

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112018\
 Data File : VD060431.D
 Acq On : 20 Nov 2018 17:28
 Operator : JC/SY
 Sample : J5772-05
 Misc : 6.14g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-01-112018-B

Quant Time: Nov 21 02:11:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 19 16:31:59 2018
 Response via : Initial Calibration

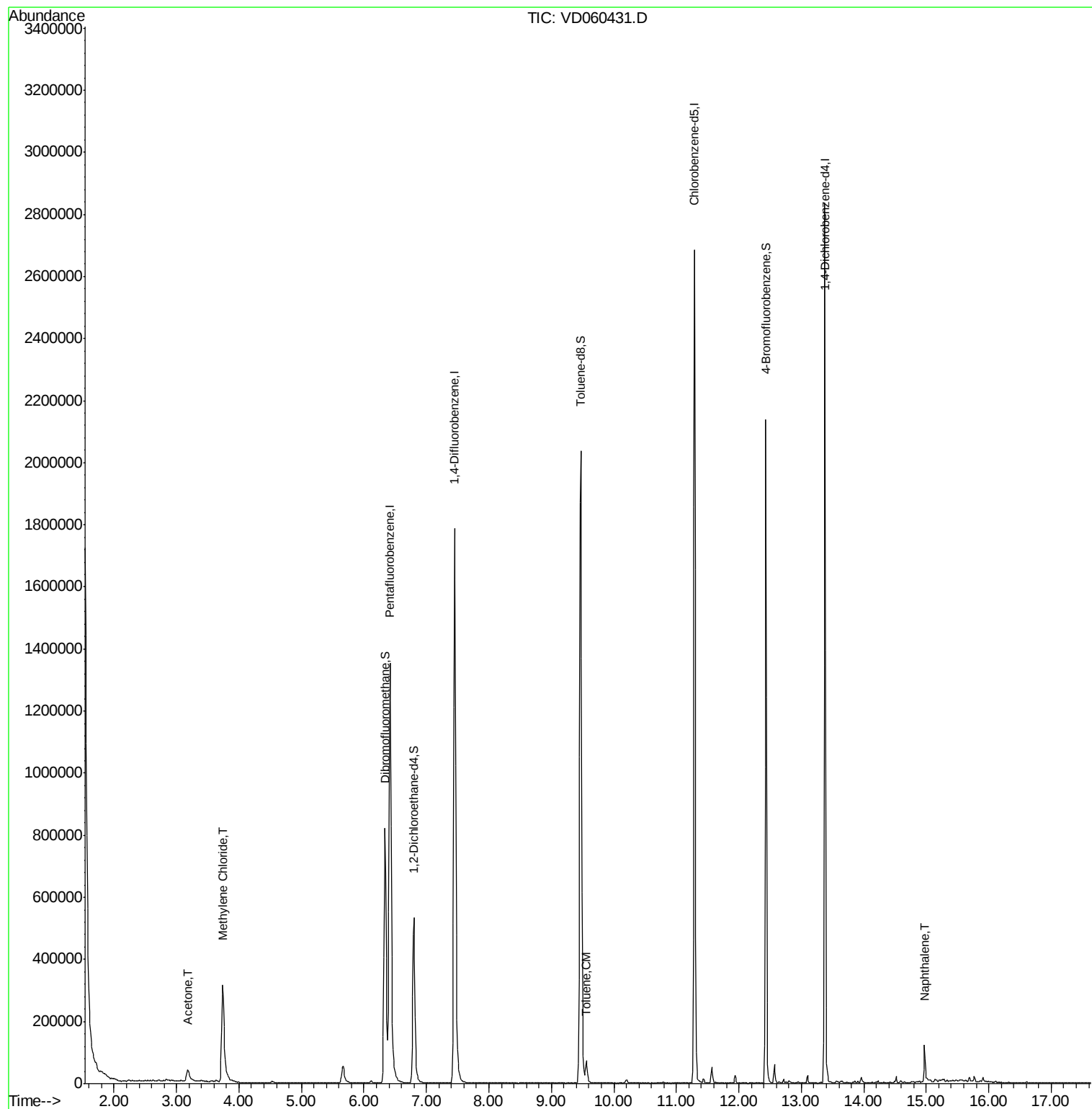
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1358486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.45	114	1927230	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1463373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	614295	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.80	65	452884	46.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.12%	
35) Dibromofluoromethane	6.34	113	662318	46.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.18%	
50) Toluene-d8	9.47	98	1696057	40.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.64%	
62) 4-Bromofluorobenzene	12.43	95	592549	38.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.76%	
Target Compounds						
16) Acetone	3.18	43	93880	55.641	ug/l	93
20) Methylene Chloride	3.74	84	218609	14.606	ug/l	99
52) Toluene	9.56	92	32113	1.034	ug/l	100
95) Naphthalene	14.97	128	67083	3.988	ug/l	98

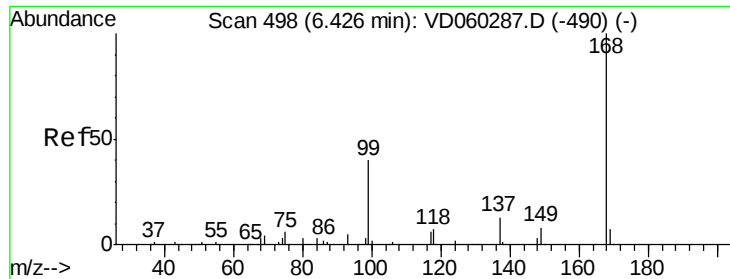
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD112018\
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Quant Title : SW846 8260
QLast Update : Mon Nov 19 16:31:59 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: VD060431.D

Acq: 20 Nov 2018 17:28

Instrument :

MSVOA_D

ClientSampleId :

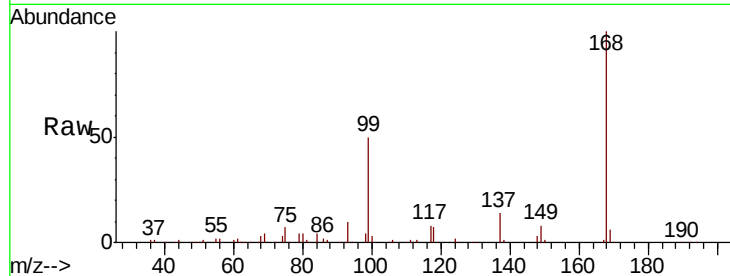
PL-01-112018-B

Tot Ion:168 Resp: 1358486

Ion Ratio Lower Upper

168 100

99 50.5 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

500000

400000

300000

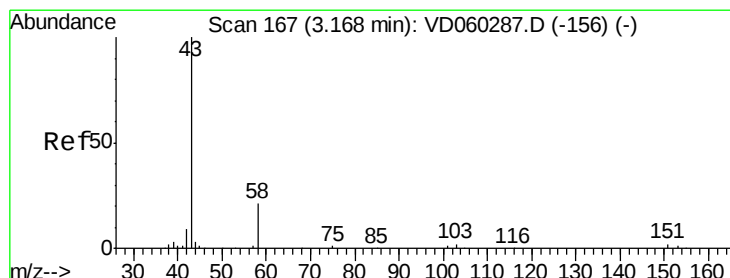
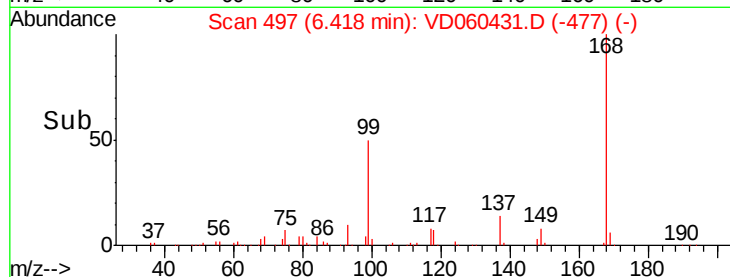
200000

100000

0

6.30 6.40 6.50 6.60

Time-->



#16

Acetone

Concen: 55.641 ug/l

RT: 3.18 min Scan# 168

Delta R.T. 0.01 min

Lab File: VD060431.D

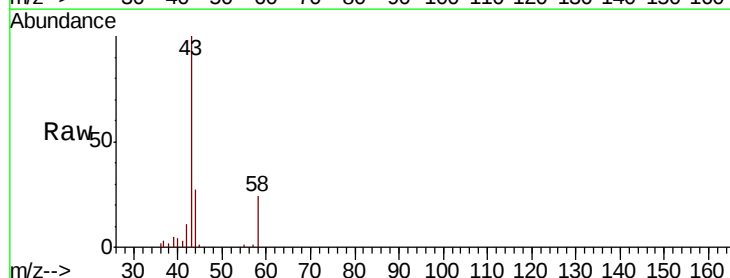
Acq: 20 Nov 2018 17:28

Tgt Ion: 43 Resp: 93880

Ion Ratio Lower Upper

43 100

58 24.4 16.9 25.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.18

25000

20000

15000

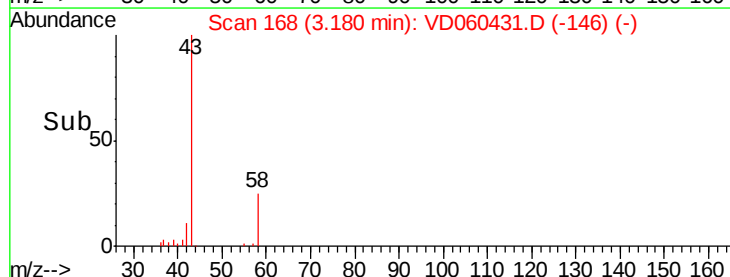
10000

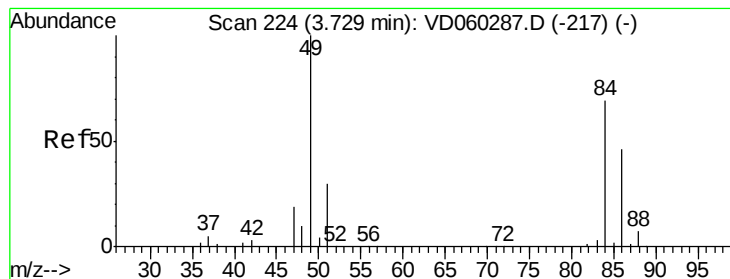
5000

0

3.00 3.10 3.20 3.30 3.40

Time-->





#20

Methylene Chloride

Concen: 14.606 ug/l

RT: 3.74 min Scan# 225

Delta R.T. 0.01 min

Lab File: VD060431.D

Acq: 20 Nov 2018 17:28

Instrument :

MSVOA_D

ClientSampleId :

PL-01-112018-B

Tot Ion: 84 Resp: 218609

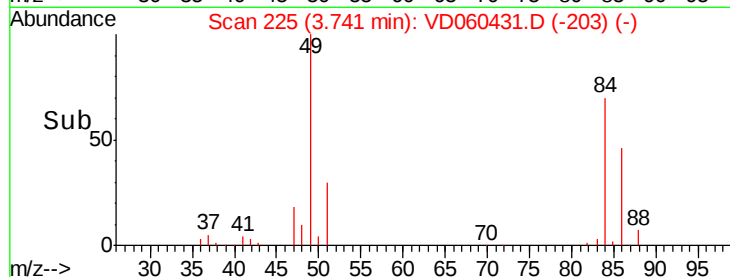
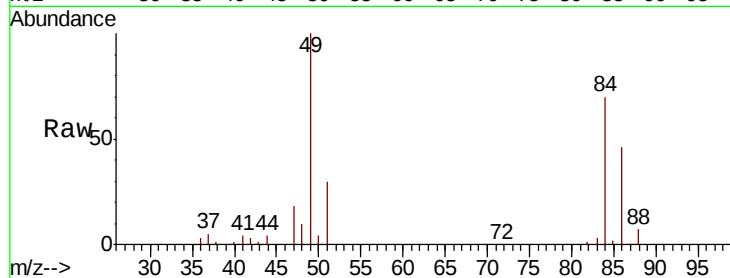
Ion Ratio Lower Upper

84 100

49 142.9 115.6 173.4

51 43.2 35.6 53.4

86 65.4 52.3 78.5



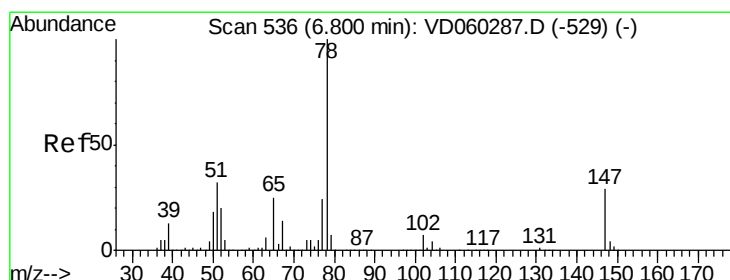
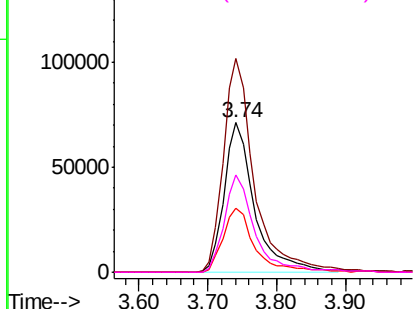
Abundance

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



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.80 min Scan# 536

Delta R.T. 0.00 min

Lab File: VD060431.D

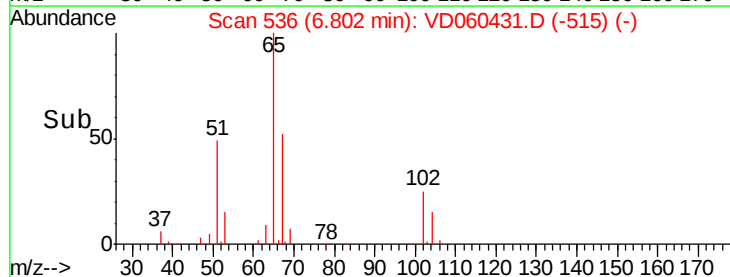
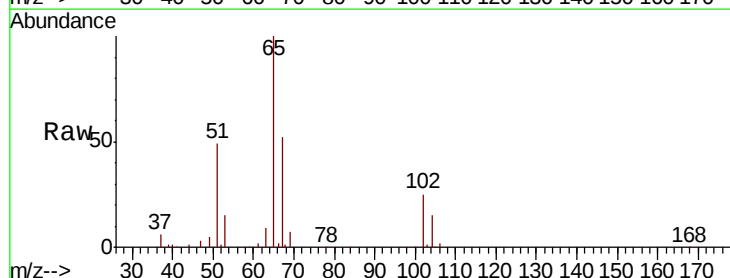
Acq: 20 Nov 2018 17:28

Tgt Ion: 65 Resp: 452884

Ion Ratio Lower Upper

65 100

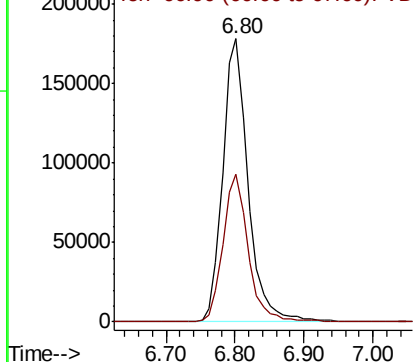
67 52.2 0.0 109.8

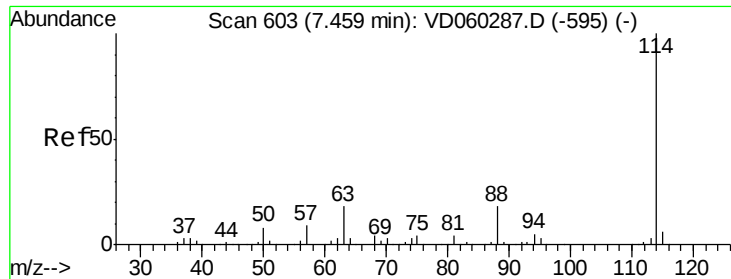


Abundance

Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

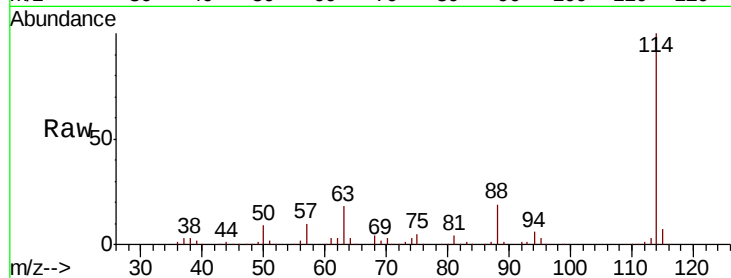




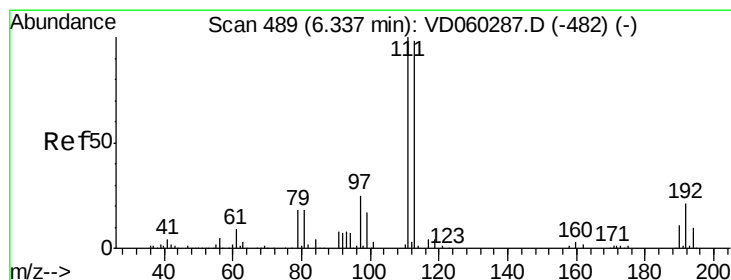
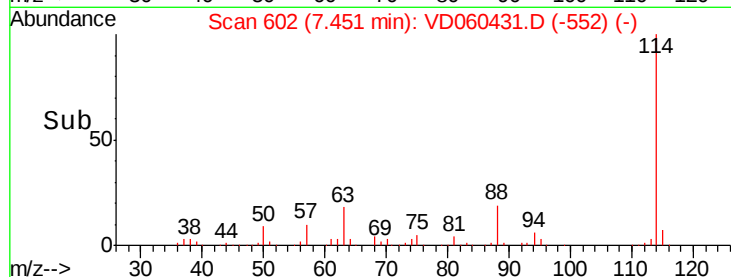
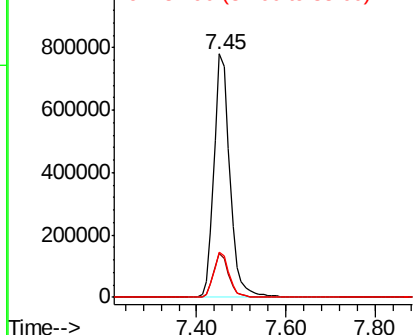
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: VD060431.D
 Acq: 20 Nov 2018 17:28

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-01-112018-B

Tot Ion:114 Resp: 1927230
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 34.0
 88 18.7 0.0 35.4

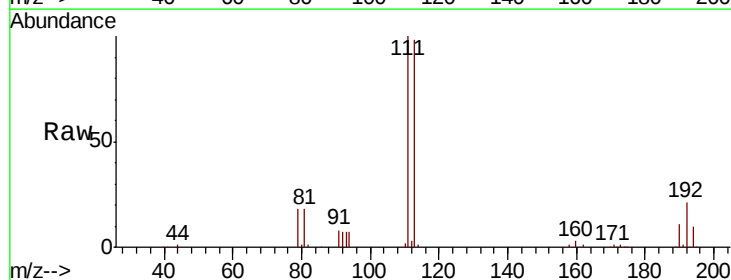


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

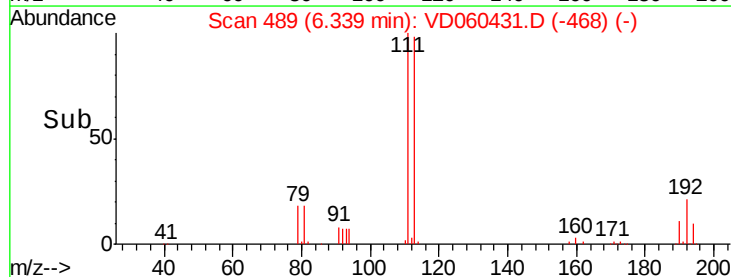
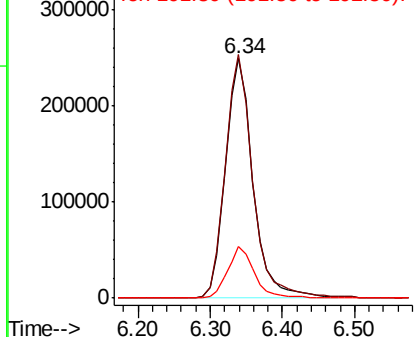


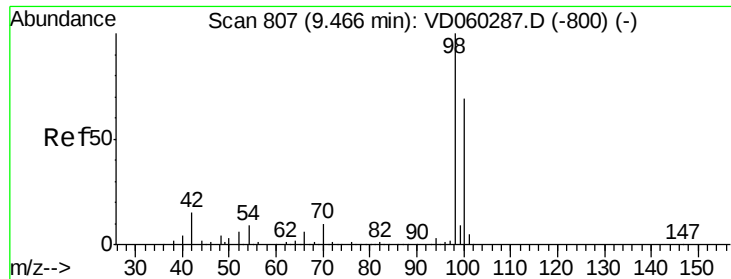
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.34 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: VD060431.D
 Acq: 20 Nov 2018 17:28

Tgt Ion:113 Resp: 662318
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.6 122.4
 192 21.5 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: 9.47 min Scan# 807

Delta R.T. 0.00 min

Lab File: VD060431.D

Acq: 20 Nov 2018 17:28

Instrument :

MSVOA_D

ClientSampleId :

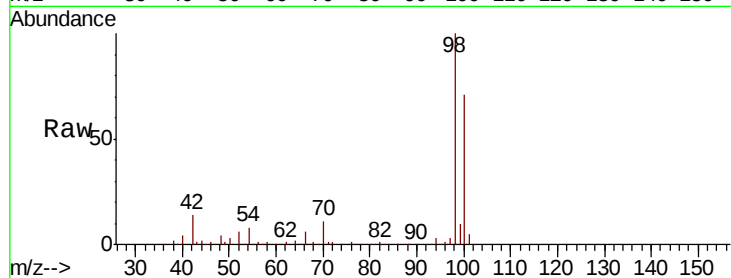
PL-01-112018-B

Tot Ion: 98 Resp: 1696057

Ion Ratio Lower Upper

98 100

100 70.9 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

800000

600000

400000

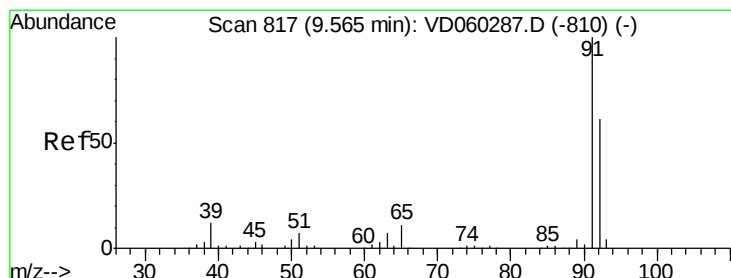
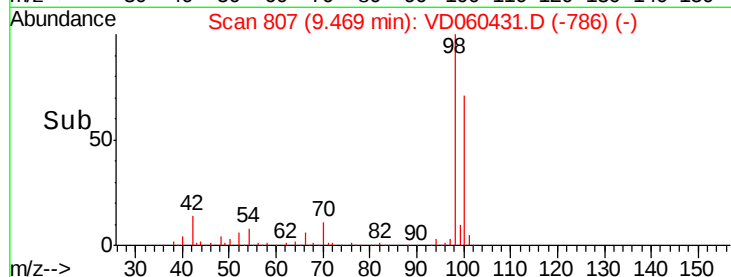
200000

0

9.47

9.30 9.40 9.50 9.60

Time-->



#52

Toluene

Concen: 1.034 ug/l

RT: 9.56 min Scan# 816

Delta R.T. -0.01 min

Lab File: VD060431.D

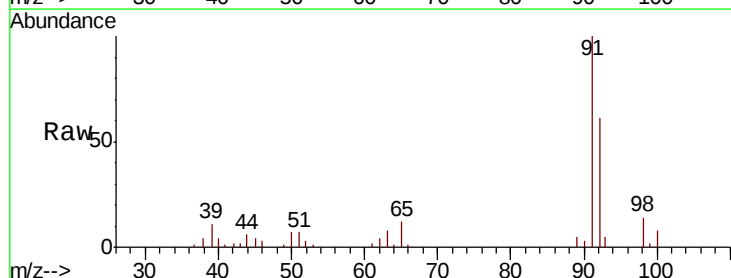
Acq: 20 Nov 2018 17:28

Tgt Ion: 92 Resp: 32113

Ion Ratio Lower Upper

92 100

91 164.6 131.9 197.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

30000

25000

20000

15000

10000

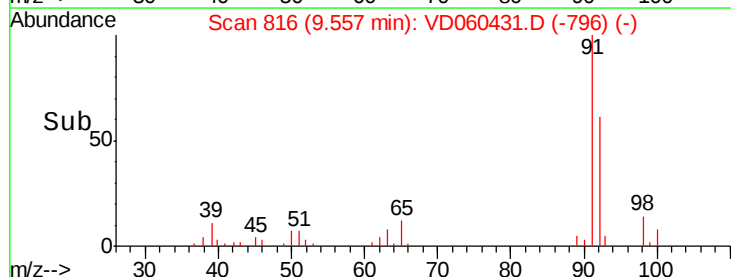
5000

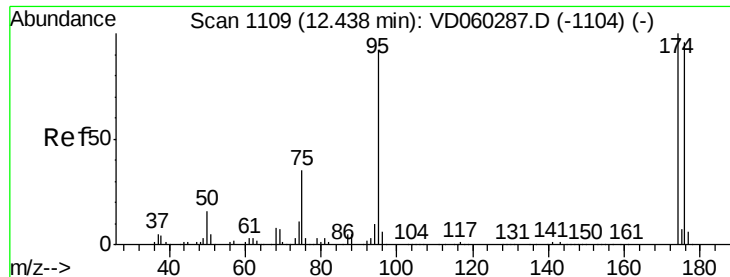
0

9.56

9.45 9.50 9.55 9.60 9.65

Time-->





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1108

Delta R.T. -0.01 min

Lab File: VD060431.D

Acq: 20 Nov 2018 17:28

Instrument :

MSVOA_D

ClientSampleId :

PL-01-112018-B

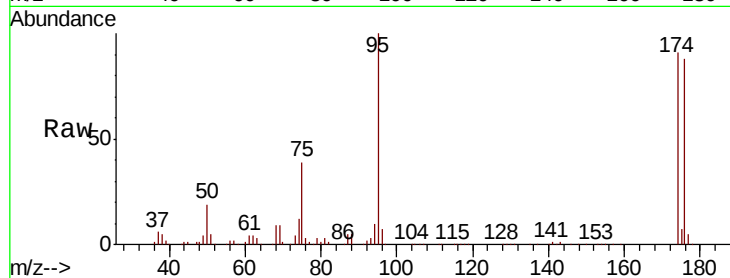
Tot Ion: 95 Resp: 592549

Ion Ratio Lower Upper

95 100

174 91.5 0.0 160.8

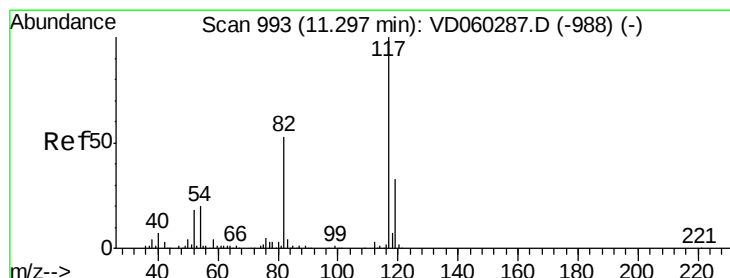
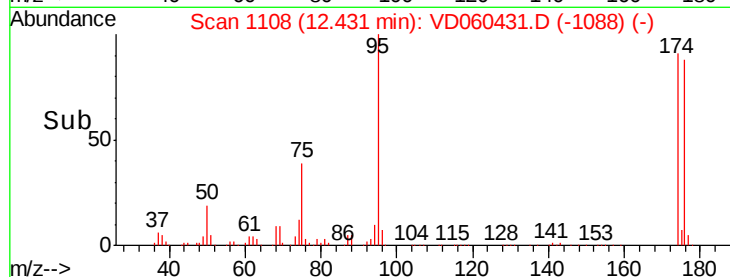
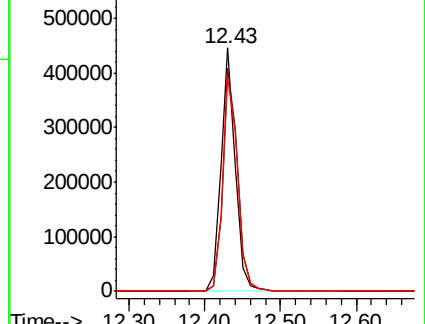
176 88.0 0.0 154.6



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# 992

Delta R.T. -0.01 min

Lab File: VD060431.D

Acq: 20 Nov 2018 17:28

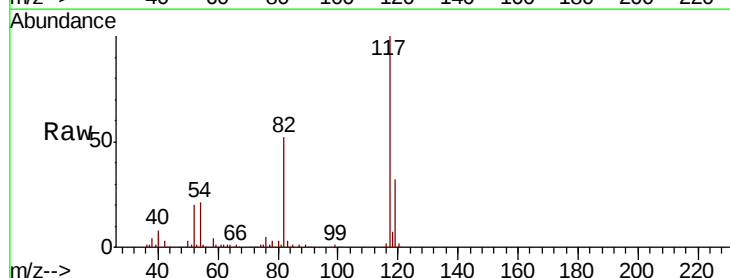
Tgt Ion: 117 Resp: 1463373

Ion Ratio Lower Upper

117 100

82 52.5 43.7 65.5

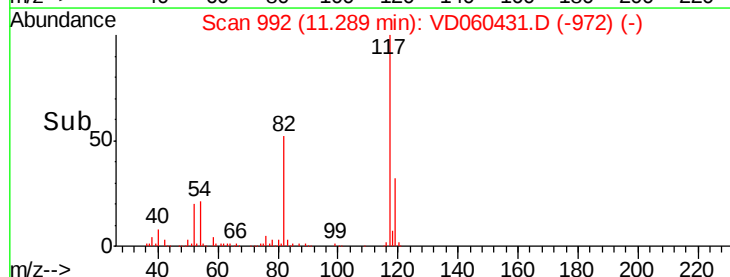
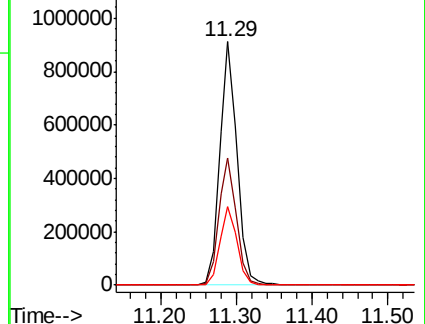
119 32.4 26.1 39.1

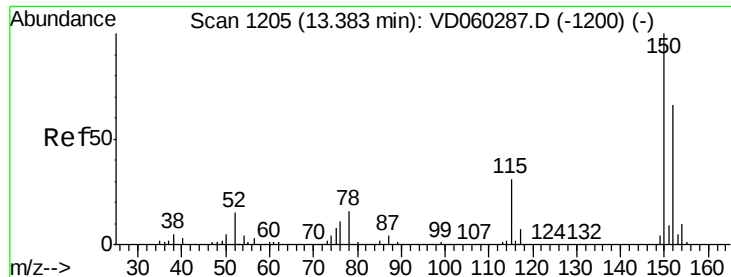


Abundance Ion 116.95 (116.65 to 117.65): V

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# 1204

Delta R.T. -0.01 min

Lab File: VD060431.D

Acq: 20 Nov 2018 17:28

Instrument :

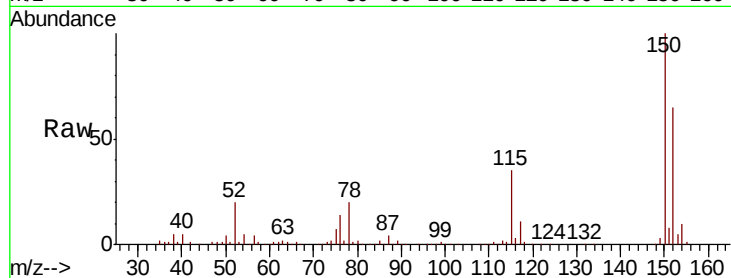
MSVOA_D

ClientSampleId :

PL-01-112018-B

Tot Ion:152 Resp: 614295

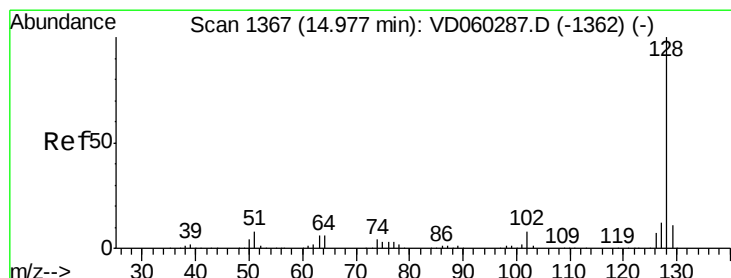
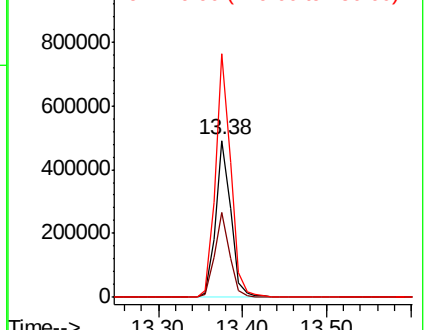
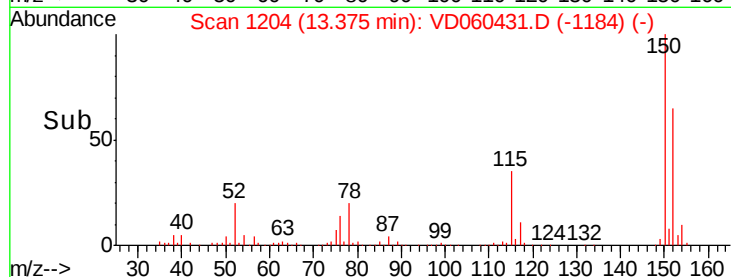
Ion	Ratio	Lower	Upper
152	100		
115	54.3	24.1	72.3
150	155.0	0.0	310.6



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



#95

Naphthalene

Concen: 3.988 ug/l

RT: 14.97 min Scan# 1366

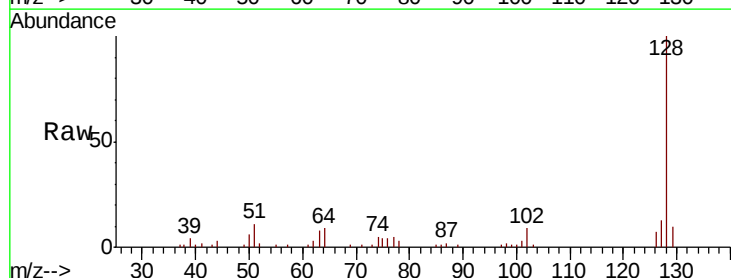
Delta R.T. -0.01 min

Lab File: VD060431.D

Acq: 20 Nov 2018 17:28

Tgt Ion:128 Resp: 67083

Ion	Ratio	Lower	Upper
128	100		
127	13.1	9.6	14.4
129	10.2	8.6	12.8



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

