

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121118\
 Data File : VD060535.D
 Acq On : 11 Dec 2018 15:03
 Operator : VA/AP
 Sample : J6193-07
 Misc : 6.83g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Dec 12 03:47:52 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

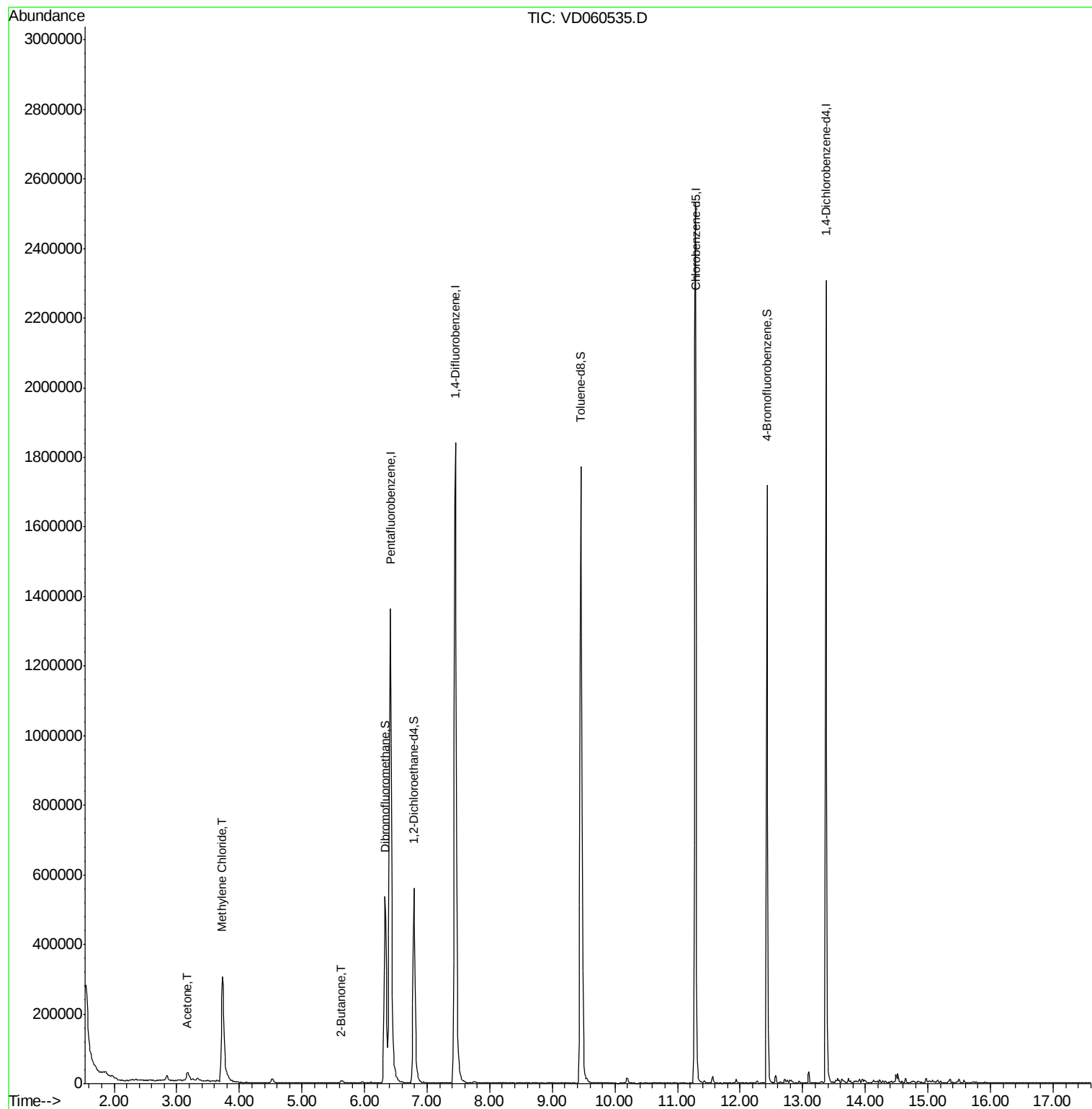
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1384562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.45	114	1966883	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1393094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	495148	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	461396	47.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.04%	
35) Dibromofluoromethane	6.33	113	435341	30.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.26%	
50) Toluene-d8	9.46	98	1426134	34.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.22%	
62) 4-Bromofluorobenzene	12.43	95	457902	30.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.22%	
Target Compounds						
16) Acetone	3.17	43	57237	36.386	ug/l	97
20) Methylene Chloride	3.73	84	212601	11.253	ug/l	96
25) 2-Butanone	5.63	43	13365	4.318	ug/l	99

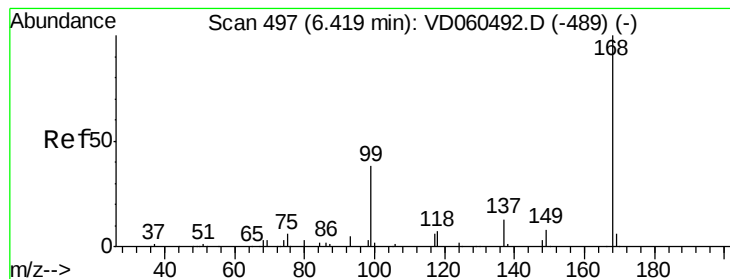
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Dec 06 01:49:20 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.42 min Scan# 497

Delta R.T. -0.00 min

Lab File: VD060535.D

Acq: 11 Dec 2018 15:03

Instrument :

MSVOA_D

ClientSampleId :

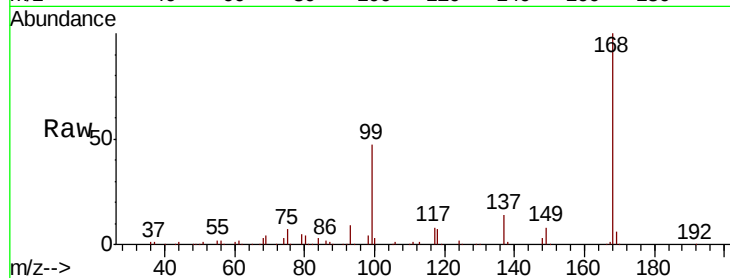
CL-01-121018-D

Tot Ion:168 Resp: 1384562

Ion Ratio Lower Upper

168 100

99 47.5 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.42

500000

400000

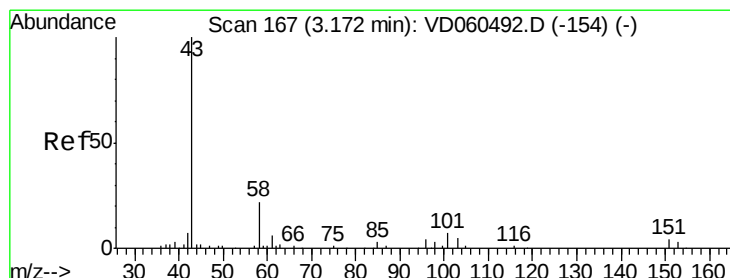
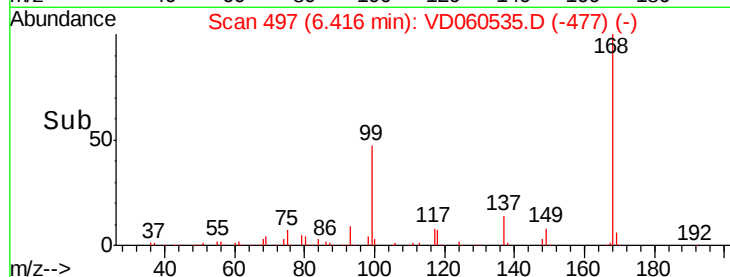
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 36.386 ug/l

RT: 3.17 min Scan# 167

Delta R.T. -0.00 min

Lab File: VD060535.D

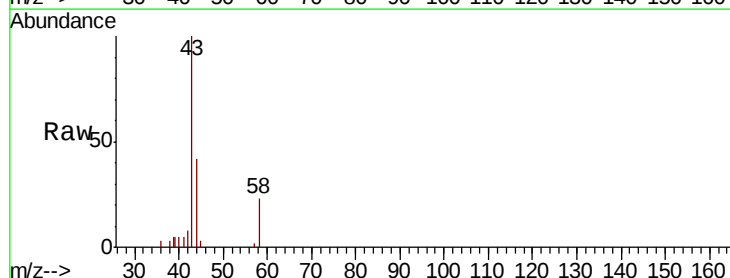
Acq: 11 Dec 2018 15:03

Tgt Ion: 43 Resp: 57237

Ion Ratio Lower Upper

43 100

58 23.0 17.3 25.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

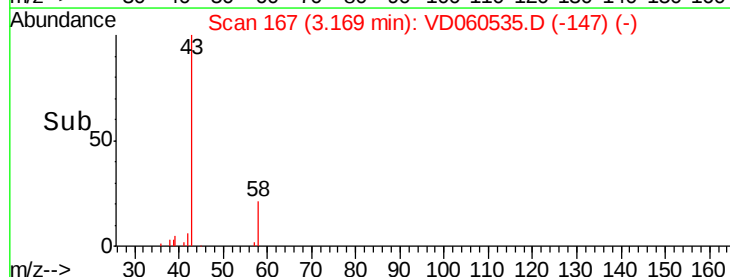
15000

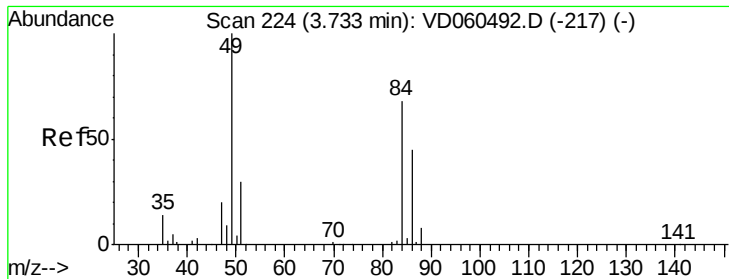
10000

5000

0

Time-->

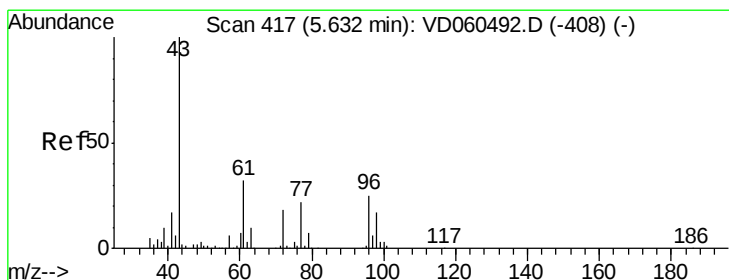
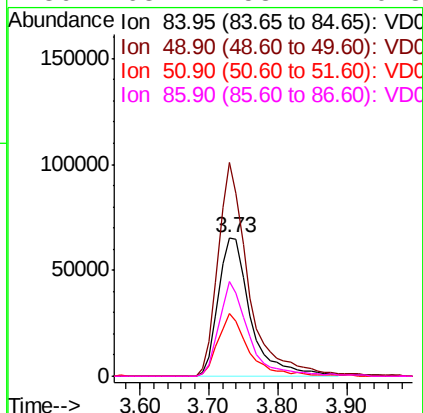
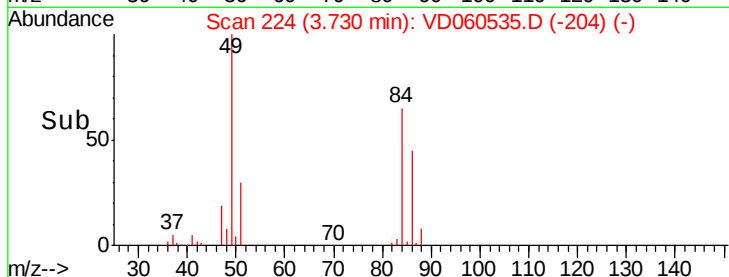
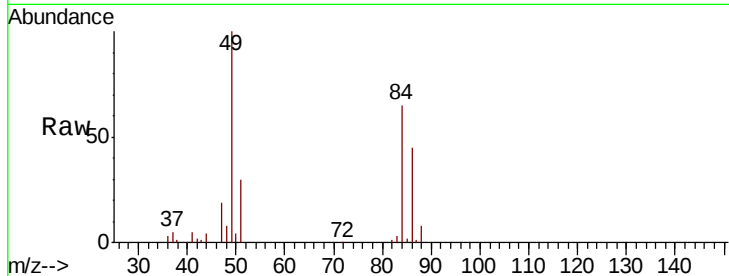




#20
Methylene Chloride
Concen: 11.253 ug/l
RT: 3.73 min Scan# 224
Delta R.T. -0.00 min
Lab File: VD060535.D
Acq: 11 Dec 2018 15:03

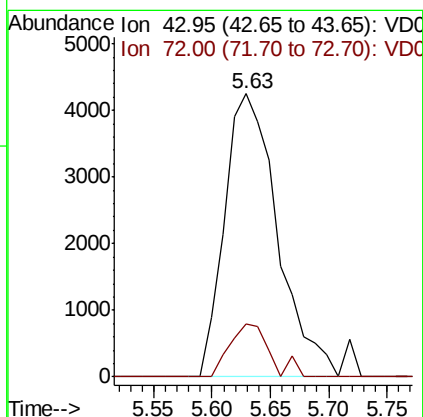
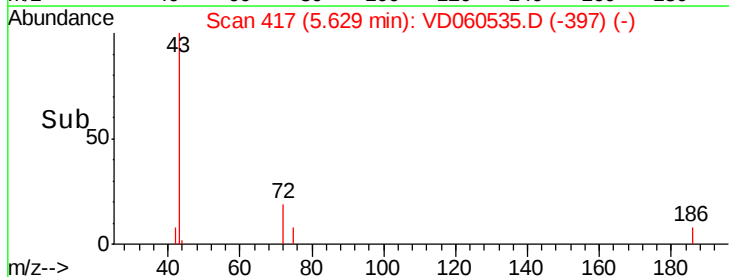
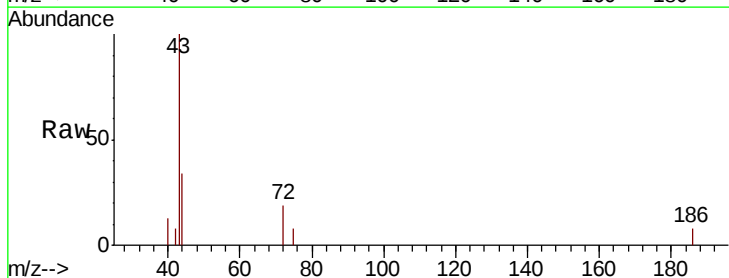
Instrument :
MSVOA_D
ClientSampleId :
CL-01-121018-D

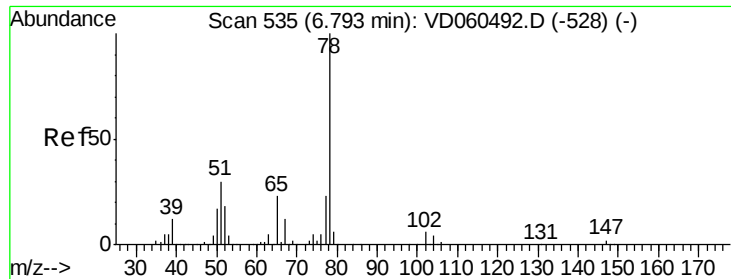
Tot Ion: 84 Resp: 212601
Ion Ratio Lower Upper
84 100
49 153.9 117.2 175.8
51 45.4 35.3 52.9
86 68.7 53.2 79.8



#25
2-Butanone
Concen: 4.318 ug/l
RT: 5.63 min Scan# 417
Delta R.T. -0.00 min
Lab File: VD060535.D
Acq: 11 Dec 2018 15:03

Tgt Ion: 43 Resp: 13365
Ion Ratio Lower Upper
43 100
72 18.7 14.6 21.8





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.79 min Scan# 535

Delta R.T. -0.00 min

Lab File: VD060535.D

Acq: 11 Dec 2018 15:03

Instrument :

MSVOA_D

ClientSampleId :

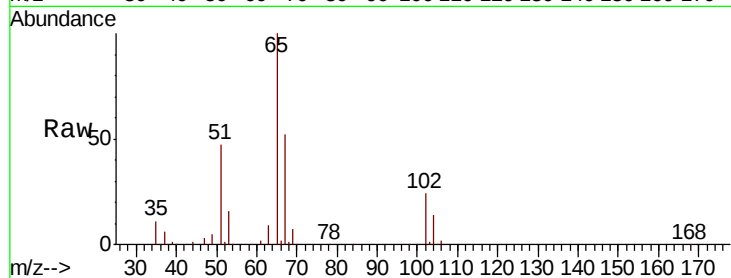
CL-01-121018-D

Tot Ion: 65 Resp: 461396

Ion Ratio Lower Upper

65 100

67 51.6 0.0 106.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.79

200000

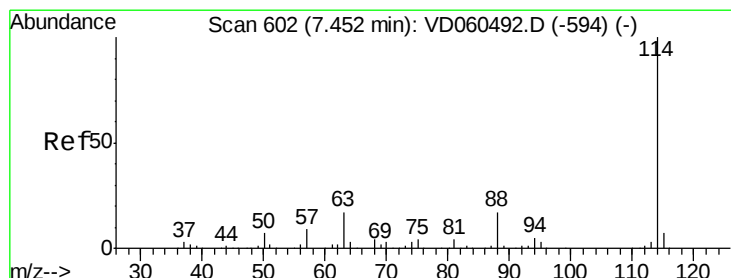
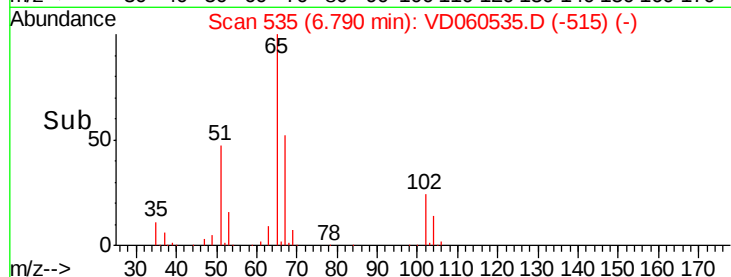
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.45 min Scan# 602

Delta R.T. -0.00 min

Lab File: VD060535.D

Acq: 11 Dec 2018 15:03

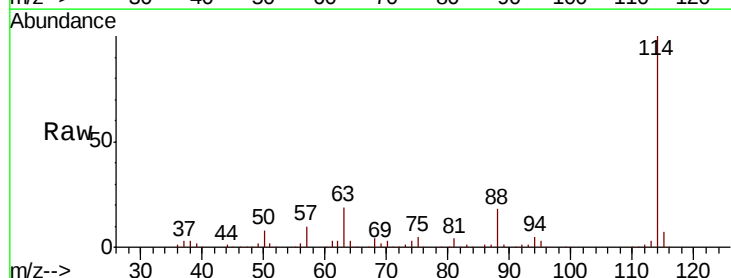
Tgt Ion: 114 Resp: 1966883

Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.2

88 18.2 0.0 35.0



Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

7.45

1000000

800000

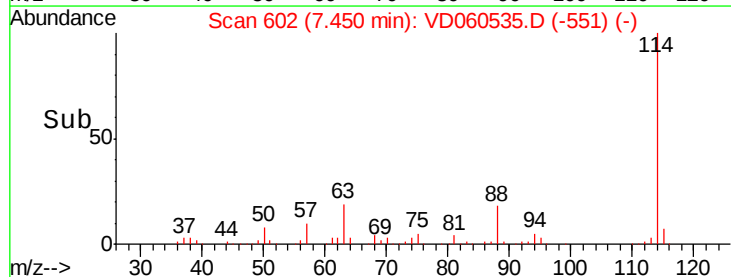
600000

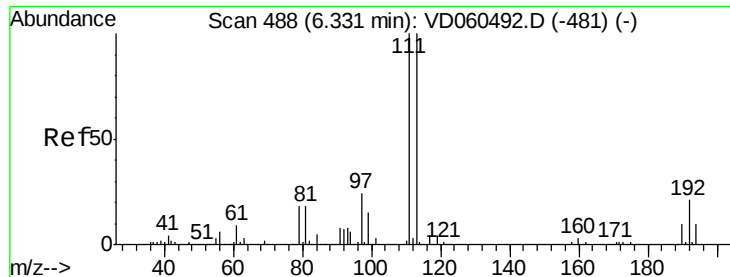
400000

200000

0

Time-->

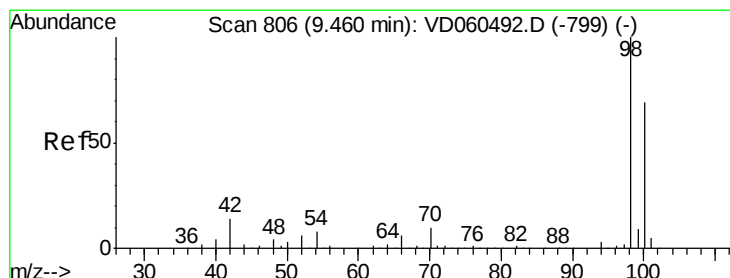
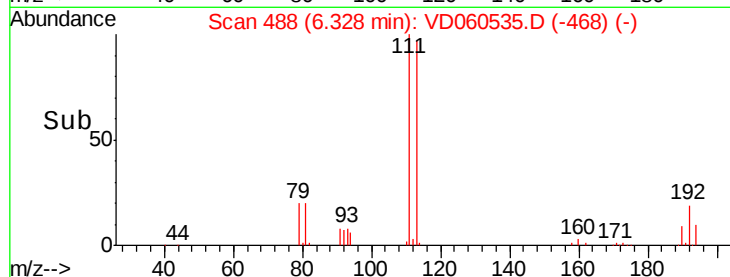
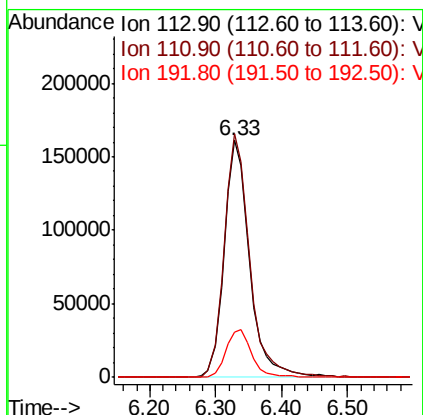
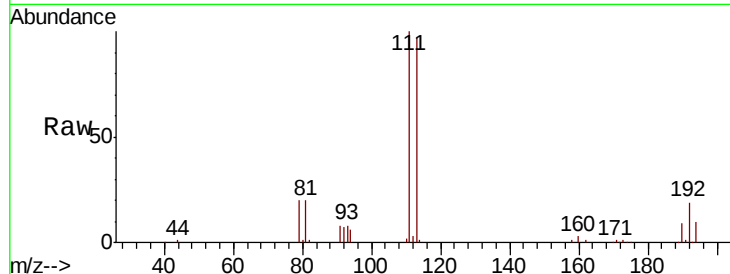




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.33 min Scan# 488
Delta R.T. -0.00 min
Lab File: VD060535.D
Acq: 11 Dec 2018 15:03

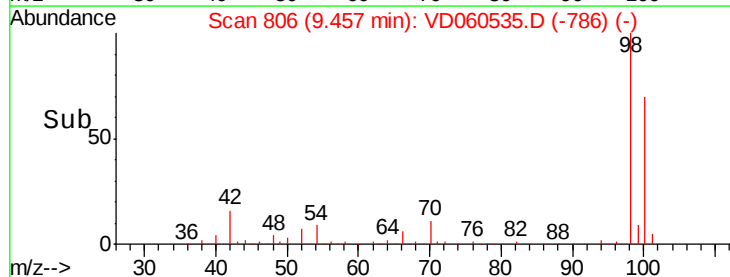
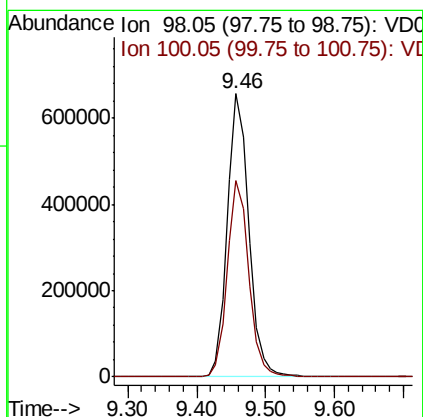
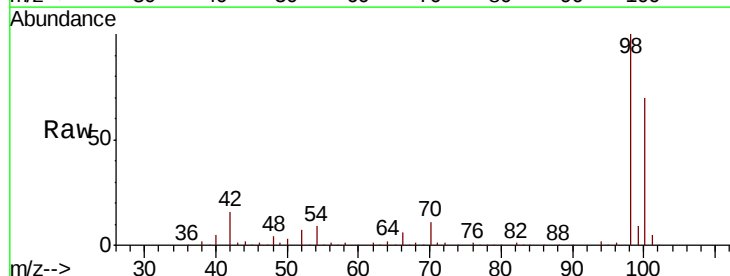
Instrument :
MSVOA_D
ClientSampleId :
CL-01-121018-D

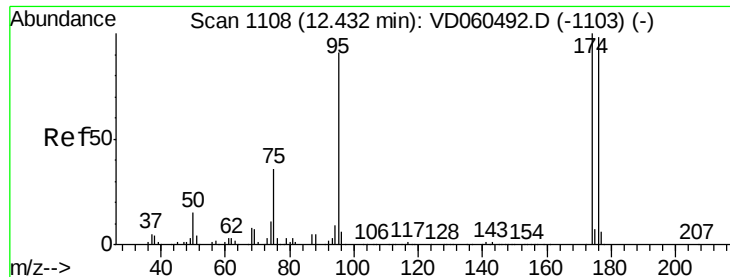
Tot Ion:113 Resp: 435341
Ion Ratio Lower Upper
113 100
111 102.8 80.2 120.4
192 19.2 16.6 24.8



#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 806
Delta R.T. -0.00 min
Lab File: VD060535.D
Acq: 11 Dec 2018 15:03

Tgt Ion: 98 Resp: 1426134
Ion Ratio Lower Upper
98 100
100 69.5 55.7 83.5





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1108

Delta R.T. -0.00 min

Lab File: VD060535.D

Acq: 11 Dec 2018 15:03

Instrument :

MSVOA_D

ClientSampleId :

CL-01-121018-D

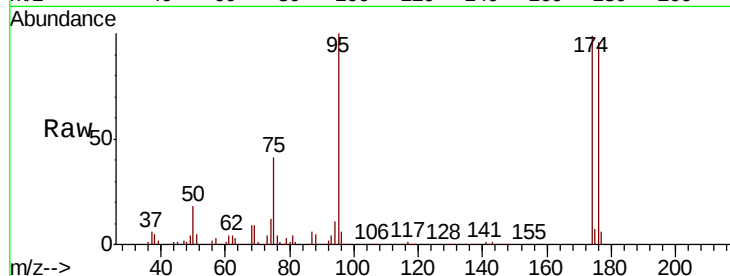
Tot Ion: 95 Resp: 457902

Ion Ratio Lower Upper

95 100

174 98.9 0.0 219.4

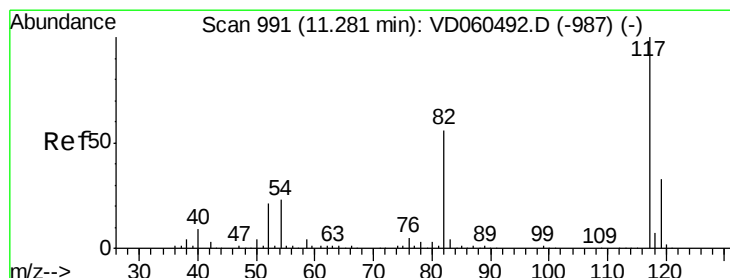
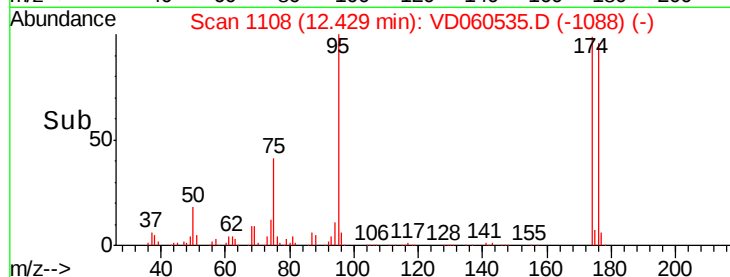
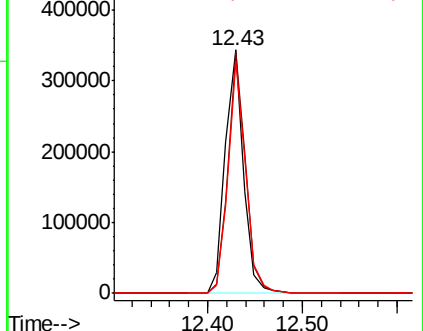
176 95.6 0.0 214.6



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. 0.01 min

Lab File: VD060535.D

Acq: 11 Dec 2018 15:03

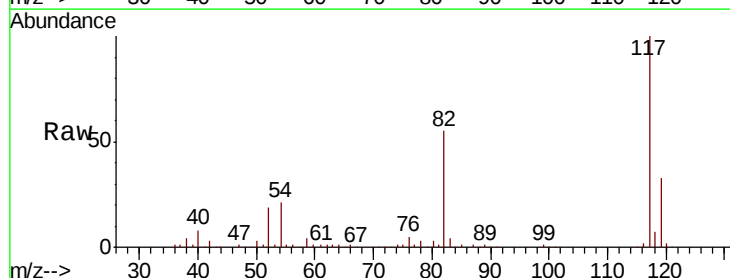
Tgt Ion: 117 Resp: 1393094

Ion Ratio Lower Upper

117 100

82 54.6 45.2 67.8

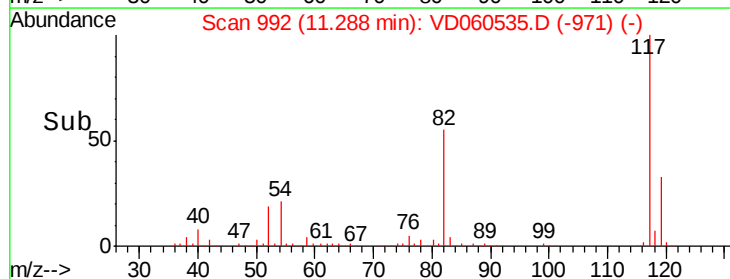
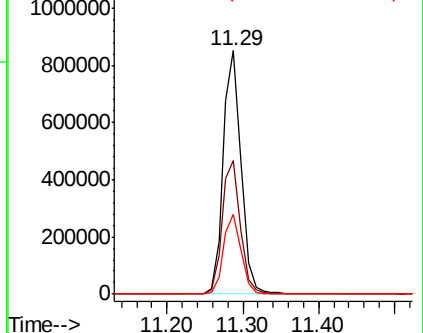
119 32.8 26.1 39.1

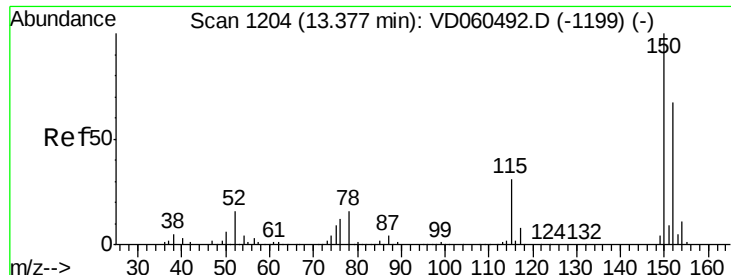


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

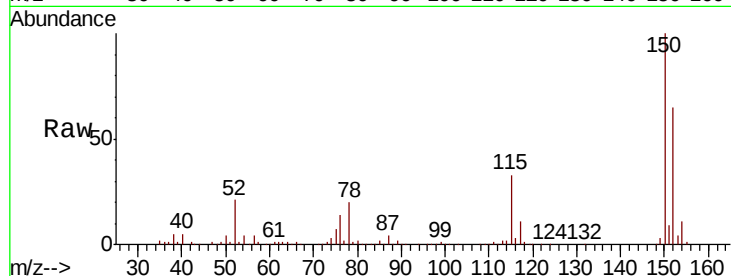




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.37 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: VD060535.D
 Acq: 11 Dec 2018 15:03

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

Tot Ion	Ratio	Lower	Upper
152	100		
115	50.5	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

