

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082018\
 Data File : VD059837.D
 Acq On : 20 Aug 2018 18:15
 Operator : JC/SY
 Sample : J4501-02RE
 Misc : 5.05g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081318-FL-017RE

Quant Time: Aug 21 05:30:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 21 04:40:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.60	168	362435	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.64	114	577045	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.66	117	496797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	230220	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.97	65	238724	82.30	ug/l	0.00
Spiked Amount			Recovery	=	164.60%	
35) Dibromofluoromethane	5.50	113	251990	59.04	ug/l	0.00
Spiked Amount			Recovery	=	118.08%	
50) Toluene-d8	8.67	98	592230	51.46	ug/l	0.00
Spiked Amount			Recovery	=	102.92%	
62) 4-Bromofluorobenzene	11.91	95	236422	53.53	ug/l	0.00
Spiked Amount			Recovery	=	107.06%	

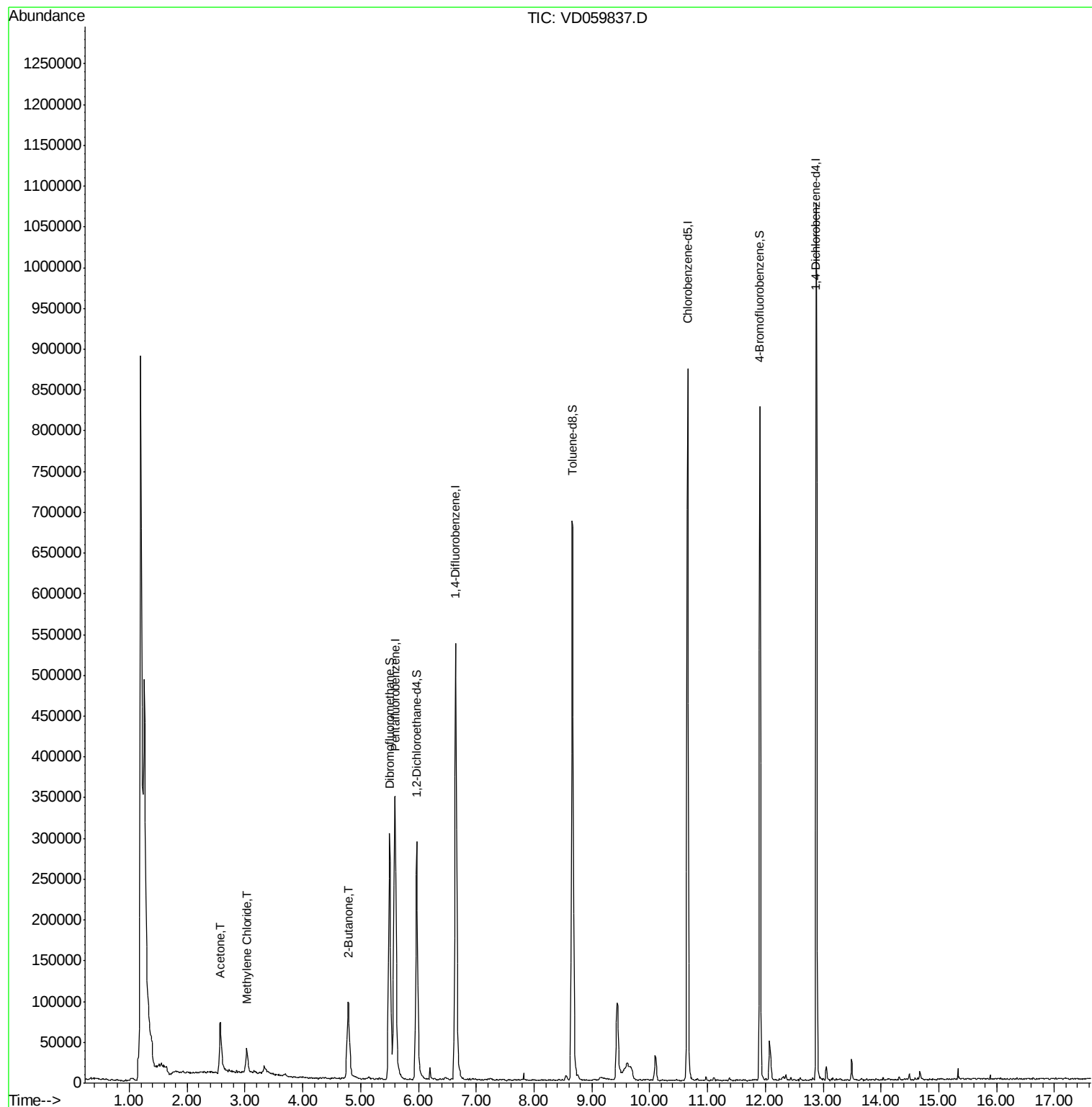
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.58	43	122864	252.72	ug/l	98
20) Methylene Chloride	3.03	84	13234	2.64	ug/l	92
25) 2-Butanone	4.78	43	79876	54.35	ug/l	97

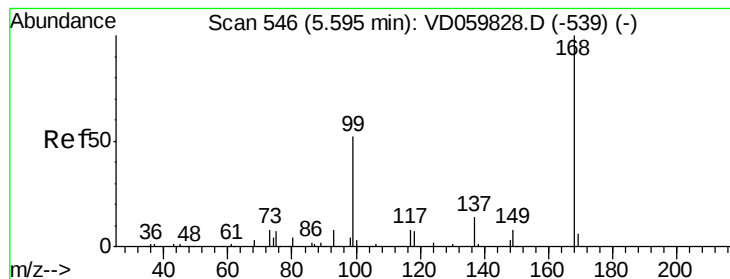
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082018\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.60 min Scan# 546

Delta R.T. 0.00 min

Lab File: VD059837.D

Acq: 20 Aug 2018 18:15

Instrument :

MSVOA_D

ClientSampleId :

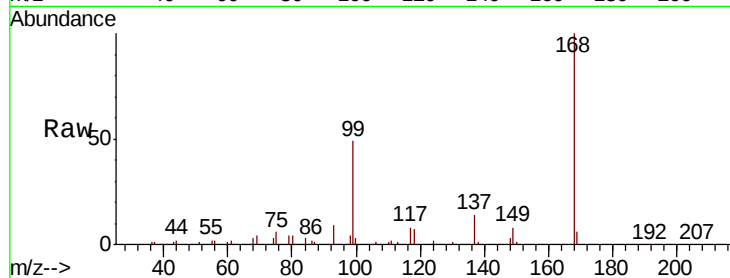
RA-081318-FL-017RE

Tot Ion:168 Resp: 362435

Ion Ratio Lower Upper

168 100

99 49.3 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.60

150000

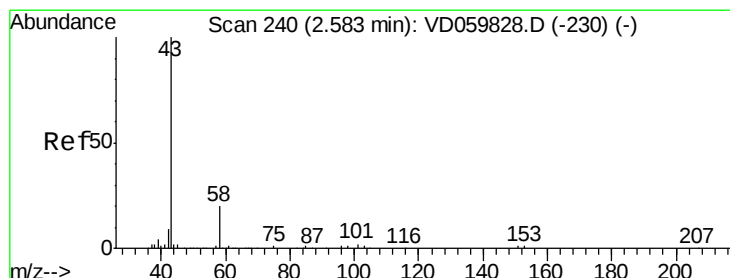
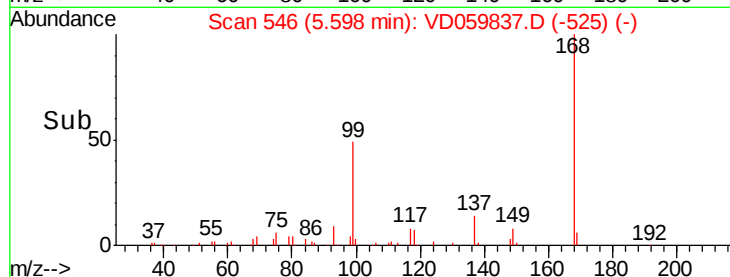
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 252.72 ug/l

RT: 2.58 min Scan# 239

Delta R.T. -0.01 min

Lab File: VD059837.D

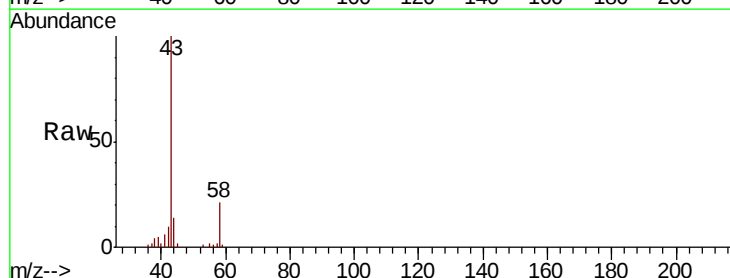
Acq: 20 Aug 2018 18:15

Tgt Ion: 43 Resp: 122864

Ion Ratio Lower Upper

43 100

58 21.2 16.2 24.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

50000

40000

30000

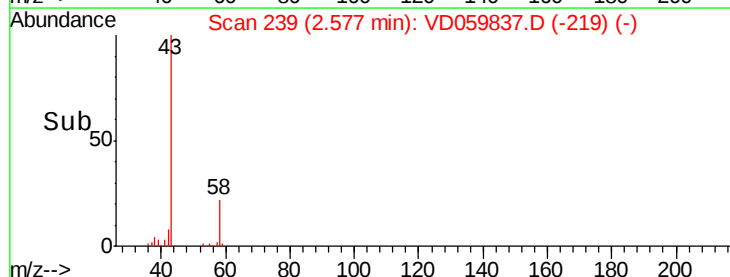
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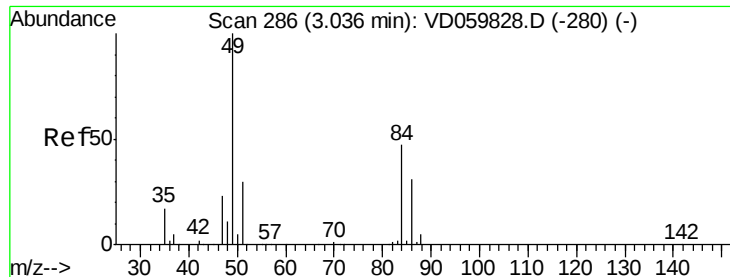
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Time-->

2.40 2.50 2.60 2.70 2.80

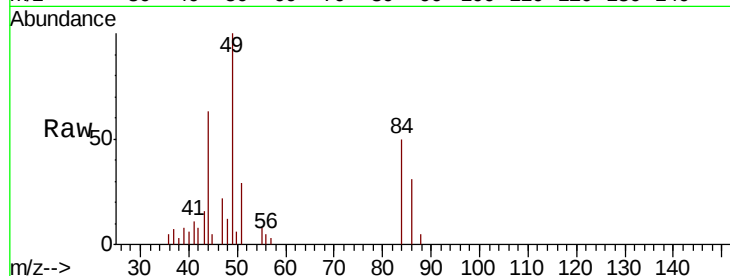




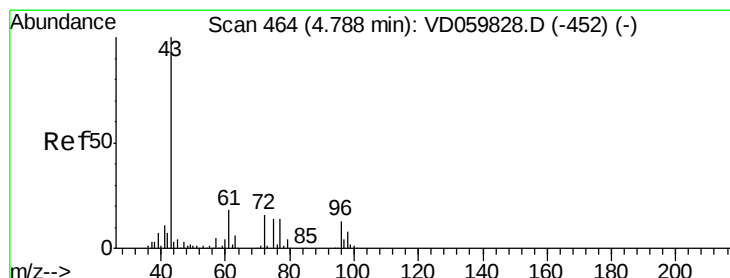
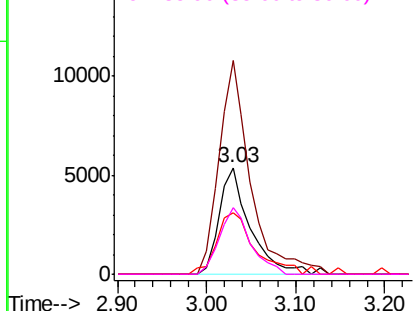
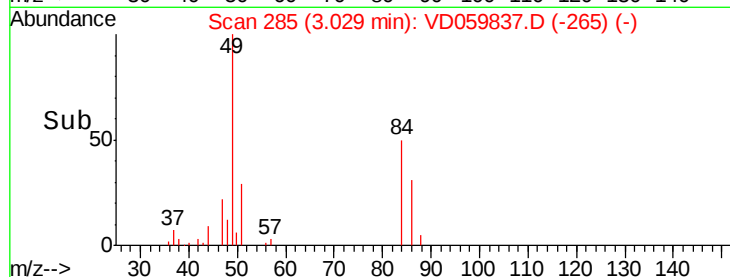
#20
Methylene Chloride
Concen: 2.64 ug/l
RT: 3.03 min Scan# 285
Delta R.T. -0.01 min
Lab File: VD059837.D
Acq: 20 Aug 2018 18:15

Instrument :
MSVOA_D
ClientSampleId :
RA-081318-FL-017RE

Tot Ion: 84 Resp: 13234
Ion Ratio Lower Upper
84 100
49 200.0 170.4 255.6
51 57.3 51.4 77.0
86 62.3 52.4 78.6

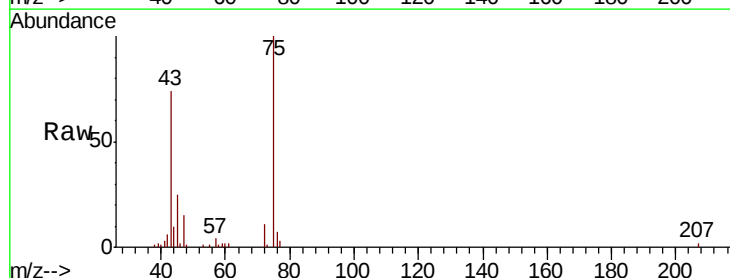


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

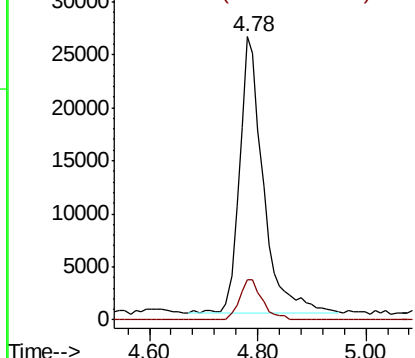
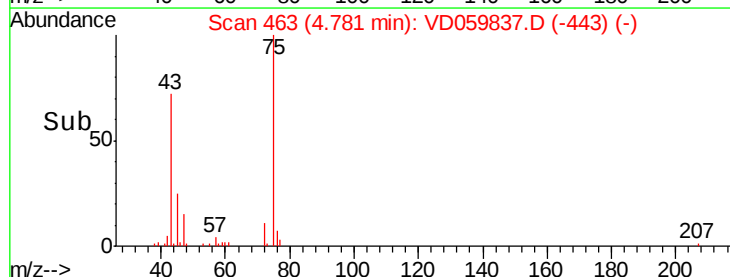


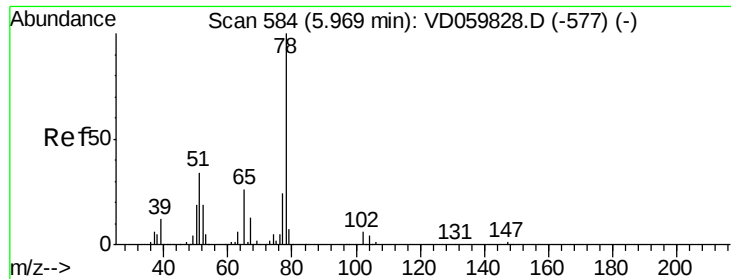
#25
2-Butanone
Concen: 54.35 ug/l
RT: 4.78 min Scan# 463
Delta R.T. -0.01 min
Lab File: VD059837.D
Acq: 20 Aug 2018 18:15

Tgt Ion: 43 Resp: 79876
Ion Ratio Lower Upper
43 100
72 14.3 12.4 18.6



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC

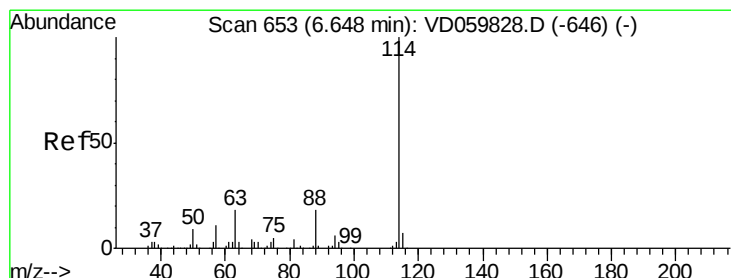
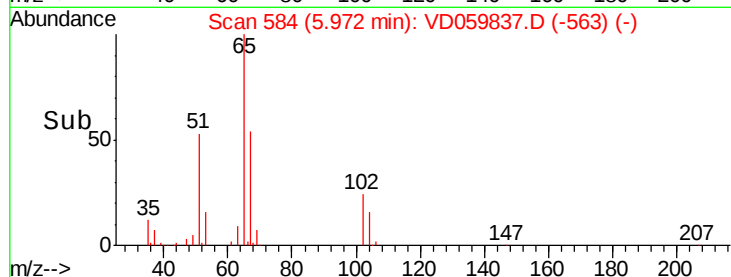
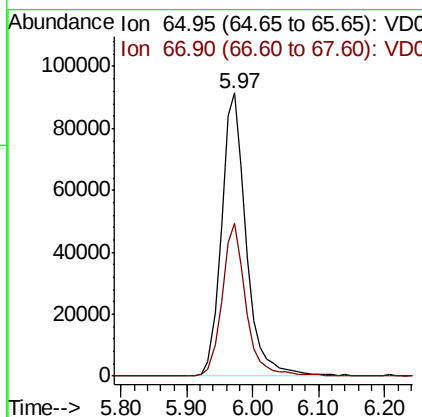
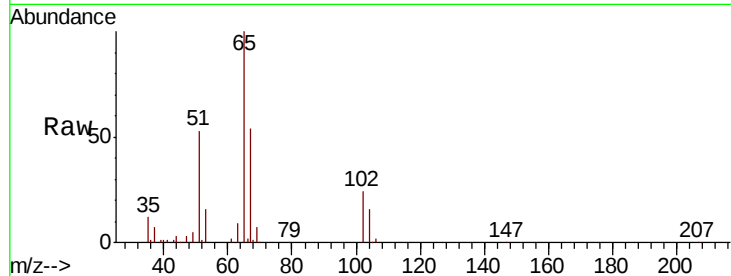




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 5.97 min Scan# 584
 Delta R.T. 0.00 min
 Lab File: VD059837.D
 Acq: 20 Aug 2018 18:15

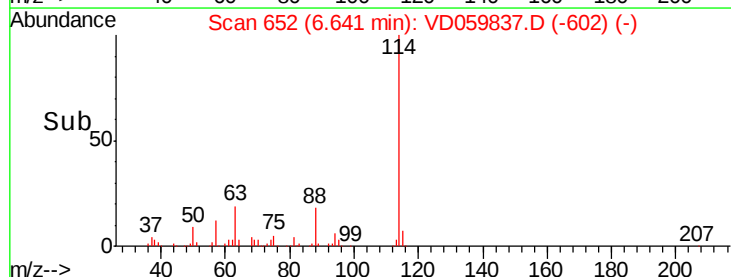
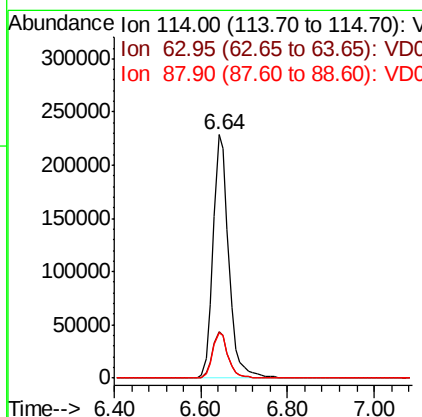
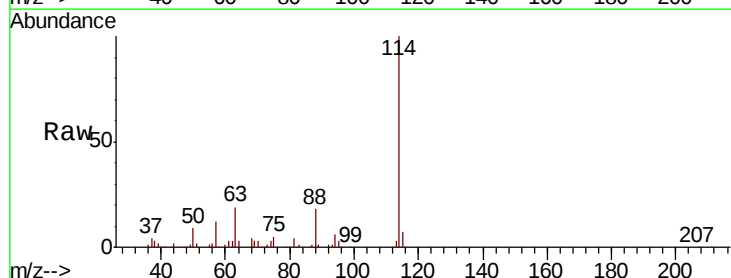
Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081318-FL-017RE

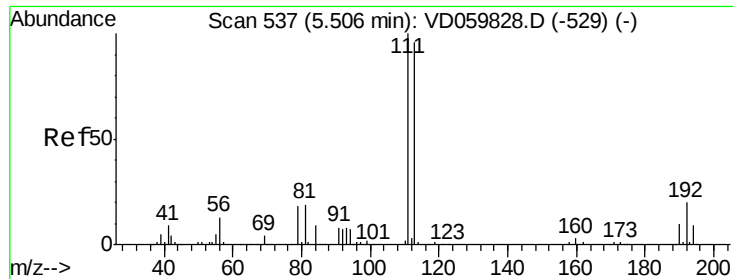
Tot Ion: 65 Resp: 238724
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.64 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: VD059837.D
 Acq: 20 Aug 2018 18:15

Tgt Ion: 114 Resp: 577045
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 37.0
 88 18.4 0.0 37.0

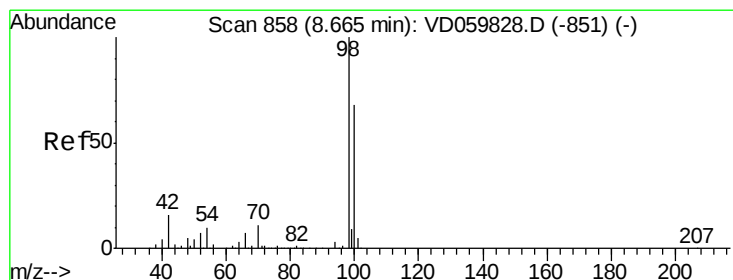
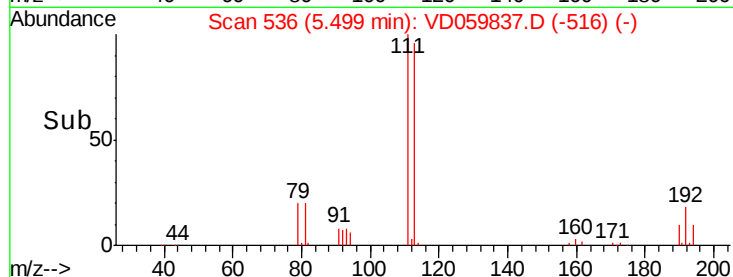
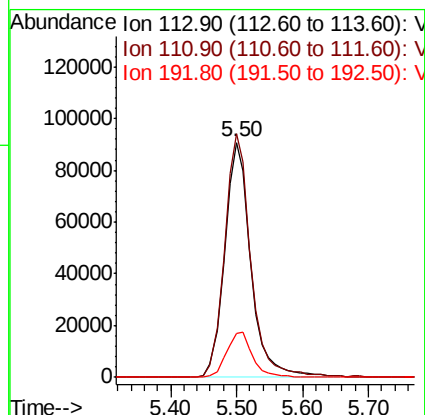
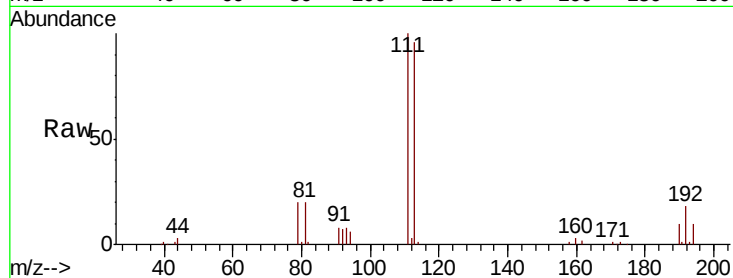




#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.50 min Scan# 536
 Delta R.T. -0.01 min
 Lab File: VD059837.D
 Acq: 20 Aug 2018 18:15

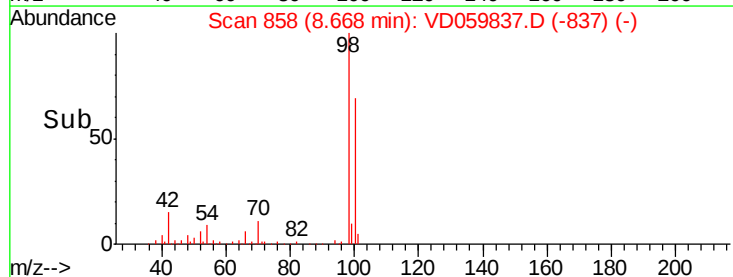
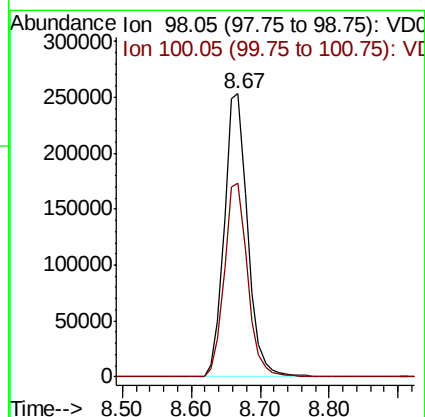
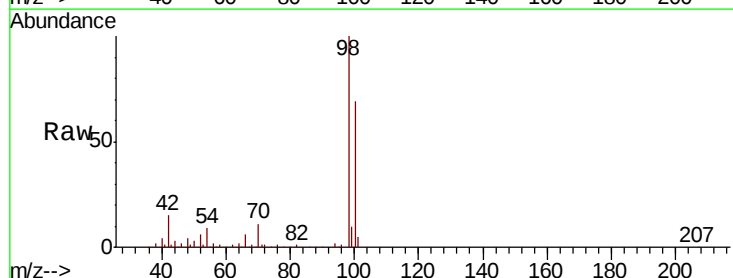
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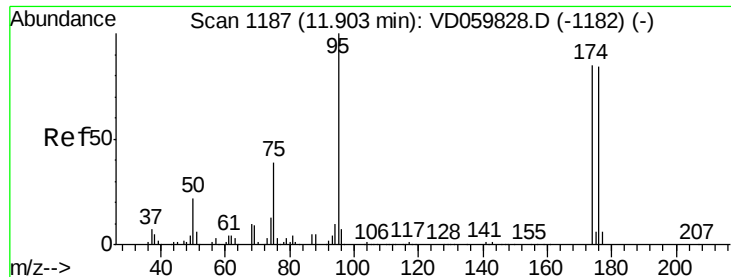
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.3	124.9
192	18.5	16.8	25.2



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 8.67 min Scan# 858
 Delta R.T. 0.00 min
 Lab File: VD059837.D
 Acq: 20 Aug 2018 18:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	68.6	55.0	82.4

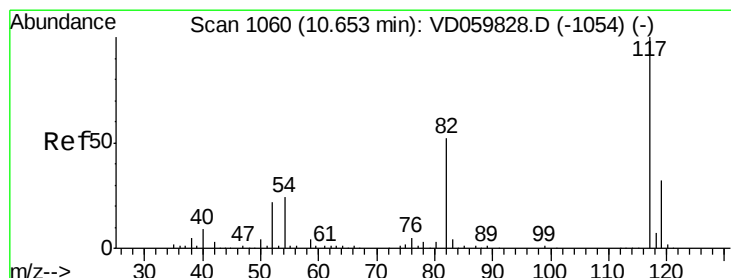
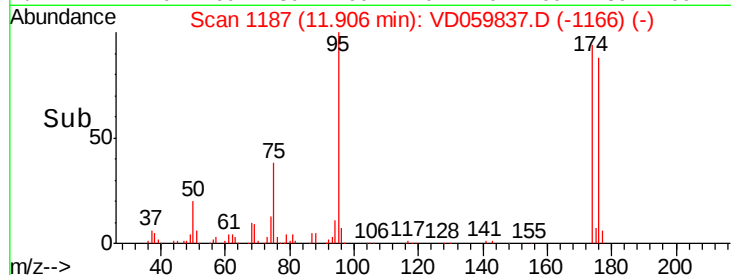
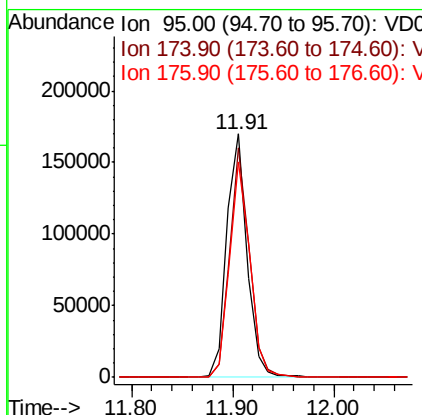
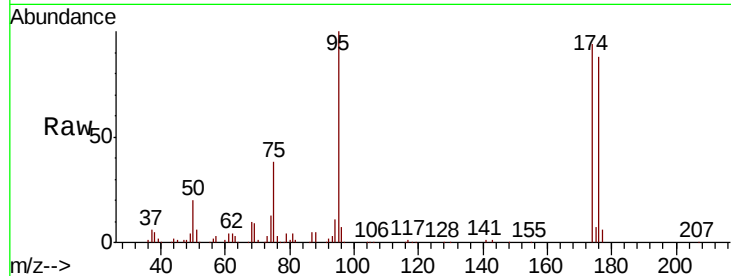




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.91 min Scan# 1187
Delta R.T. 0.00 min
Lab File: VD059837.D
Acq: 20 Aug 2018 18:15

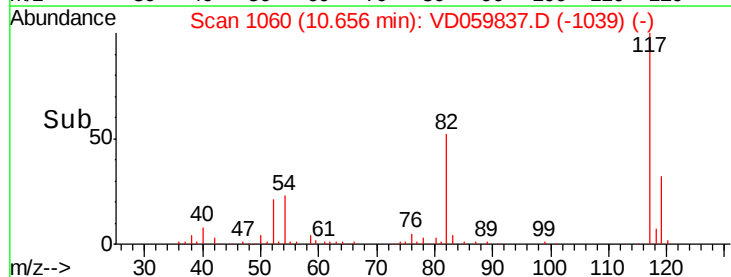
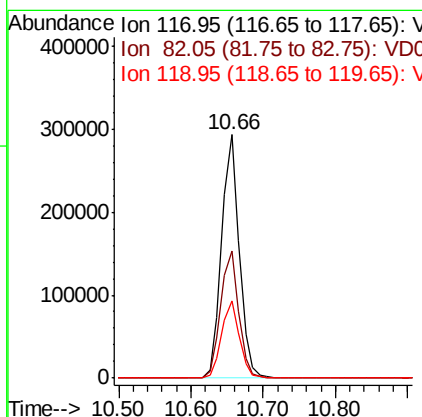
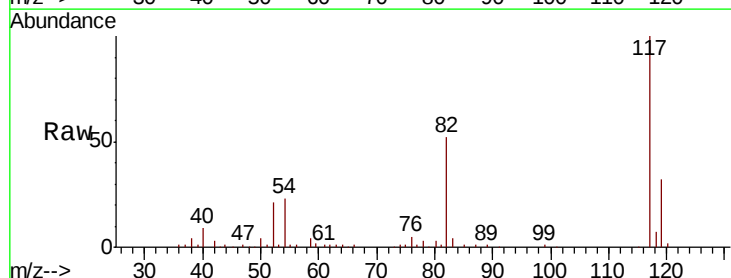
Instrument :
MSVOA_D
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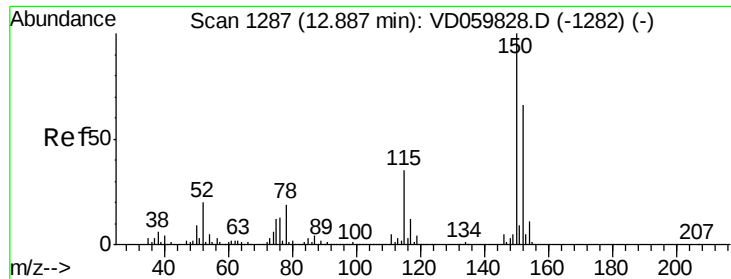
Tot Ion: 95 Resp: 236422
Ion Ratio Lower Upper
95 100
174 94.1 0.0 169.2
176 88.4 0.0 168.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.66 min Scan# 1060
Delta R.T. 0.00 min
Lab File: VD059837.D
Acq: 20 Aug 2018 18:15

Tgt Ion: 117 Resp: 496797
Ion Ratio Lower Upper
117 100
82 52.3 41.6 62.4
119 31.6 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.88 min Scan# 1286

Delta R.T. -0.01 min

Lab File: VD059837.D

Acq: 20 Aug 2018 18:15

Instrument :

MSVOA_D

ClientSampleId :

RA-081318-FL-017RE

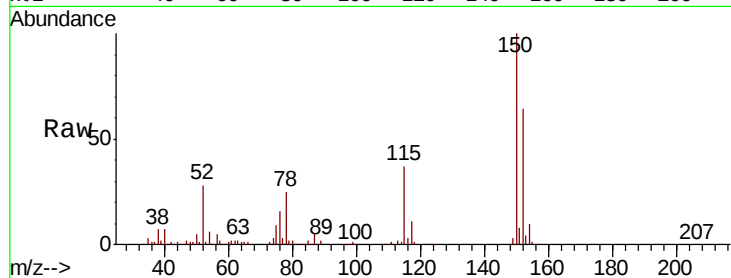
Tot Ion:152 Resp: 230220

Ion Ratio Lower Upper

152 100

115 58.6 26.9 80.6

150 156.5 0.0 306.8



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

