

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121118\
 Data File : VD060532.D
 Acq On : 11 Dec 2018 13:38
 Operator : VA/AP
 Sample : J6193-01
 Misc : 5.26g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-121018-A

Quant Time: Dec 12 03:40:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 01:49:20 2018
 Response via : Initial Calibration

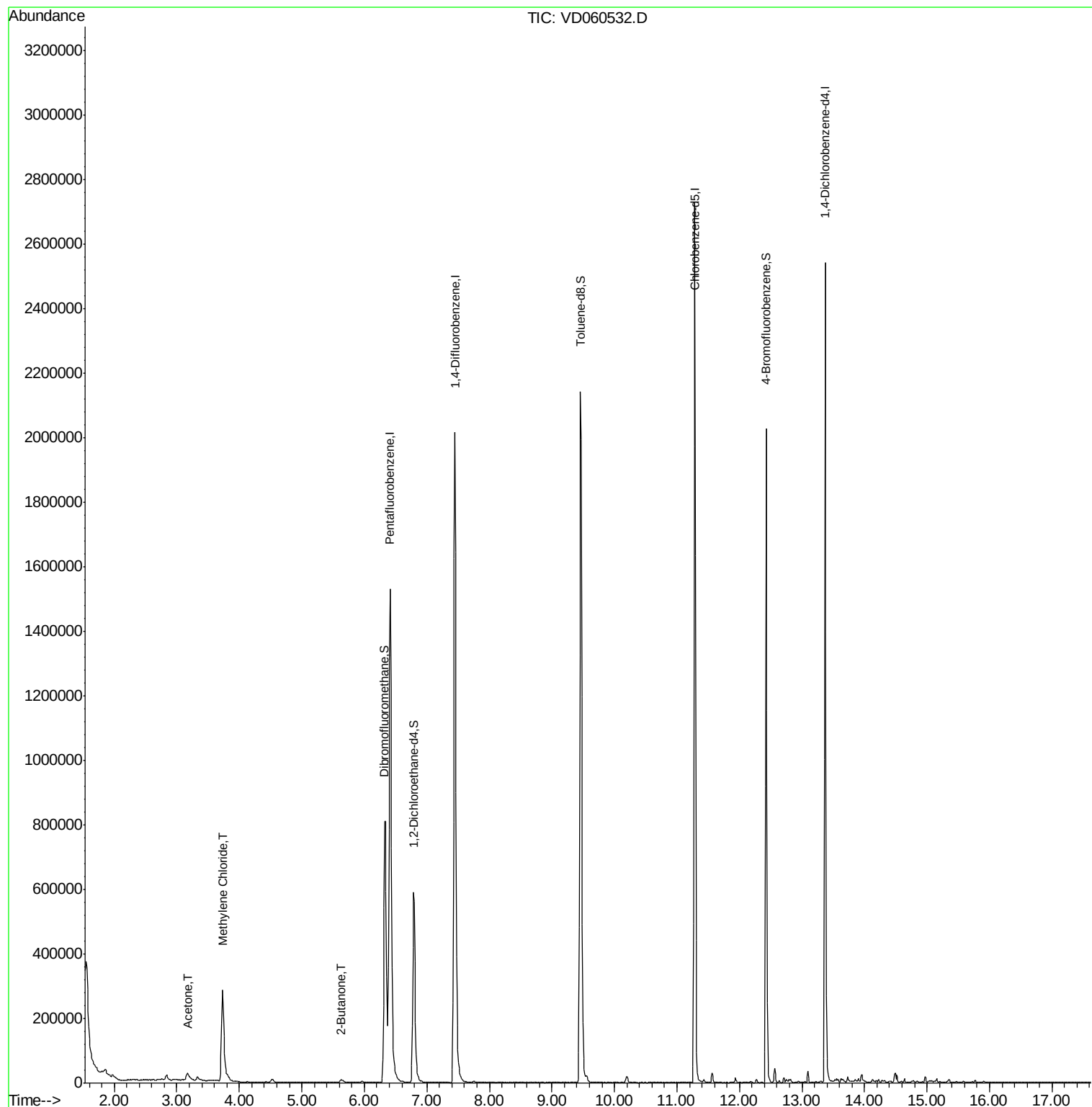
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1504435	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.45	114	2126607	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1473250	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	551383	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	517862	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
35) Dibromofluoromethane	6.33	113	685684	43.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.80%	
50) Toluene-d8	9.45	98	1756017	38.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.70%	
62) 4-Bromofluorobenzene	12.43	95	537411	33.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.46%	
Target Compounds						
16) Acetone	3.18	43	54818	32.071	ug/l	95
20) Methylene Chloride	3.74	84	194755	8.716	ug/l	96
25) 2-Butanone	5.63	43	18145	5.396	ug/l	93

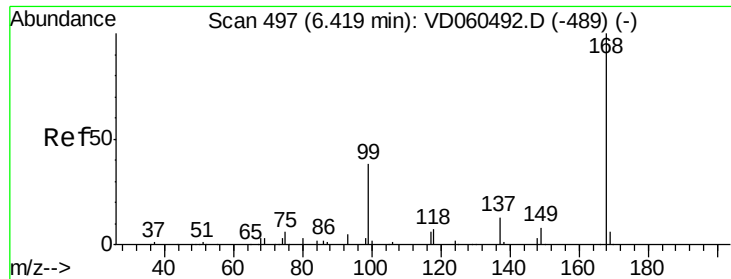
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VD060532.D

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Instrument :

MSVOA_D

ClientSampleId :

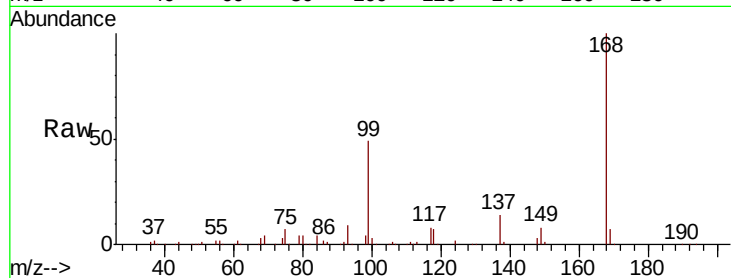
CL-01-121018-A

Tot Ion:168 Resp: 1504435

Ion Ratio Lower Upper

168 100

99 48.6 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V

6.41

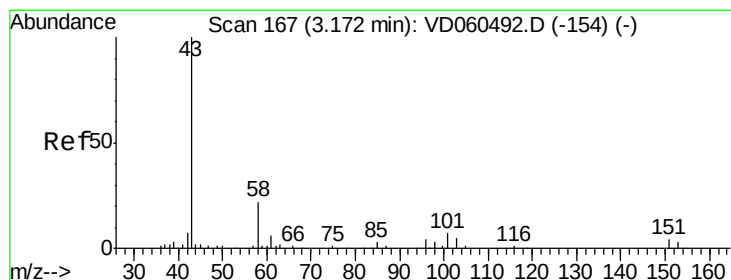
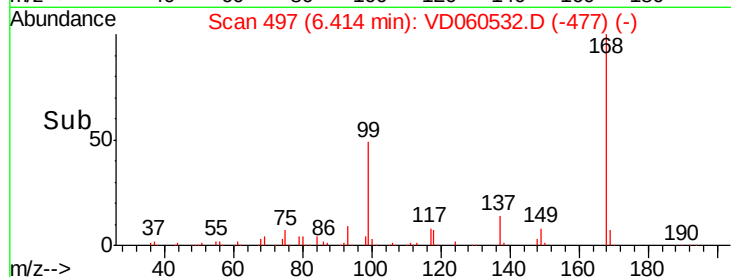
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 32.071 ug/l

RT: 3.18 min Scan# 168

Delta R.T. 0.00 min

Lab File: VD060532.D

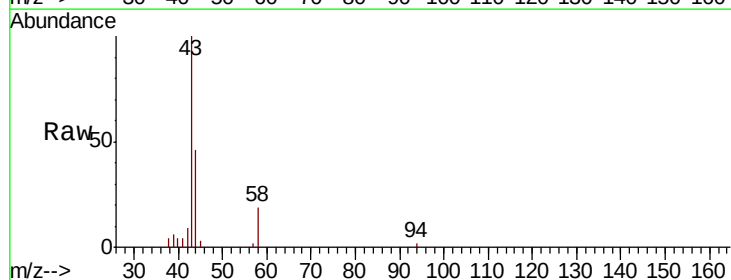
Acq: 11 Dec 2018 13:38

Tgt Ion: 43 Resp: 54818

Ion Ratio Lower Upper

43 100

58 19.0 17.3 25.9



Abundance Ion 42.95 (42.65 to 43.65): V

Ion 57.95 (57.65 to 58.65): V

3.18

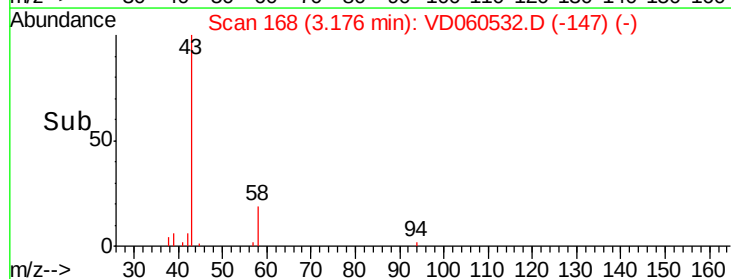
15000

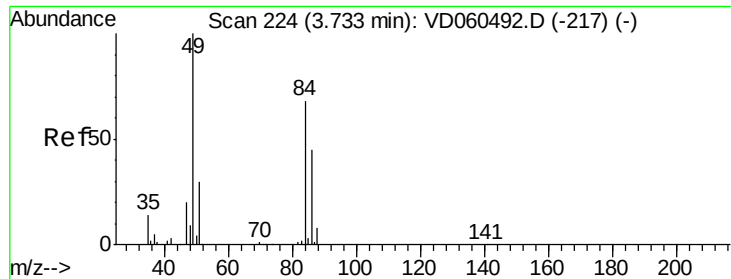
10000

5000

0

Time-->

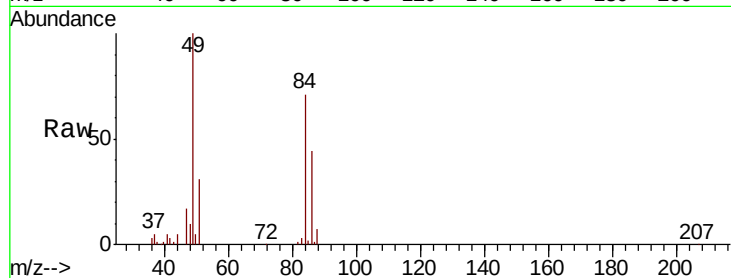




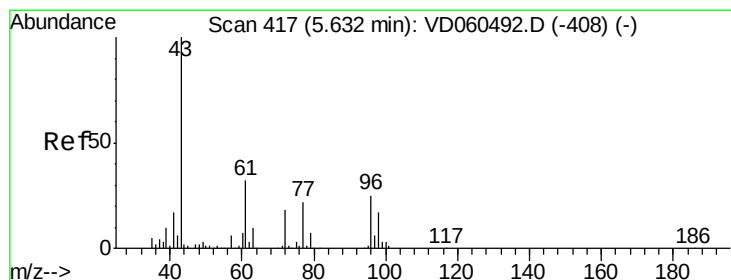
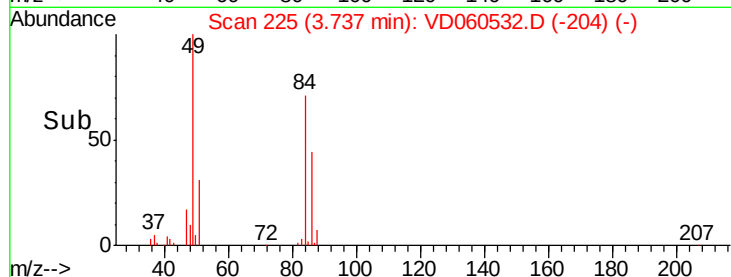
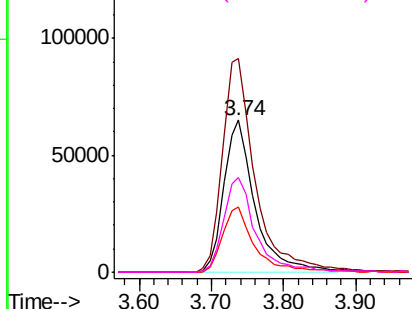
#20
Methvlene Chloride
Concen: 8.716 ug/l
RT: 3.74 min Scan# 225
Delta R.T. 0.01 min
Lab File: VD060532.D
Acq: 11 Dec 2018 13:38

Instrument :
MSVOA_D
ClientSampleId :
CL-01-121018-A

Tot Ion: 84 Resp: 194755
Ion Ratio Lower Upper
84 100
49 140.4 117.2 175.8
51 43.2 35.3 52.9
86 62.4 53.2 79.8

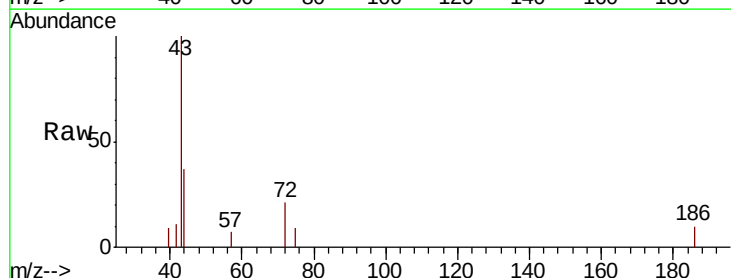


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

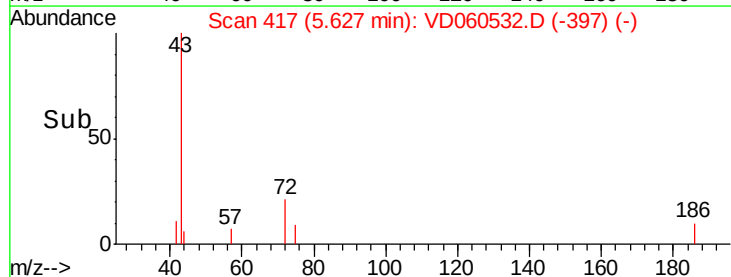
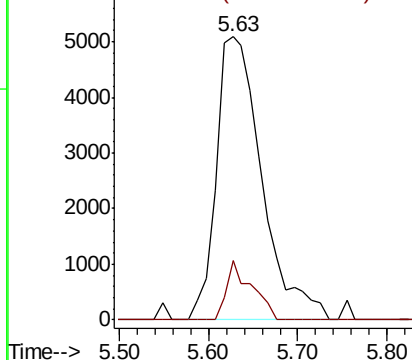


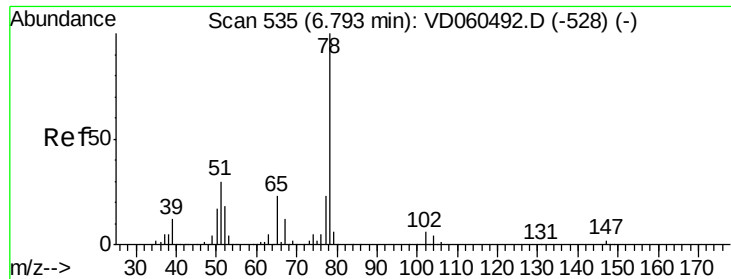
#25
2-Butanone
Concen: 5.396 ug/l
RT: 5.63 min Scan# 417
Delta R.T. -0.01 min
Lab File: VD060532.D
Acq: 11 Dec 2018 13:38

Tgt Ion: 43 Resp: 18145
Ion Ratio Lower Upper
43 100
72 21.1 14.6 21.8



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

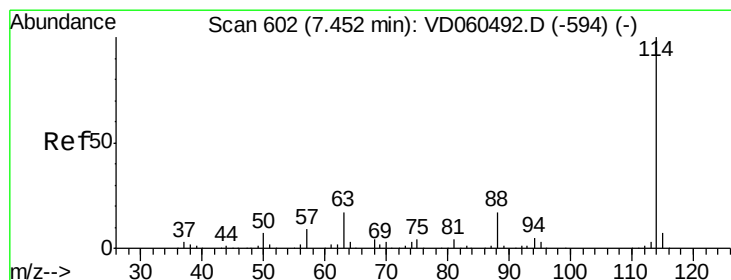
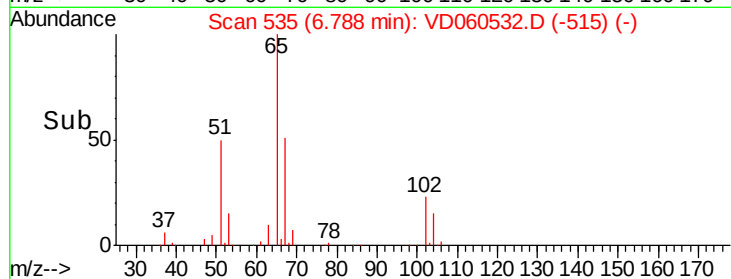
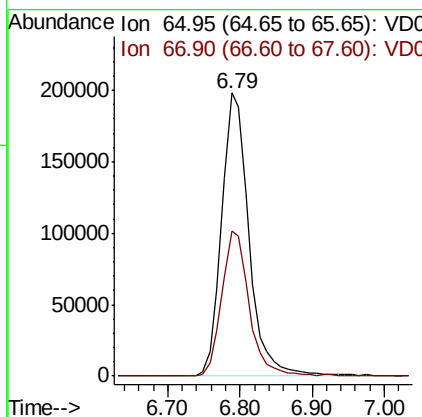
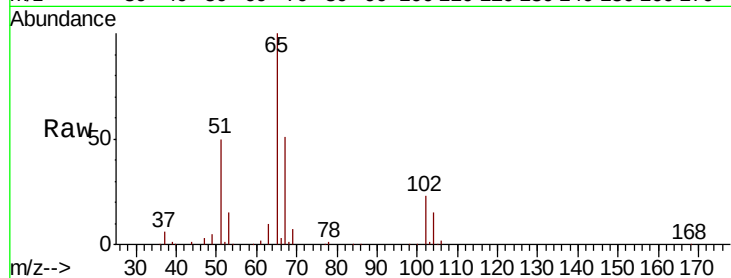




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.79 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VD060532.D
 Acq: 11 Dec 2018 13:38

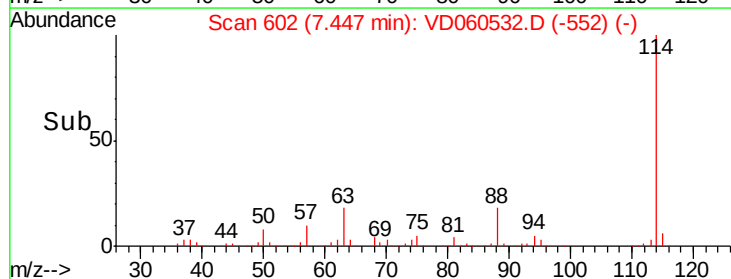
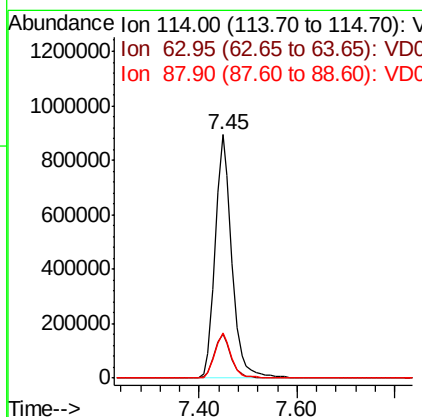
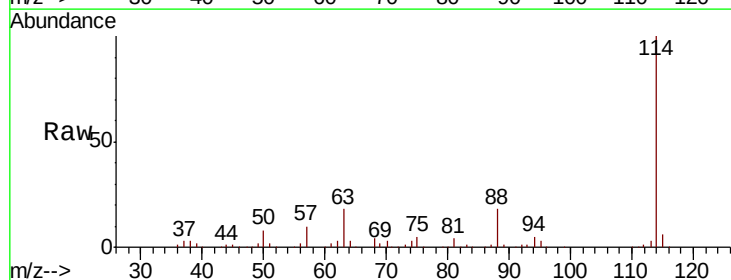
Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-121018-A

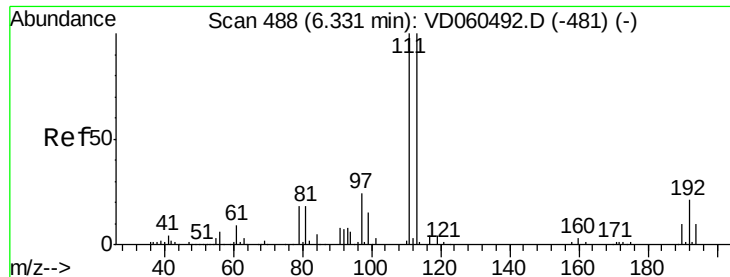
Tot Ion: 65 Resp: 517862
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: VD060532.D
 Acq: 11 Dec 2018 13:38

Tgt Ion: 114 Resp: 2126607
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 34.2
 88 18.3 0.0 35.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.33 min Scan# 488

Delta R.T. -0.01 min

Lab File: VD060532.D

Acq: 11 Dec 2018 13:38

Instrument :

MSVOA_D

ClientSampleId :

CL-01-121018-A

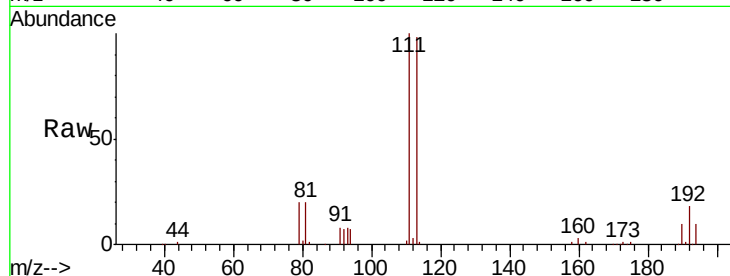
Tot Ion:113 Resp: 685684

Ion Ratio Lower Upper

113 100

111 101.5 80.2 120.4

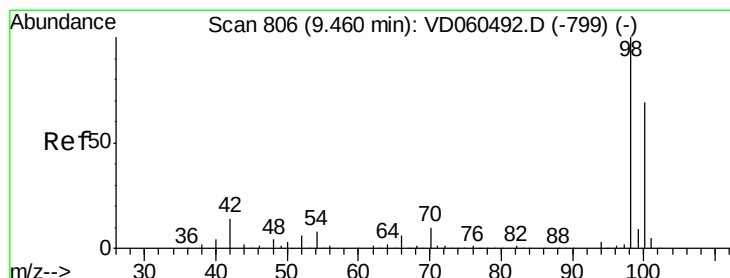
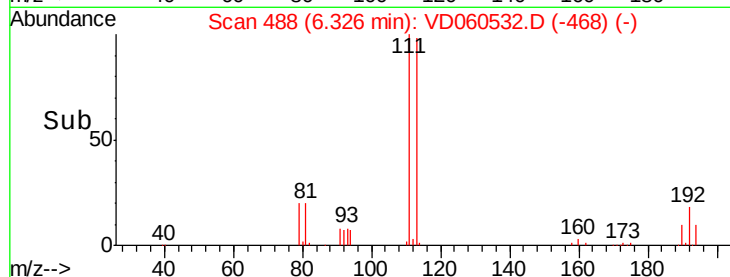
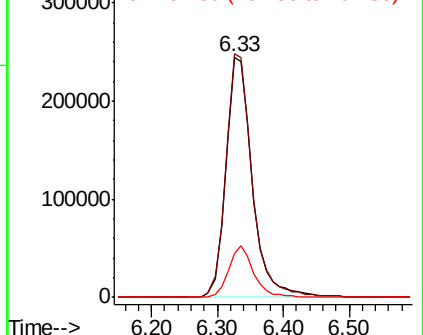
192 18.5 16.6 24.8



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: 9.45 min Scan# 806

Delta R.T. -0.01 min

Lab File: VD060532.D

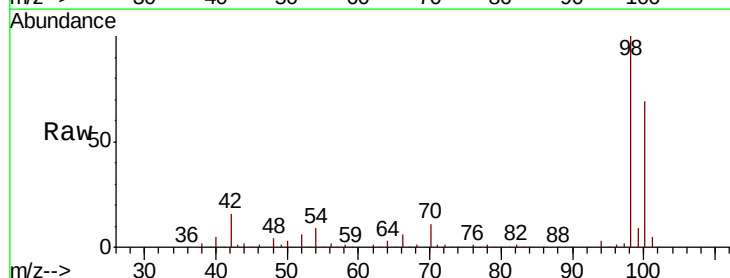
Acq: 11 Dec 2018 13:38

Tgt Ion: 98 Resp: 1756017

Ion Ratio Lower Upper

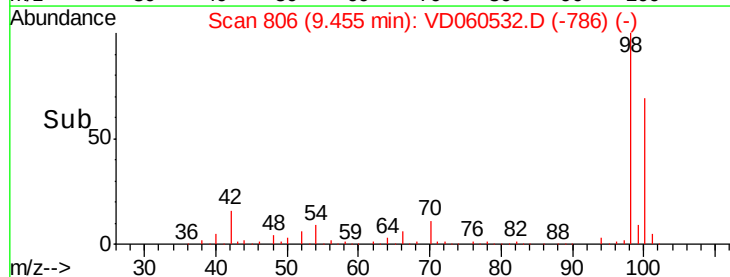
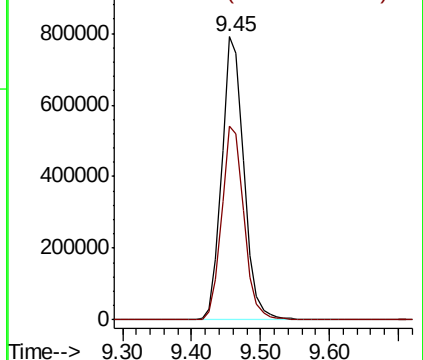
98 100

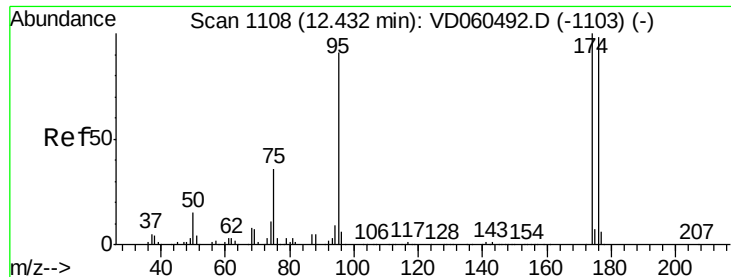
100 68.6 55.7 83.5



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# 1108

Delta R.T. -0.01 min

Lab File: VD060532.D

Acq: 11 Dec 2018 13:38

Instrument :

MSVOA_D

ClientSampleId :

CL-01-121018-A

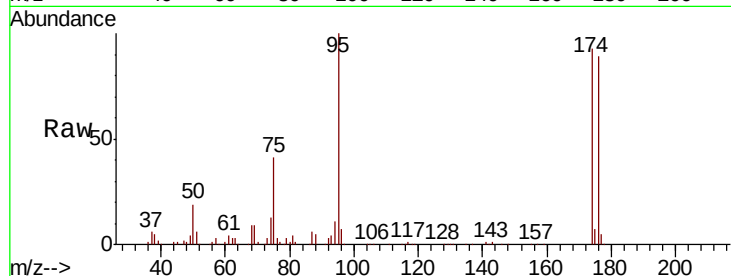
Tot Ion: 95 Resp: 537411

Ion Ratio Lower Upper

95 100

174 93.2 0.0 219.4

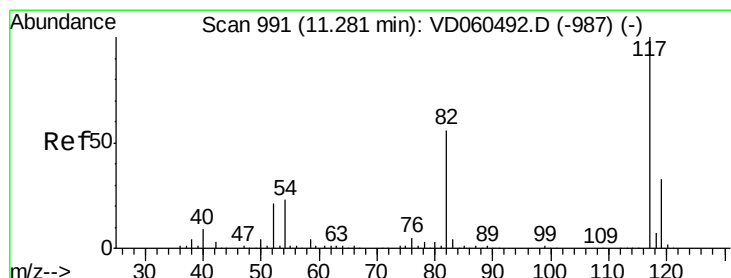
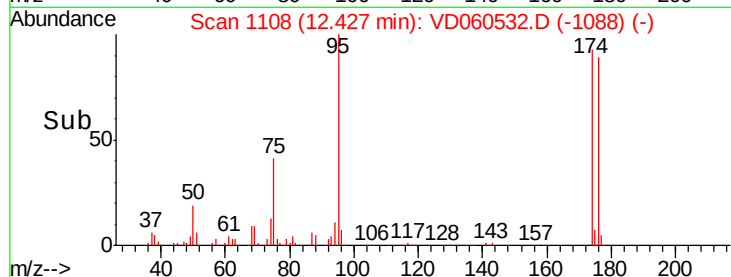
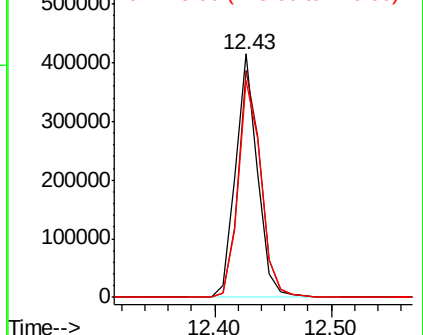
176 89.0 0.0 214.6



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# 992

Delta R.T. 0.00 min

Lab File: VD060532.D

Acq: 11 Dec 2018 13:38

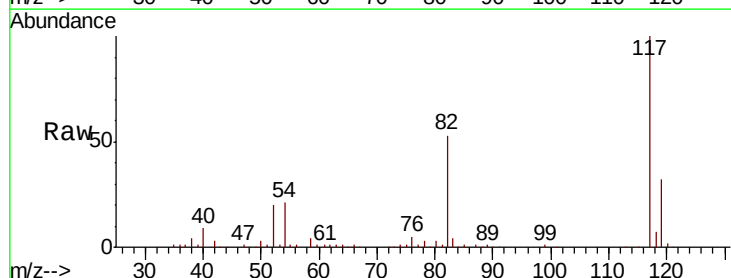
Tgt Ion: 117 Resp: 1473250

Ion Ratio Lower Upper

117 100

82 53.0 45.2 67.8

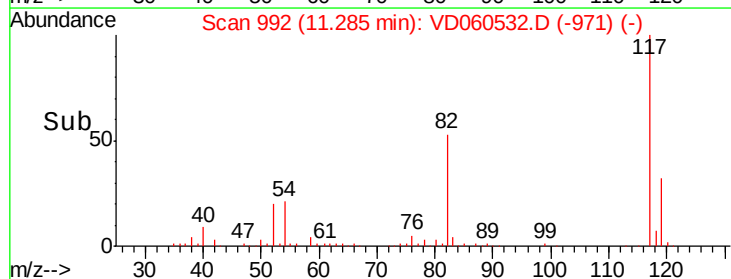
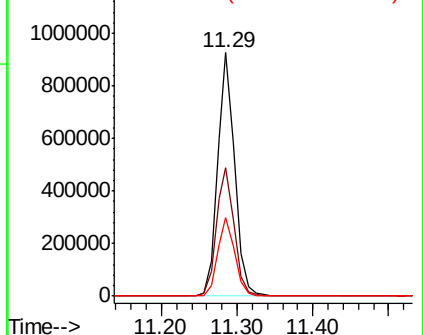
119 32.1 26.1 39.1

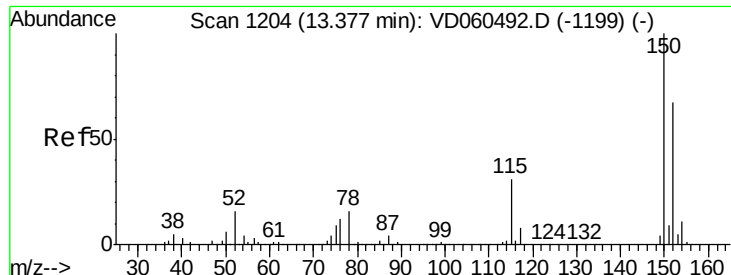


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

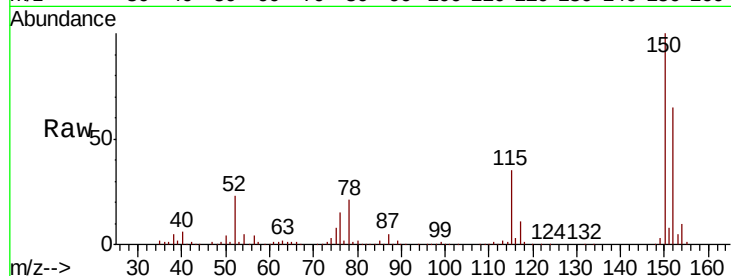




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.37 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: VD060532.D
 Acq: 11 Dec 2018 13:38

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-121018-A

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.0	24.6	74.0
150	153.0	0.0	309.0



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

