

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
 Data File : VW005918.D
 Acq On : 09 Oct 2018 03:11
 Operator : SY/AP
 Sample : J5306-02
 Misc : 5.10G/5ML/MSVOA_W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S-21-V

Quant Time: Oct 09 08:07:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	259472	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	382754	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	327155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	147631	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	80795	32.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.16%	
35) Dibromofluoromethane	7.88	113	82691	33.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.68%	
50) Toluene-d8	10.33	98	266610	28.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	56.72%	
62) 4-Bromofluorobenzene	12.62	95	96987	27.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	54.22%	

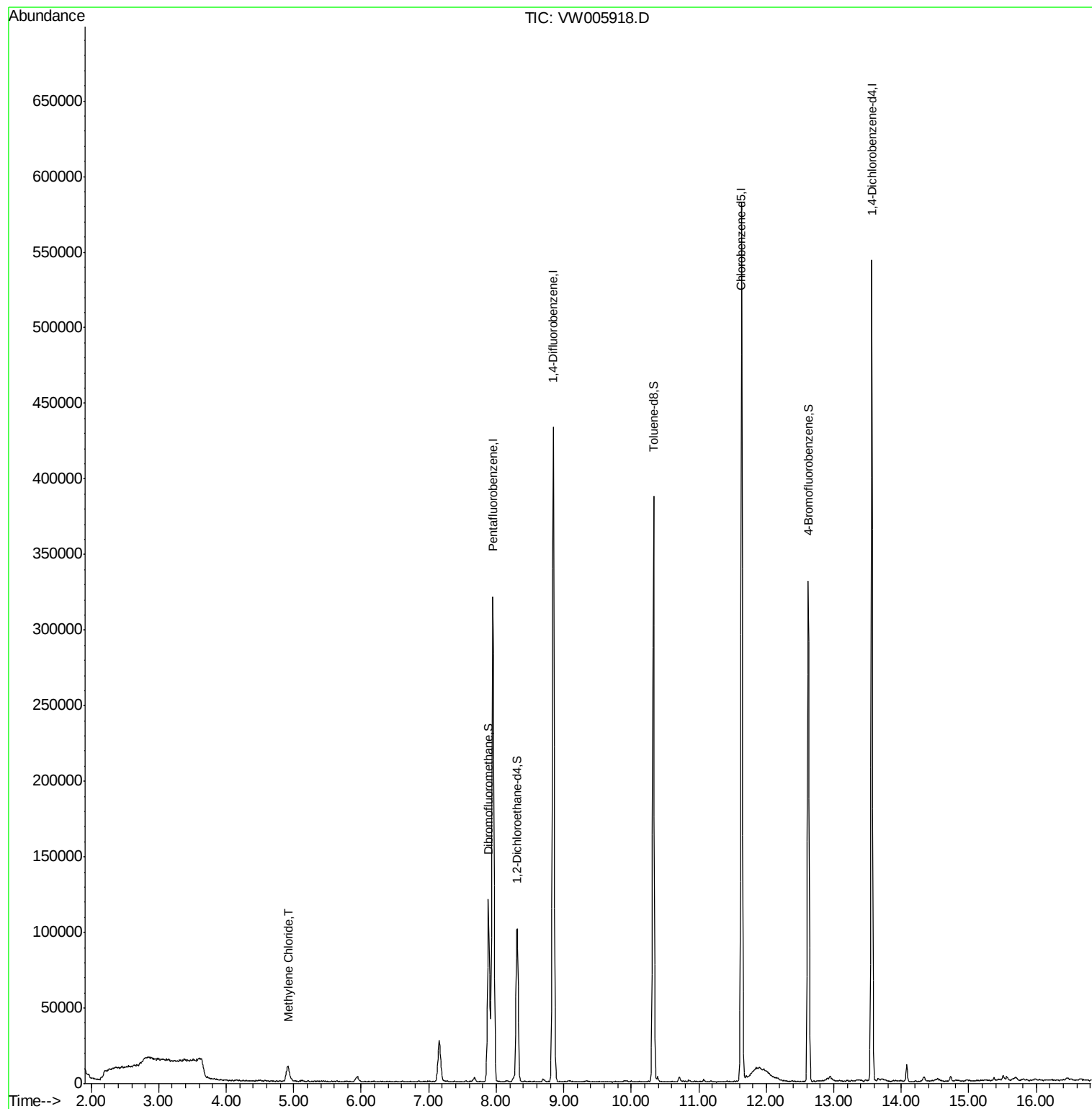
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.91	84	8590	3.41	ug/l	86

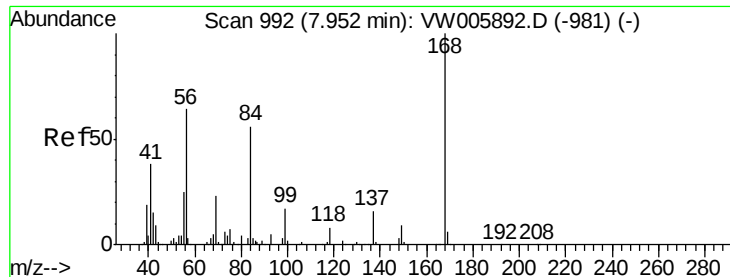
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW005918.D

Acq: 09 Oct 2018 03:11

Instrument :

MSVOA_W

ClientSampleId :

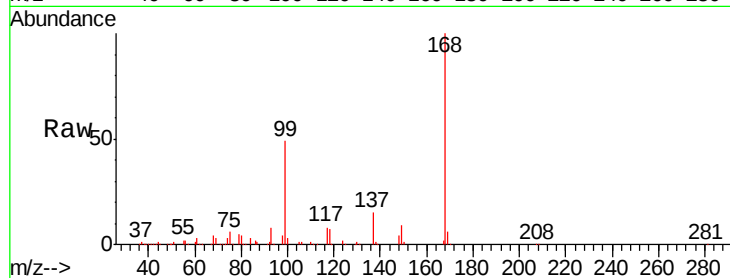
S-21-V

Tgt Ion:168 Resp: 259472

Ion Ratio Lower Upper

168 100

99 48.8 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

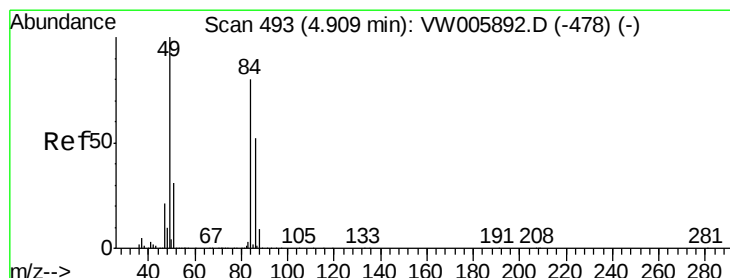
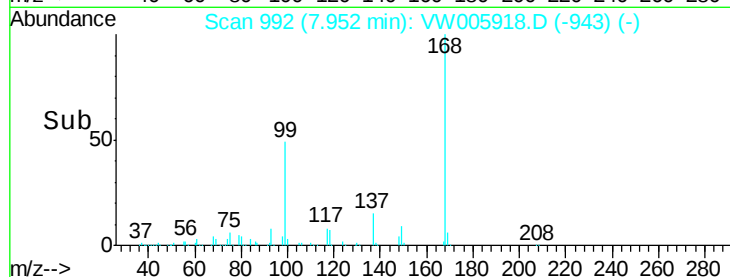
7.95

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 3.41 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW005918.D

Acq: 09 Oct 2018 03:11

Tgt Ion: 84 Resp: 8590

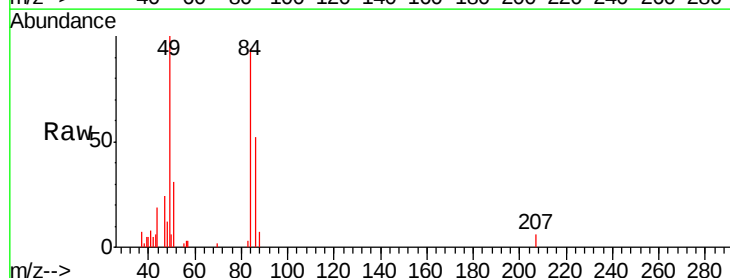
Ion Ratio Lower Upper

84 100

49 105.8 99.9 149.9

51 33.0 31.1 46.7

86 55.1 51.8 77.6



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

4000

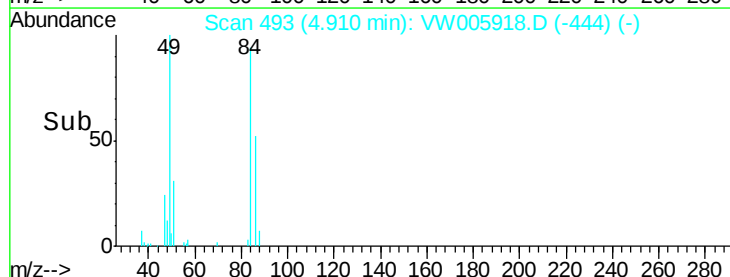
3000

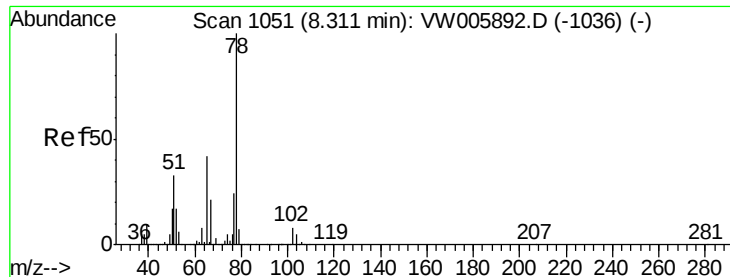
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1000

0

Time-->

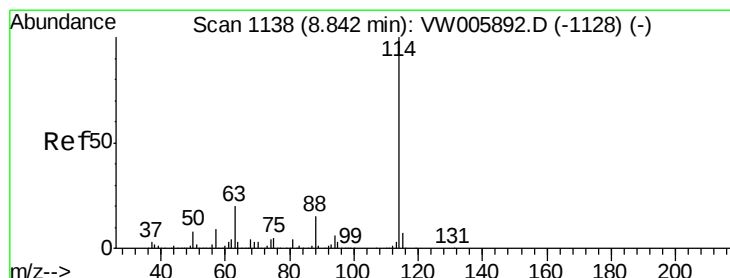
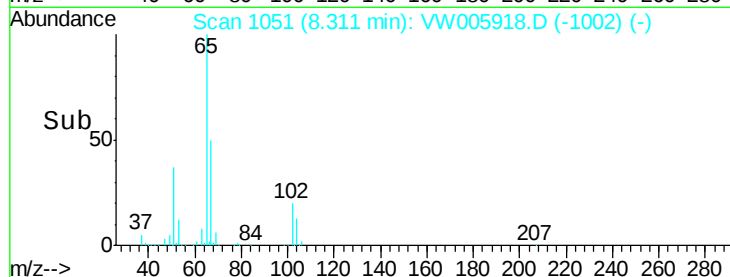
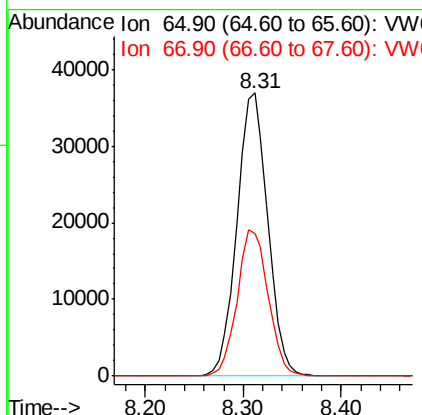
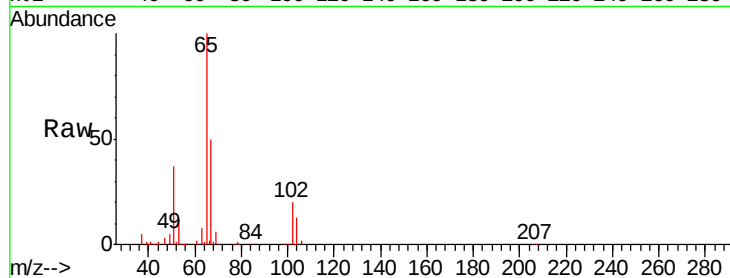




#33
 1,2-Dichloroethane-d4
 Concen: 32.08 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005918.D
 Acq: 09 Oct 2018 03:11

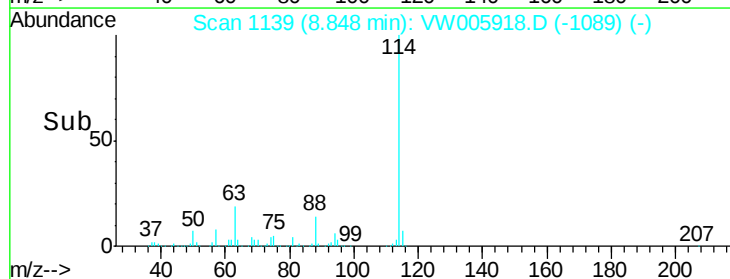
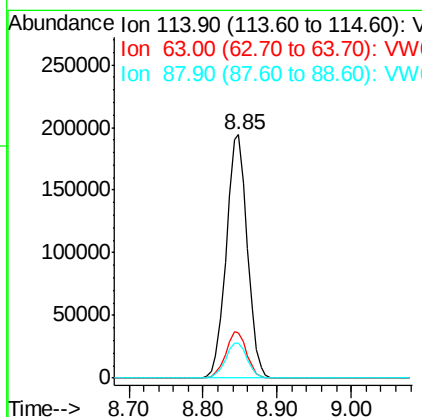
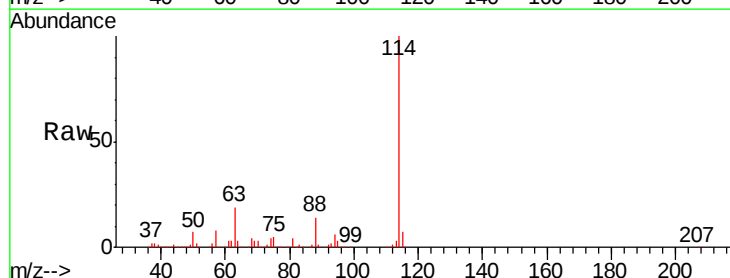
Instrument :
 MSVOA_W
 ClientSampleId :
 S-21-V

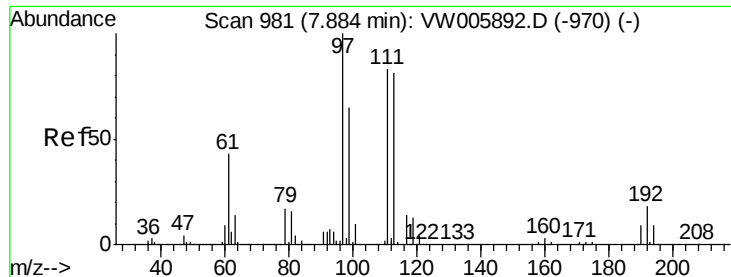
Tgt Ion: 65 Resp: 80795
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005918.D
 Acq: 09 Oct 2018 03:11

Tgt Ion: 114 Resp: 382754
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 39.2
 88 14.4 0.0 30.8

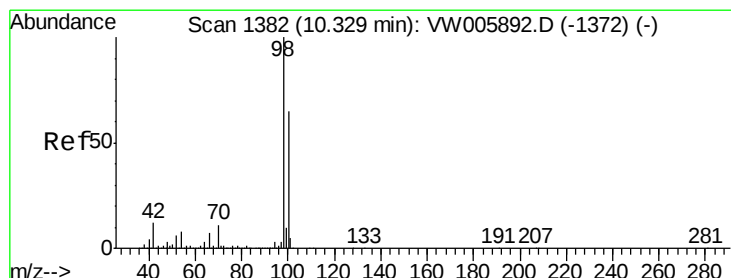
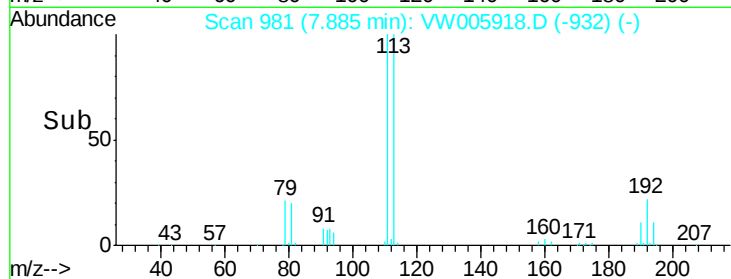
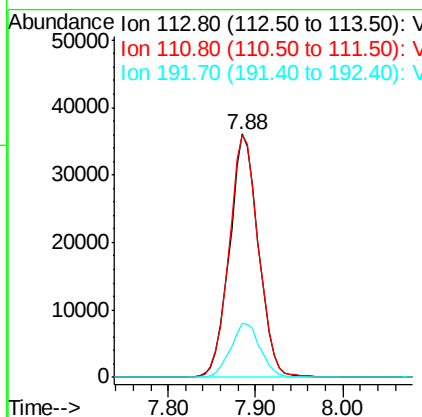
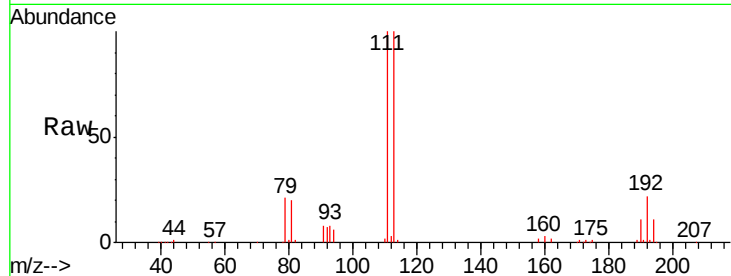




#35
 Dibromofluoromethane
 Concen: 33.84 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW005918.D
 Acq: 09 Oct 2018 03:11

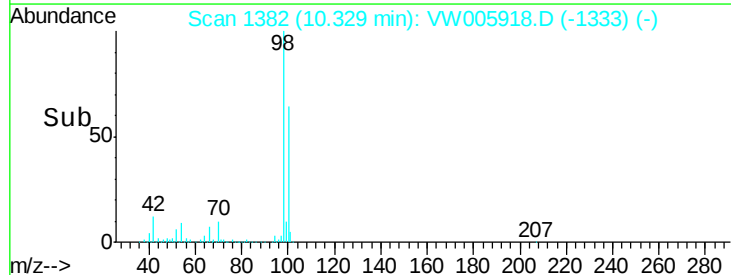
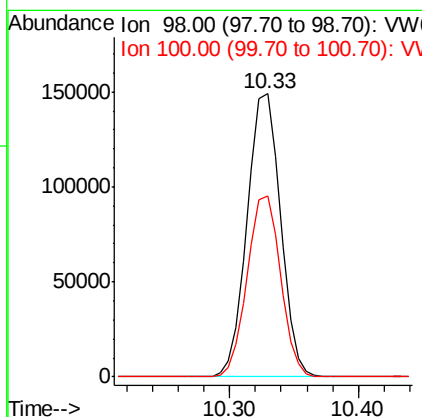
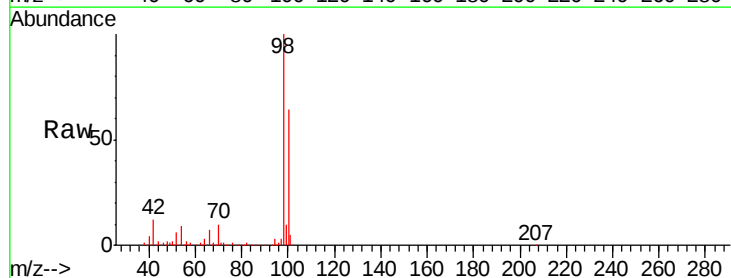
Instrument :
 MSVOA_W
 ClientSampleId :
 S-21-V

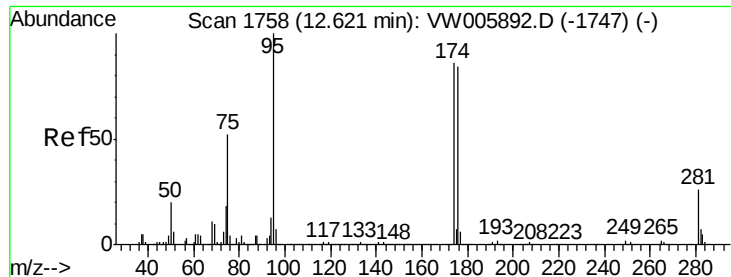
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.0	123.0
192	22.7	18.3	27.5



#50
 Toluene-d8
 Concen: 28.36 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VW005918.D
 Acq: 09 Oct 2018 03:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.9	77.9





#62

4-Bromofluorobenzene

Concen: 27.11 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW005918.D

Acq: 09 Oct 2018 03:11

Instrument :

MSVOA_W

ClientSampled :

S-21-V

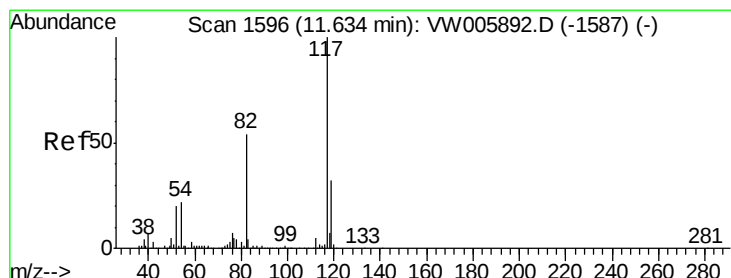
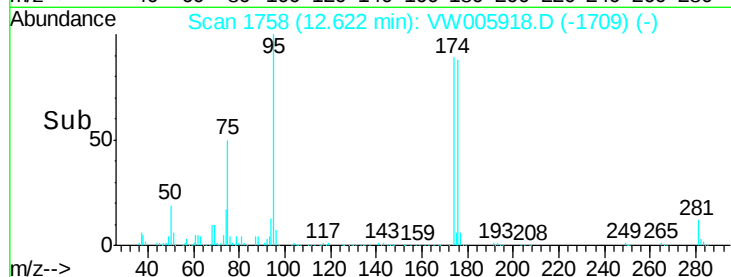
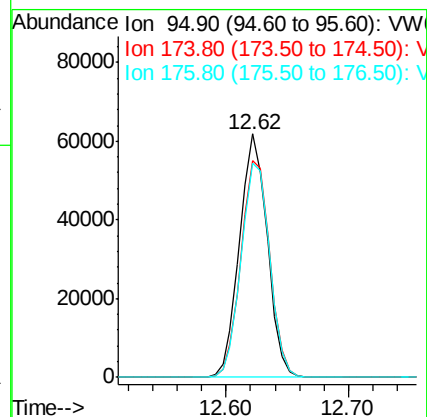
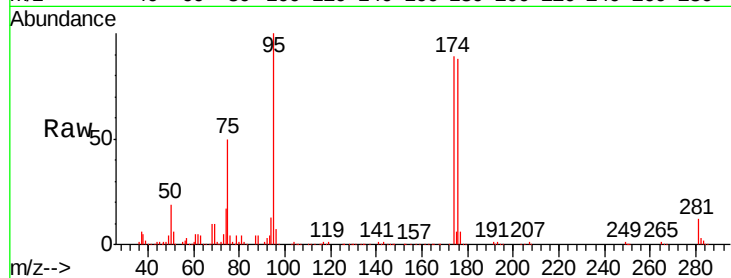
Tgt Ion: 95 Resp: 96987

Ion Ratio Lower Upper

95 100

174 92.4 0.0 176.4

176 90.9 0.0 173.0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW005918.D

Acq: 09 Oct 2018 03:11

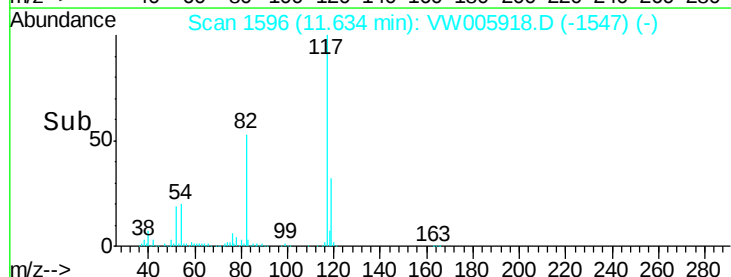
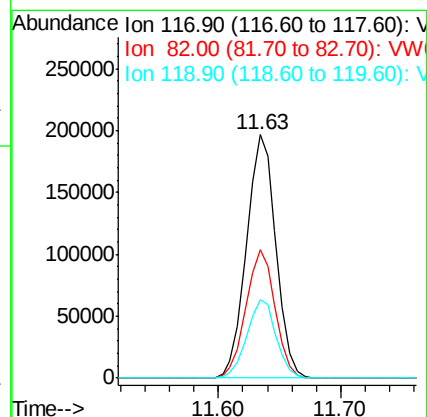
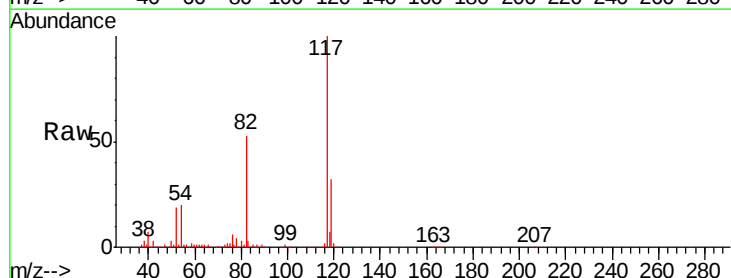
Tgt Ion: 117 Resp: 327155

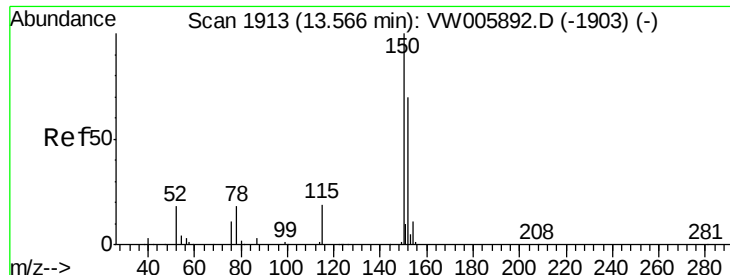
Ion Ratio Lower Upper

117 100

82 52.6 43.5 65.3

119 32.1 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005918.D

Acq: 09 Oct 2018 03:11

Instrument :

MSVOA_W

ClientSampleId :

S-21-V

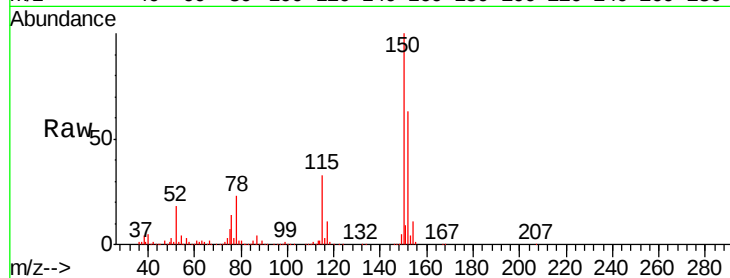
Tgt Ion:152 Resp: 147631

Ion Ratio Lower Upper

152 100

115 55.7 28.3 85.0

150 157.4 0.0 349.2



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

