

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111218\
 Data File : VD060350.D
 Acq On : 12 Nov 2018 21:12
 Operator : JC/SY
 Sample : J5908-19
 Misc : 4.23g/5ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SR-8

Quant Time: Nov 13 02:49:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 06 13:56:04 2018
 Response via : Initial Calibration

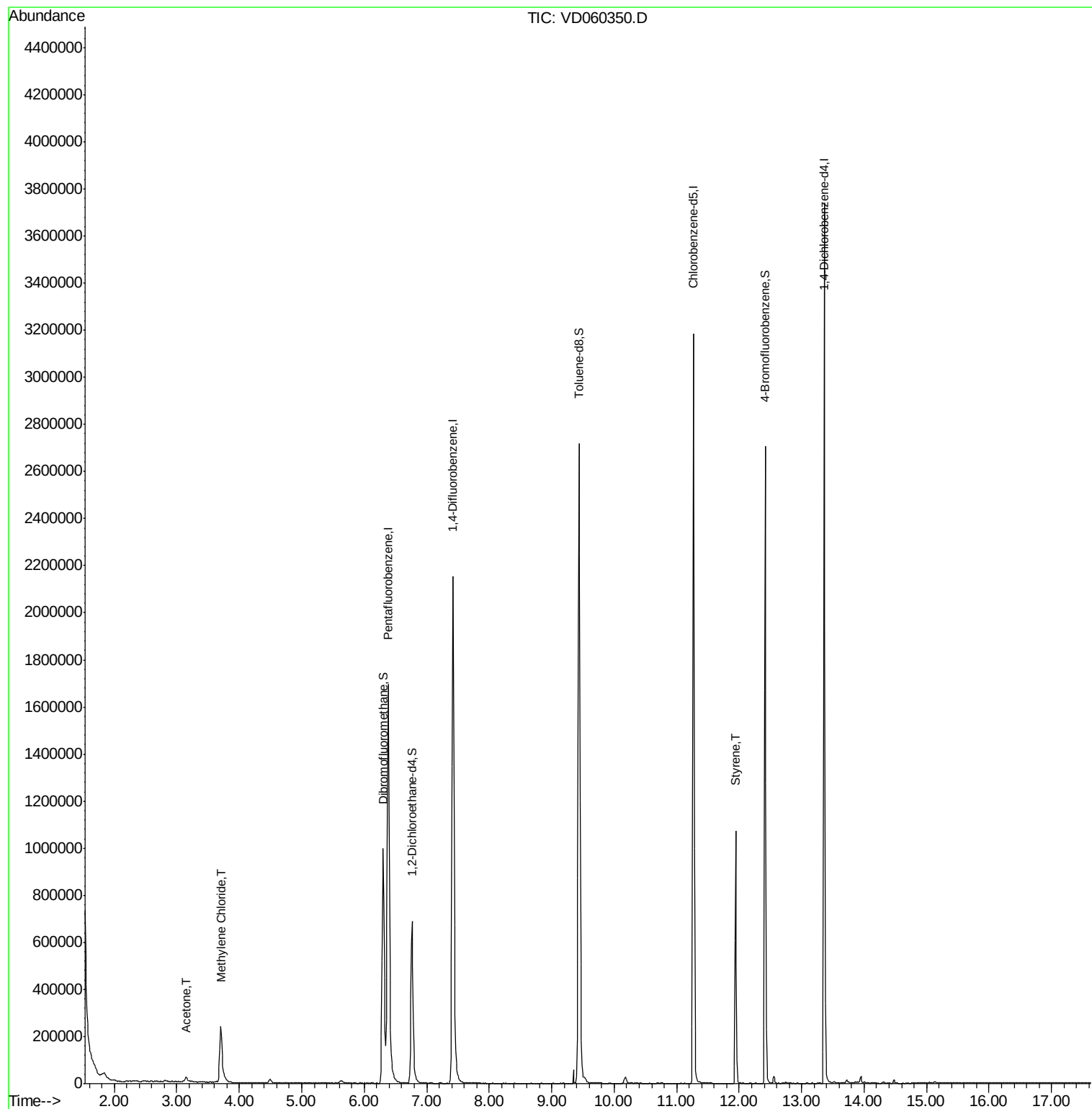
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.38	168	1666123	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.43	114	2353869	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.26	117	1768715	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	13.36	152	823759	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	574155	48.13	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	96.26%	
35) Dibromofluoromethane	6.30	113	791109	45.07	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	90.14%	
50) Toluene-d8	9.43	98	2182354	42.48	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	84.96%	
62) 4-Bromofluorobenzene	12.42	95	732283	39.34	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	78.68%	
Target Compounds						
16) Acetone	3.15	43	46626	22.532	ug/l	95
20) Methylene Chloride	3.71	84	162835	8.871	ug/l	99
70) Styrene	11.94	104	410013	10.859	ug/l	97

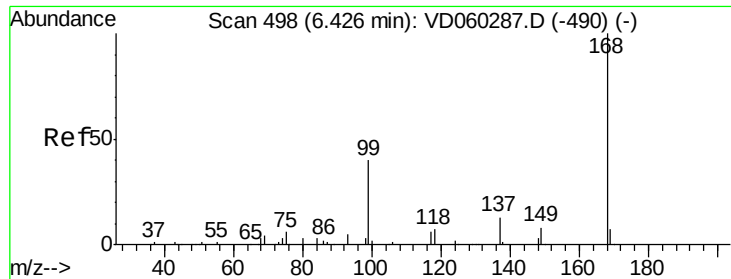
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.38 min Scan# 494

Delta R.T. -0.04 min

Lab File: VD060350.D

Acq: 12 Nov 2018 21:12

Instrument :

MSVOA_D

ClientSampled :

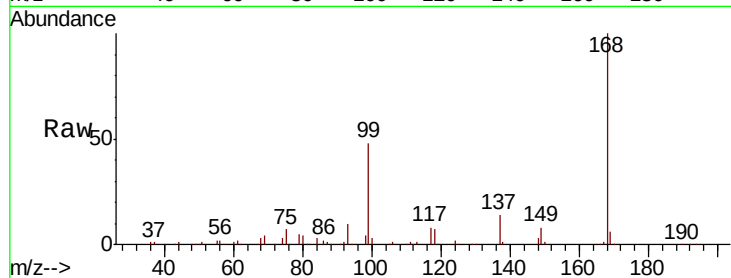
SR-8

Tot Ion:168 Resp: 1666123

Ion Ratio Lower Upper

168 100

99 47.6 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.38

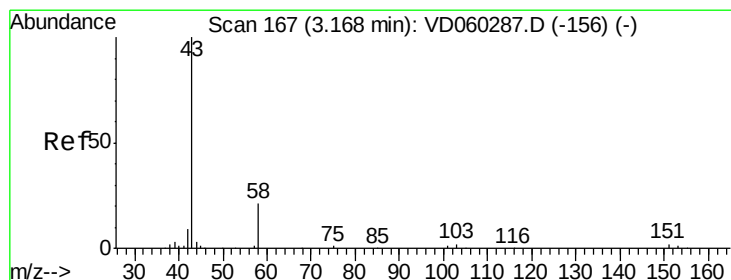
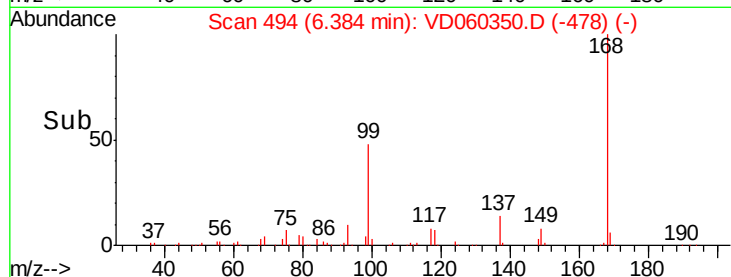
600000

400000

200000

0

Time--> 6.20 6.40 6.60



#16

Acetone

Concen: 22.532 ug/l

RT: 3.15 min Scan# 165

Delta R.T. -0.02 min

Lab File: VD060350.D

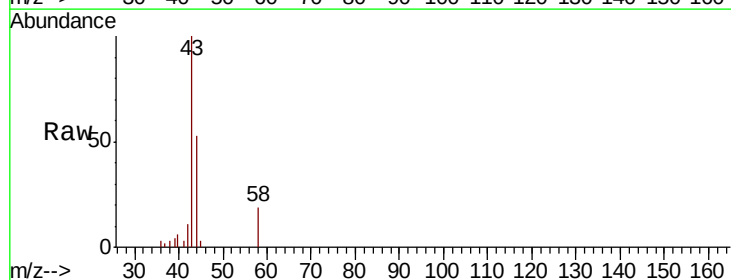
Acq: 12 Nov 2018 21:12

Tgt Ion: 43 Resp: 46626

Ion Ratio Lower Upper

43 100

58 18.9 16.9 25.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

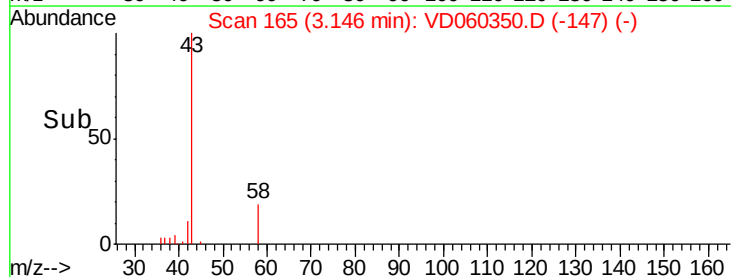
15000

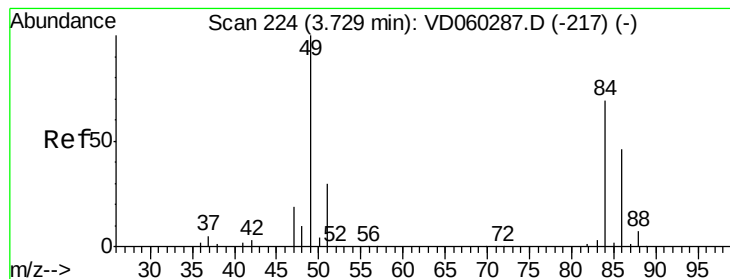
10000

5000

0

Time--> 3.00 3.10 3.20 3.30





#20

Methylene Chloride

Concen: 8.871 ug/l

RT: 3.71 min Scan# 222

Delta R.T. -0.02 min

Lab File: VD060350.D

Acq: 12 Nov 2018 21:12

Instrument :

MSVOA_D

ClientSampled :

SR-8

Tot Ion: 84 Resp: 162835

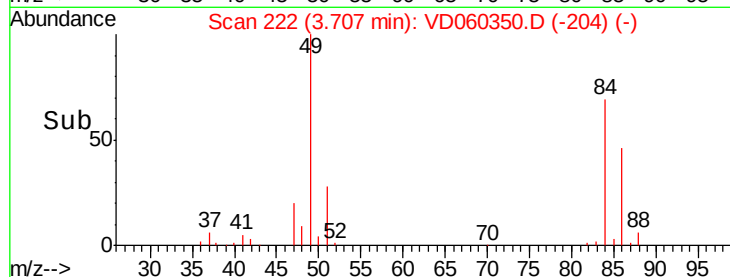
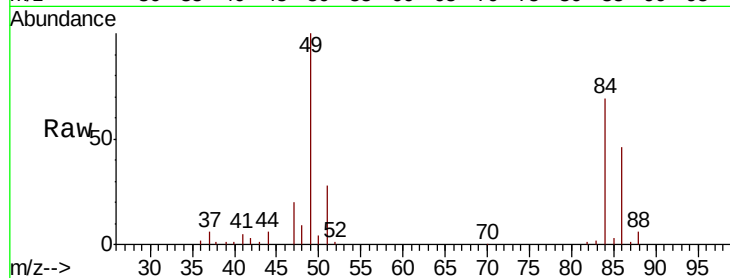
Ion Ratio Lower Upper

84 100

49 144.4 115.6 173.4

51 41.1 35.6 53.4

86 66.4 52.3 78.5

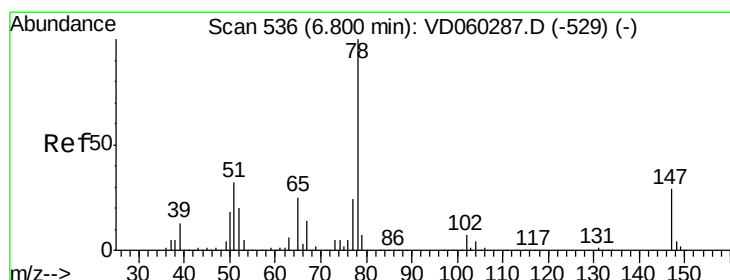
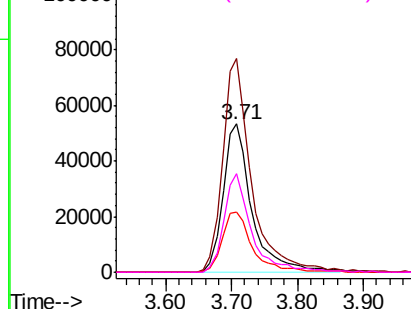


Abundance Ion 83.95 (83.65 to 84.65): VDC

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



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.77 min Scan# 533

Delta R.T. -0.03 min

Lab File: VD060350.D

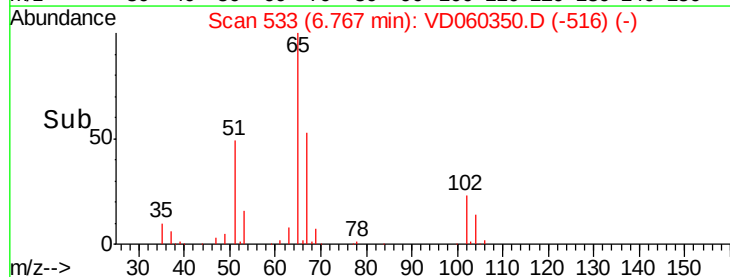
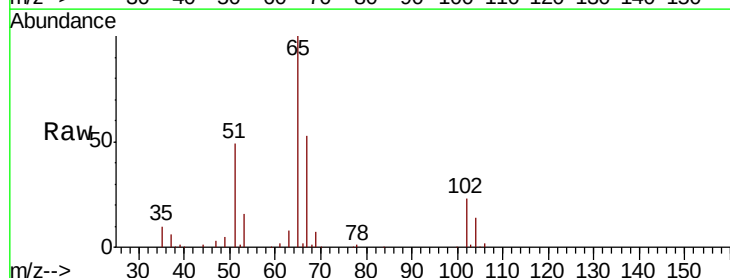
Acq: 12 Nov 2018 21:12

Tgt Ion: 65 Resp: 574155

Ion Ratio Lower Upper

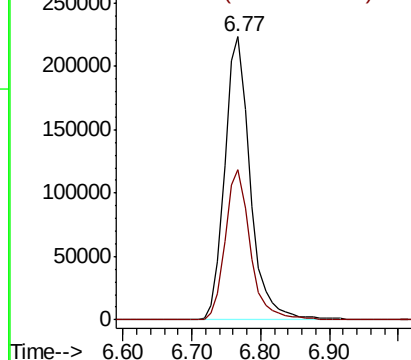
65 100

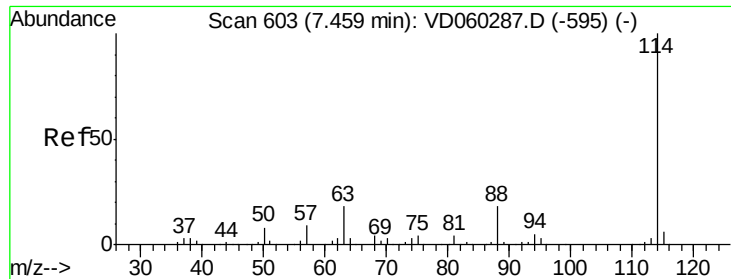
67 53.1 0.0 109.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

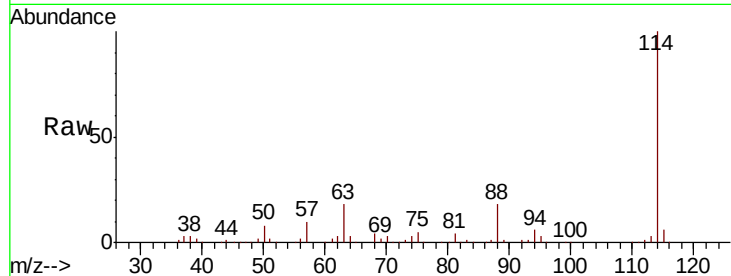




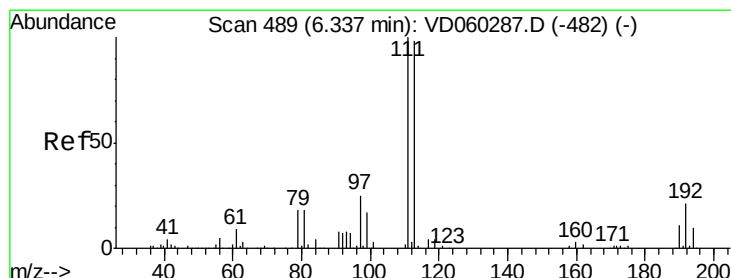
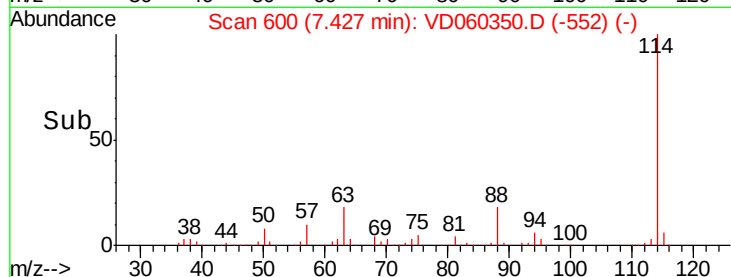
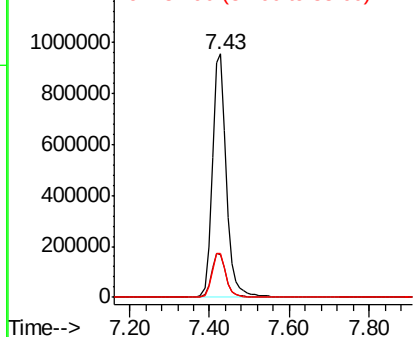
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.43 min Scan# 600
Delta R.T. -0.03 min
Lab File: VD060350.D
Acq: 12 Nov 2018 21:12

Instrument :
MSVOA_D
ClientSampleId :
SR-8

Tot Ion:114 Resp: 2353869
Ion Ratio Lower Upper
114 100
63 17.5 0.0 34.0
88 18.2 0.0 35.4

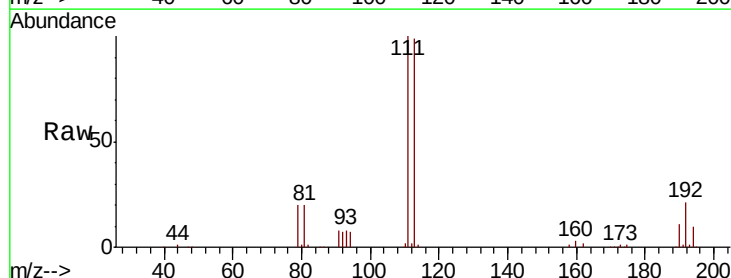


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 62.95 (62.65 to 63.65): V
Ion 87.90 (87.60 to 88.60): V

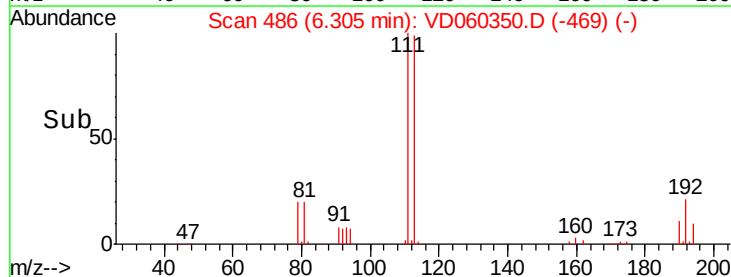
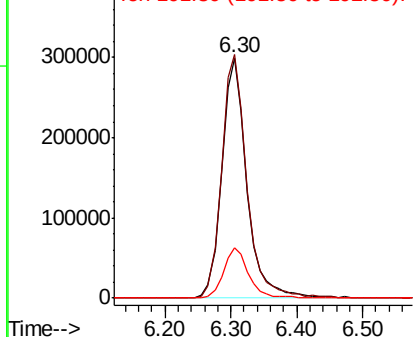


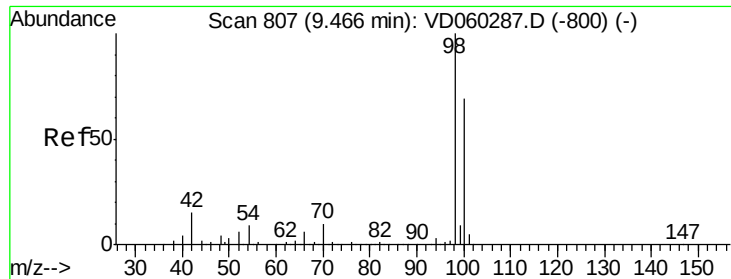
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.30 min Scan# 486
Delta R.T. -0.03 min
Lab File: VD060350.D
Acq: 12 Nov 2018 21:12

Tgt Ion:113 Resp: 791109
Ion Ratio Lower Upper
113 100
111 101.3 81.6 122.4
192 20.9 16.5 24.7



Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

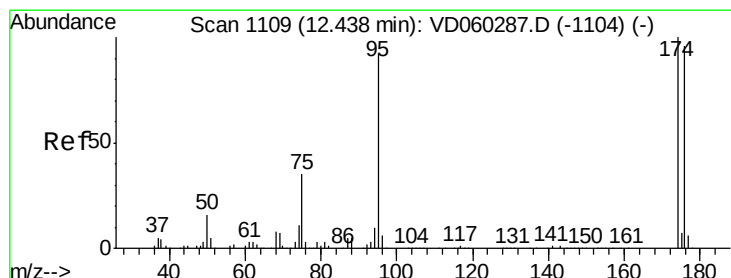
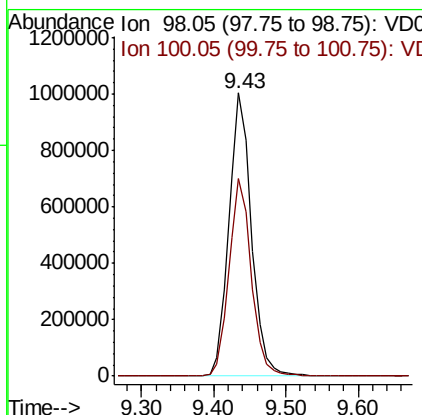
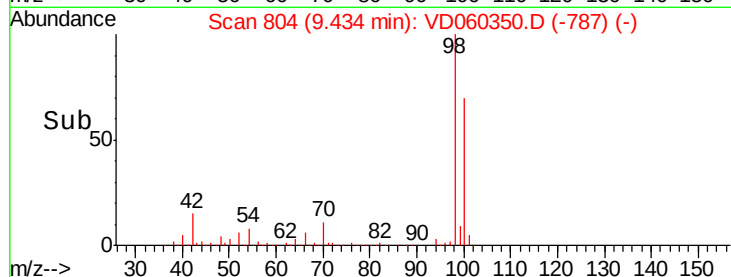
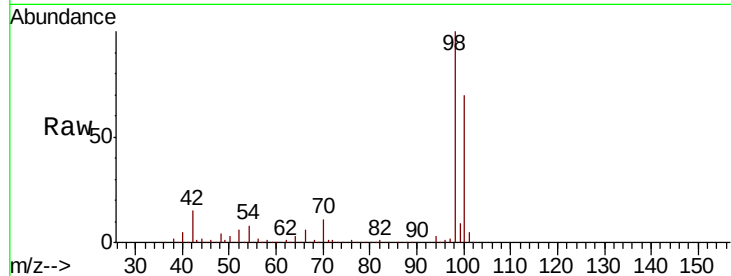




#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.43 min Scan# 804
Delta R.T. -0.03 min
Lab File: VD060350.D
Acq: 12 Nov 2018 21:12

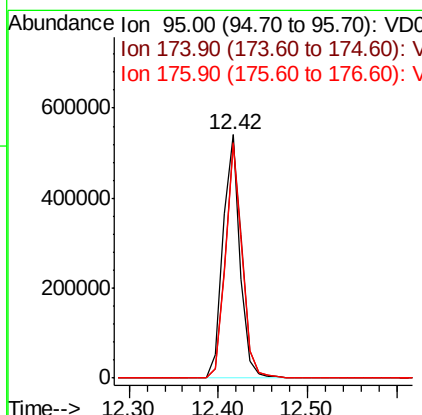
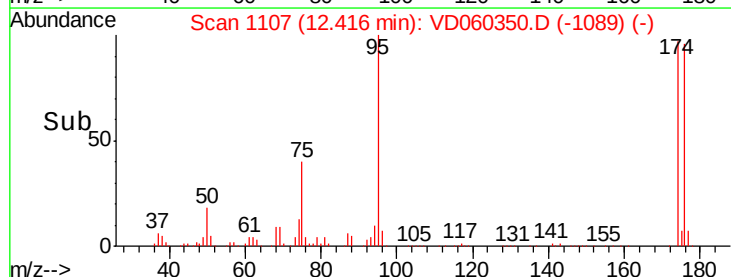
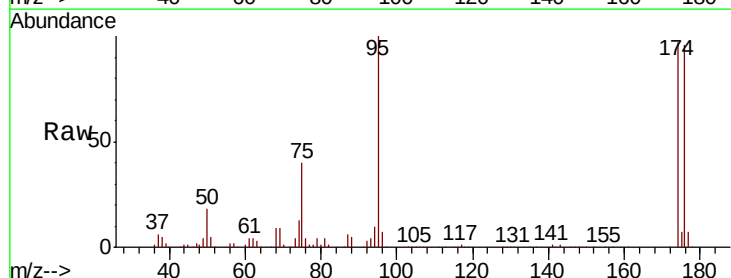
Instrument :
MSVOA_D
ClientSampleId :
SR-8

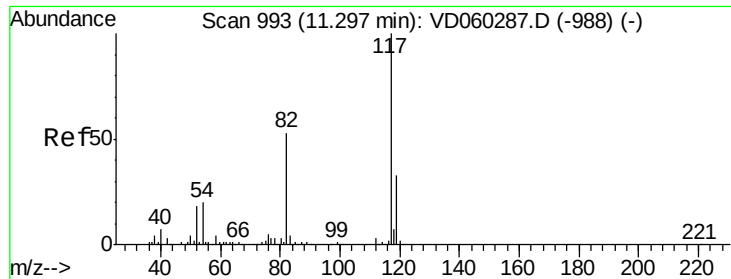
Tot Ion: 98 Resp: 2182354
Ion Ratio Lower Upper
98 100
100 70.0 55.2 82.8



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1107
Delta R.T. -0.02 min
Lab File: VD060350.D
Acq: 12 Nov 2018 21:12

Tgt Ion: 95 Resp: 732283
Ion Ratio Lower Upper
95 100
174 97.1 0.0 160.8
176 96.3 0.0 154.6

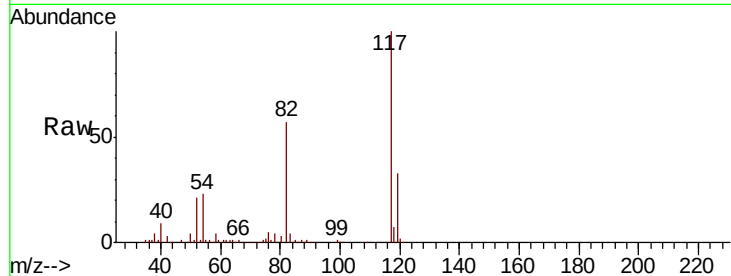




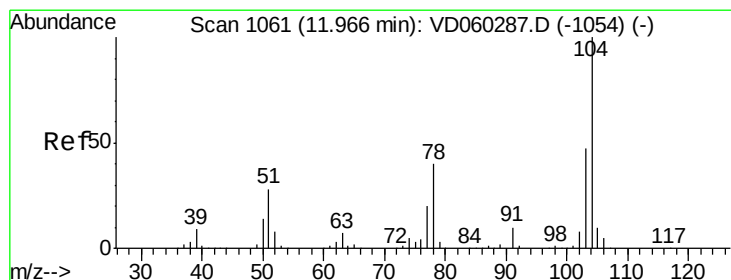
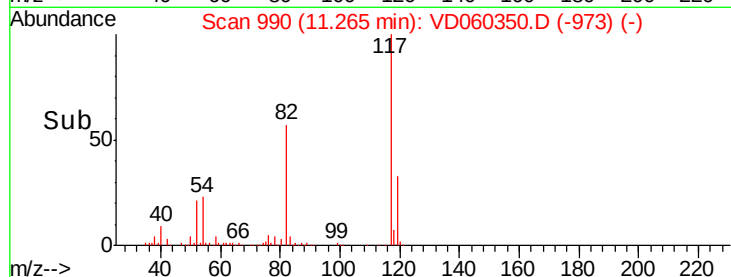
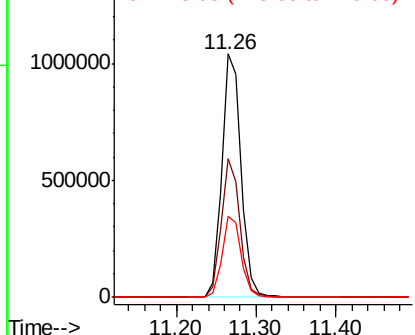
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.26 min Scan# 990
Delta R.T. -0.03 min
Lab File: VD060350.D
Acq: 12 Nov 2018 21:12

Instrument :
MSVOA_D
ClientSampled :
SR-8

Tot Ion:117 Resp: 1768715
Ion Ratio Lower Upper
117 100
82 57.0 43.7 65.5
119 33.1 26.1 39.1

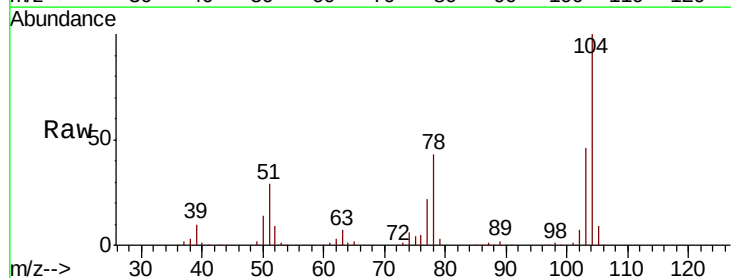


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

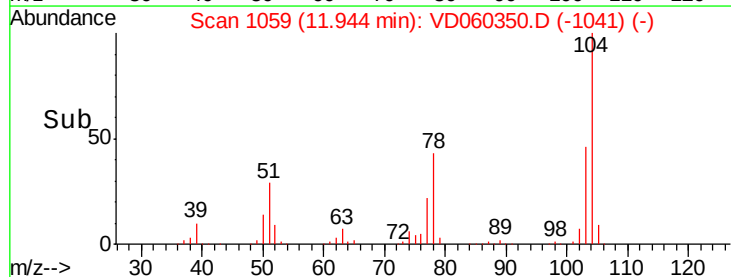
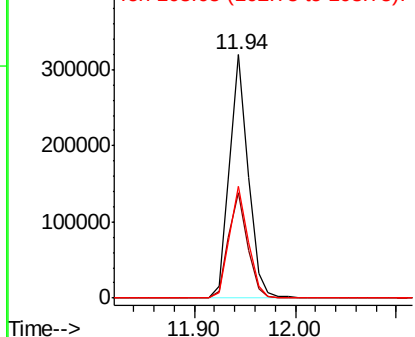


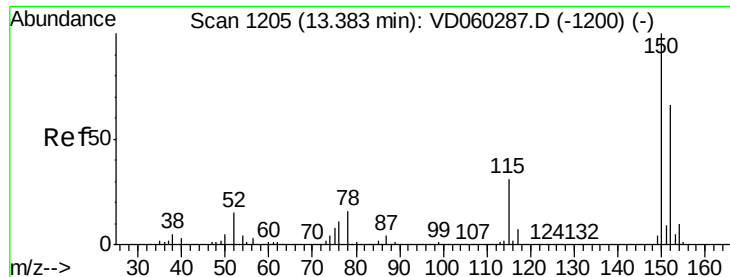
#70
Styrene
Concen: 10.859 ug/l
RT: 11.94 min Scan# 1059
Delta R.T. -0.02 min
Lab File: VD060350.D
Acq: 12 Nov 2018 21:12

Tgt Ion:104 Resp: 410013
Ion Ratio Lower Upper
104 100
78 43.5 31.6 47.4
103 45.7 37.0 55.6



Abundance Ion 104.05 (103.75 to 104.75): V
Ion 77.95 (77.65 to 78.65): V
Ion 103.05 (102.75 to 103.75): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.36 min Scan# 1203

Delta R.T. -0.02 min

Lab File: VD060350.D

Acq: 12 Nov 2018 21:12

Instrument :

MSVOA_D

ClientSampleId :

SR-8

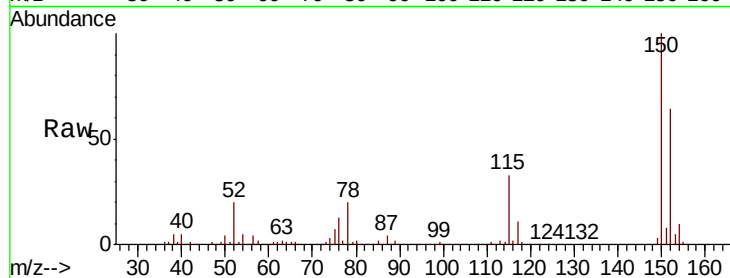
Tot Ion:152 Resp: 823759

Ion Ratio Lower Upper

152 100

115 50.8 24.1 72.3

150 156.0 0.0 310.6



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

