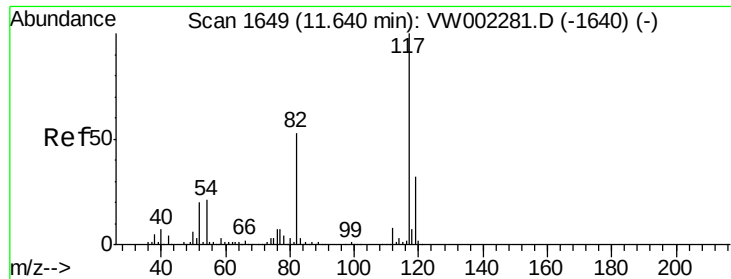
Ion Ratio Lower Upper

95 100

174 91.2 0.0 176.8

176 86.2 0.0 170.4

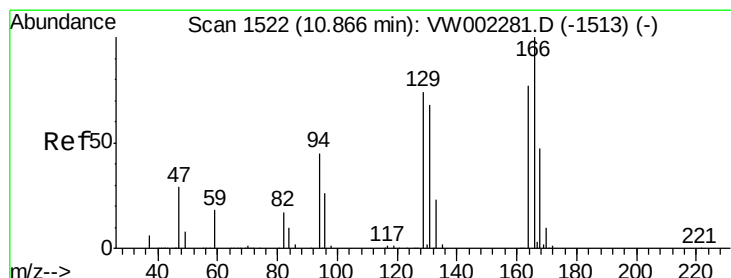
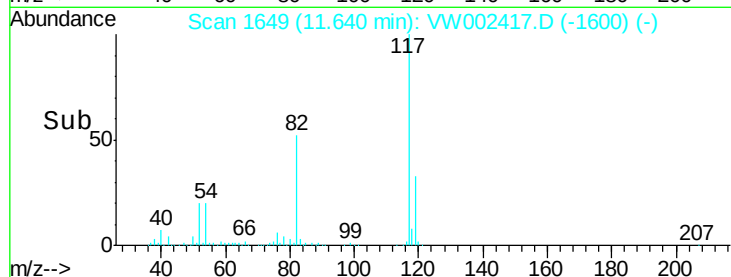
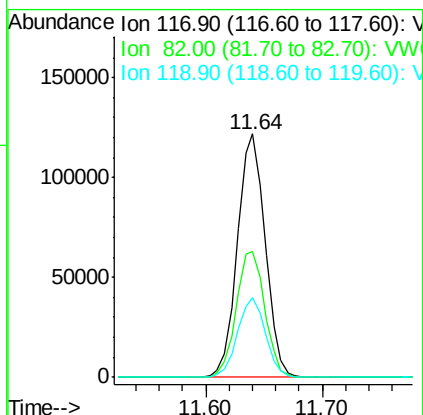
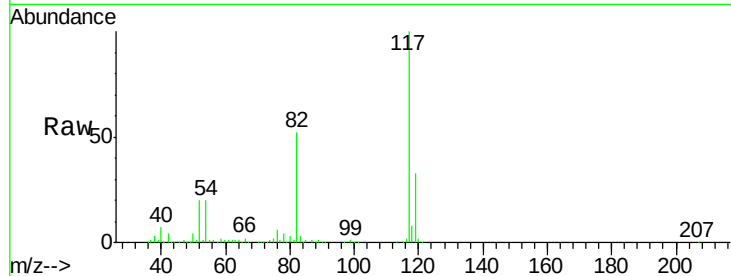




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002417.D
Acq: 11 May 2018 08:20

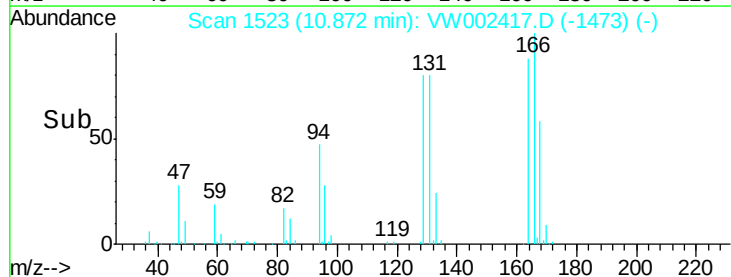
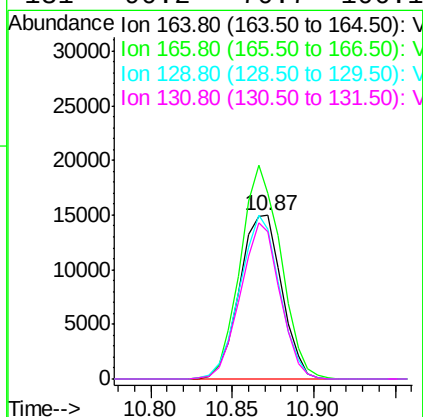
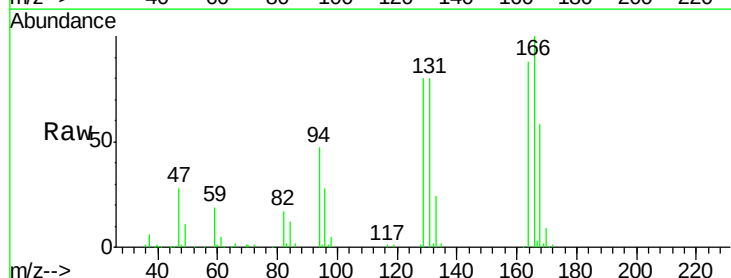
Instrument :
MSVOA_W
ClientSampleId :
SB-4

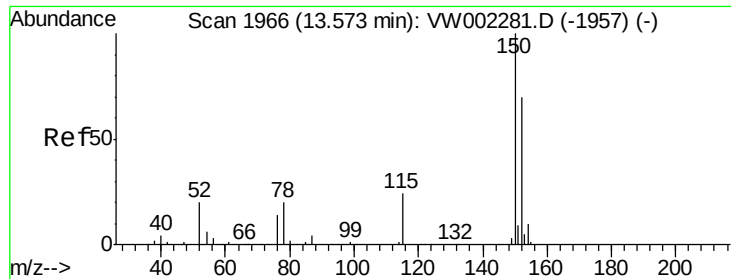
Tot Ion:117 Resp: 202886
Ion Ratio Lower Upper
117 100
82 51.7 42.6 63.8
119 32.8 25.2 37.8



#64
Tetrachloroethene
Concen: 17.26 ug/l
RT: 10.87 min Scan# 1523
Delta R.T. 0.01 min
Lab File: VW002417.D
Acq: 11 May 2018 08:20

Tgt Ion:164 Resp: 26958
Ion Ratio Lower Upper
164 100
166 113.2 103.3 154.9
129 91.1 76.6 114.8
131 90.2 70.7 106.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1966

Delta R.T. -0.00 min

Lab File: VW002417.D

Acq: 11 May 2018 08:20

Instrument :

MSVOA_W

ClientSampleId :

SB-4

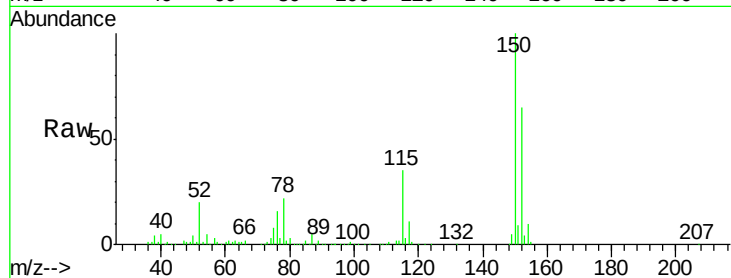
Tot Ion:152 Resp: 89985

Ion Ratio Lower Upper

152 100

115 55.4 28.5 85.5

150 156.4 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

