

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122118\
 Data File : VD060687.D
 Acq On : 21 Dec 2018 16:46
 Operator : VA/AP
 Sample : J6482-09
 Misc : 5.01g/5ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DPC-91468-OS-01

Quant Time: Dec 21 22:44:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 21 17:37:47 2018
 Response via : Initial Calibration

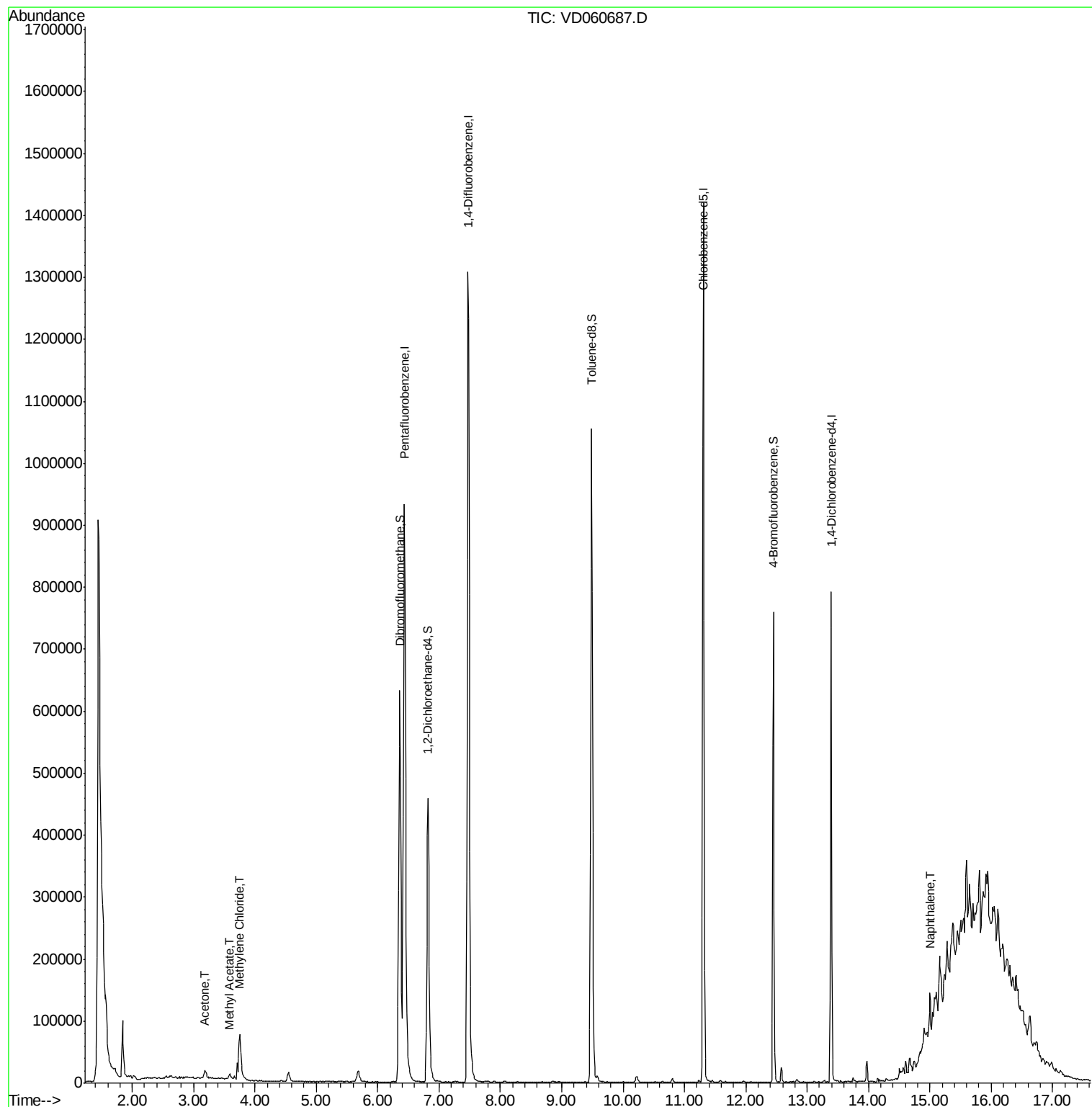
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.44	168	922806	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	7.47	114	1402979	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.31	117	740360	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	13.40	152	203353	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.82	65	371125	58.20	ug/l	0.03
Spiked Amount 50.000			Recovery	=	116.40%	
35) Dibromofluoromethane	6.36	113	492972	48.01	ug/l	0.03
Spiked Amount 50.000			Recovery	=	96.02%	
50) Toluene-d8	9.49	98	832037	27.16	ug/l	0.03
Spiked Amount 50.000			Recovery	=	54.32%	
62) 4-Bromofluorobenzene	12.45	95	202727	18.89	ug/l	0.03
Spiked Amount 50.000			Recovery	=	37.78%	
Target Compounds						
16) Acetone	3.18	43	25221	22.646	ug/l #	85
18) Methyl Acetate	3.58	43	16541	5.993	ug/l #	92
20) Methylene Chloride	3.75	84	46748	4.042	ug/l	95
95) Naphthalene	14.99	128	6956	1.307	ug/l #	93

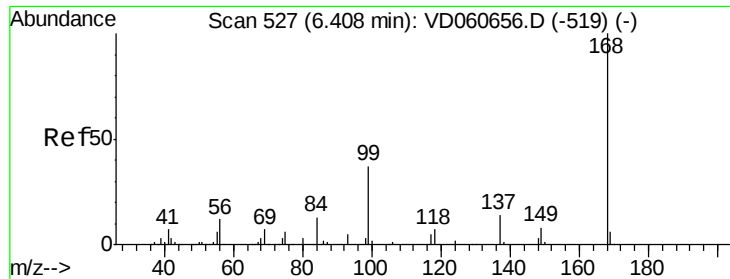
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.44 min Scan# 530

Delta R.T. 0.03 min

Lab File: VD060687.D

Acq: 21 Dec 2018 16:46

Instrument :

MSVOA_D

ClientSampleId :

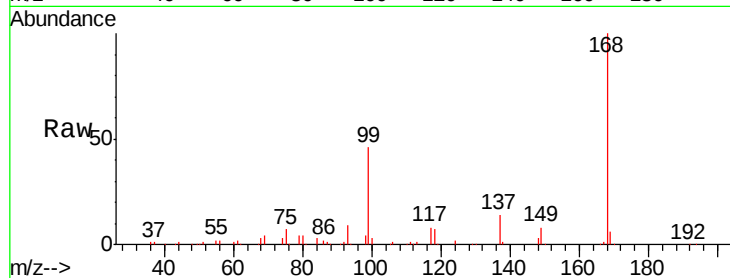
DPC-91468-OS-01

Tgt Ion:168 Resp: 922806

Ion Ratio Lower Upper

168 100

99 46.2 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.44

400000

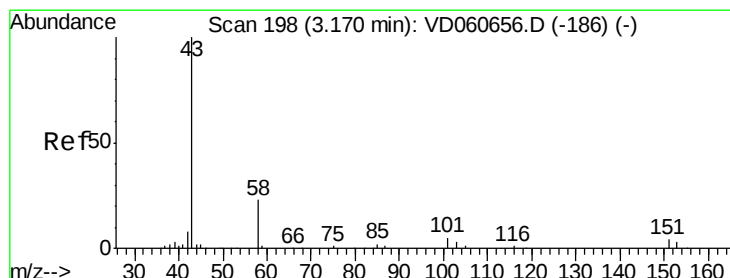
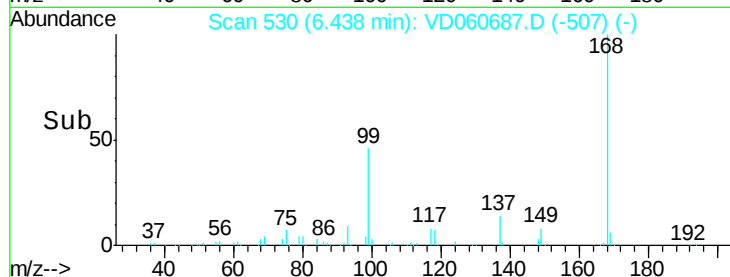
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 22.646 ug/l

RT: 3.18 min Scan# 199

Delta R.T. 0.01 min

Lab File: VD060687.D

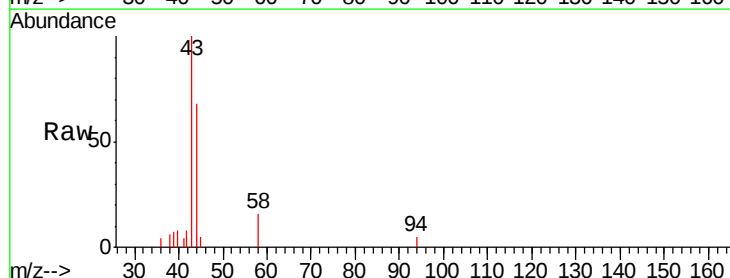
Acq: 21 Dec 2018 16:46

Tgt Ion: 43 Resp: 25221

Ion Ratio Lower Upper

43 100

58 15.7 18.2 27.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

10000

8000

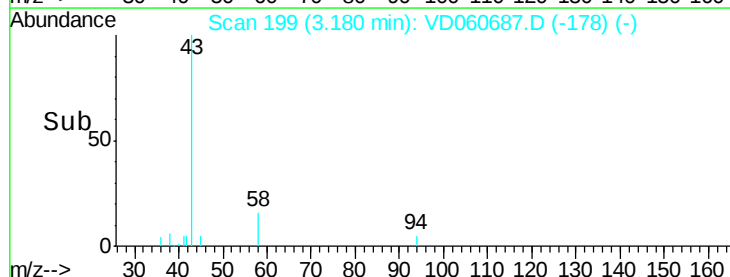
6000

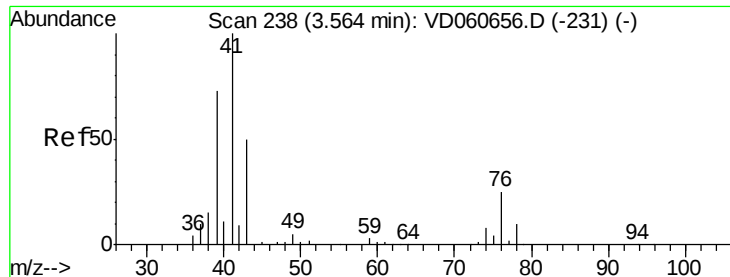
4000

2000

0

Time-->

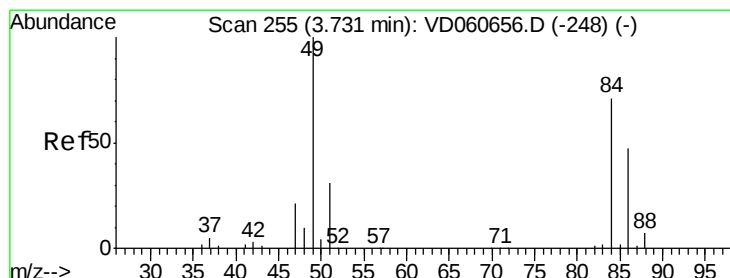
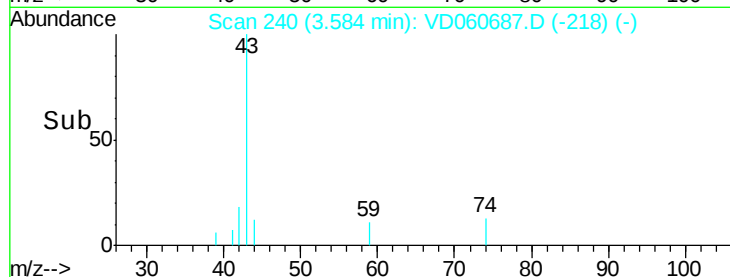
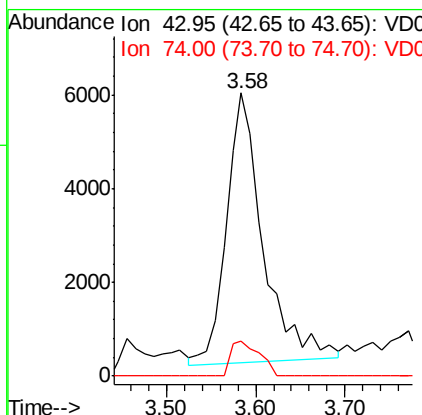
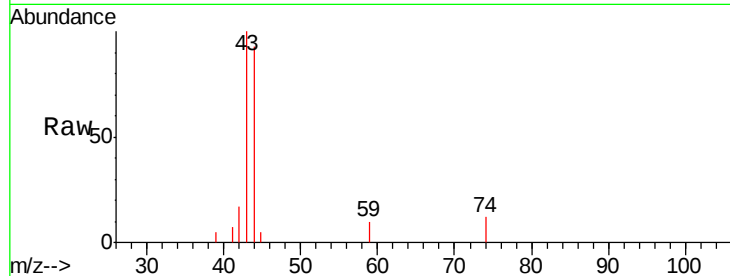




#18
Methyl Acetate
Concen: 5.993 ug/l
RT: 3.58 min Scan# 240
Delta R.T. 0.02 min
Lab File: VD060687.D
Acq: 21 Dec 2018 16:46

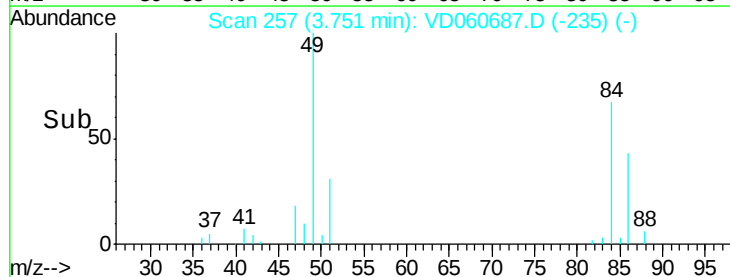
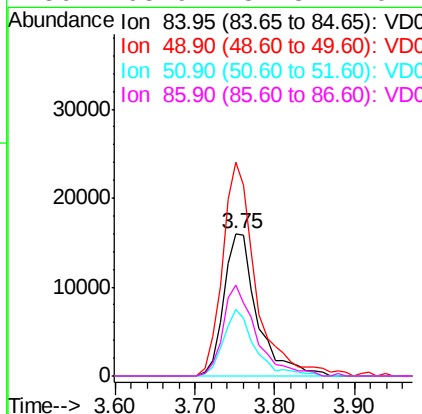
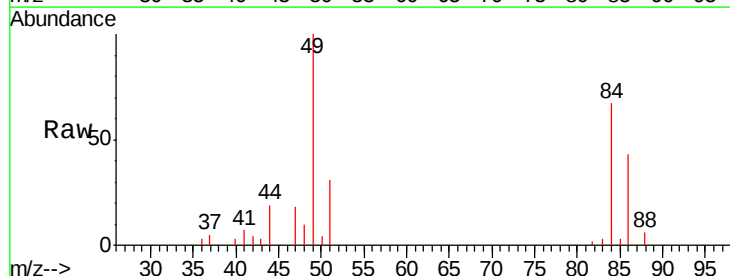
Instrument :
MSVOA_D
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DPC-91468-OS-01

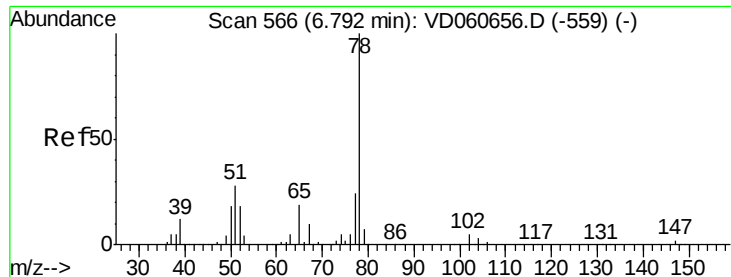
Tgt Ion: 43 Resp: 16541
Ion Ratio Lower Upper
43 100
74 12.3 12.4 18.6#



#20
Methylene Chloride
Concen: 4.042 ug/l
RT: 3.75 min Scan# 257
Delta R.T. 0.02 min
Lab File: VD060687.D
Acq: 21 Dec 2018 16:46

Tgt Ion: 84 Resp: 46748
Ion Ratio Lower Upper
84 100
49 149.8 113.6 170.4
51 46.6 34.7 52.1
86 63.9 52.8 79.2

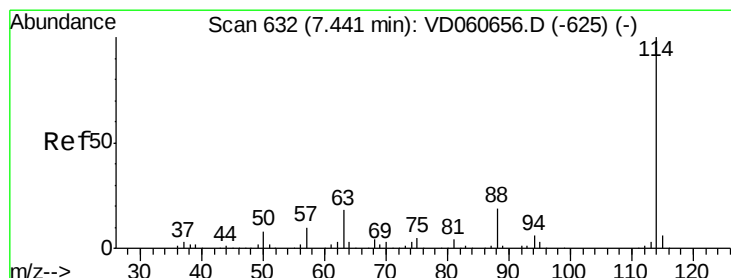
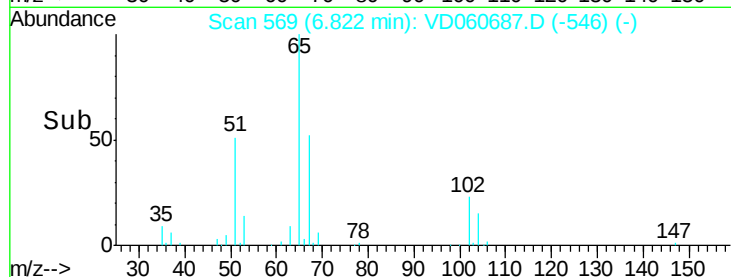
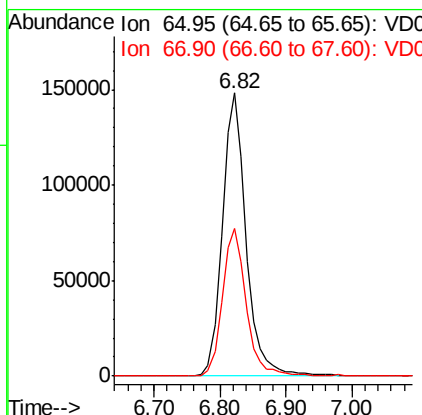
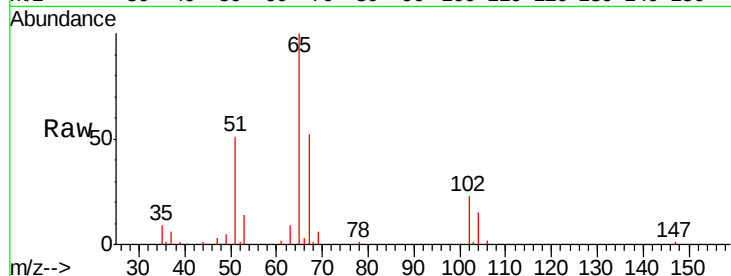




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.82 min Scan# 569
 Delta R.T. 0.03 min
 Lab File: VD060687.D
 Acq: 21 Dec 2018 16:46

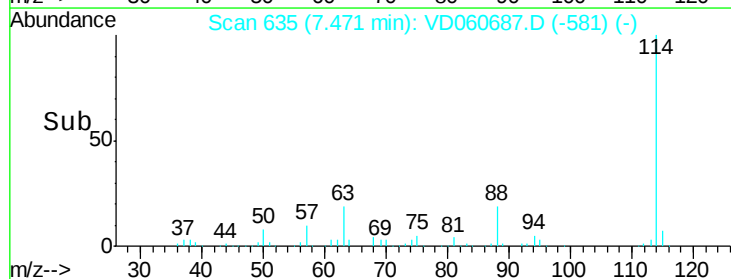
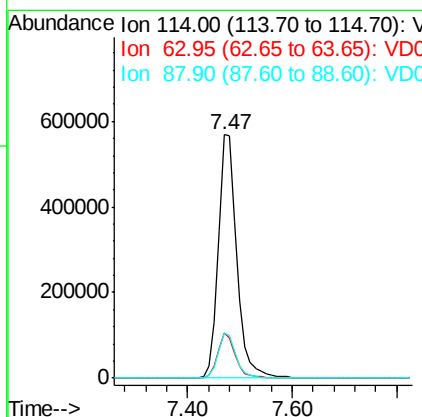
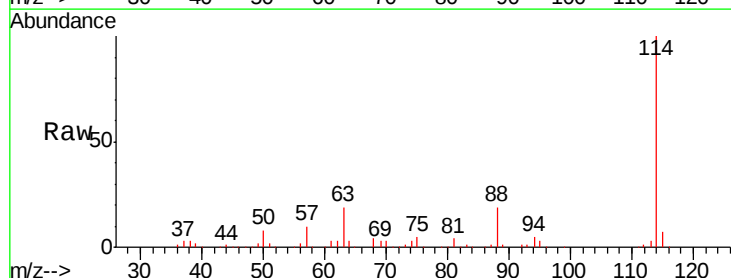
Instrument :
 MSVOA_D
 ClientSampleId :
 DPC-91468-OS-01

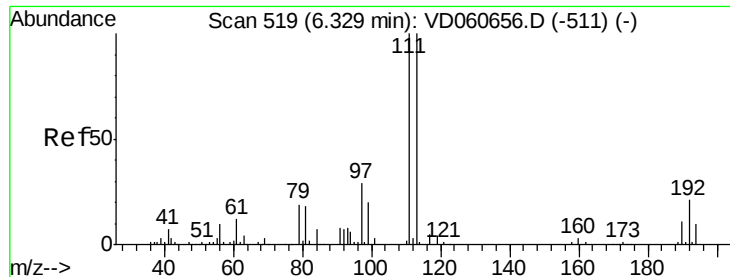
Tgt Ion: 65 Resp: 371125
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.47 min Scan# 635
 Delta R.T. 0.03 min
 Lab File: VD060687.D
 Acq: 21 Dec 2018 16:46

Tgt Ion: 114 Resp: 1402979
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 36.2
 88 18.6 0.0 37.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.36 min Scan# 522

Delta R.T. 0.03 min

Lab File: VD060687.D

Acq: 21 Dec 2018 16:46

Instrument :

MSVOA_D

ClientSampleId :

DPC-91468-OS-01

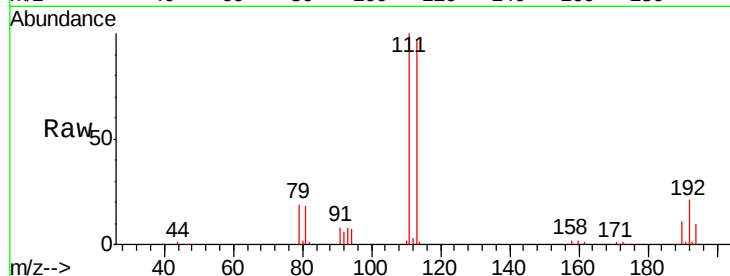
Tgt Ion:113 Resp: 492972

Ion Ratio Lower Upper

113 100

111 103.1 80.0 120.0

192 21.6 16.6 25.0

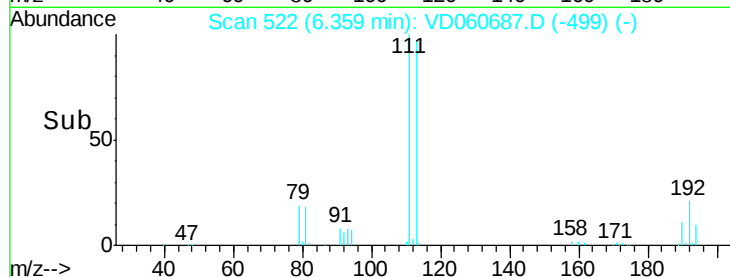


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

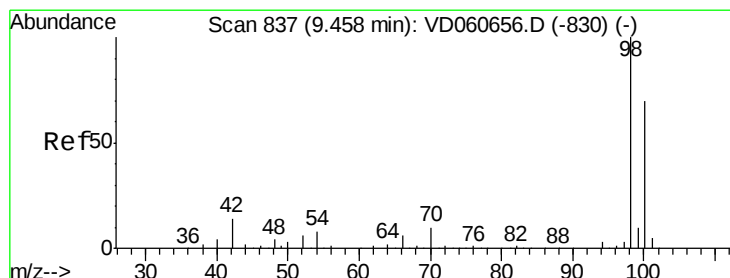
Ion 191.80 (191.50 to 192.50): V

Time-->



6.36

Time-->



#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.49 min Scan# 840

Delta R.T. 0.03 min

Lab File: VD060687.D

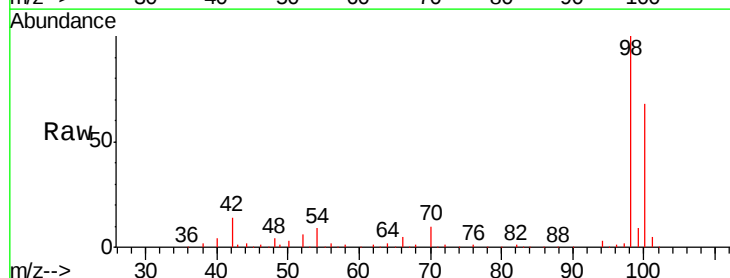
Acq: 21 Dec 2018 16:46

Tgt Ion: 98 Resp: 832037

Ion Ratio Lower Upper

98 100

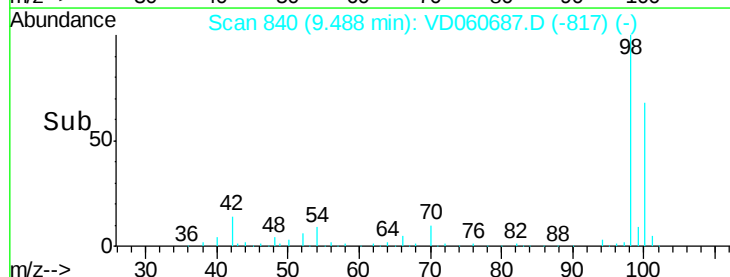
100 68.3 55.8 83.8



Abundance Ion 98.05 (97.75 to 98.75): V

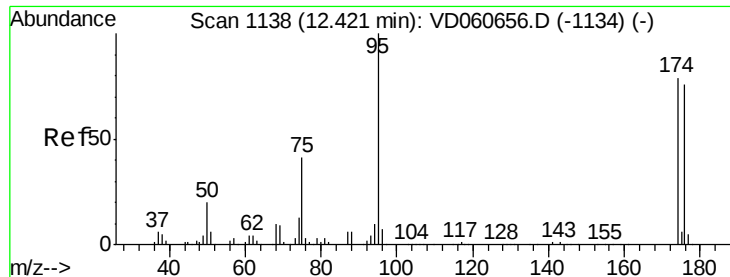
Ion 100.05 (99.75 to 100.75): V

Time-->



9.49

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.45 min Scan# 1141

Delta R.T. 0.03 min

Lab File: VD060687.D

Acq: 21 Dec 2018 16:46

Instrument :

MSVOA_D

ClientSampleId :

DPC-91468-OS-01

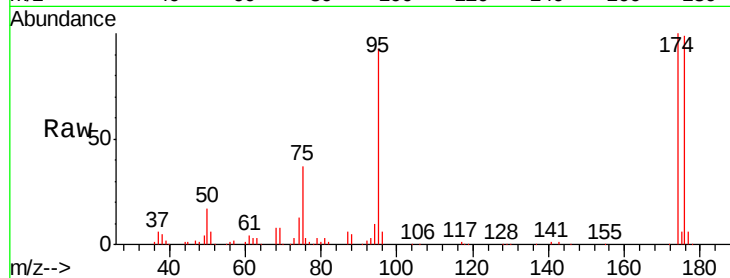
Tgt Ion: 95 Resp: 202727

Ion Ratio Lower Upper

95 100

174 107.7 0.0 158.2

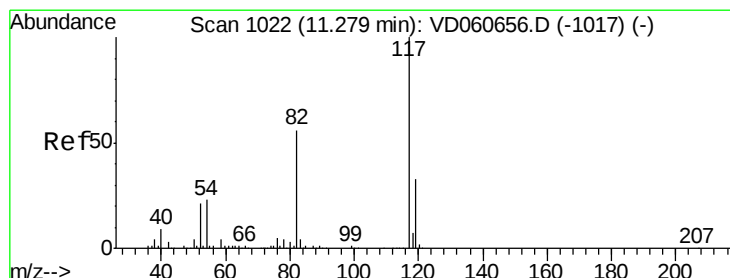
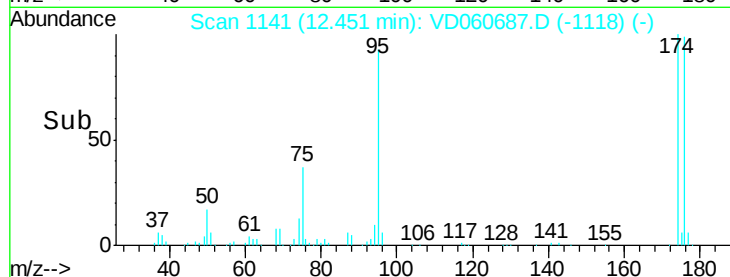
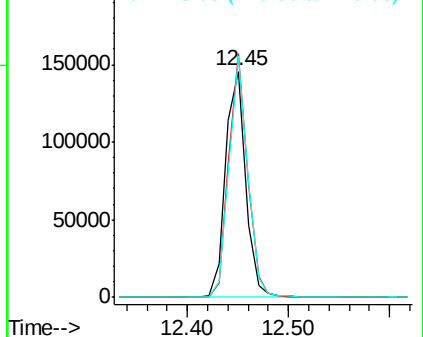
176 106.5 0.0 152.4



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: 11.31 min Scan# 1025

Delta R.T. 0.03 min

Lab File: VD060687.D

Acq: 21 Dec 2018 16:46

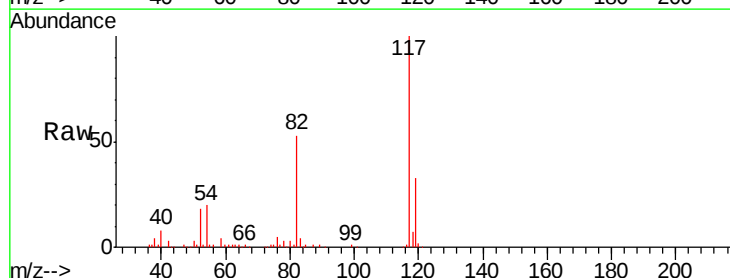
Tgt Ion: 117 Resp: 740360

Ion Ratio Lower Upper

117 100

82 52.7 44.5 66.7

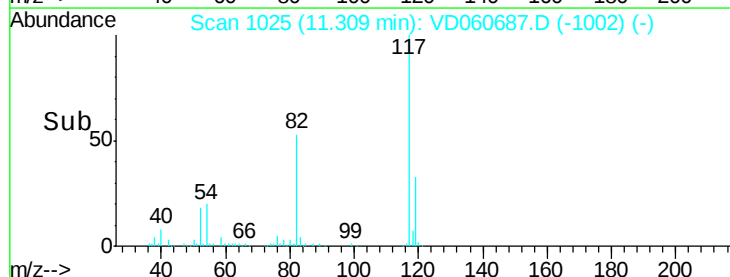
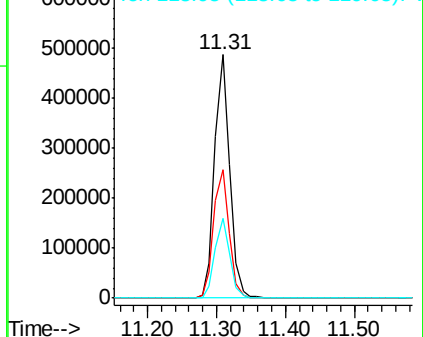
119 32.9 26.3 39.5

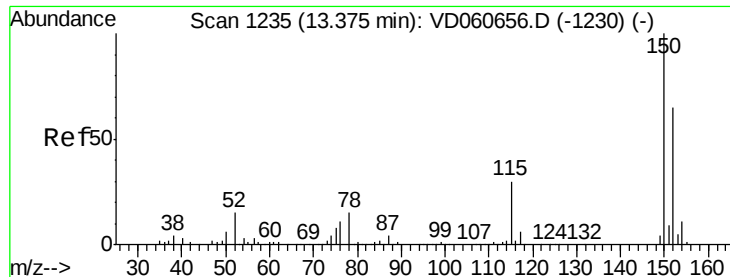


Abundance Ion 116.95 (116.65 to 117.65): V

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: 13.40 min Scan# 1237

Delta R.T. 0.02 min

Lab File: VD060687.D

Acq: 21 Dec 2018 16:46

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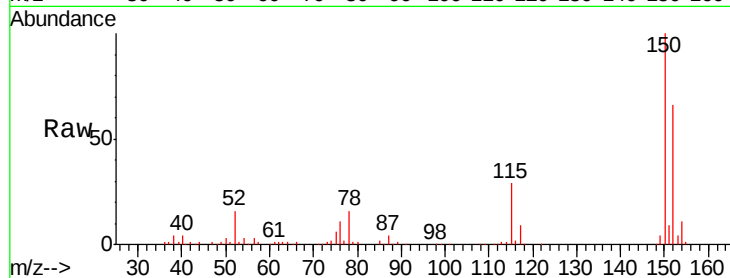
Tgt Ion:152 Resp: 203353

Ion Ratio Lower Upper

152 100

115 43.5 24.1 72.3

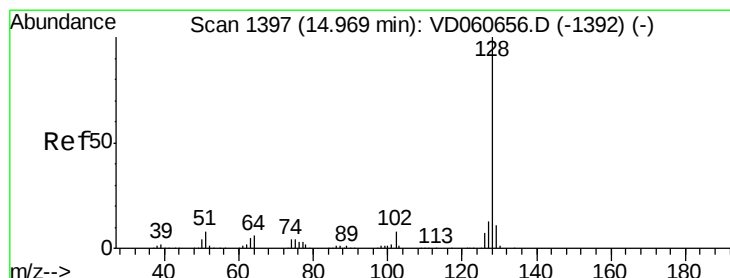
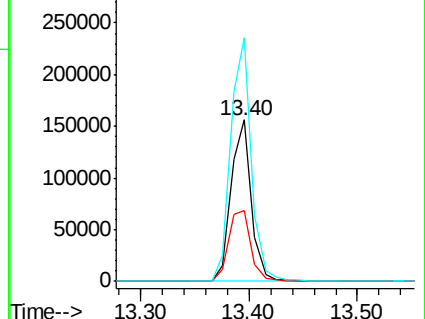
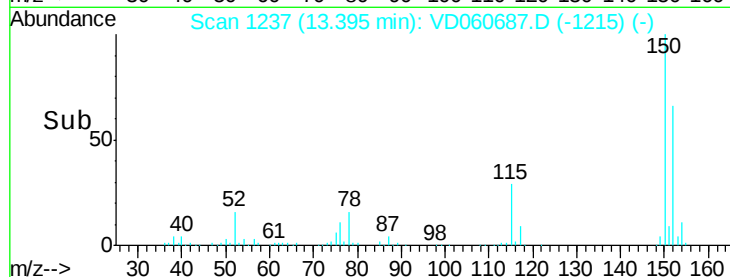
150 150.7 0.0 315.0



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



#95

Naphthalene

Concen: 1.307 ug/l

RT: 14.99 min Scan# 1399

Delta R.T. 0.02 min

Lab File: VD060687.D

Acq: 21 Dec 2018 16:46

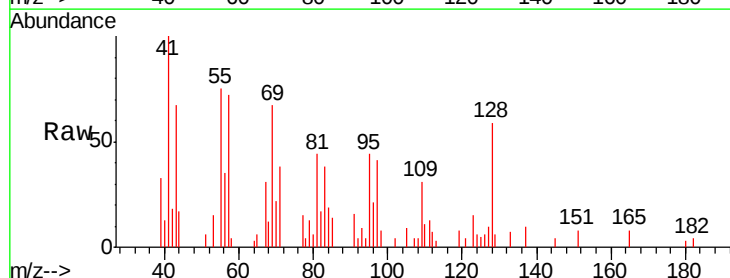
Tgt Ion:128 Resp: 6956

Ion Ratio Lower Upper

128 100

127 17.1 10.1 15.1#

129 10.2 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

