

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083018\
 Data File : VW005029.D
 Acq On : 30 Aug 2018 19:47
 Operator : SY/AP
 Sample : J4282-17
 Misc : 3.27G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-01-082918-B

Quant Time: Aug 31 05:48:44 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	386686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	546986	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	408239	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	117408	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	140220	53.01	ug/l	0.00
Spiked Amount						
			Recovery	=	106.02%	
35) Dibromofluoromethane	7.89	113	136067	50.20	ug/l	0.00
Spiked Amount						
			Recovery	=	100.40%	
50) Toluene-d8	10.33	98	410746	27.60	ug/l	0.00
Spiked Amount						
			Recovery	=	55.20%	
62) 4-Bromofluorobenzene	12.62	95	107873	19.88	ug/l	0.00
Spiked Amount						
			Recovery	=	39.76%	

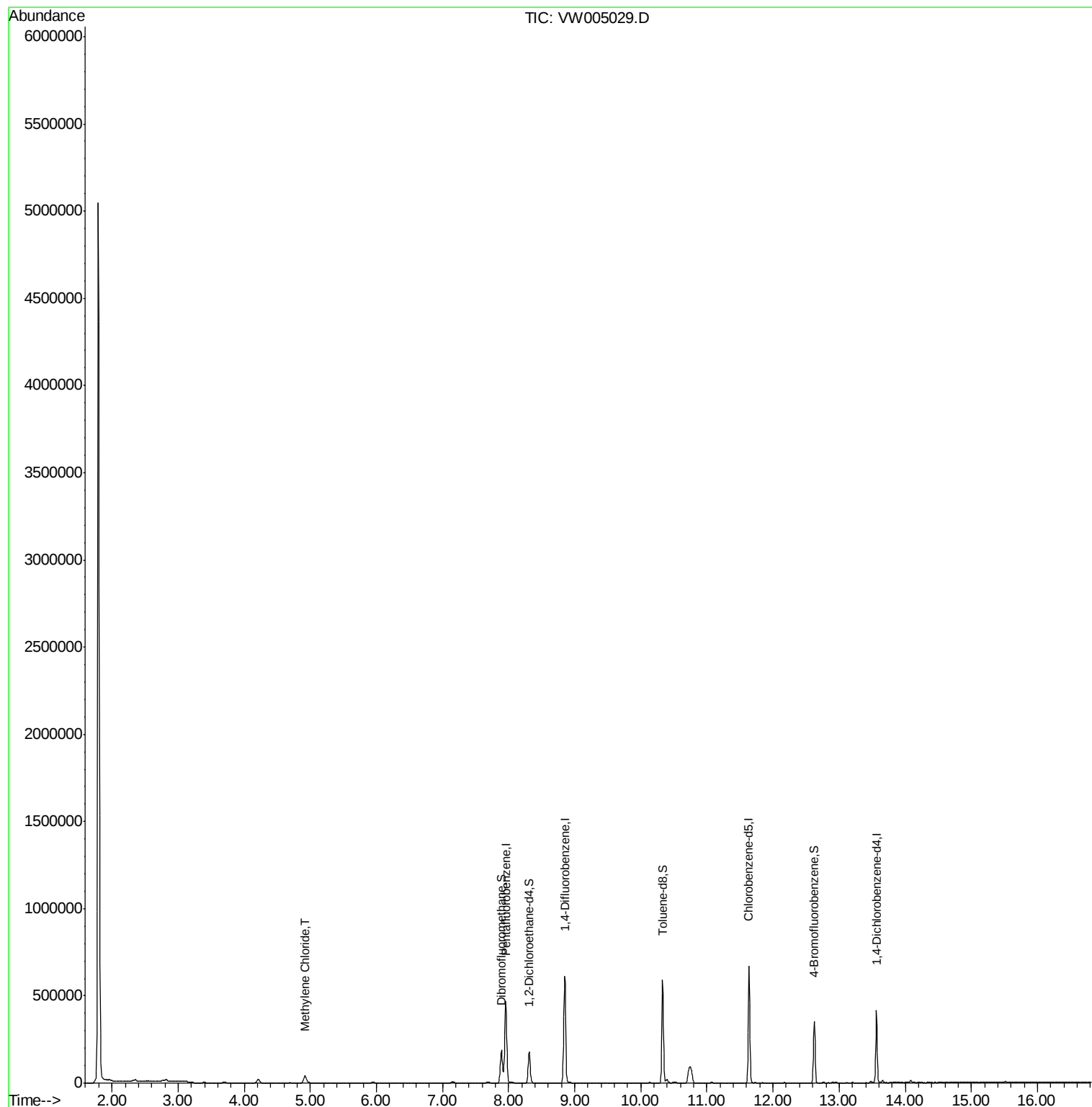
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.92	84	31980	3.29	ug/l	95

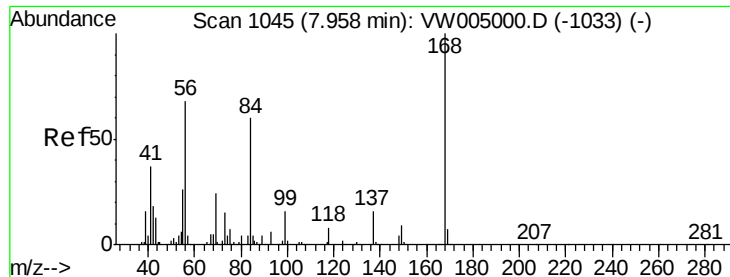
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW005029.D

Acq: 30 Aug 2018 19:47

Instrument :

MSVOA_W

ClientSampleId :

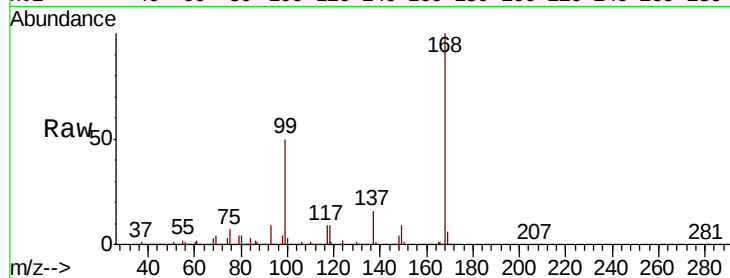
SU-01-082918-B

Tot Ion:168 Resp: 386686

Ion Ratio Lower Upper

168 100

99 50.2 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

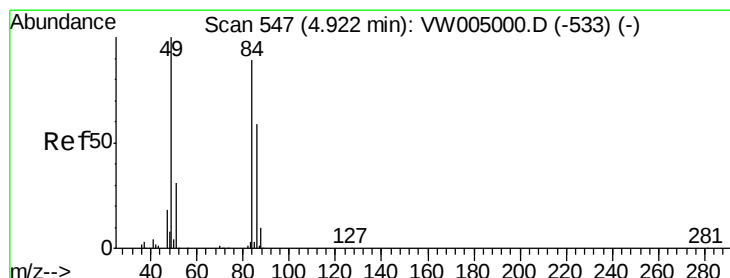
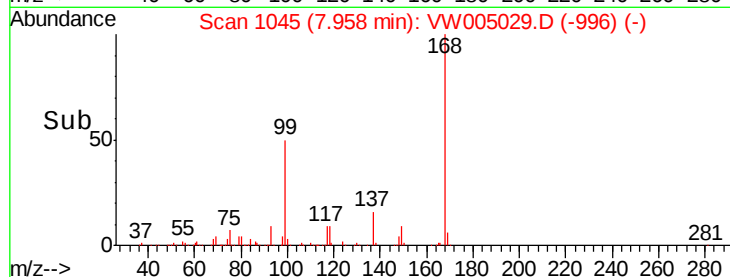
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 3.29 ug/l

RT: 4.92 min Scan# 546

Delta R.T. -0.01 min

Lab File: VW005029.D

Acq: 30 Aug 2018 19:47

Tgt Ion: 84 Resp: 31980

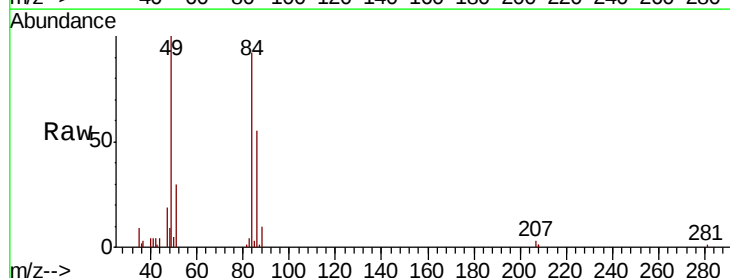
Ion Ratio Lower Upper

84 100

49 108.3 89.7 134.5

51 32.5 27.5 41.3

86 59.3 52.7 79.1



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

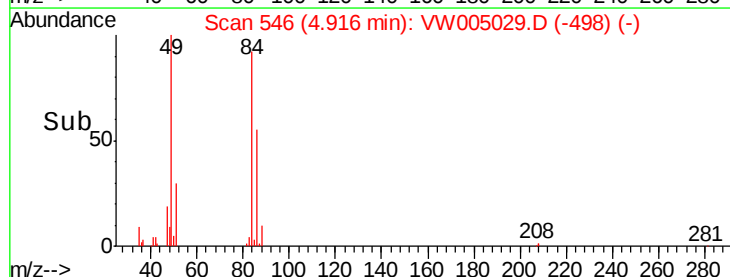
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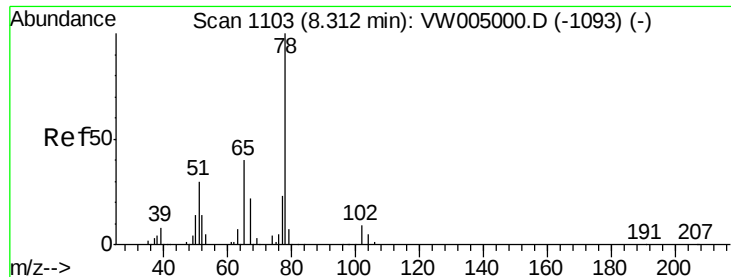
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5000

0

Time-->

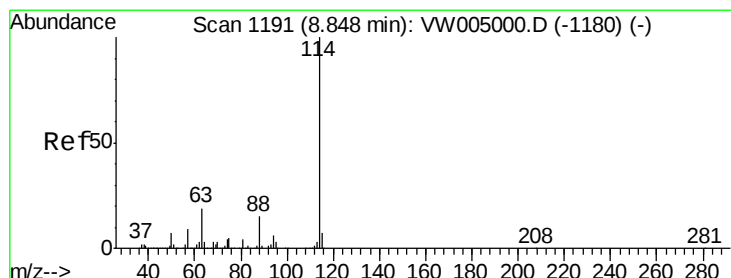
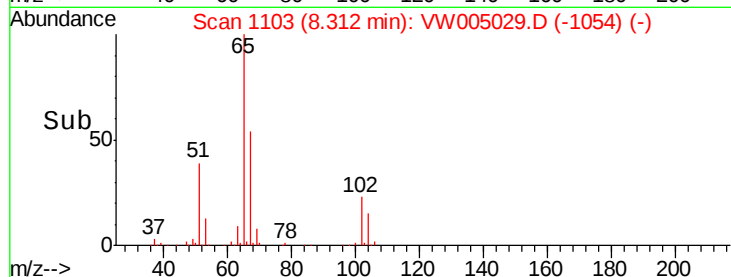
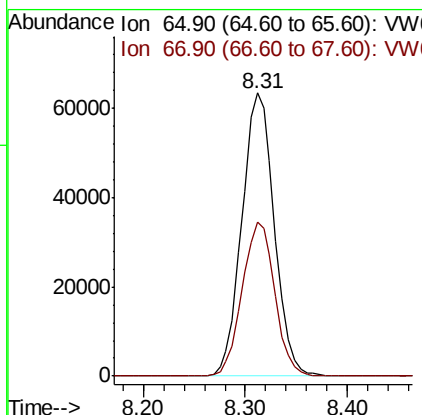
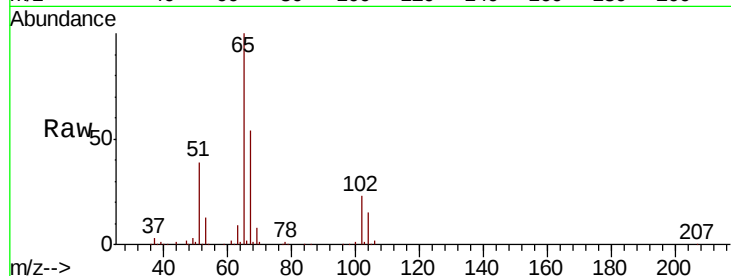




#33
 1,2-Dichloroethane-d4
 Concen: 53.01 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW005029.D
 Acq: 30 Aug 2018 19:47

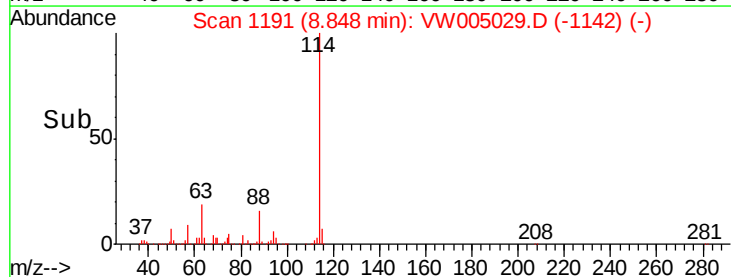
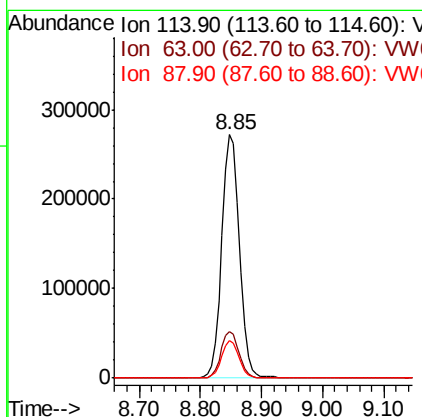
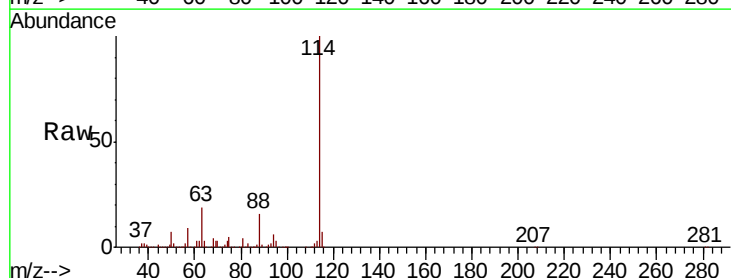
Instrument :
 MSVOA_W
 ClientSampleId :
 SU-01-082918-B

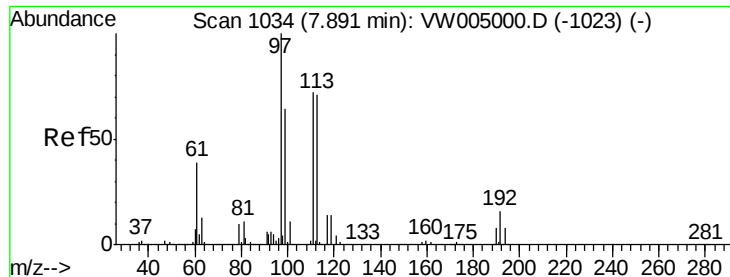
Tot Ion: 65 Resp: 140220
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005029.D
 Acq: 30 Aug 2018 19:47

Tgt Ion: 114 Resp: 546986
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.4
 88 15.7 0.0 30.6

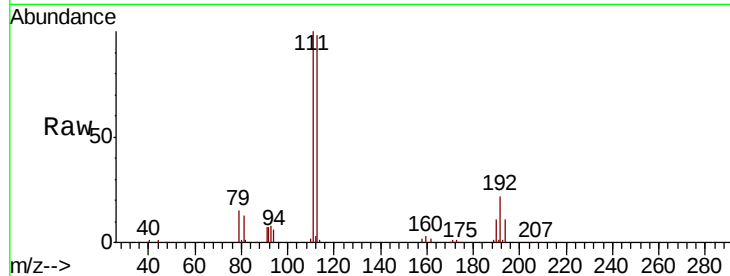




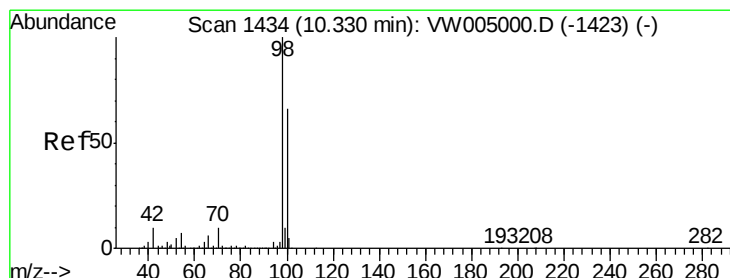
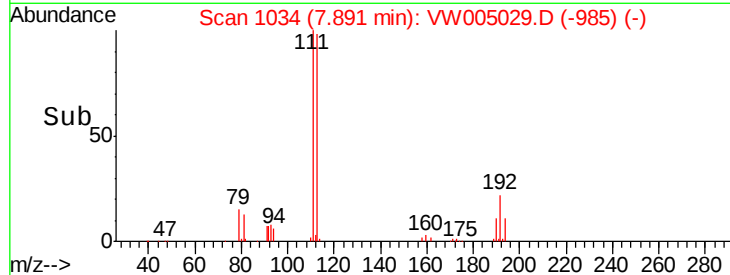
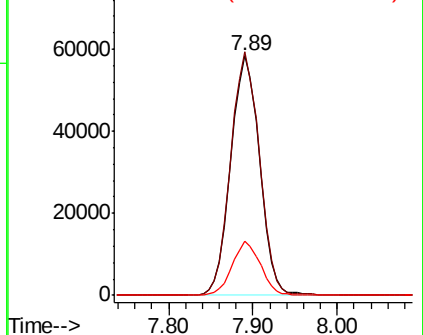
#35
Dibromofluoromethane
Concen: 50.20 ug/l
RT: 7.89 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VW005029.D
Acq: 30 Aug 2018 19:47

Instrument :
MSVOA_W
ClientSampleId :
SU-01-082918-B

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.3	121.9
192	21.9	17.8	26.8

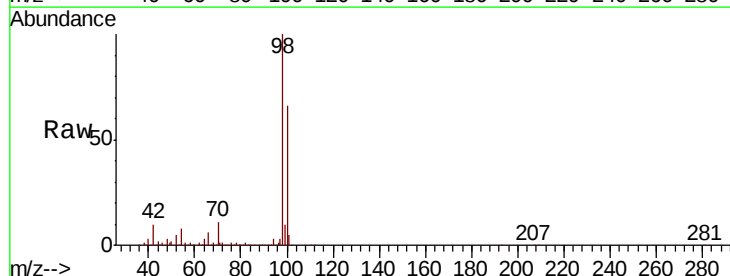


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

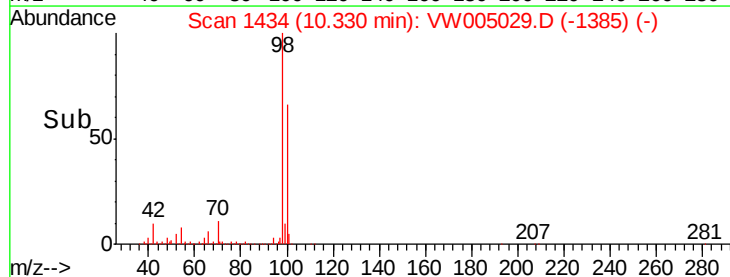
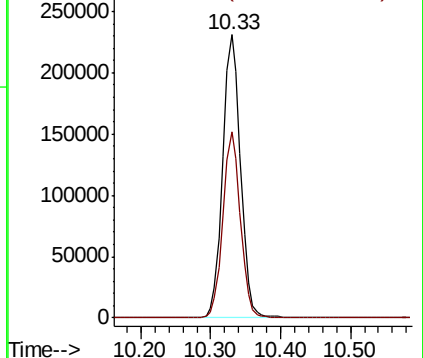


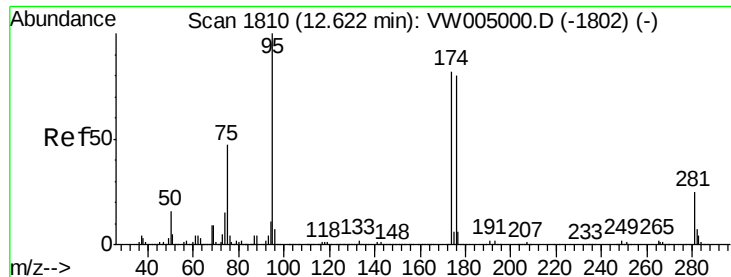
#50
Toluene-d8
Concen: 27.60 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW005029.D
Acq: 30 Aug 2018 19:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.9	77.9



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

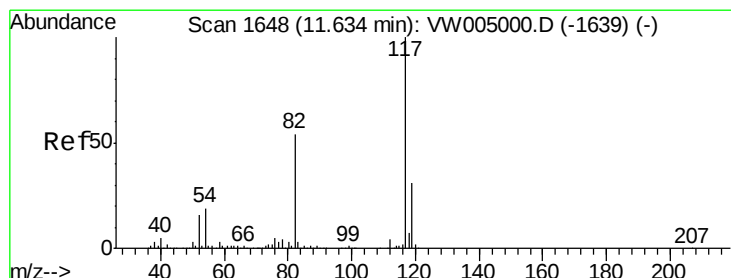
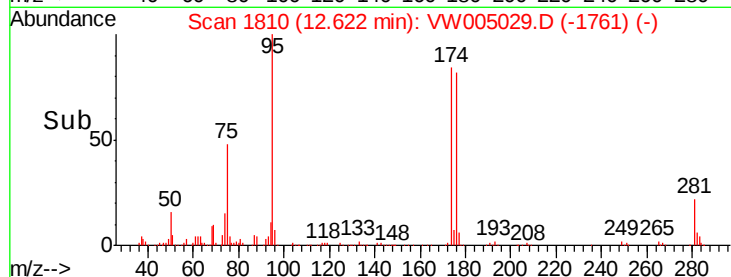
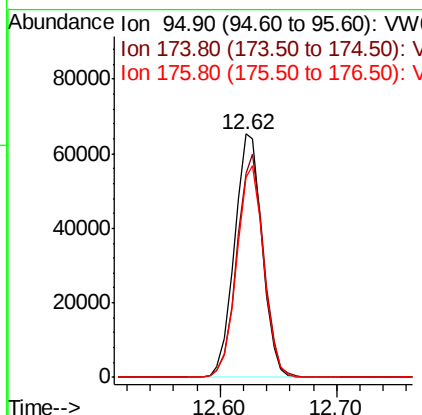
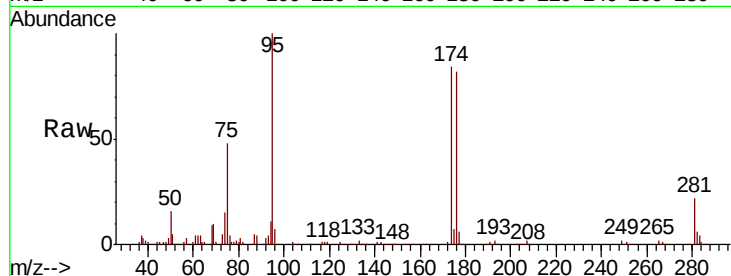




#62
4-Bromofluorobenzene
Concen: 19.88 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW005029.D
Acq: 30 Aug 2018 19:47

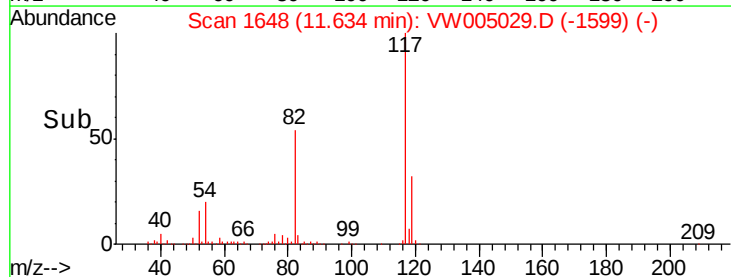
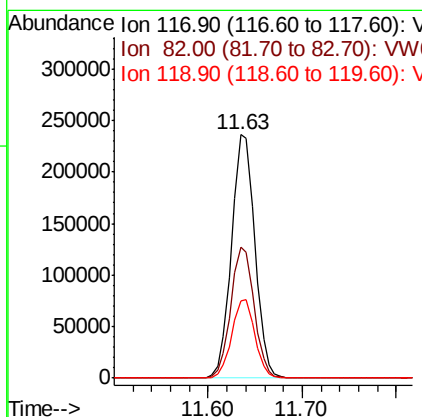
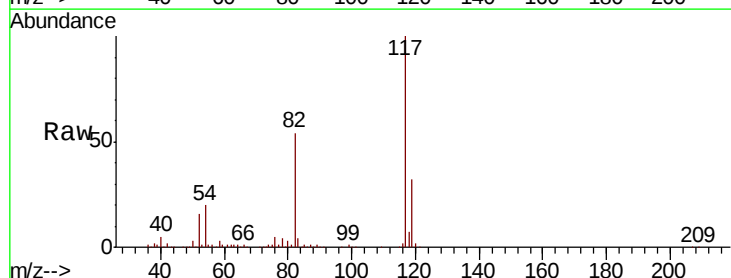
Instrument :
MSVOA_W
ClientSampleId :
SU-01-082918-B

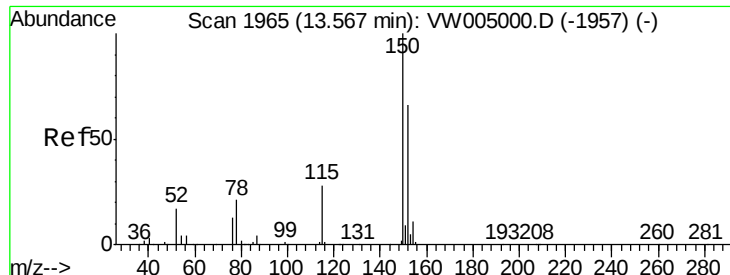
Tot Ion: 95 Resp: 107873
Ion Ratio Lower Upper
95 100
174 89.1 0.0 173.4
176 85.2 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW005029.D
Acq: 30 Aug 2018 19:47

Tgt Ion: 117 Resp: 408239
Ion Ratio Lower Upper
117 100
82 53.8 43.3 64.9
119 31.8 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: VW005029.D

Acq: 30 Aug 2018 19:47

Instrument :

MSVOA_W

ClientSampleId :

SU-01-082918-B

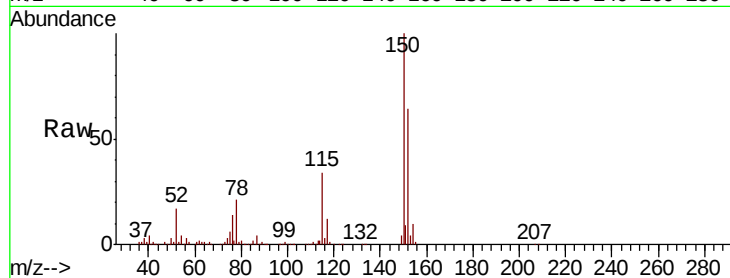
Tot Ion:152 Resp: 117408

Ion Ratio Lower Upper

152 100

115 56.0 28.0 83.9

150 156.2 0.0 347.2



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

