

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110918\
 Data File : VD060322.D
 Acq On : 9 Nov 2018 19:55
 Operator : VA/AP
 Sample : J5884-15
 Misc : 4.47g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-8A-D

Quant Time: Nov 12 03:32:26 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

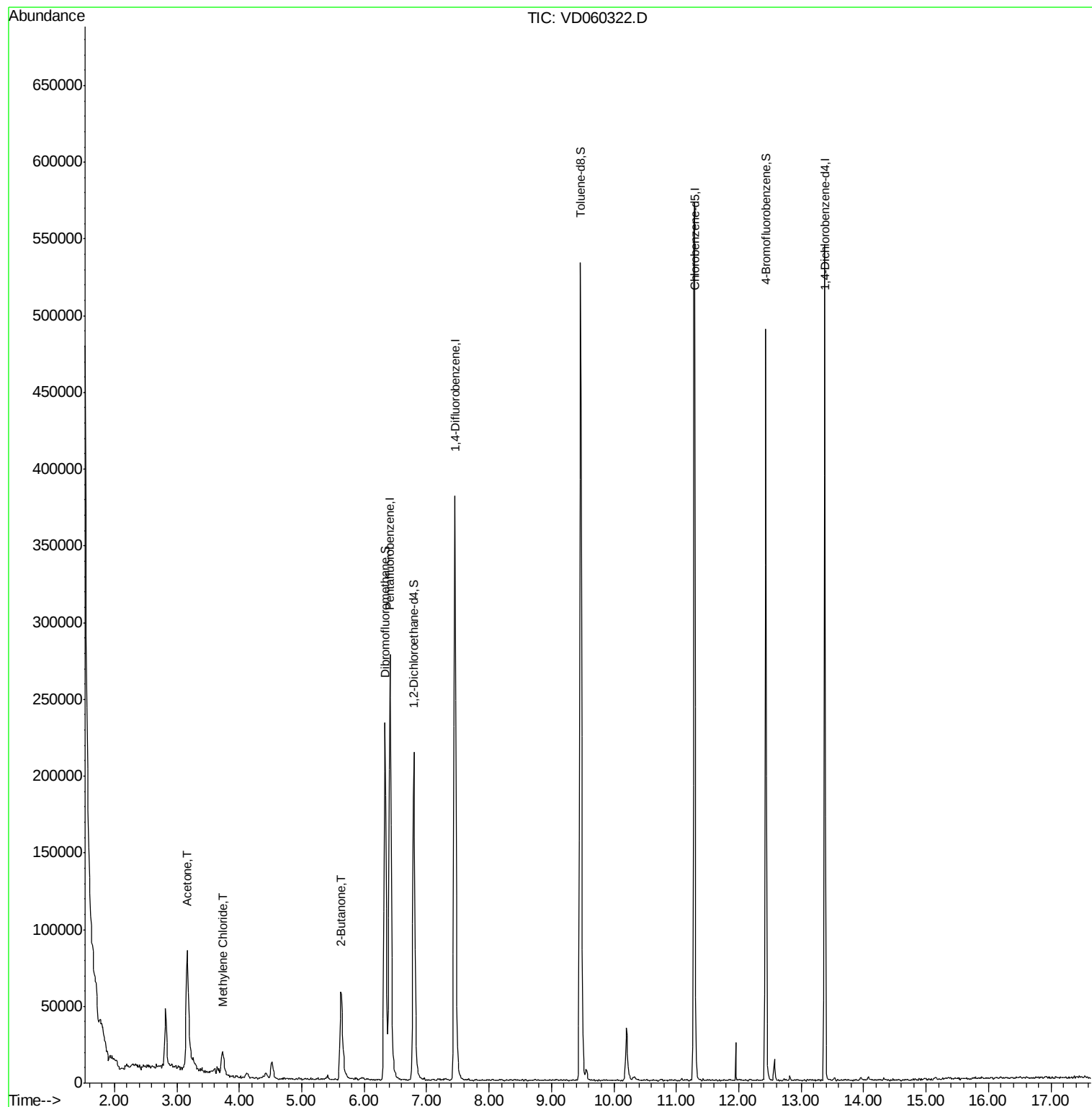
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	266862	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.46	114	402158	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	323571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	121725	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.80	65	178297	93.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	186.62%	
35) Dibromofluoromethane	6.33	113	180855	60.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.62%	
50) Toluene-d8	9.46	98	415776	47.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.74%	
62) 4-Bromofluorobenzene	12.43	95	133945	42.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.24%	
Target Compounds						
16) Acetone	3.16	43	167962	506.758	ug/l	99
20) Methylene Chloride	3.73	84	6921	2.354	ug/l	94
25) 2-Butanone	5.62	43	116586	169.228	ug/l	95

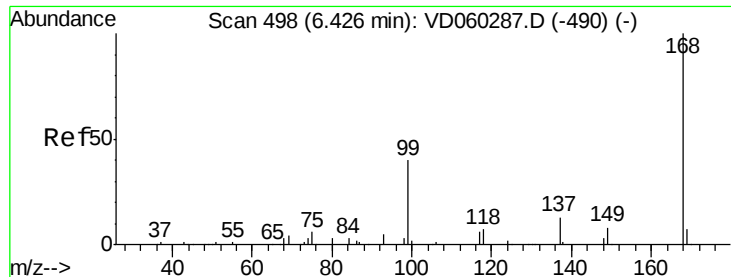
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.41 min Scan# 497

Delta R.T. -0.01 min

Lab File: VD060322.D

Acq: 9 Nov 2018 19:55

Instrument :

MSVOA_D

ClientSampleId :

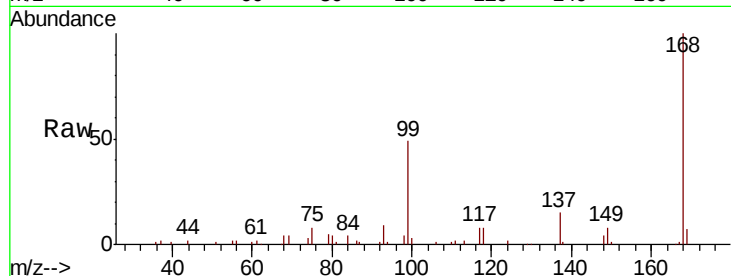
TP-8A-D

Tot Ion:168 Resp: 266862

Ion Ratio Lower Upper

168 100

99 48.7 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.41

100000

80000

60000

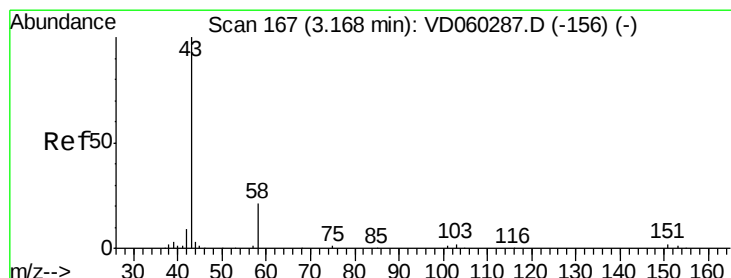
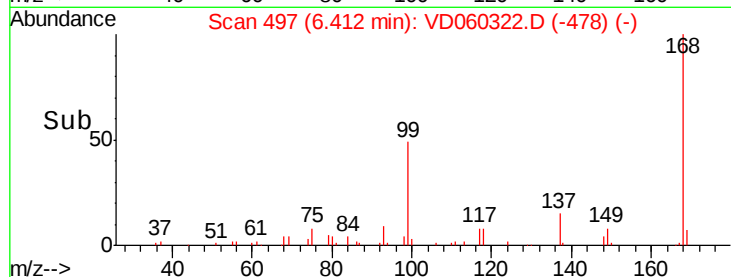
40000

20000

0

Time-->

6.30 6.40 6.50 6.60



#16

Acetone

Concen: 506.758 ug/l

RT: 3.16 min Scan# 167

Delta R.T. -0.00 min

Lab File: VD060322.D

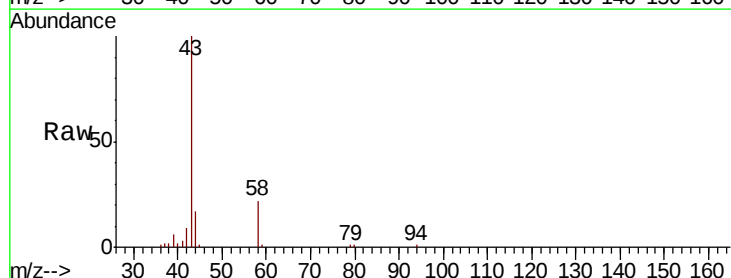
Acq: 9 Nov 2018 19:55

Tgt Ion: 43 Resp: 167962

Ion Ratio Lower Upper

43 100

58 21.6 16.9 25.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.16

60000

50000

40000

30000

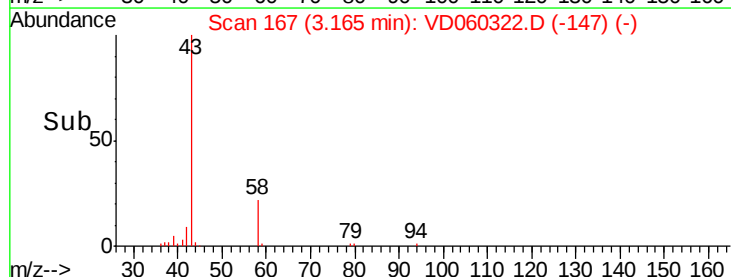
20000

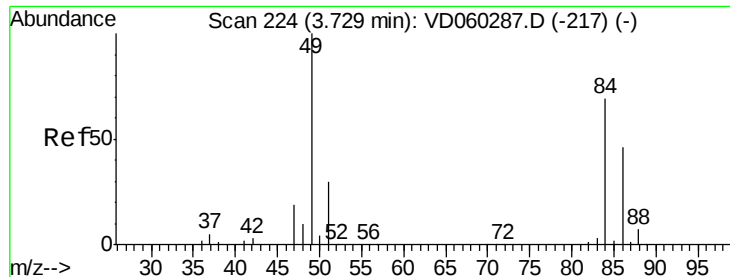
10000

0

Time-->

3.00 3.10 3.20 3.30 3.40



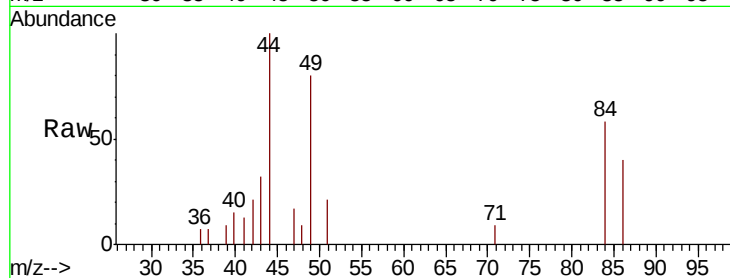


#20
Methvlene Chloride
Concen: 2.354 ug/l
RT: 3.73 min Scan# 224
Delta R.T. -0.00 min
Lab File: VD060322.D
Acq: 9 Nov 2018 19:55

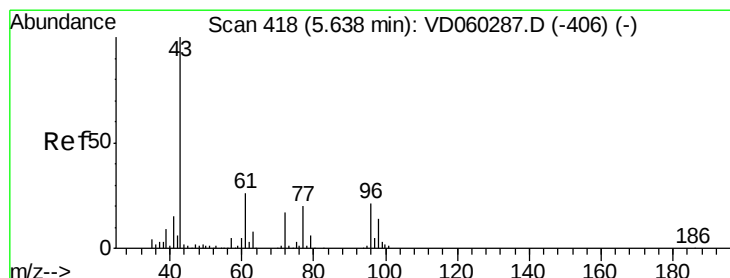
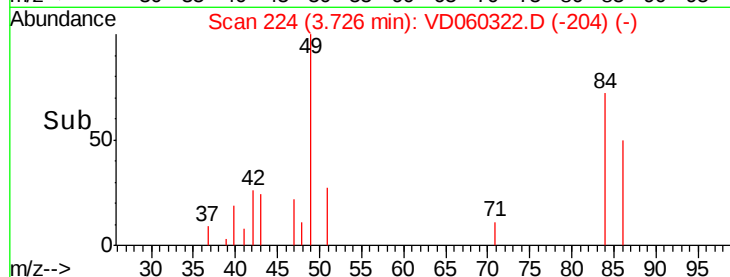
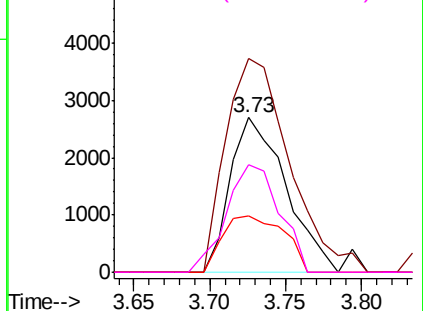
Instrument :
MSVOA_D
ClientSampleId :
TP-8A-D

Tot Ion: 84 Resp: 6921

Ion	Ratio	Lower	Upper
84	100		
49	138.5	115.6	173.4
51	36.9	35.6	53.4
86	69.6	52.3	78.5



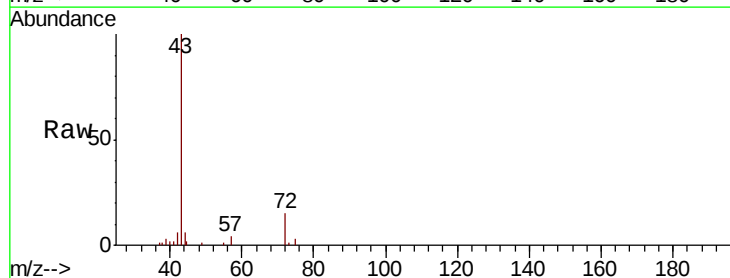
Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC



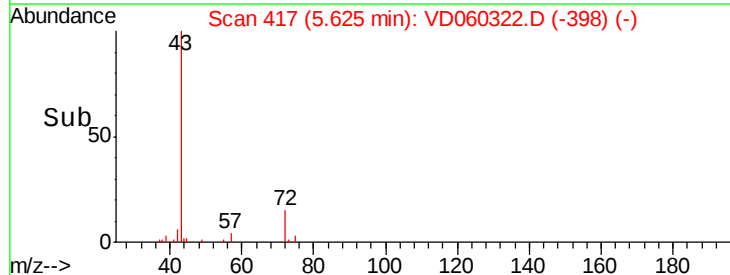
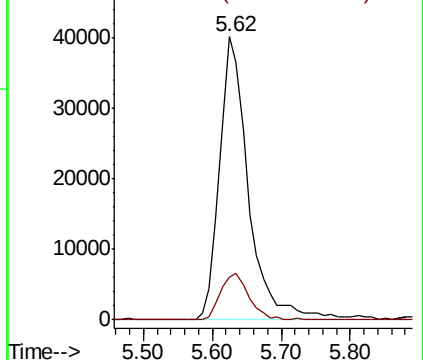
#25
2-Butanone
Concen: 169.228 ug/l
RT: 5.62 min Scan# 417
Delta R.T. -0.01 min
Lab File: VD060322.D
Acq: 9 Nov 2018 19:55

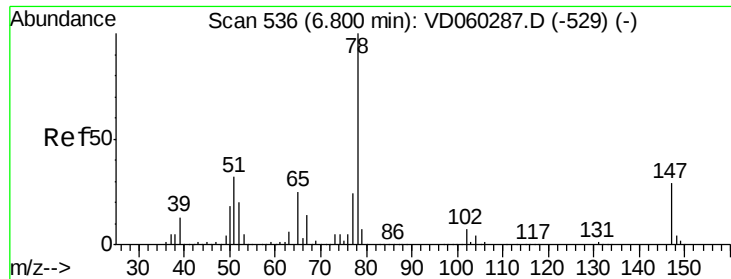
Tgt Ion: 43 Resp: 116586

Ion	Ratio	Lower	Upper
43	100		
72	15.2	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: 6.80 min Scan# 536

Delta R.T. -0.00 min

Lab File: VD060322.D

Acq: 9 Nov 2018 19:55

Instrument :

MSVOA_D

ClientSampleId :

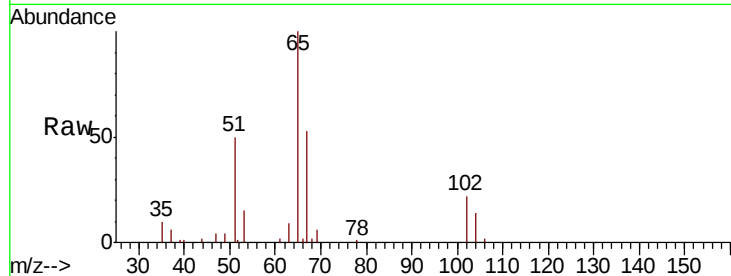
TP-8A-D

Tot Ion: 65 Resp: 178297

Ion Ratio Lower Upper

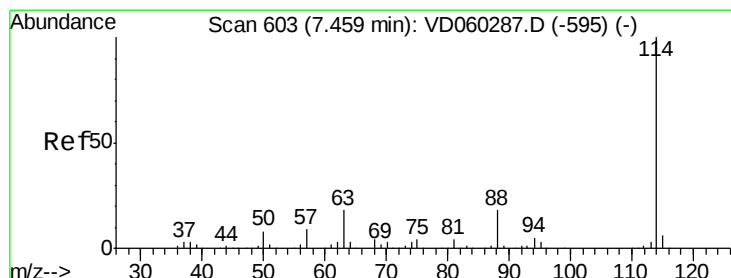
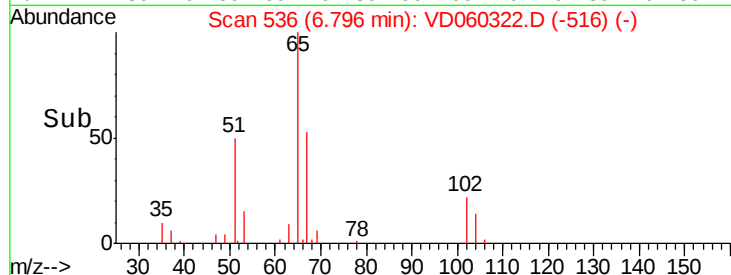
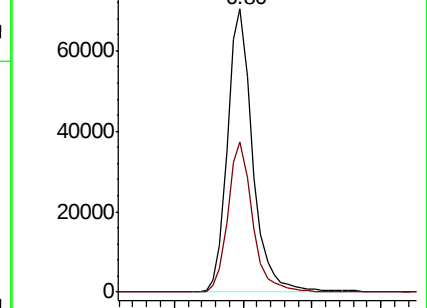
65 100

67 53.2 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: 7.46 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD060322.D

Acq: 9 Nov 2018 19:55

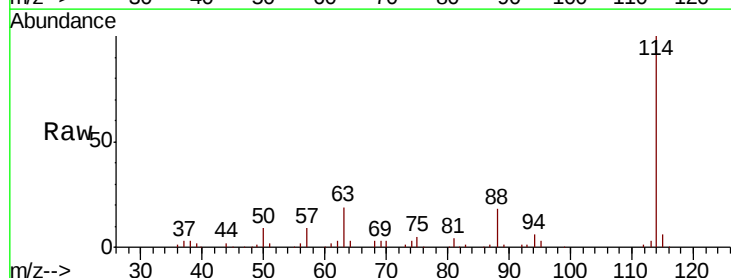
Tgt Ion: 114 Resp: 402158

Ion Ratio Lower Upper

114 100

63 18.9 0.0 34.0

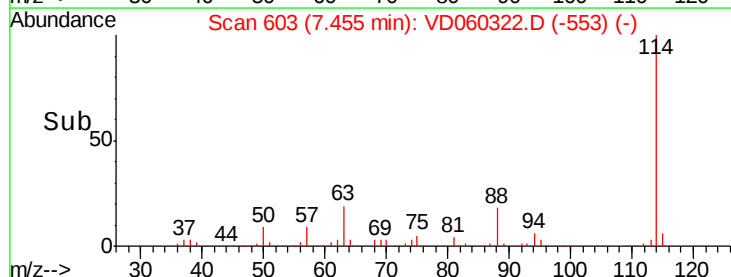
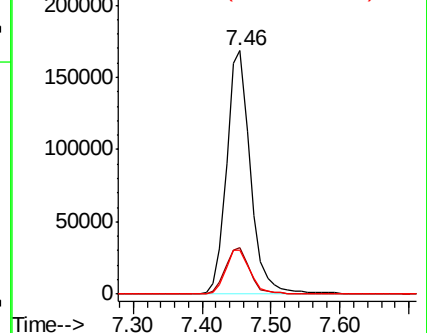
88 18.1 0.0 35.4

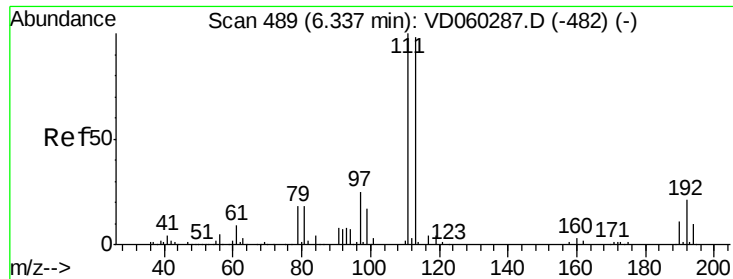


Abundance Ion 114.00 (113.70 to 114.70): V

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# 489

Delta R.T. -0.00 min

Lab File: VD060322.D

Acq: 9 Nov 2018 19:55

Instrument :

MSVOA_D

ClientSampleId :

TP-8A-D

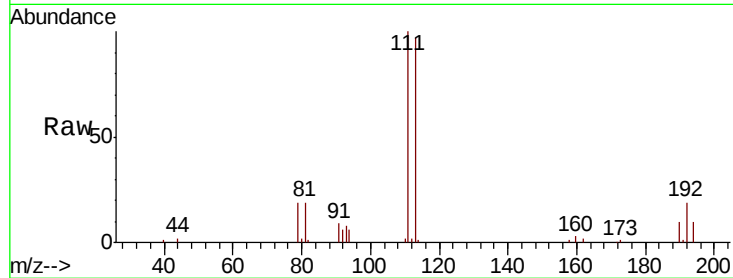
Tot Ion:113 Resp: 180855

Ion Ratio Lower Upper

113 100

111 103.2 81.6 122.4

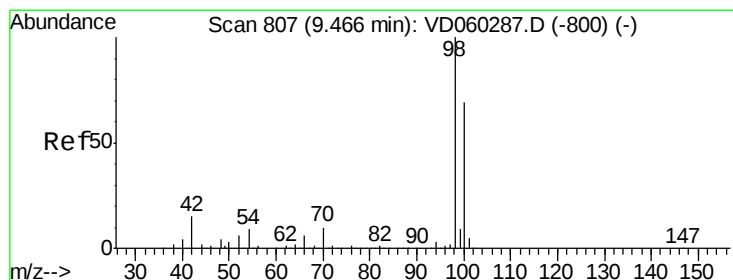
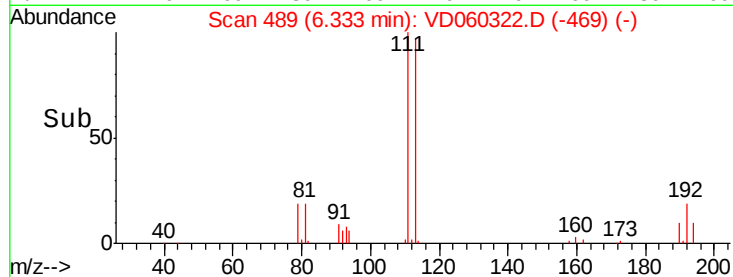
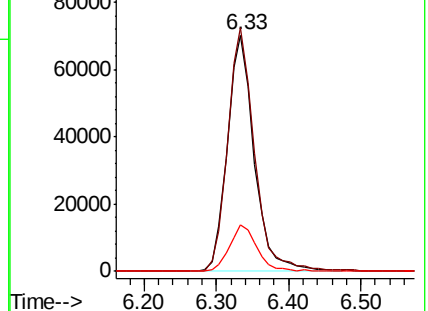
192 19.9 16.5 24.7



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: 9.46 min Scan# 807

Delta R.T. -0.00 min

Lab File: VD060322.D

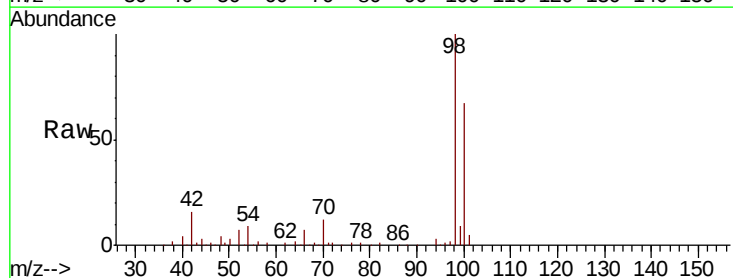
Acq: 9 Nov 2018 19:55

Tgt Ion: 98 Resp: 415776

Ion Ratio Lower Upper

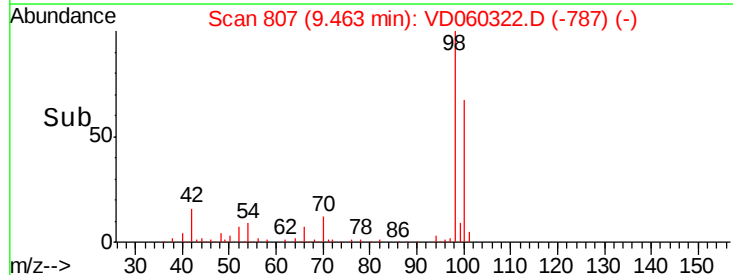
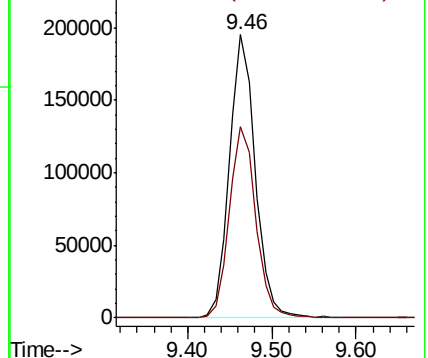
98 100

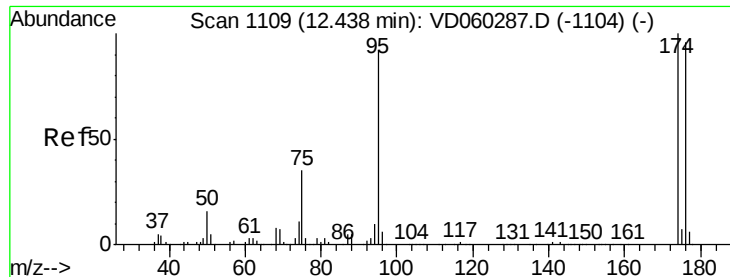
100 67.4 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1109

Delta R.T. -0.00 min

Lab File: VD060322.D

Acq: 9 Nov 2018 19:55

Instrument :

MSVOA_D

ClientSampleId :

TP-8A-D

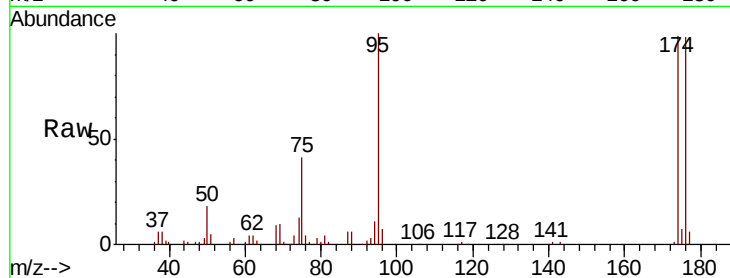
Tot Ion: 95 Resp: 133945

Ion Ratio Lower Upper

95 100

174 99.4 0.0 160.8

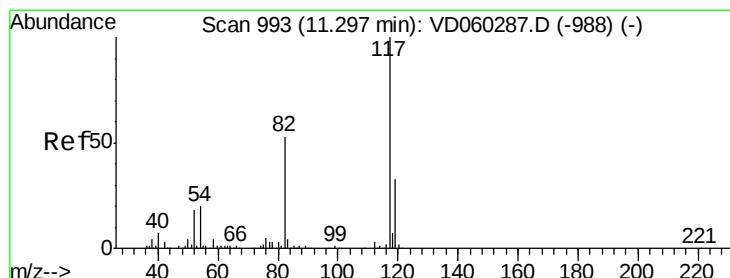
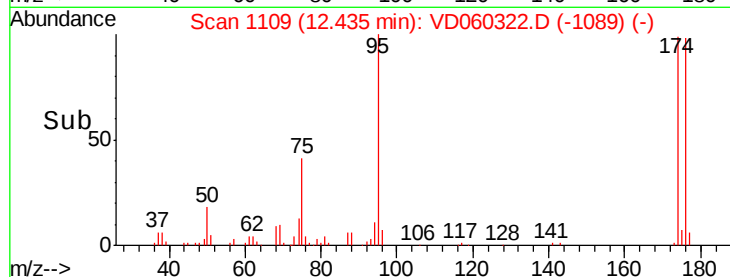
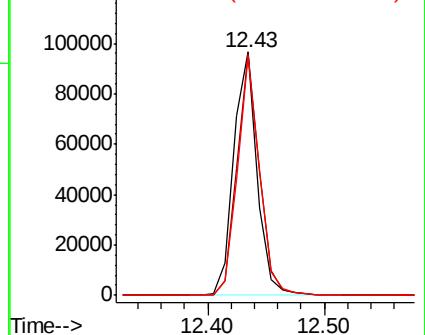
176 98.5 0.0 154.6



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: 50.000 ug/l

RT: 11.29 min Scan# 993

Delta R.T. -0.00 min

Lab File: VD060322.D

Acq: 9 Nov 2018 19:55

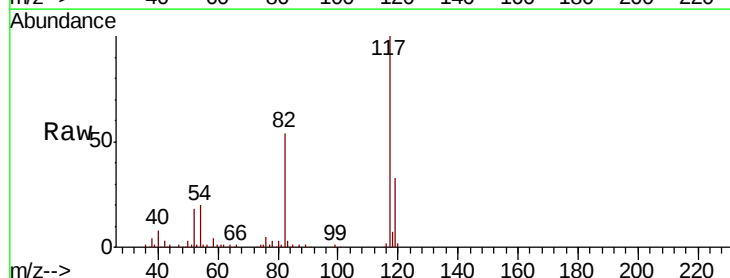
Tgt Ion: 117 Resp: 323571

Ion Ratio Lower Upper

117 100

82 53.9 43.7 65.5

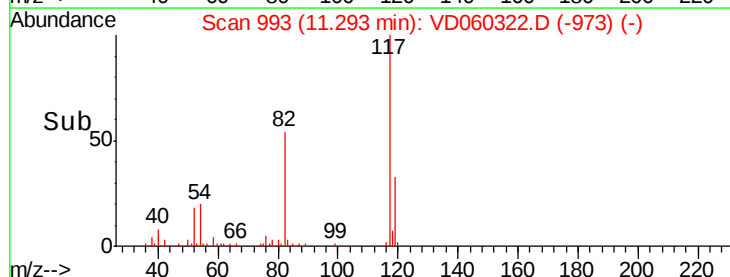
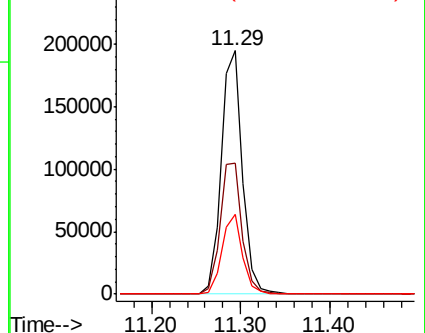
119 33.0 26.1 39.1

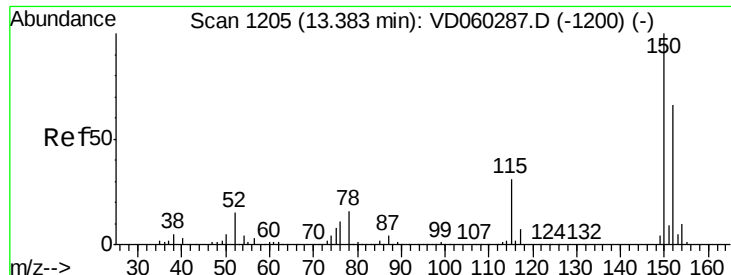


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.38 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: VD060322.D
 Acq: 9 Nov 2018 19:55

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-8A-D

Tot Ion	Ratio	Lower	Upper
152	100		
115	47.8	24.1	72.3
150	152.6	0.0	310.6

