

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110918\
 Data File : VD060321.D
 Acq On : 9 Nov 2018 19:27
 Operator : VA/AP
 Sample : J5884-11RE
 Misc : 5.65g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-8A-SRE

Quant Time: Nov 12 03:31:35 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

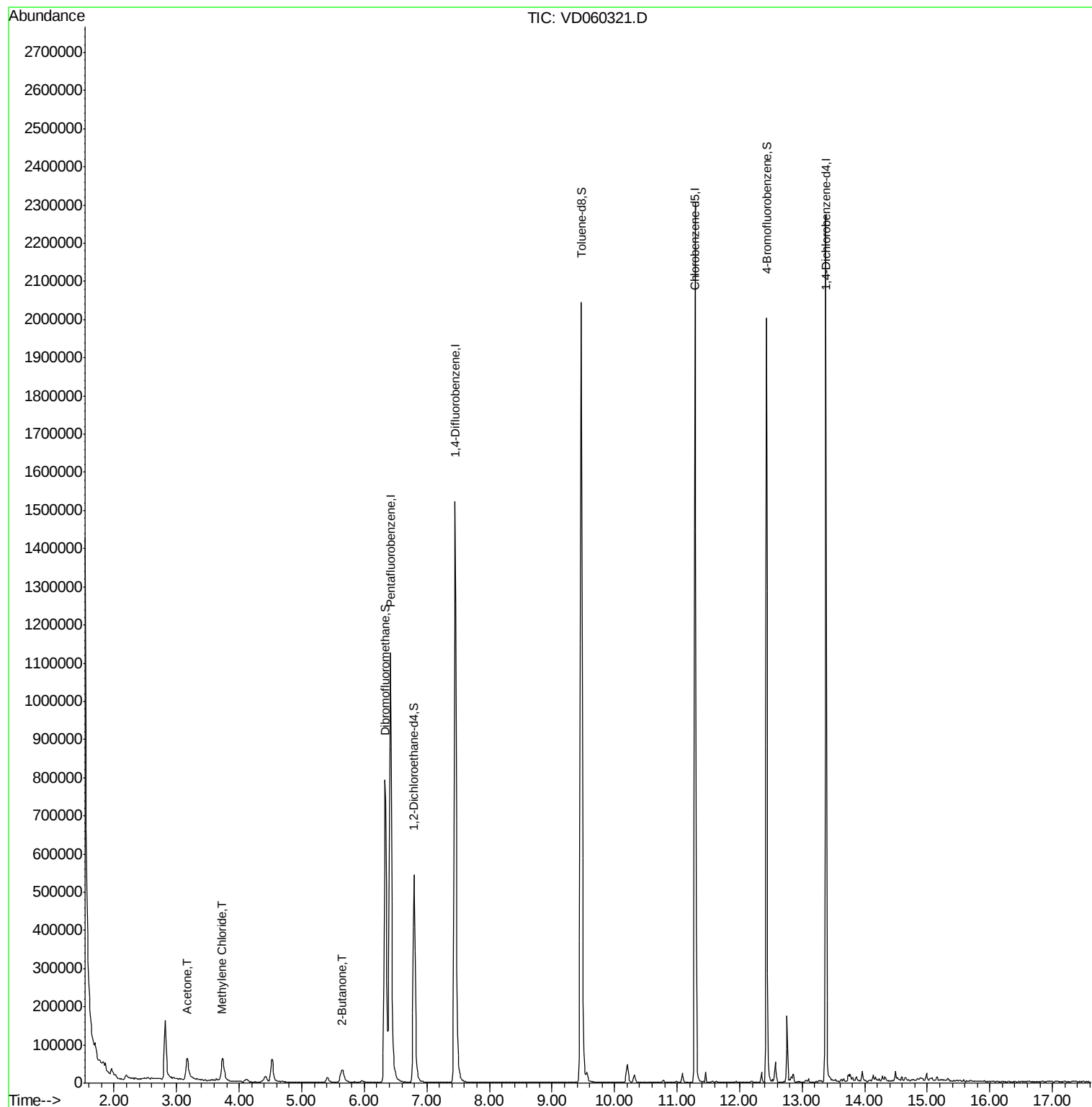
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1095398	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.45	114	1557990	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1199006	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	485877	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	470212	59.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.90%	
35) Dibromofluoromethane	6.33	113	623444	53.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.32%	
50) Toluene-d8	9.47	98	1716430	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.96%	
62) 4-Bromofluorobenzene	12.43	95	544254	44.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.34%	
Target Compounds						
16) Acetone	3.17	43	127184	93.484	ug/l	96
20) Methylene Chloride	3.73	84	26598	2.204	ug/l	94
25) 2-Butanone	5.63	43	43604	15.419	ug/l	94

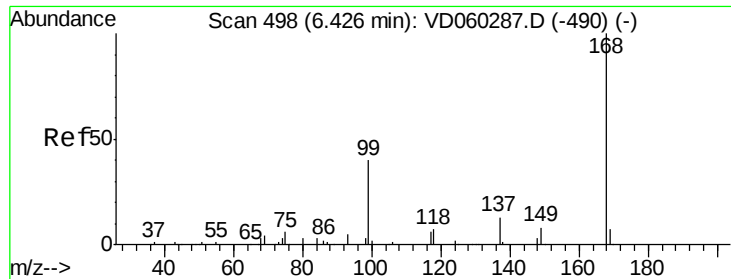
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110918\
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Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.42 min Scan# 497

Delta R.T. -0.01 min

Lab File: VD060321.D

Acq: 9 Nov 2018 19:27

Instrument :

MSVOA_D

ClientSampleId :

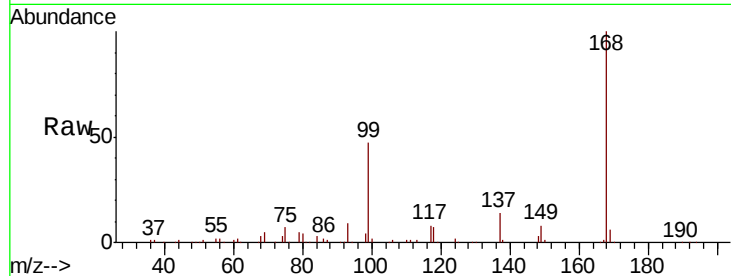
TP-8A-SRE

Tot Ion:168 Resp: 1095398

Ion Ratio Lower Upper

168 100

99 47.4 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.42

400000

300000

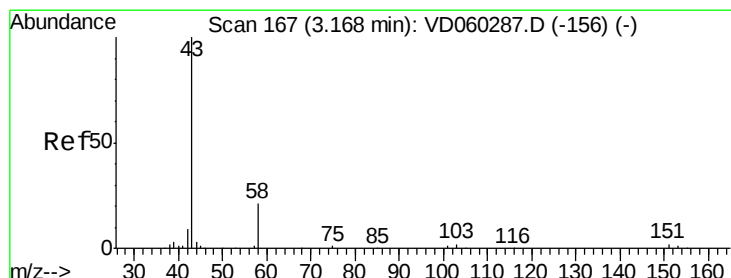
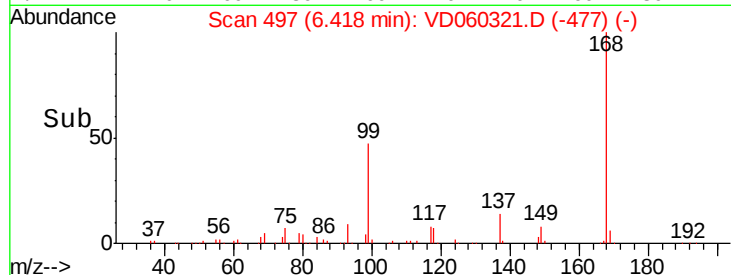
200000

100000

0

Time-->

6.30 6.40 6.50 6.60



#16

Acetone

Concen: 93.484 ug/l

RT: 3.17 min Scan# 167

Delta R.T. 0.00 min

Lab File: VD060321.D

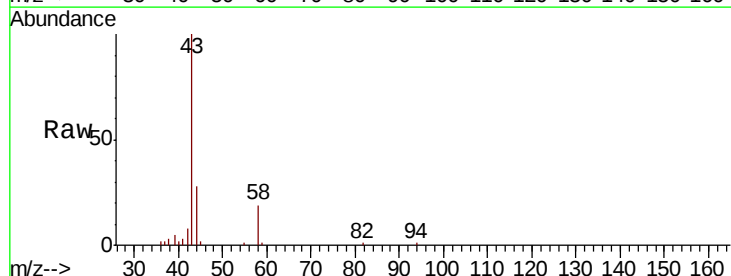
Acq: 9 Nov 2018 19:27

Tgt Ion: 43 Resp: 127184

Ion Ratio Lower Upper

43 100

58 19.1 16.9 25.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.17

40000

30000

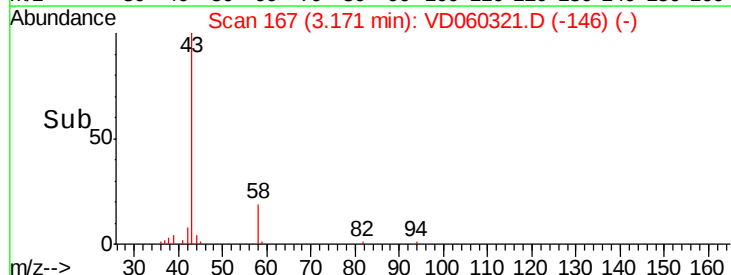
20000

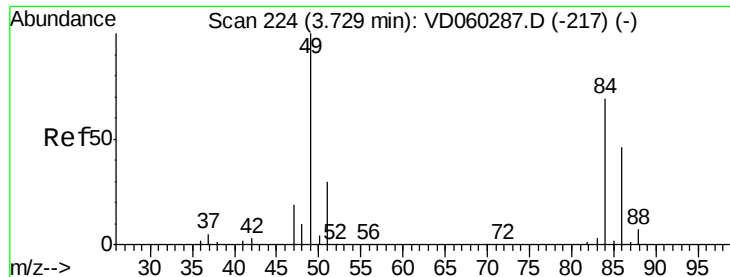
10000

0

Time-->

3.00 3.10 3.20 3.30 3.40

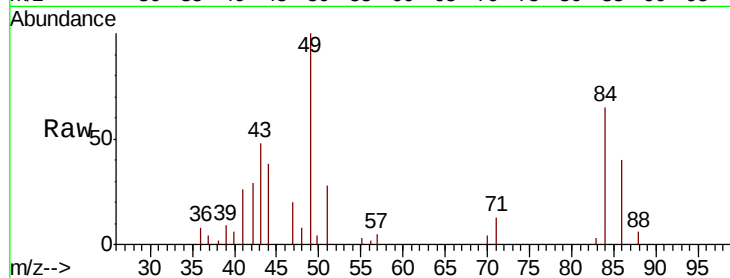




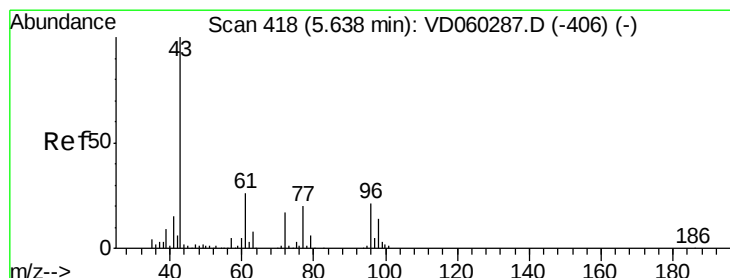
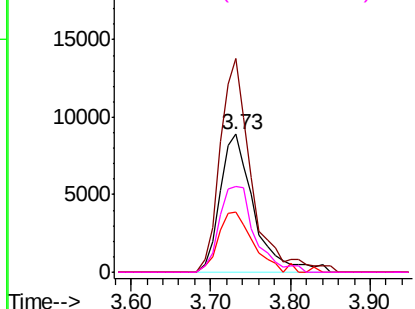
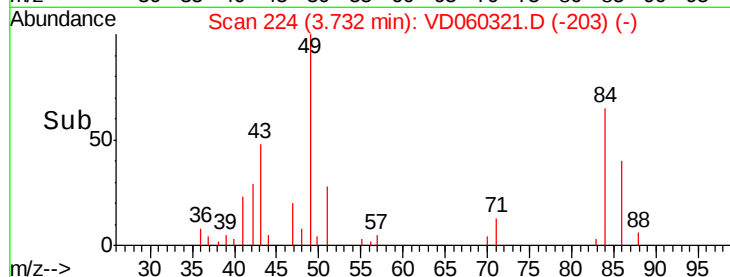
#20
Methvlene Chloride
Concen: 2.204 ug/l
RT: 3.73 min Scan# 224
Delta R.T. 0.00 min
Lab File: VD060321.D
Acq: 9 Nov 2018 19:27

Instrument :
MSVOA_D
ClientSampleId :
TP-8A-SRE

Tot Ion: 84 Resp: 26598
Ion Ratio Lower Upper
84 100
49 154.9 115.6 173.4
51 43.9 35.6 53.4
86 62.5 52.3 78.5

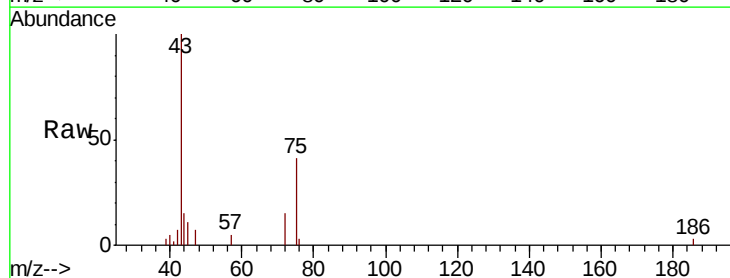


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

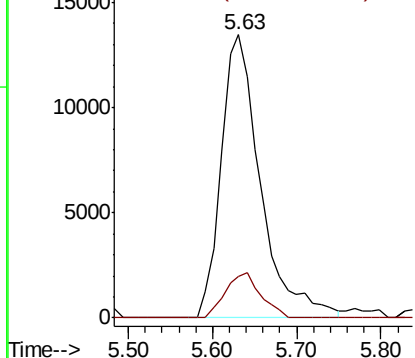
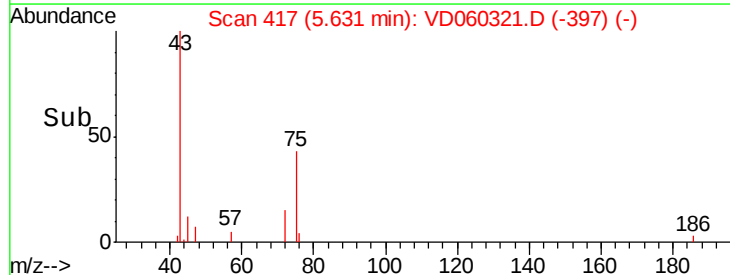


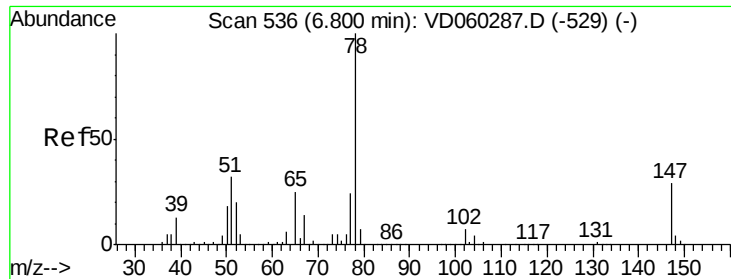
#25
2-Butanone
Concen: 15.419 ug/l
RT: 5.63 min Scan# 417
Delta R.T. -0.01 min
Lab File: VD060321.D
Acq: 9 Nov 2018 19:27

Tgt Ion: 43 Resp: 43604
Ion Ratio Lower Upper
43 100
72 14.6 13.8 20.8



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: 6.79 min Scan# 535

Delta R.T. -0.01 min

Lab File: VD060321.D

Acq: 9 Nov 2018 19:27

Instrument :

MSVOA_D

ClientSampleId :

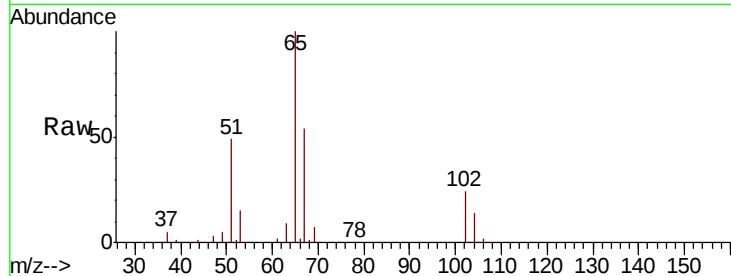
TP-8A-SRE

Tot Ion: 65 Resp: 470212

Ion Ratio Lower Upper

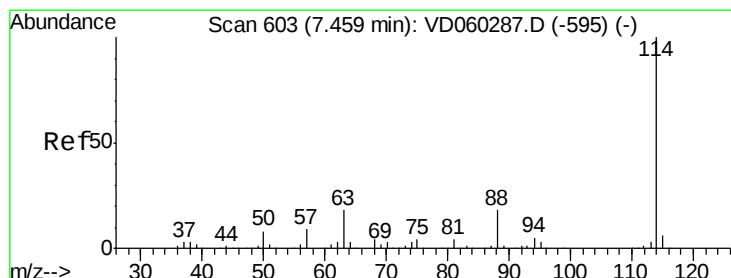
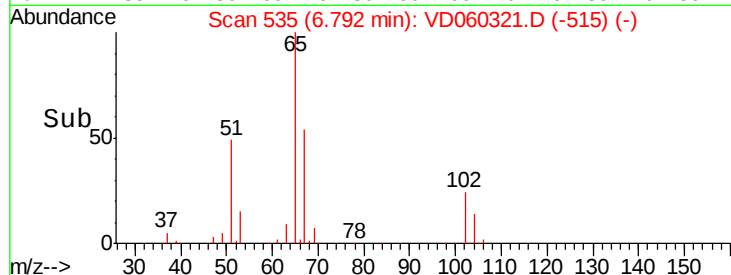
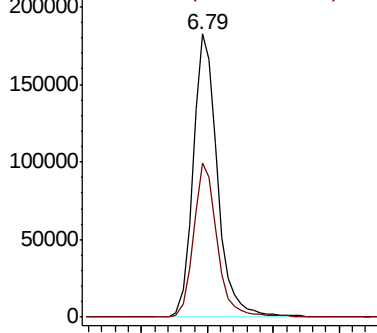
65 100

67 54.4 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: 7.45 min Scan# 602

Delta R.T. -0.01 min

Lab File: VD060321.D

Acq: 9 Nov 2018 19:27

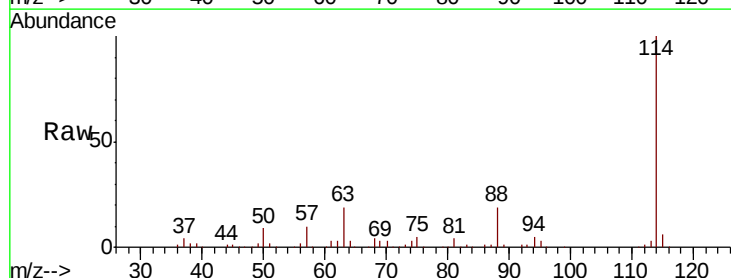
Tgt Ion:114 Resp: 1557990

Ion Ratio Lower Upper

114 100

63 19.5 0.0 34.0

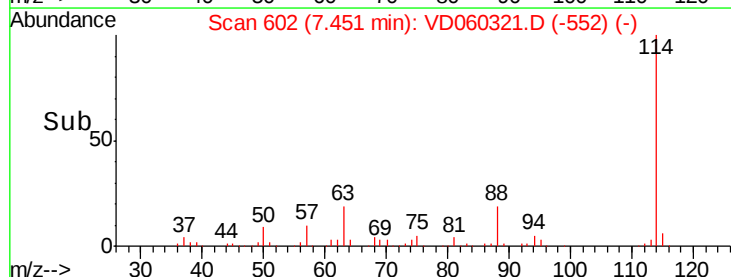
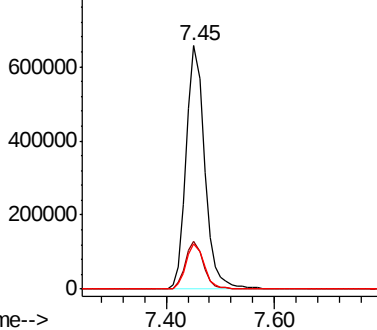
88 18.7 0.0 35.4

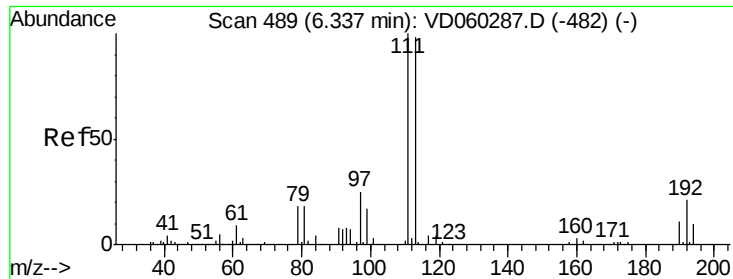


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.33 min Scan# 488

Delta R.T. -0.01 min

Lab File: VD060321.D

Acq: 9 Nov 2018 19:27

Instrument :

MSVOA_D

ClientSampleId :

TP-8A-SRE

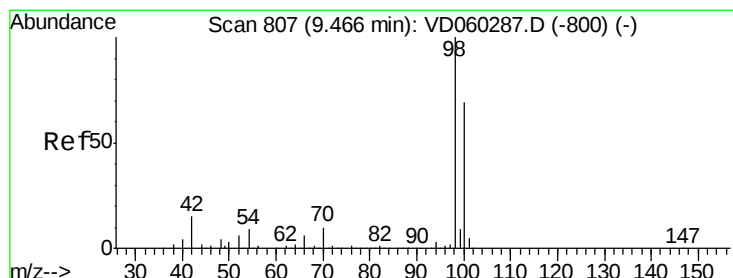
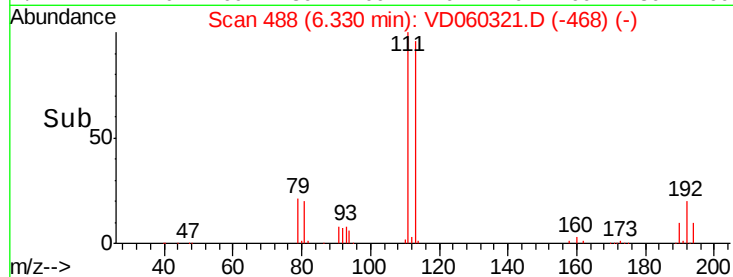
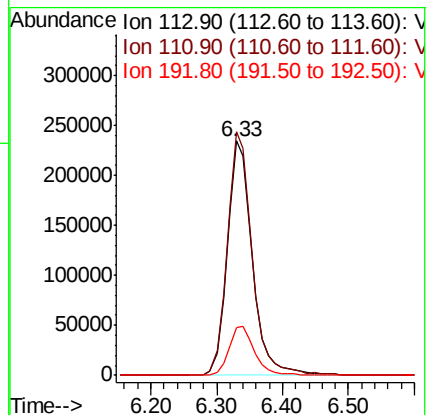
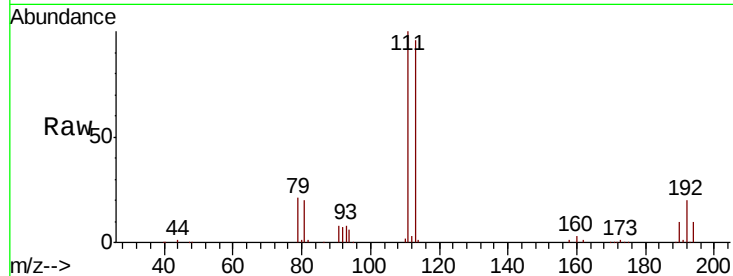
Tot Ion:113 Resp: 623444

Ion Ratio Lower Upper

113 100

111 103.8 81.6 122.4

192 20.5 16.5 24.7



#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.47 min Scan# 807

Delta R.T. 0.00 min

Lab File: VD060321.D

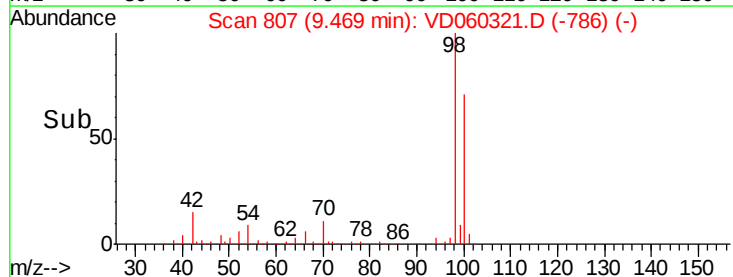
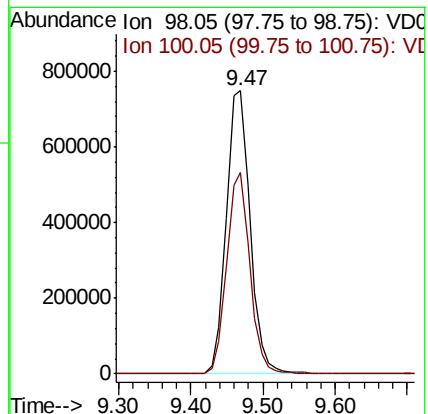
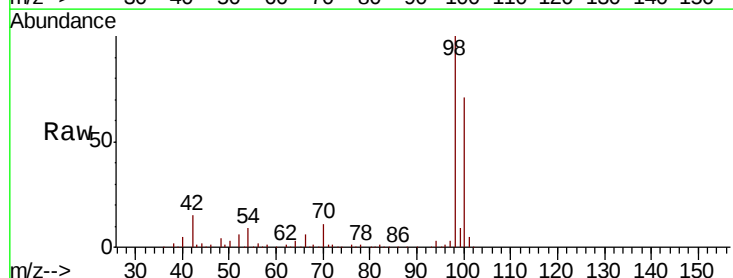
Acq: 9 Nov 2018 19:27

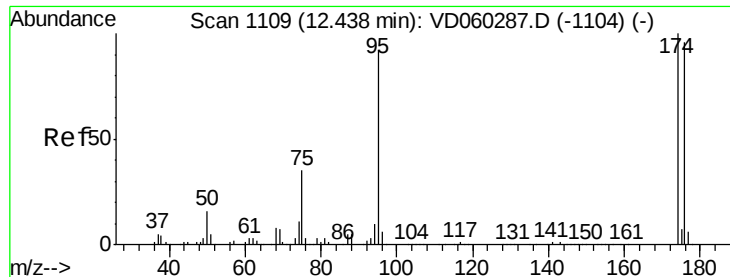
Tgt Ion: 98 Resp: 1716430

Ion Ratio Lower Upper

98 100

100 71.2 55.2 82.8

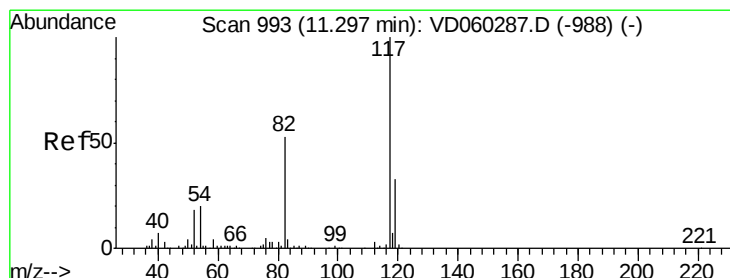
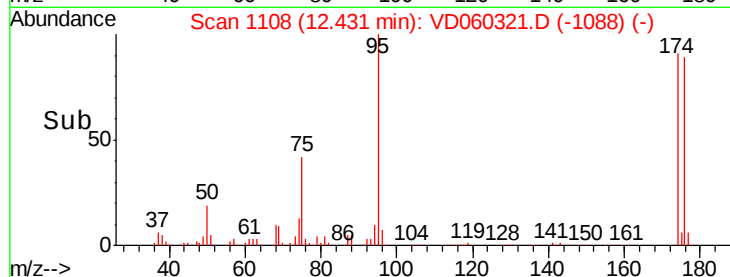
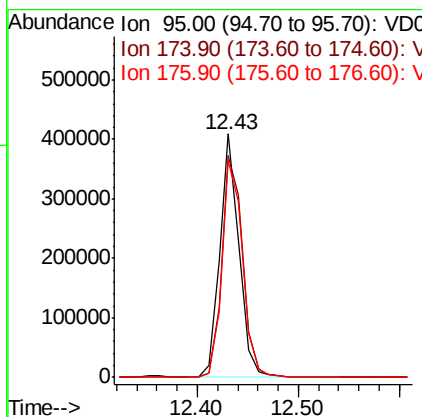
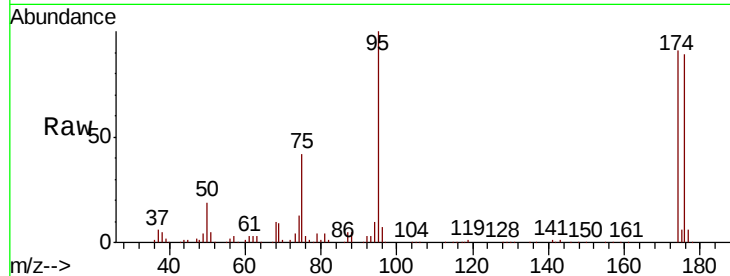




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. -0.01 min
Lab File: VD060321.D
Acq: 9 Nov 2018 19:27

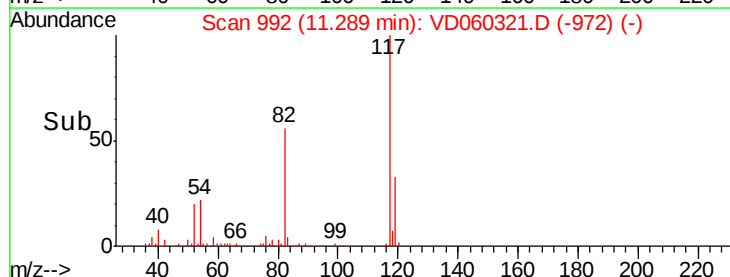
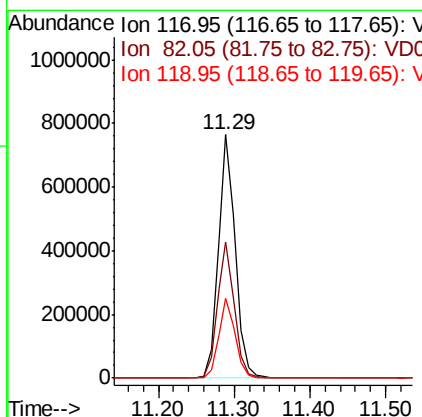
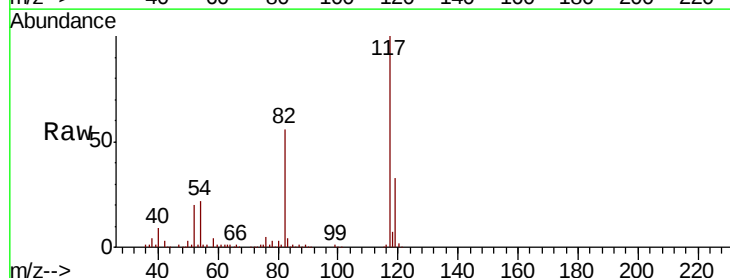
Instrument :
MSVOA_D
ClientSampled :
TP-8A-SRE

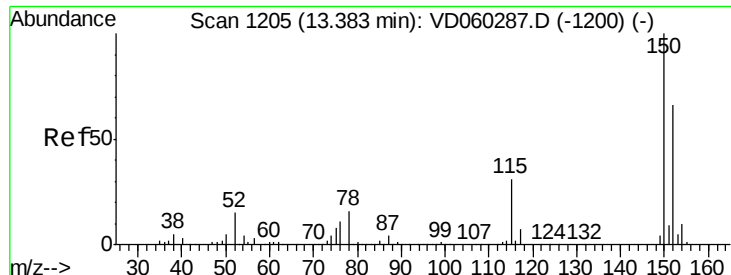
Tot Ion: 95 Resp: 544254
Ion Ratio Lower Upper
95 100
174 91.3 0.0 160.8
176 89.1 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 992
Delta R.T. -0.01 min
Lab File: VD060321.D
Acq: 9 Nov 2018 19:27

Tgt Ion: 117 Resp: 1199006
Ion Ratio Lower Upper
117 100
82 55.7 43.7 65.5
119 32.8 26.1 39.1

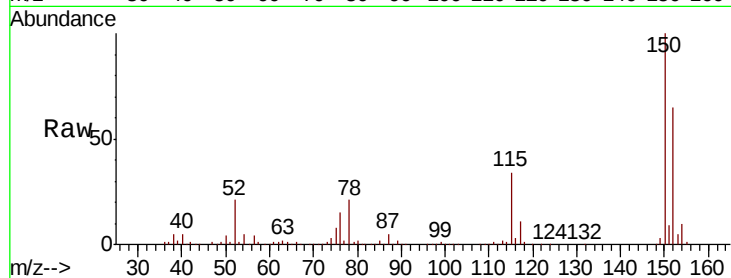




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.38 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: VD060321.D
 Acq: 9 Nov 2018 19:27

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-8A-SRE

Tot Ion	Ratio	Lower	Upper
152	100		
115	51.8	24.1	72.3
150	154.5	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

