

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
 Data File : VW005903.D
 Acq On : 08 Oct 2018 18:35
 Operator : SY/AP
 Sample : J5255-01
 Misc : 6.40G/5ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TRACK-D-1

Quant Time: Oct 09 07:28:32 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	295108	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	432529	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	376593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	172828	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	92112	32.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.30%	
35) Dibromofluoromethane	7.88	113	93497	33.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.72%	
50) Toluene-d8	10.33	98	316191	29.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.52%	
62) 4-Bromofluorobenzene	12.62	95	114439	28.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	56.62%	

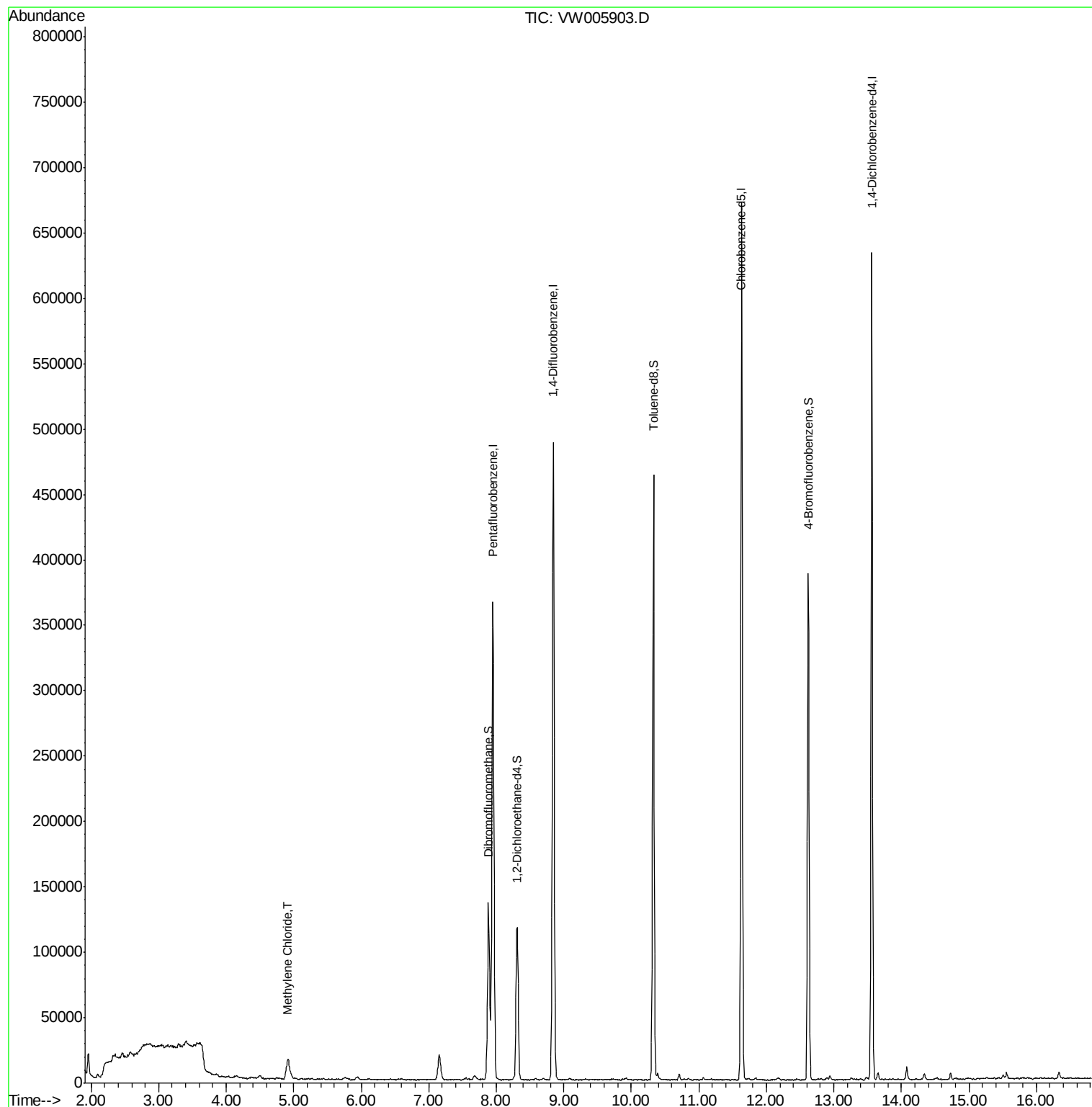
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.91	84	13137	4.58	ug/l	98

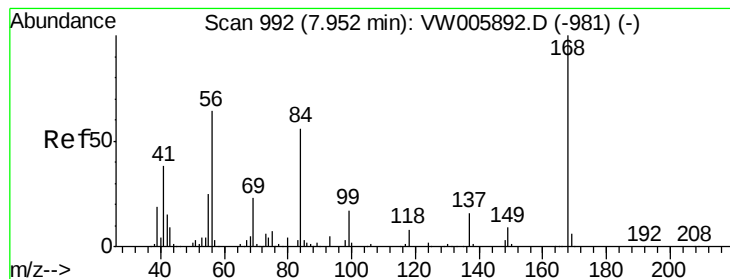
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005903.D

Acq: 08 Oct 2018 18:35

Instrument :

MSVOA_W

ClientSampleId :

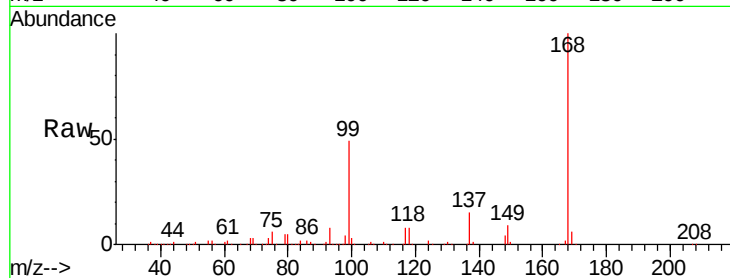
TRACK-D-1

Tgt Ion:168 Resp: 295108

Ion Ratio Lower Upper

168 100

99 48.9 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

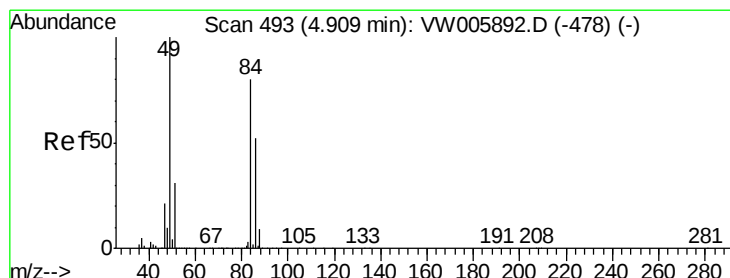
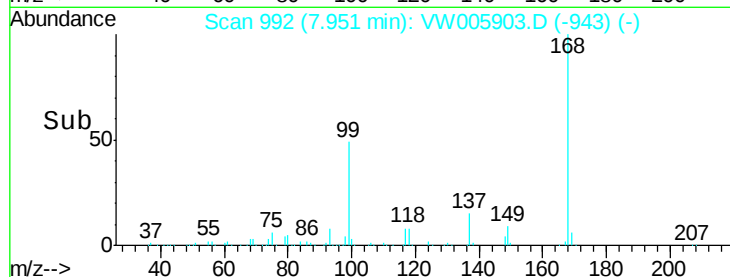
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 4.58 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.00 min

Lab File: VW005903.D

Acq: 08 Oct 2018 18:35

Tgt Ion: 84 Resp: 13137

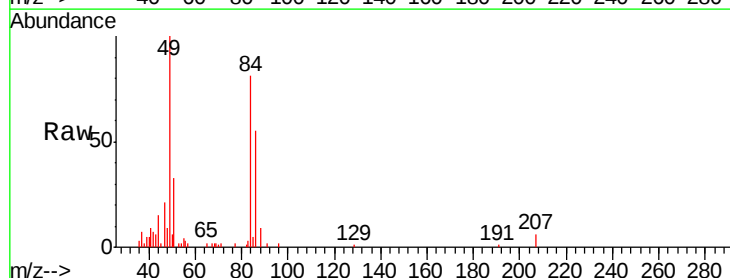
Ion Ratio Lower Upper

84 100

49 123.9 99.9 149.9

51 40.4 31.1 46.7

86 68.5 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

4.91

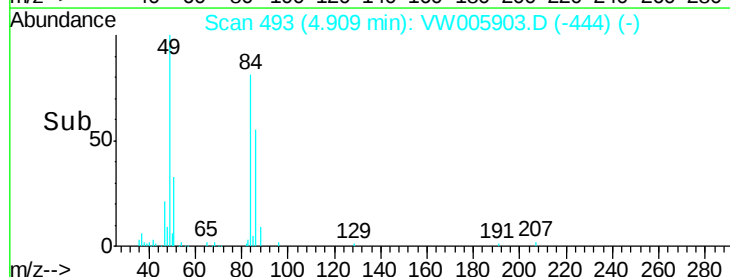
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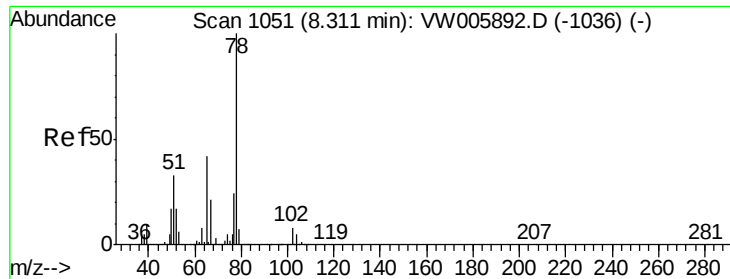
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2000

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Time-->

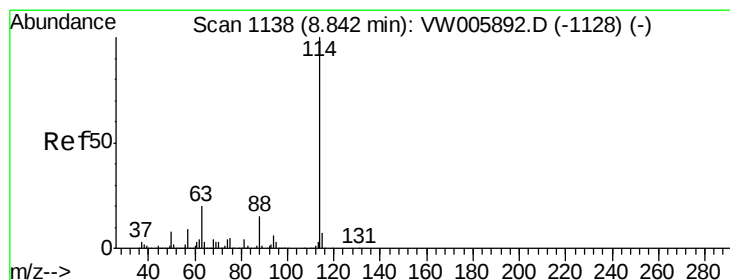
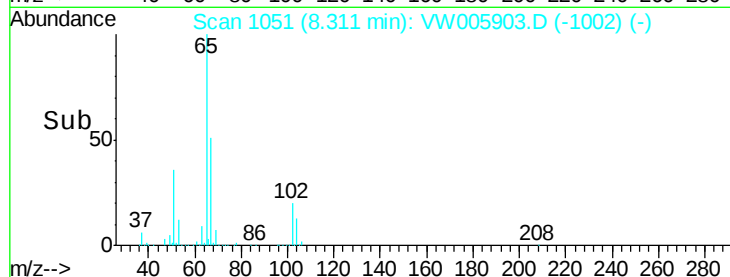
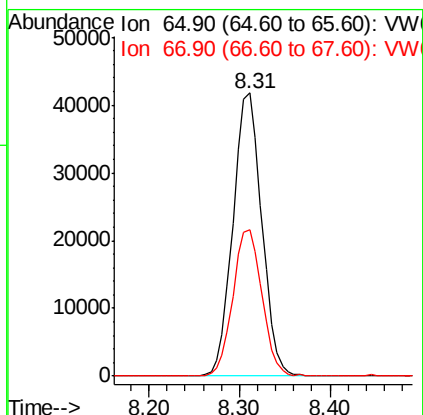
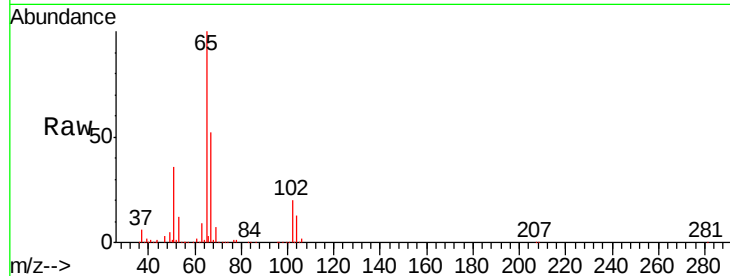




#33
 1,2-Dichloroethane-d4
 Concen: 32.15 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005903.D
 Acq: 08 Oct 2018 18:35

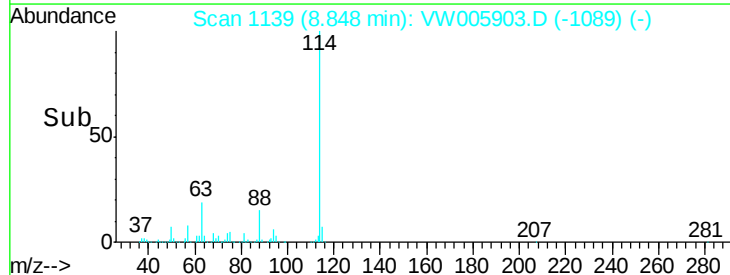
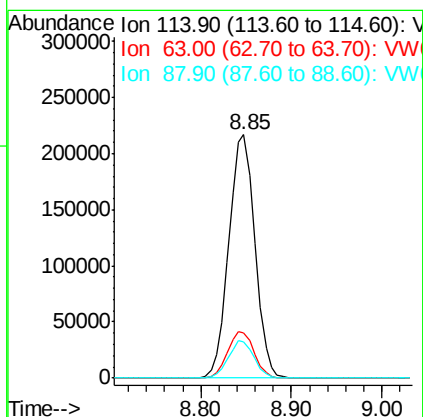
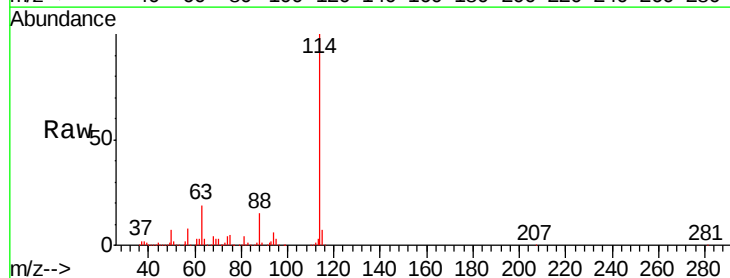
Instrument :
 MSVOA_W
 ClientSampleId :
 TRACK-D-1

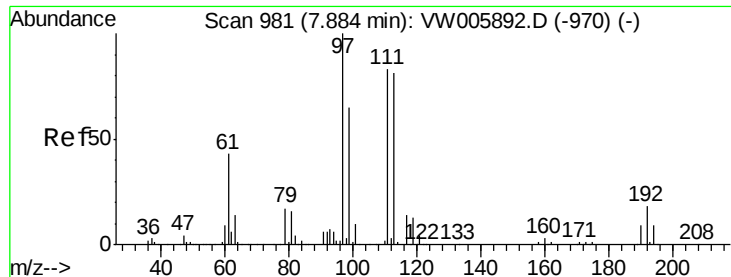
Tgt Ion: 65 Resp: 92112
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005903.D
 Acq: 08 Oct 2018 18:35

Tgt Ion: 114 Resp: 432529
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 39.2
 88 14.9 0.0 30.8

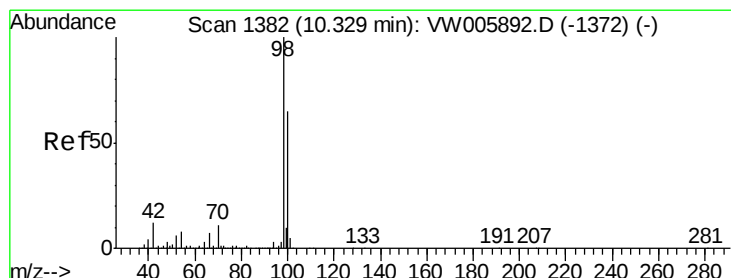
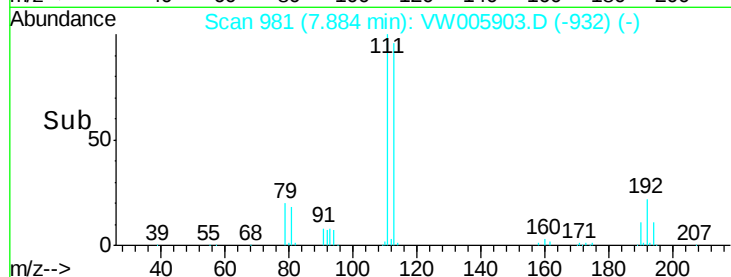
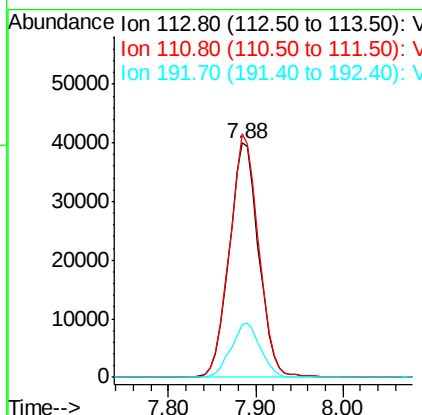
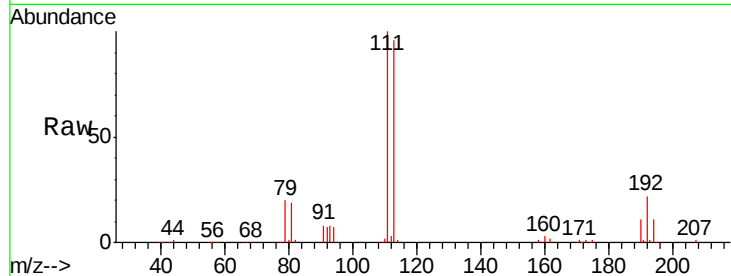




#35
 Dibromofluoromethane
 Concen: 33.86 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW005903.D
 Acq: 08 Oct 2018 18:35

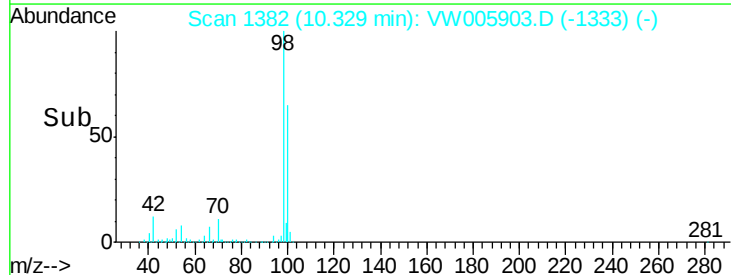
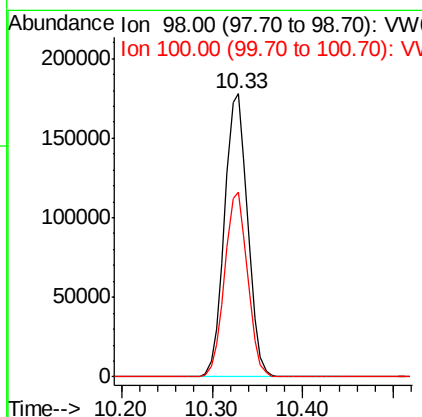
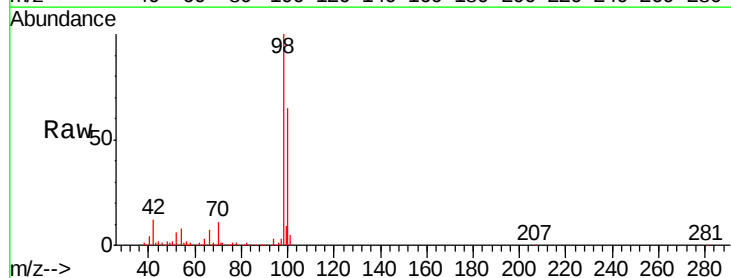
Instrument :
 MSVOA_W
 ClientSampled :
 TRACK-D-1

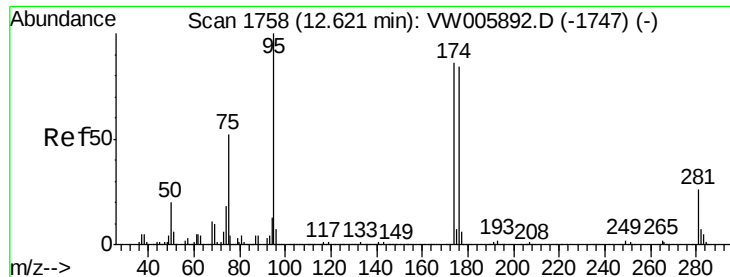
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.0	123.0
192	22.9	18.3	27.5



#50
 Toluene-d8
 Concen: 29.76 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VW005903.D
 Acq: 08 Oct 2018 18:35

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.9	77.9





#62

4-Bromofluorobenzene

Concen: 28.31 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005903.D

Acq: 08 Oct 2018 18:35

Instrument :

MSVOA_W

ClientSampleId :

TRACK-D-1

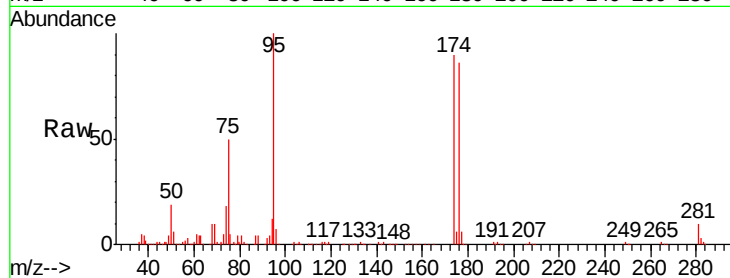
Tgt Ion: 95 Resp: 114439

Ion Ratio Lower Upper

95 100

174 92.4 0.0 176.4

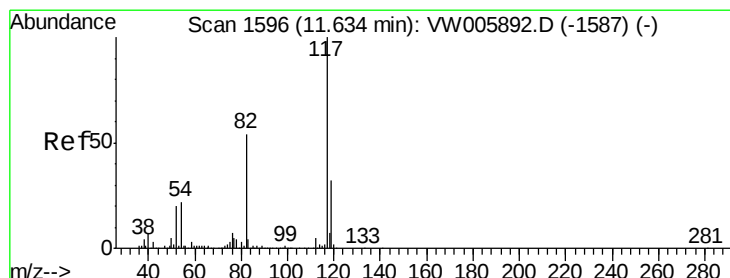
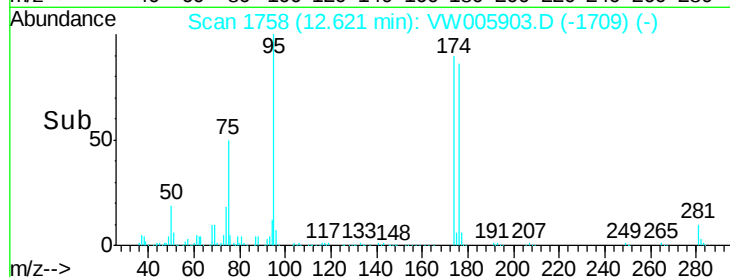
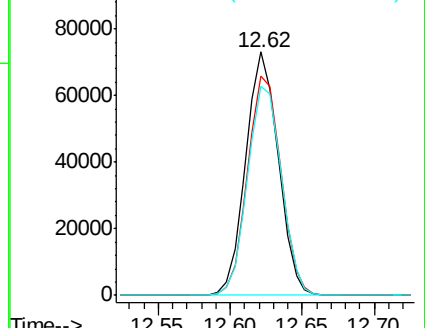
176 89.6 0.0 173.0



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: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW005903.D

Acq: 08 Oct 2018 18:35

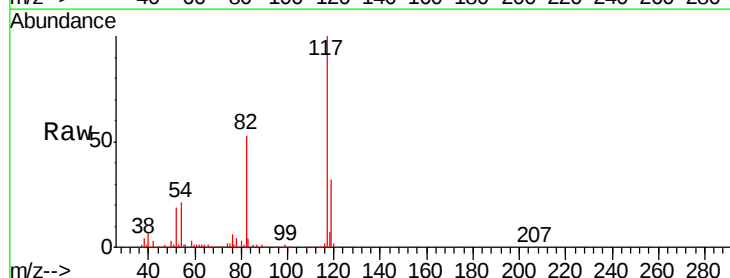
Tgt Ion: 117 Resp: 376593

Ion Ratio Lower Upper

117 100

82 52.7 43.5 65.3

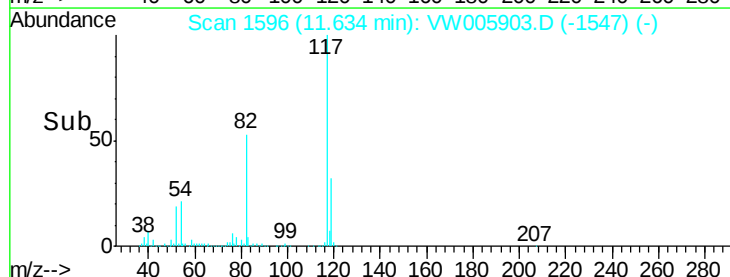
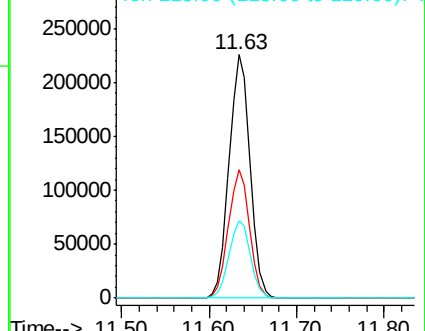
119 31.6 25.4 38.2



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



Ref

#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005903.D
Acq: 08 Oct 2018 18:35

Instrument :
MSVOA_W
ClientSampleId :
TRACK-D-1

Raw

Tgt	Ion	152	Resp	172828
	Ion	Ratio	Lower	Upper
152	100			
115	55.4	28.3	85.0	
150	155.9	0.0	349.2	

Sub