

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091018\
 Data File : VD059990.D
 Acq On : 10 Sep 2018 13:54
 Operator : JC/SY
 Sample : J4836-04
 Misc : 11.12g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-025-B

Quant Time: Sep 10 14:34:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 03:03:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	917195	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.43	114	1372201	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.27	117	1174079	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	650964	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	406112	52.53	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	105.06%	
35) Dibromofluoromethane	6.30	113	428233	39.81	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	79.62%	
50) Toluene-d8	9.44	98	1110556	37.20	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	74.40%	
62) 4-Bromofluorobenzene	12.42	95	474639	39.14	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	78.28%	

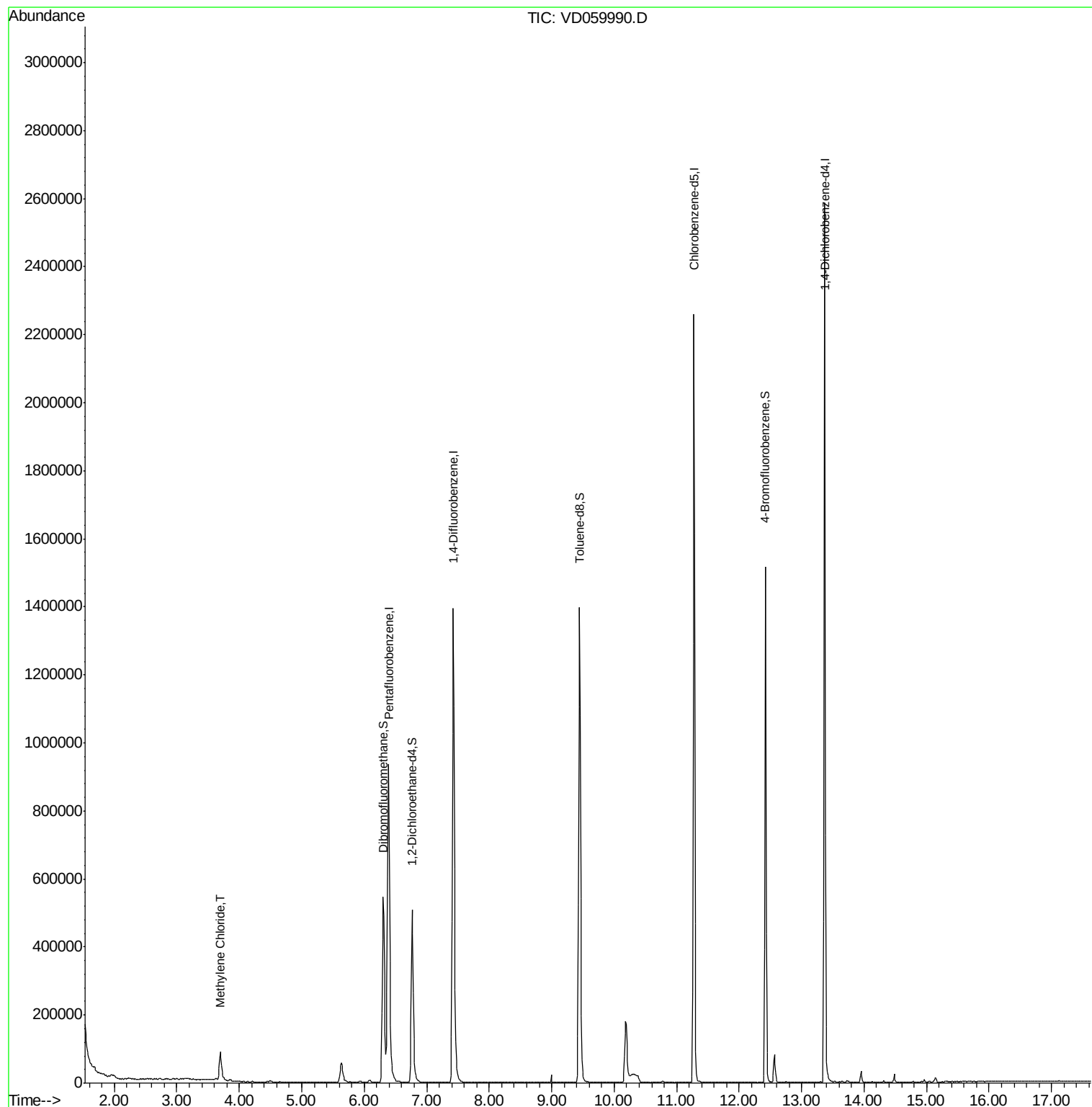
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	3.70	84	50551	1.79	ug/l	94

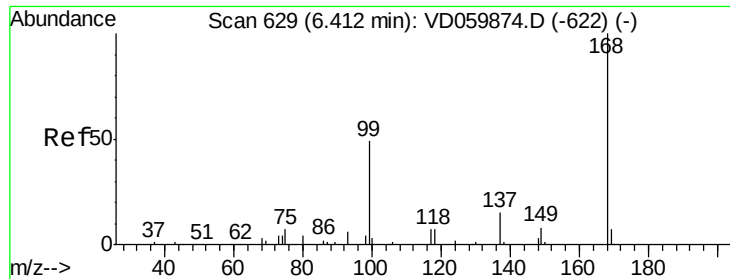
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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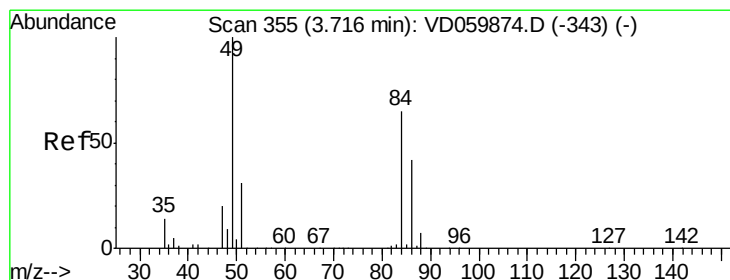
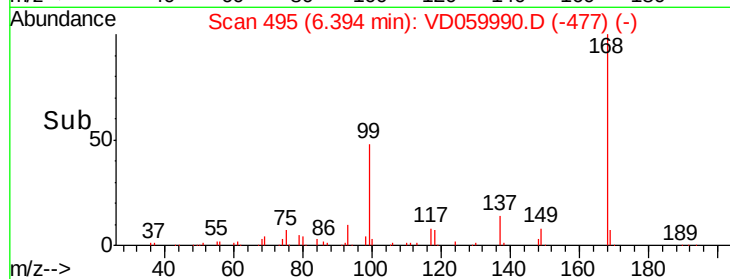
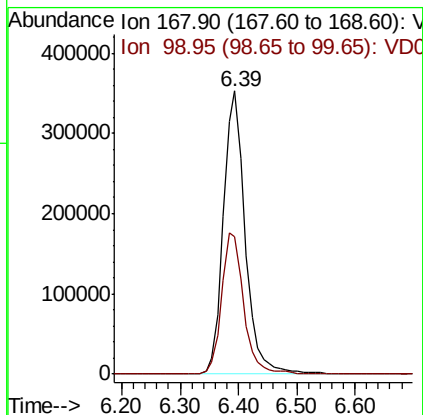
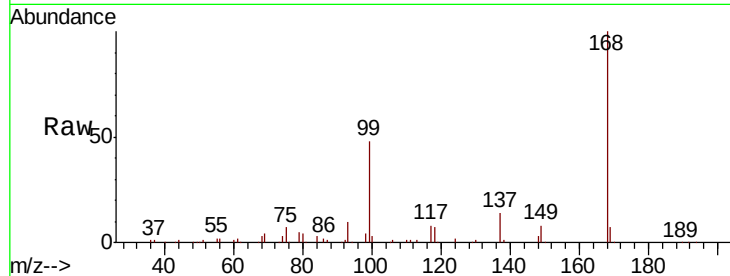


#1

Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 6.39 min Scan# 495
 Delta R.T. -0.02 min
 Lab File: VD059990.D
 Acq: 10 Sep 2018 13:54

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-025-B

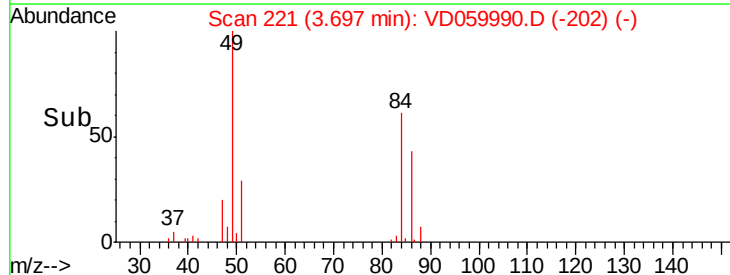
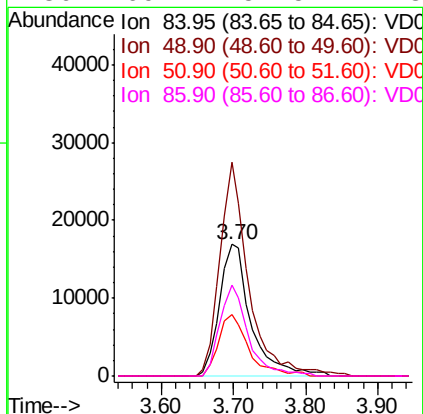
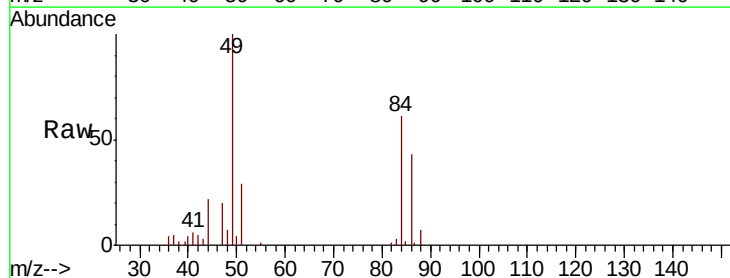
Tot Ion:168 Resp: 917195
 Ion Ratio Lower Upper
 168 100
 99 48.4 42.2 63.2

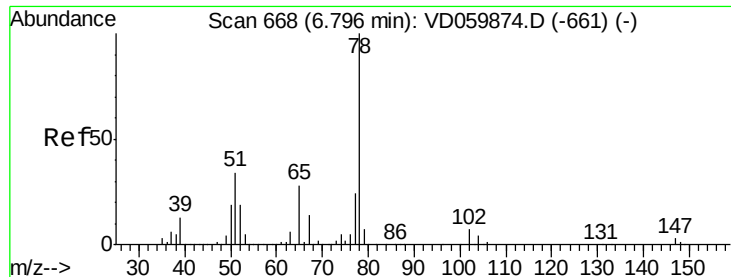


#20

Methylene Chloride
 Concen: 1.79 ug/l
 RT: 3.70 min Scan# 221
 Delta R.T. -0.02 min
 Lab File: VD059990.D
 Acq: 10 Sep 2018 13:54

Tgt Ion: 84 Resp: 50551
 Ion Ratio Lower Upper
 84 100
 49 162.7 122.6 183.8
 51 46.9 38.4 57.6
 86 69.7 51.5 77.3

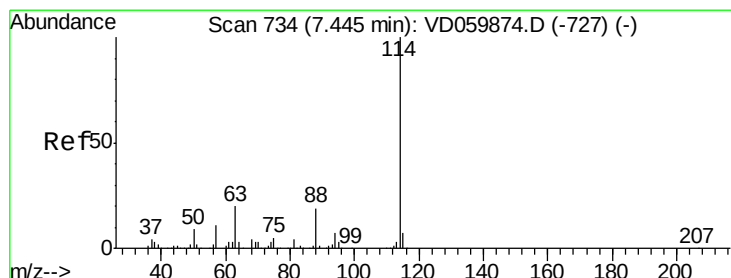
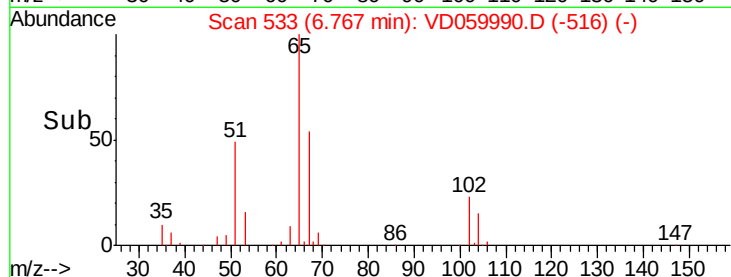
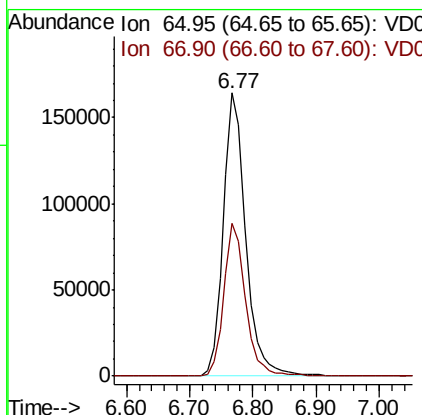
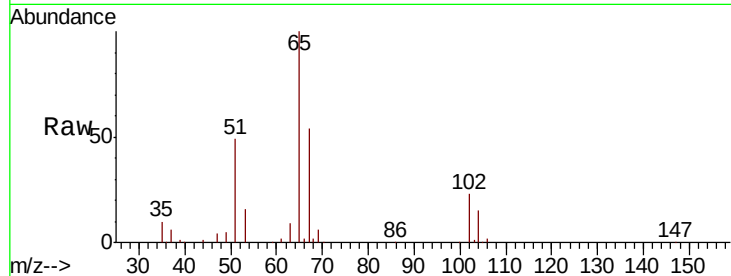




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.77 min Scan# 533
 Delta R.T. -0.03 min
 Lab File: VD059990.D
 Acq: 10 Sep 2018 13:54

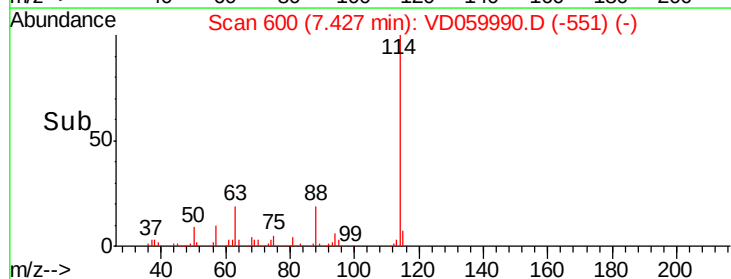
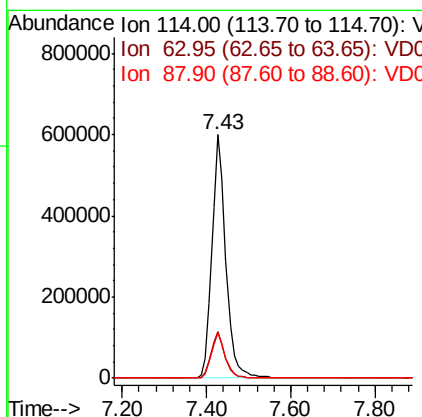
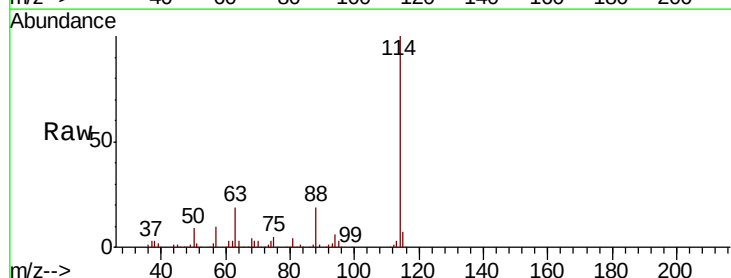
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-025-B

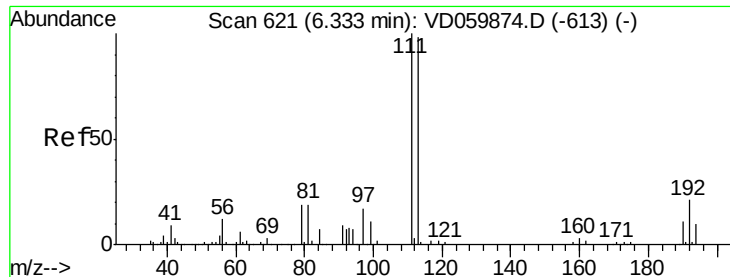
Tot Ion: 65 Resp: 406112
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.43 min Scan# 600
 Delta R.T. -0.02 min
 Lab File: VD059990.D
 Acq: 10 Sep 2018 13:54

Tgt Ion:114 Resp: 1372201
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.4
 88 18.6 0.0 37.6

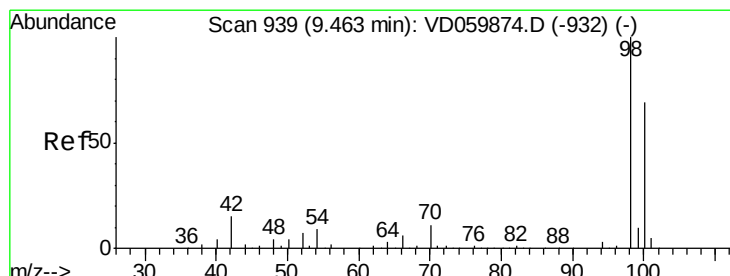
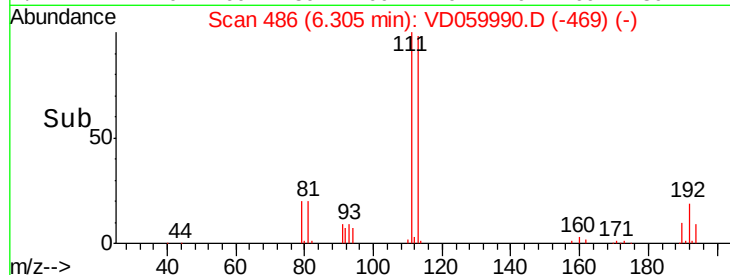
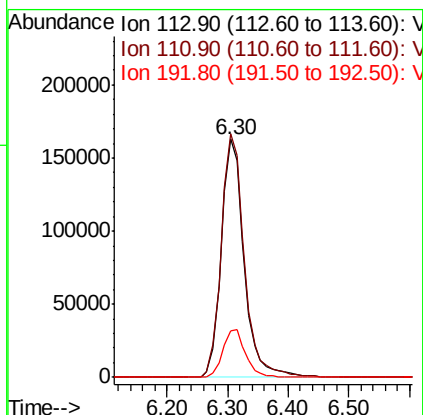
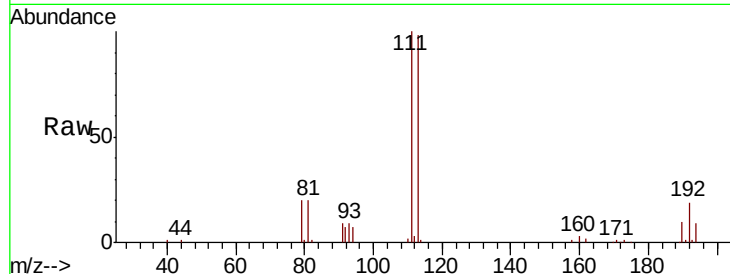




#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 6.30 min Scan# 486
 Delta R.T. -0.03 min
 Lab File: VD059990.D
 Acq: 10 Sep 2018 13:54

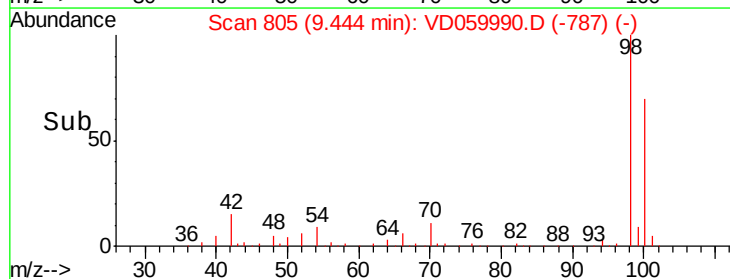
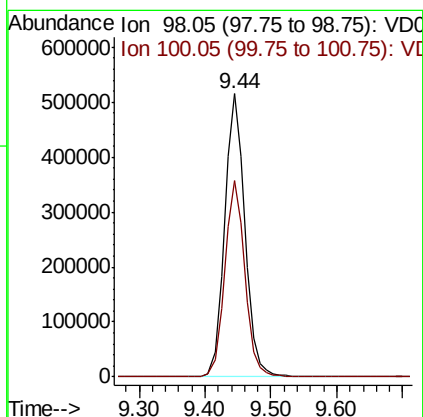
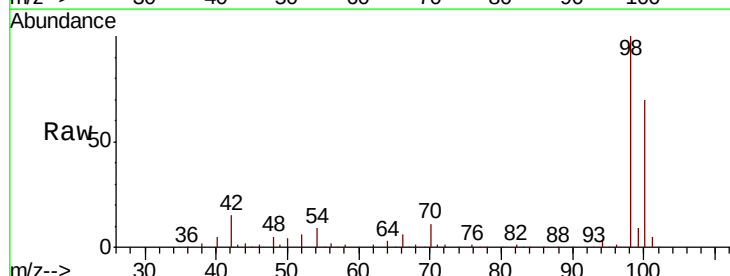
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-025-B

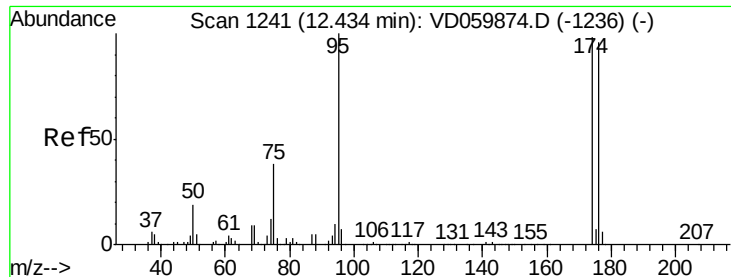
Tot Ion:113 Resp: 428233
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.4 122.2
 192 19.3 17.0 25.6



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 9.44 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: VD059990.D
 Acq: 10 Sep 2018 13:54

Tgt Ion: 98 Resp: 1110556
 Ion Ratio Lower Upper
 98 100
 100 69.6 55.8 83.6





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.42 min Scan# 1107

Delta R.T. -0.02 min

Lab File: VD059990.D

Acq: 10 Sep 2018 13:54

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-025-B

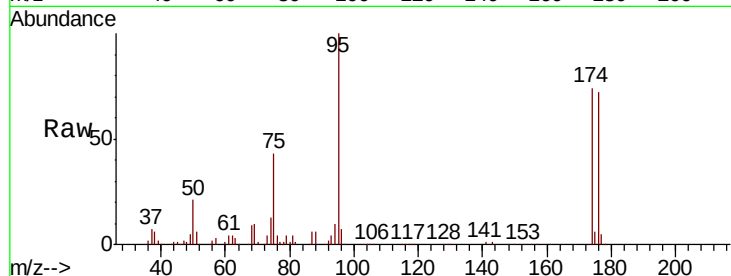
Tot Ion: 95 Resp: 474639

Ion Ratio Lower Upper

95 100

174 74.2 0.0 195.6

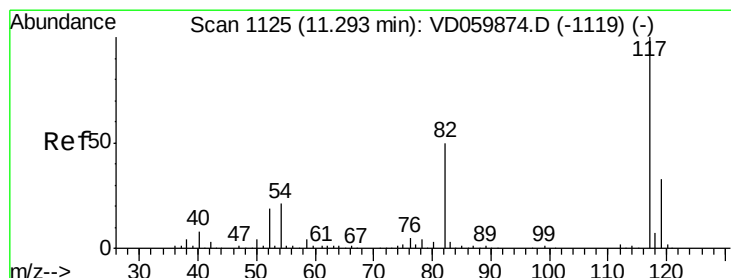
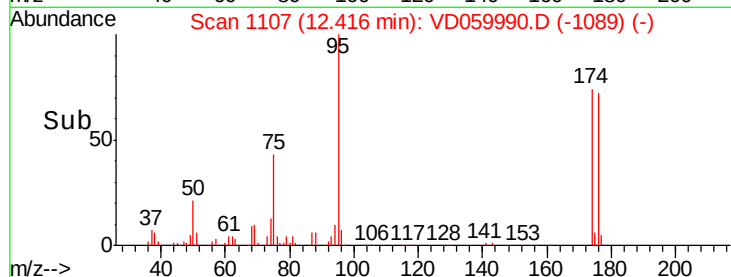
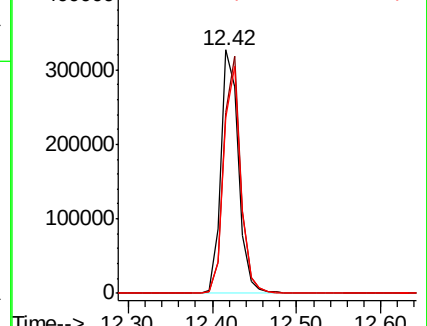
176 72.1 0.0 191.2



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.27 min Scan# 991

Delta R.T. -0.02 min

Lab File: VD059990.D

Acq: 10 Sep 2018 13:54

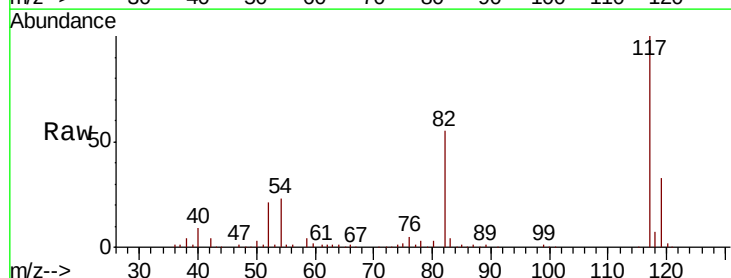
Tgt Ion: 117 Resp: 1174079

Ion Ratio Lower Upper

117 100

82 55.4 40.1 60.1

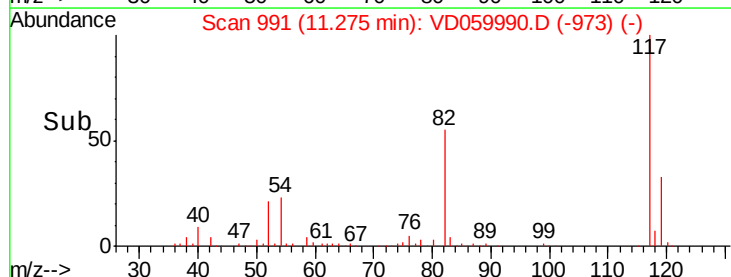
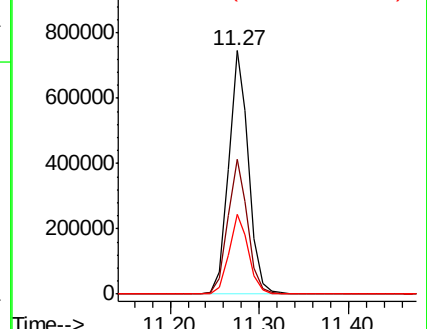
119 32.8 26.7 40.1

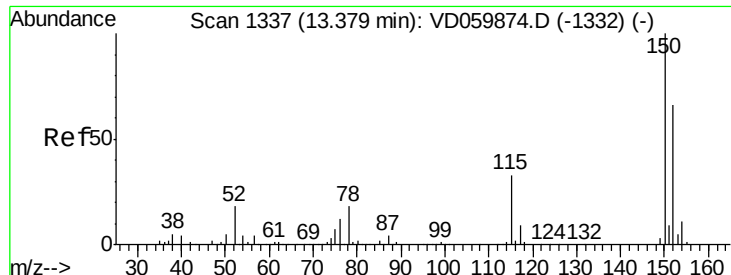


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

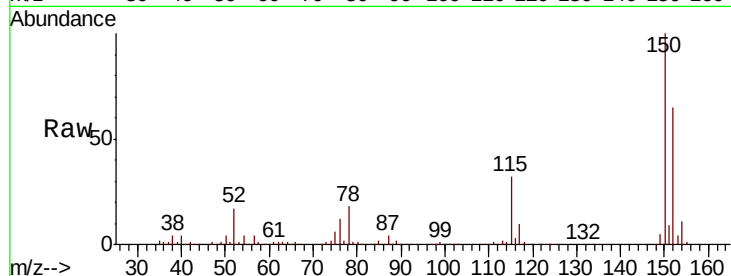




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.37 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: VD059990.D
 Acq: 10 Sep 2018 13:54

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-025-B

Tot Ion	Ratio	Lower	Upper
152	100		
115	48.3	25.7	77.0
150	152.8	0.0	310.2



Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 115.00 (114.70 to 115.70): V
 Ion 149.90 (149.60 to 150.60): V

