

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
 Data File : VW005928.D
 Acq On : 09 Oct 2018 07:29
 Operator : SY/AP
 Sample : J5287-04
 Misc : 5.11G/5ML/MSVOA_W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TRACK-D-4

Quant Time: Oct 09 08:27:07 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	28158	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	45873	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	41640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	17374	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	10840	39.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.32%	
35) Dibromofluoromethane	7.89	113	10534	35.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.94%	
50) Toluene-d8	10.33	98	34576	30.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	61.36%	
62) 4-Bromofluorobenzene	12.62	95	12720	29.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	59.34%	

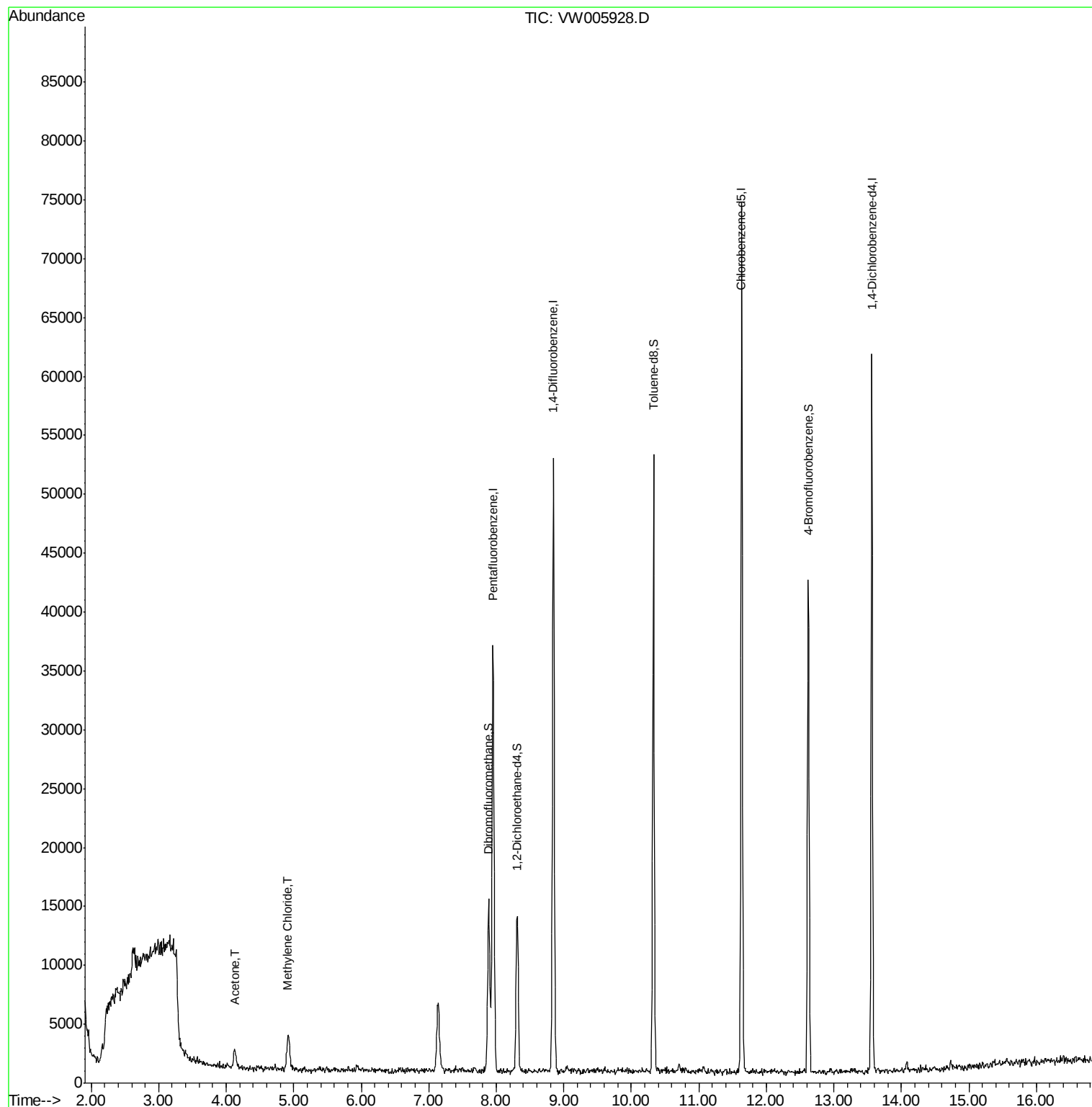
Target Compounds						Qvalue
16) Acetone	4.12	43	2607	47.75	ug/l	# 88
20) Methylene Chloride	4.92	84	2362	8.63	ug/l	92

(#) = 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# 992

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

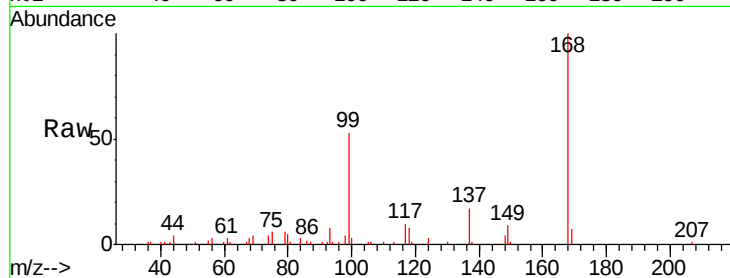
TRACK-D-4

Tgt Ion:168 Resp: 28158

Ion Ratio Lower Upper

168 100

99 53.2 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

15000

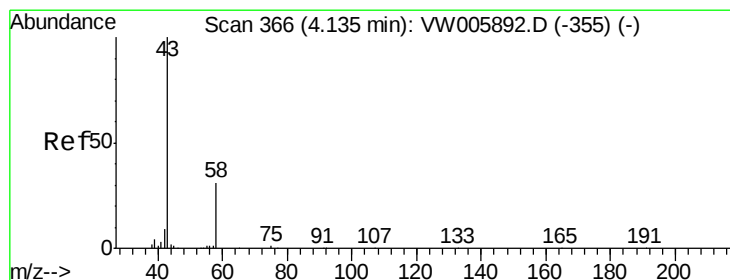
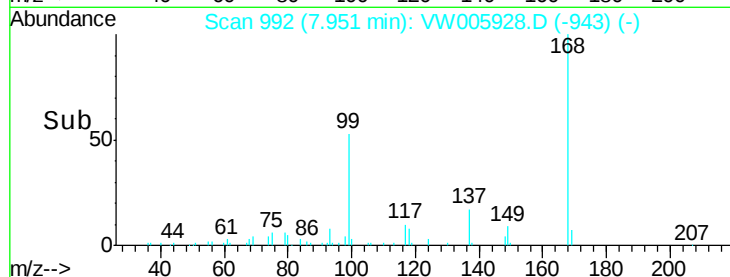
10000

5000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#16

Acetone

Concen: 47.75 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW005928.D

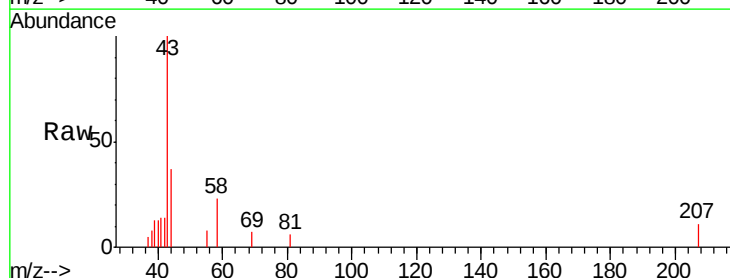
Acq: 09 Oct 2018 07:29

Tgt Ion: 43 Resp: 2607

Ion Ratio Lower Upper

43 100

58 24.5 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

1200

1000

800

600

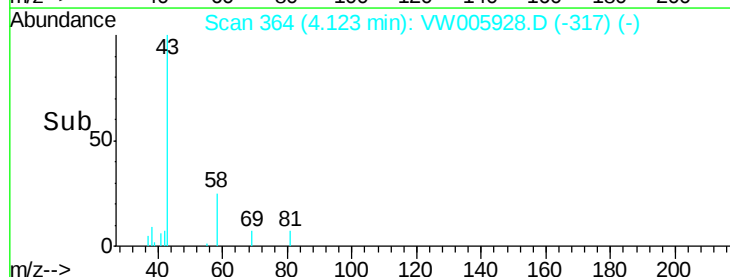
400

200

0

Time-->

4.05 4.10 4.15

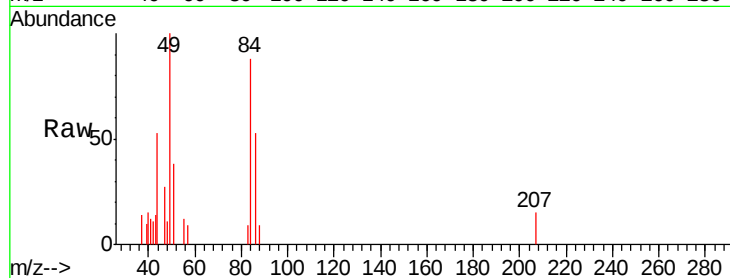




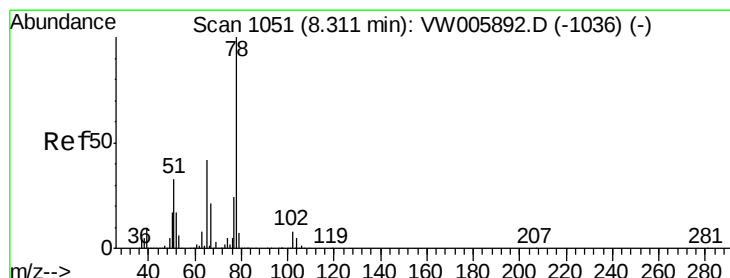
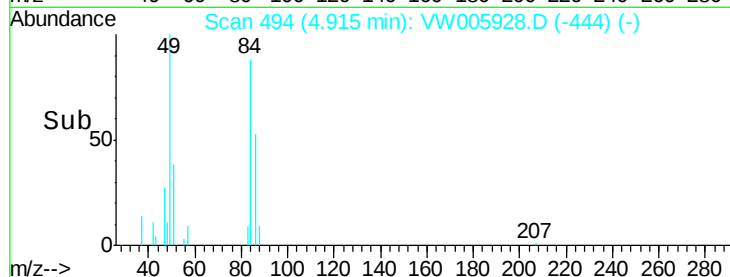
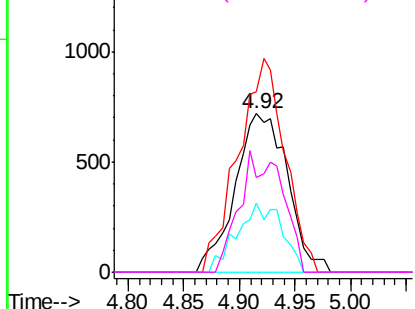
#20
Methylene Chloride
Concen: 8.63 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW005928.D
Acq: 09 Oct 2018 07:29

Instrument :
MSVOA_W
ClientSampleId :
TRACK-D-4

Tgt Ion:	84	Resp:	2362
Ion	Ratio	Lower	Upper
84	100		
49	114.1	99.9	149.9
51	43.5	31.1	46.7
86	59.9	51.8	77.6

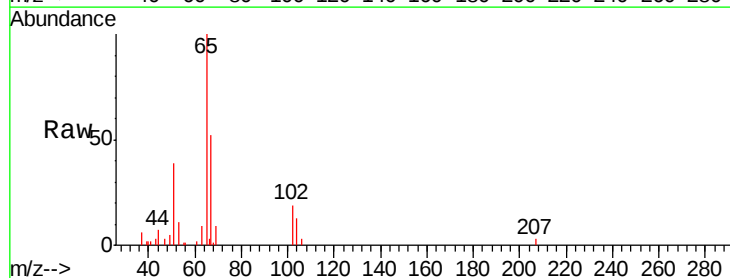


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

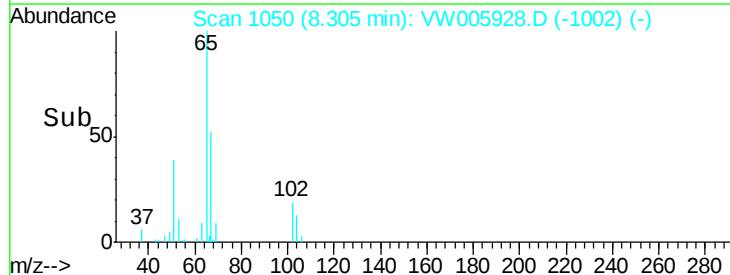
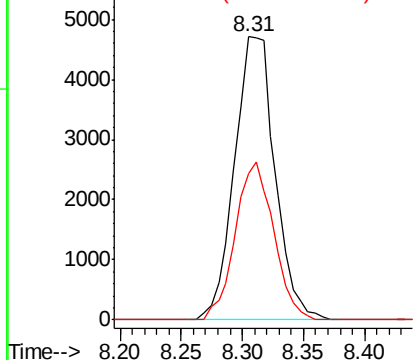


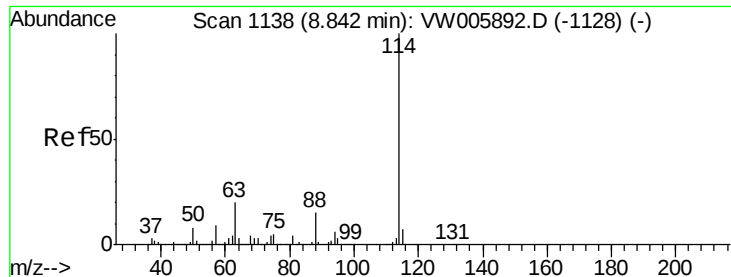
#33
1,2-Dichloroethane-d4
Concen: 39.66 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW005928.D
Acq: 09 Oct 2018 07:29

Tgt Ion:	65	Resp:	10840
Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	104.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

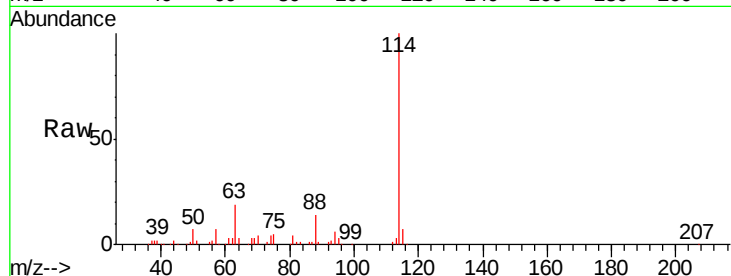




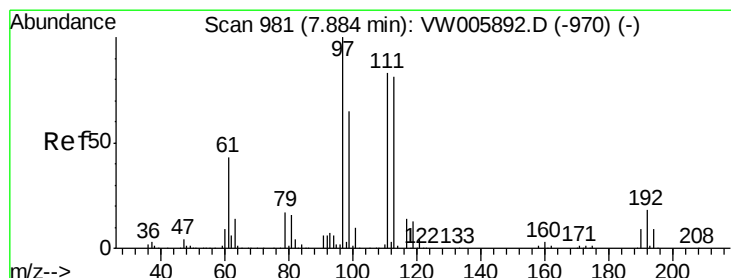
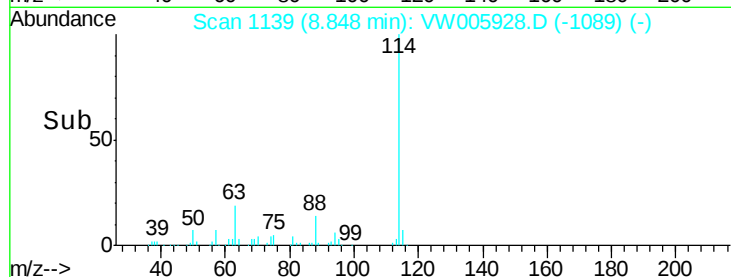
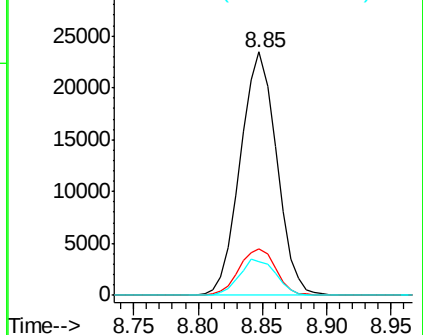
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005928.D
 Acq: 09 Oct 2018 07:29

Instrument :
 MSVOA_W
 ClientSampleId :
 TRACK-D-4

Tgt Ion:114 Resp: 45873
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.2
 88 13.7 0.0 30.8

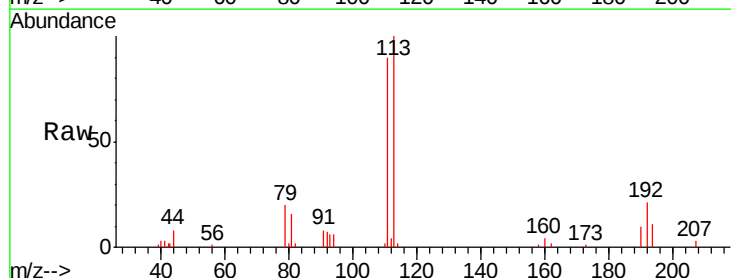


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

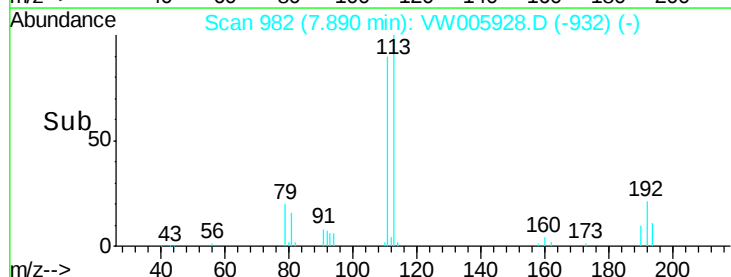
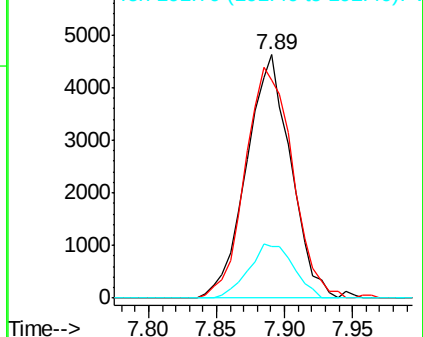


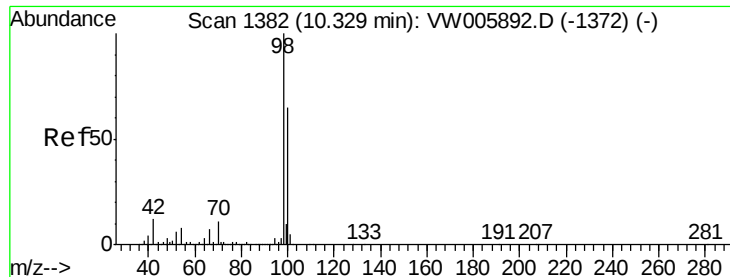
#35
 Dibromofluoromethane
 Concen: 35.97 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005928.D
 Acq: 09 Oct 2018 07:29

Tgt Ion:113 Resp: 10534
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.0 123.0
 192 22.6 18.3 27.5



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: 30.68 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005928.D

Acq: 09 Oct 2018 07:29

Instrument :

MSVOA_W

ClientSampleId :

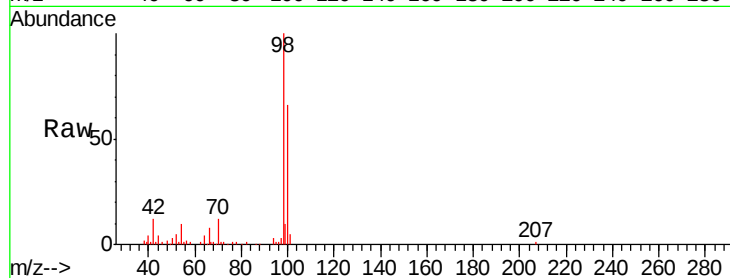
TRACK-D-4

Tgt Ion: 98 Resp: 34576

Ion Ratio Lower Upper

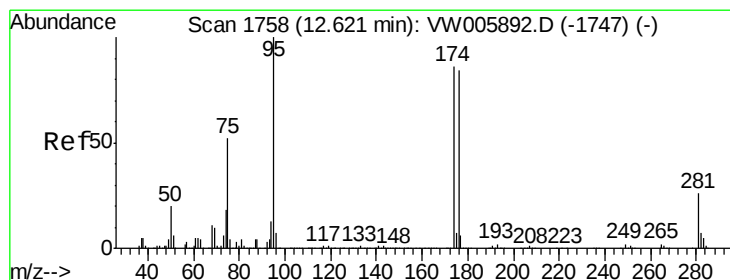
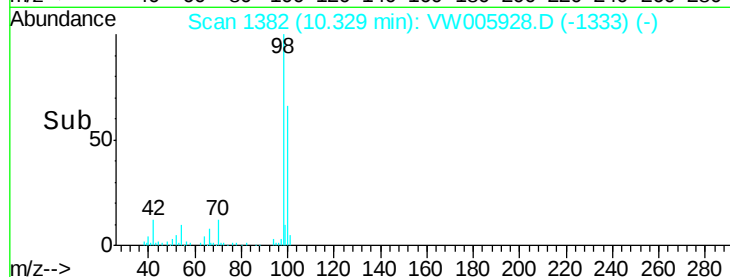
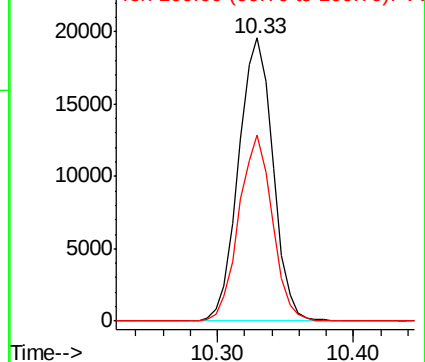
98 100

100 64.0 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: 29.67 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005928.D

Acq: 09 Oct 2018 07:29

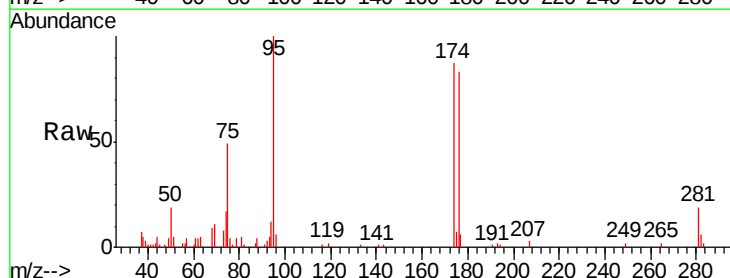
Tgt Ion: 95 Resp: 12720

Ion Ratio Lower Upper

95 100

174 88.7 0.0 176.4

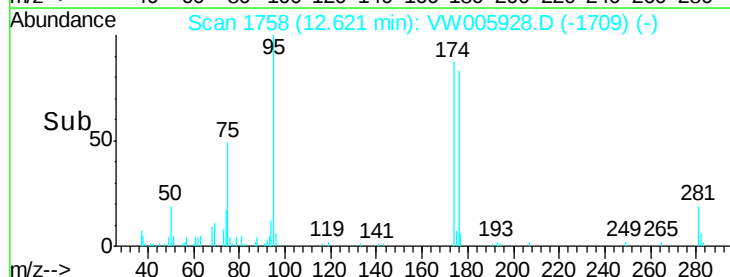
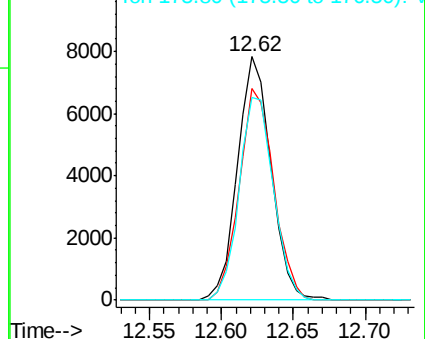
176 85.2 0.0 173.0

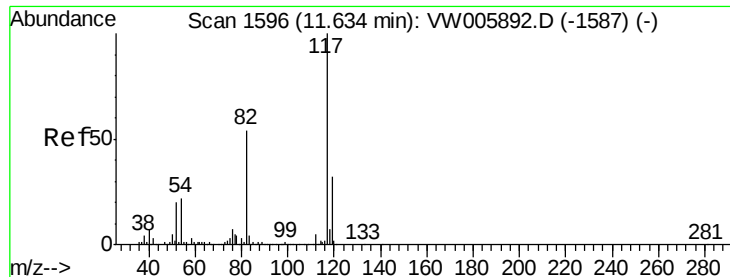


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW005928.D

Acq: 09 Oct 2018 07:29

Instrument :

MSVOA_W

ClientSampleId :

TRACK-D-4

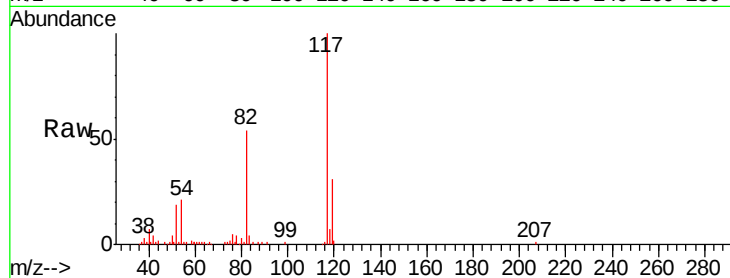
Tgt Ion:117 Resp: 41640

Ion Ratio Lower Upper

117 100

82 54.3 43.5 65.3

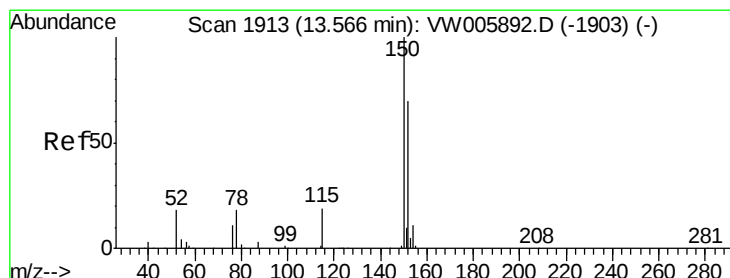
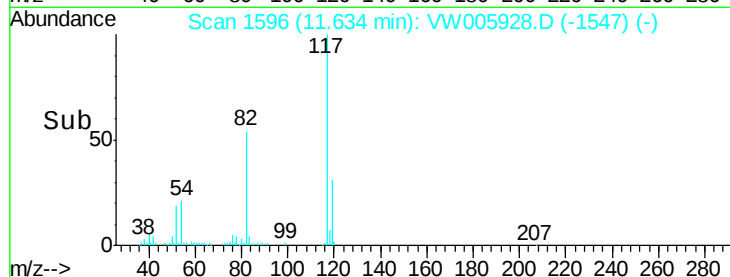
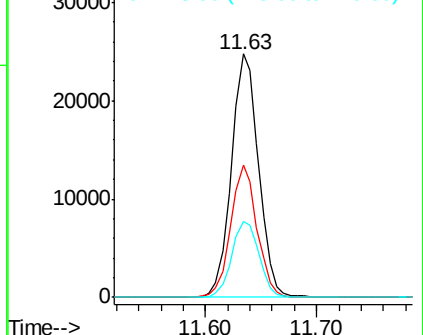
119 31.0 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005928.D

Acq: 09 Oct 2018 07:29

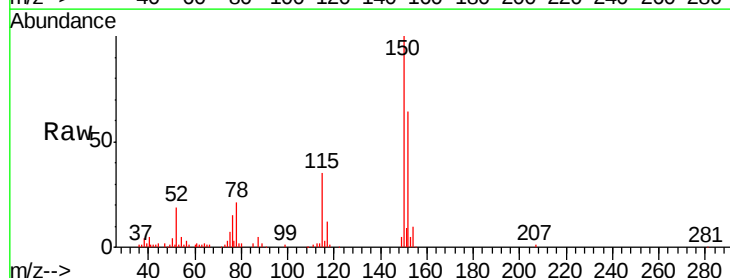
Tgt Ion:152 Resp: 17374

Ion Ratio Lower Upper

152 100

115 56.1 28.3 85.0

150 154.0 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

