

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032019\
 Data File : VD061235.D
 Acq On : 21 Mar 2019 5:34
 Operator : VA/AP
 Sample : K1688-37
 Misc : 5.62g/5ml/MSVOA D/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-02-031919-I

Quant Time: Mar 22 03:58:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

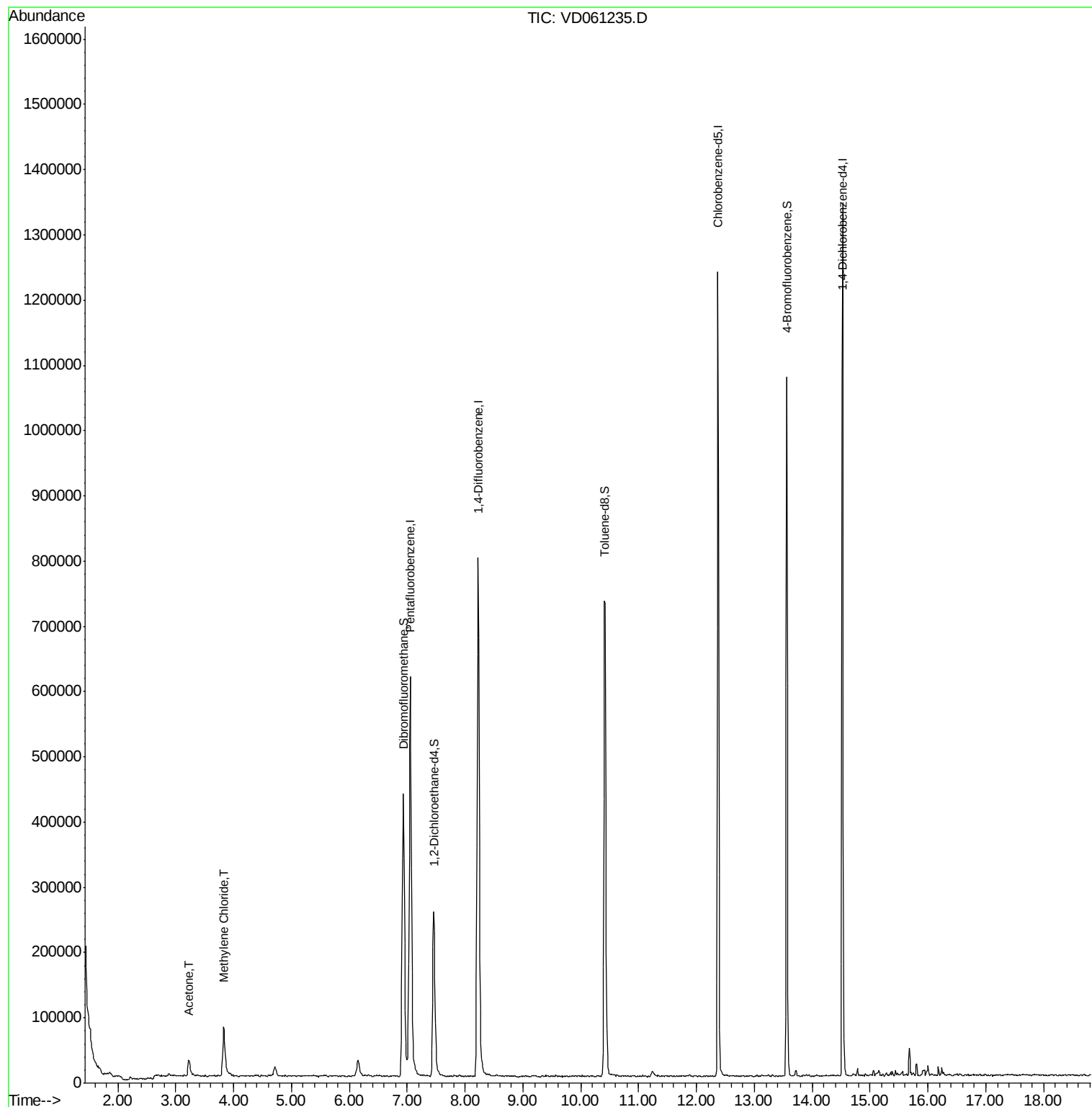
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	618737	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	986474	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	766958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	321812	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	252336	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
35) Dibromofluoromethane	6.93	113	409326	55.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.82%	
50) Toluene-d8	10.42	98	649833	35.35	ug/l	0.02
Spiked Amount 50.000			Recovery	=	70.70%	
62) 4-Bromofluorobenzene	13.56	95	330485	46.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.66%	
Target Compounds						
16) Acetone	3.22	43	54496	37.002	ug/l	99
20) Methylene Chloride	3.82	84	63587	5.300	ug/l	92

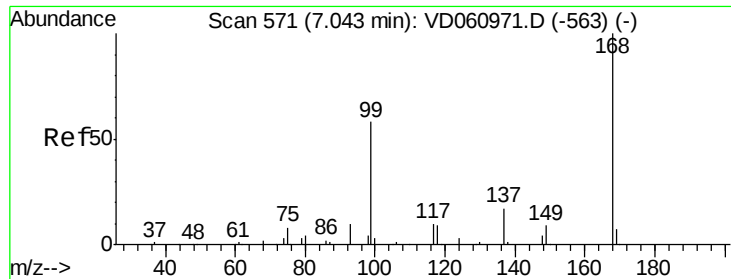
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD061235.D

Acq: 21 Mar 2019 5:34

Instrument :

MSVOA_D

ClientSampleId :

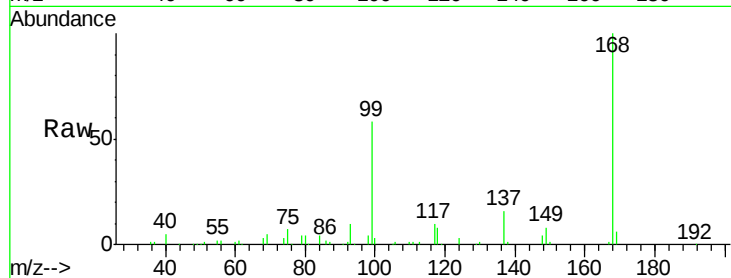
JC-02-031919-I

Tot Ion:168 Resp: 618737

Ion Ratio Lower Upper

168 100

99 57.7 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

250000

200000

150000

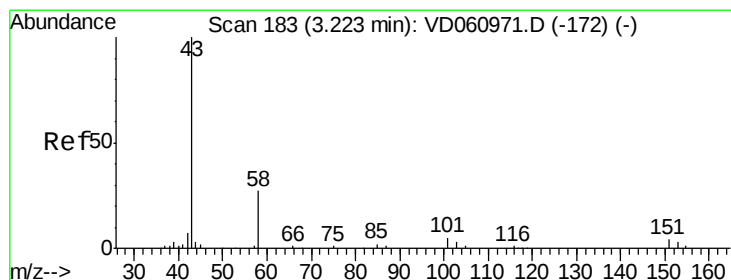
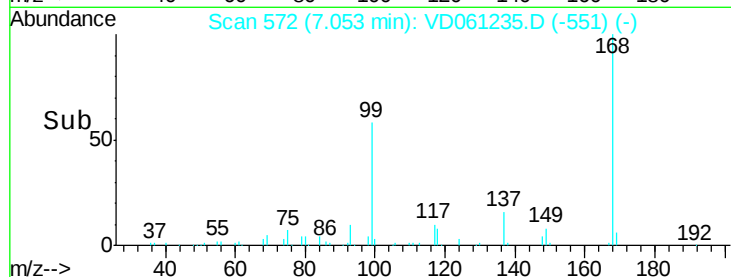
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 37.002 ug/l

RT: 3.22 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD061235.D

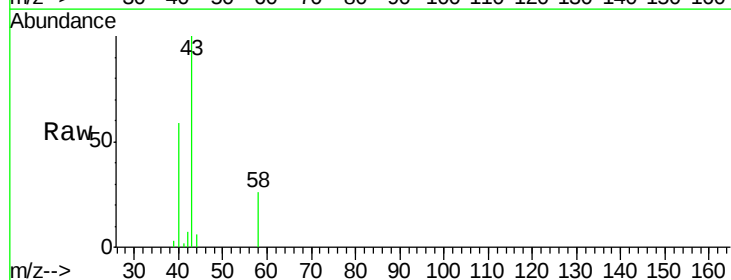
Acq: 21 Mar 2019 5:34

Tgt Ion: 43 Resp: 54496

Ion Ratio Lower Upper

43 100

58 26.4 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

20000

15000

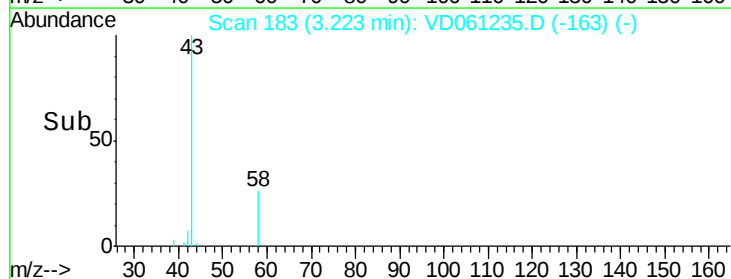
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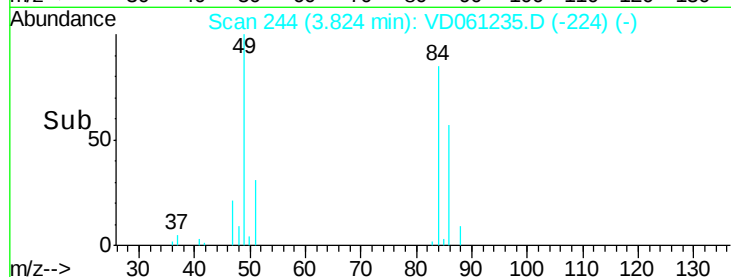
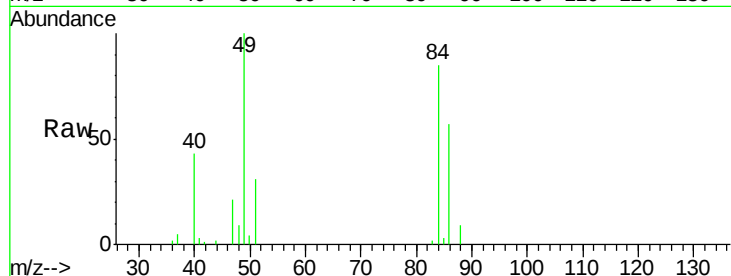
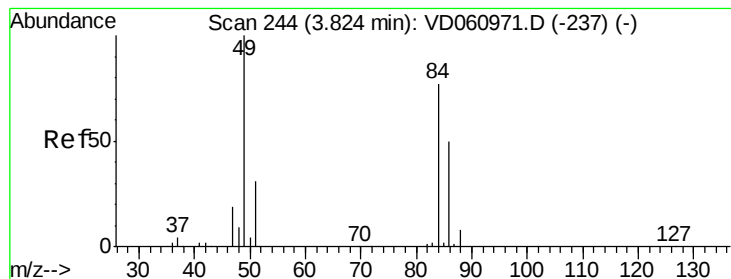
5000

0

Time-->

3.10 3.20 3.30 3.40





#20

Methylene Chloride

Concen: 5.300 ug/l

RT: 3.82 min Scan# 244

Delta R.T. 0.00 min

Lab File: VD061235.D

Acq: 21 Mar 2019 5:34

Instrument :

MSVOA_D

ClientSampleId :

JC-02-031919-I

Tot Ion: 84 Resp: 63587

Ion Ratio Lower Upper

84 100

49 117.0 104.2 156.2

51 36.7 32.3 48.5

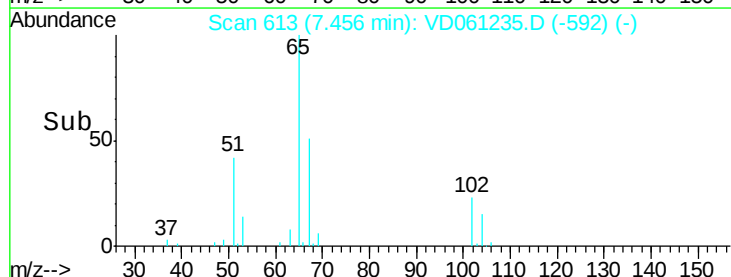
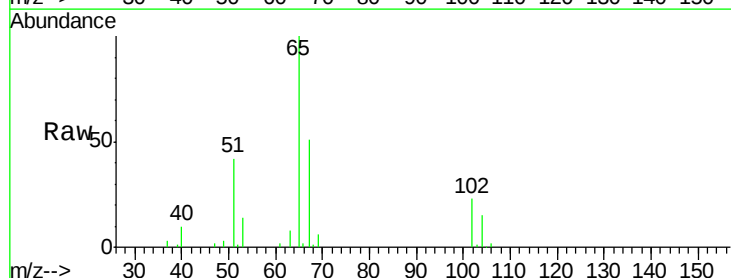
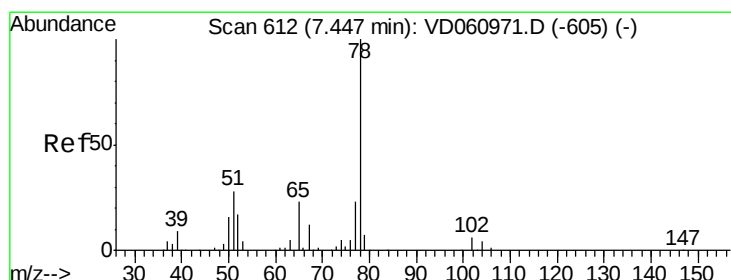
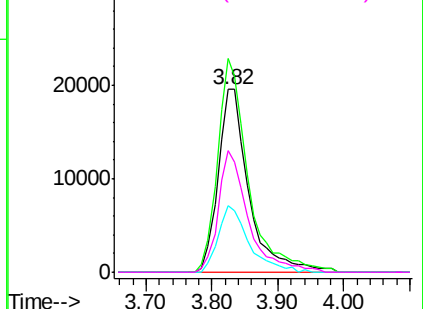
86 67.0 52.3 78.5

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: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD061235.D

Acq: 21 Mar 2019 5:34

Tgt Ion: 65 Resp: 252336

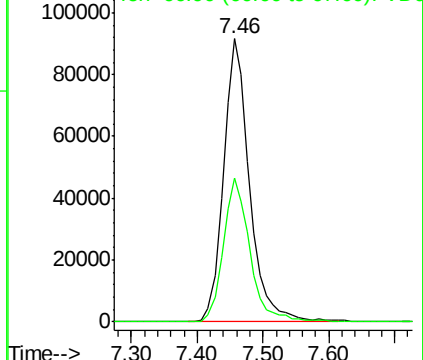
Ion Ratio Lower Upper

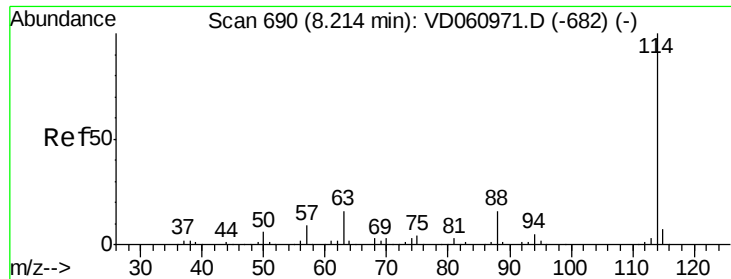
65 100

67 50.8 0.0 105.2

Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

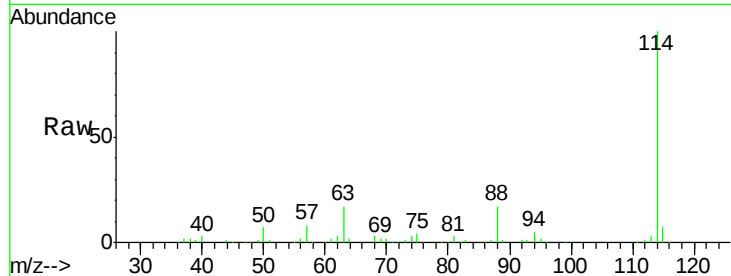




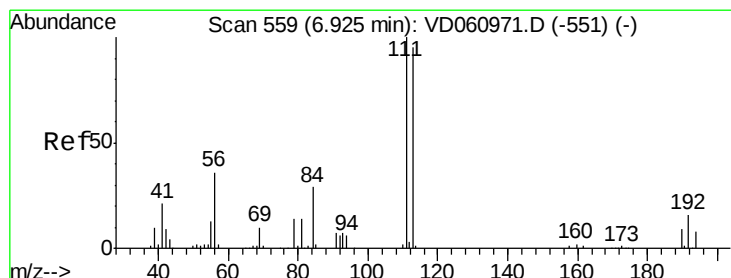
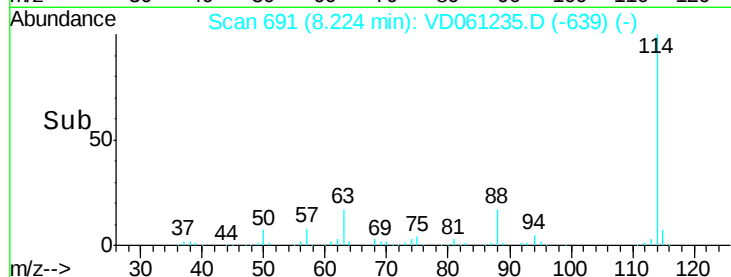
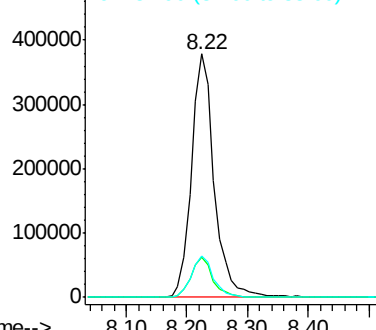
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD061235.D
 Acq: 21 Mar 2019 5:34

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-02-031919-I

Tot Ion:114 Resp: 986474
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 31.4
 88 16.9 0.0 33.0

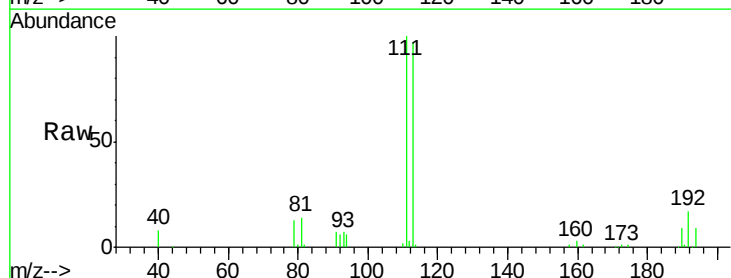


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

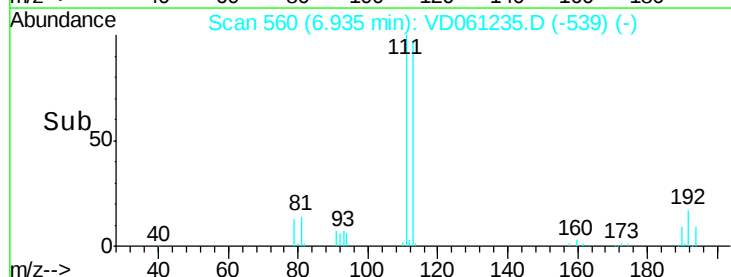
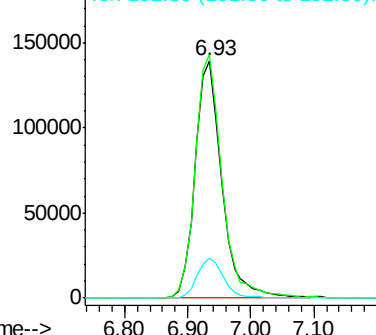


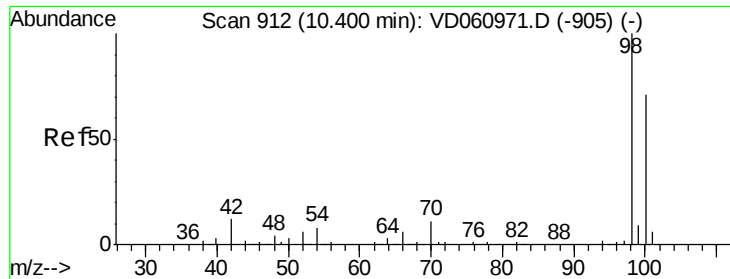
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: VD061235.D
 Acq: 21 Mar 2019 5:34

Tgt Ion:113 Resp: 409326
 Ion Ratio Lower Upper
 113 100
 111 102.6 84.2 126.4
 192 17.2 13.1 19.7



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: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD061235.D

Acq: 21 Mar 2019 5:34

Instrument :

MSVOA_D

ClientSampleId :

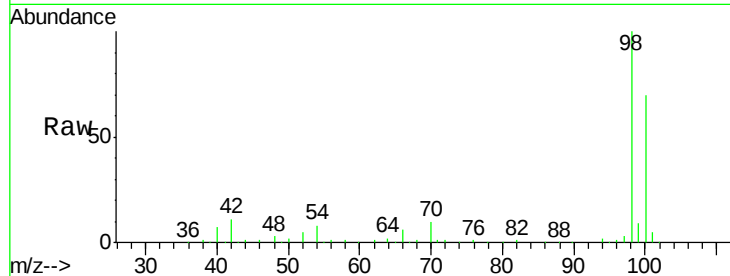
JC-02-031919-I

Tot Ion: 98 Resp: 649833

Ion Ratio Lower Upper

98 100

100 70.5 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): VD060971.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD060971.D (-905) (-)

10.42

300000

250000

200000

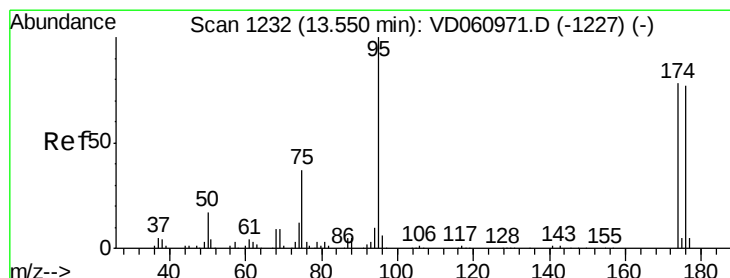
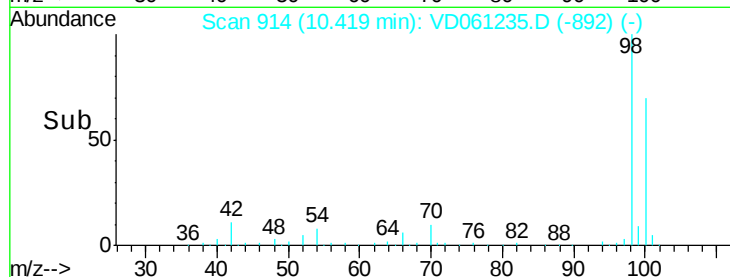
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD061235.D

Acq: 21 Mar 2019 5:34

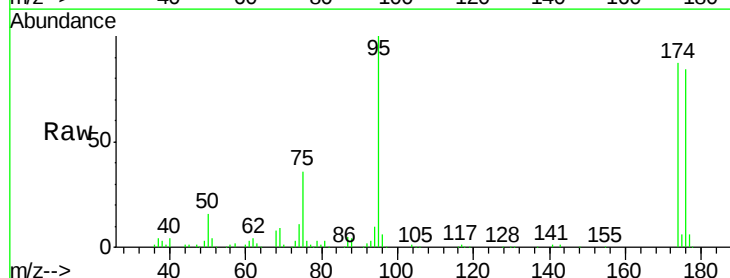
Tgt Ion: 95 Resp: 330485

Ion Ratio Lower Upper

95 100

174 87.3 0.0 155.6

176 84.0 0.0 153.8



Abundance Ion 95.00 (94.70 to 95.70): VD060971.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD060971.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD060971.D (-1227) (-)

300000

250000

200000

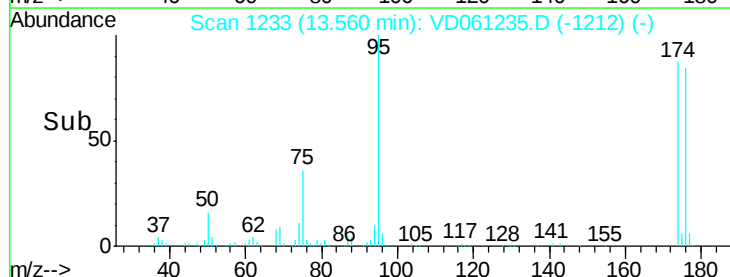
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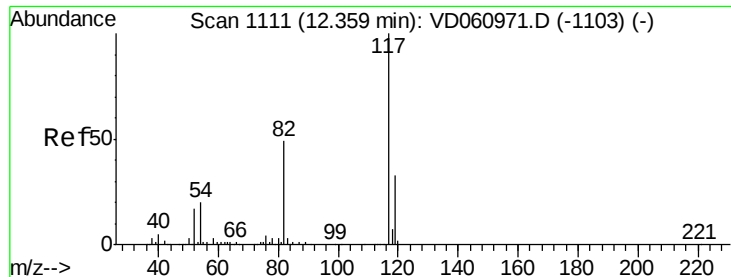
100000

50000

0

Time-->

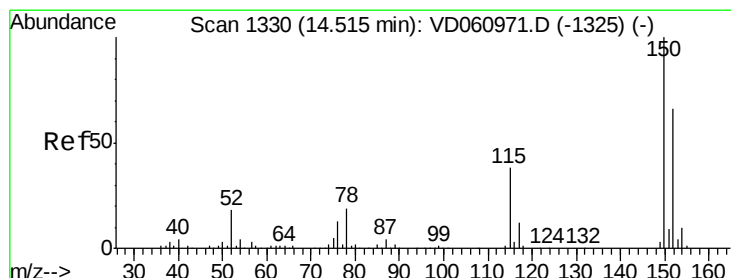
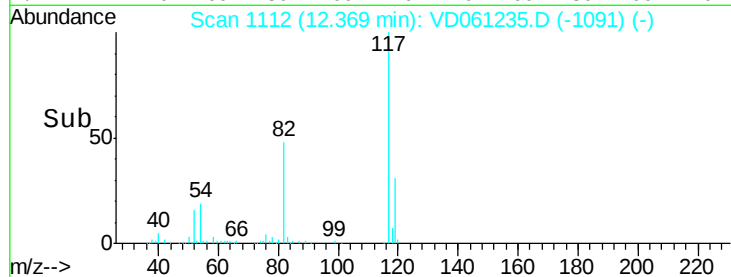
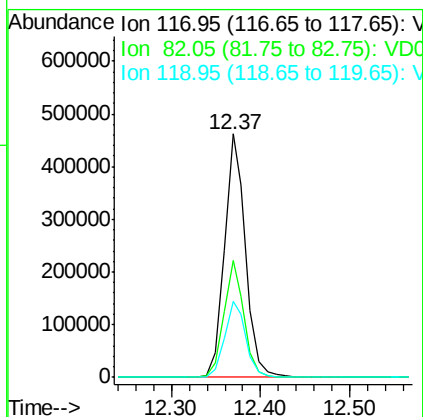
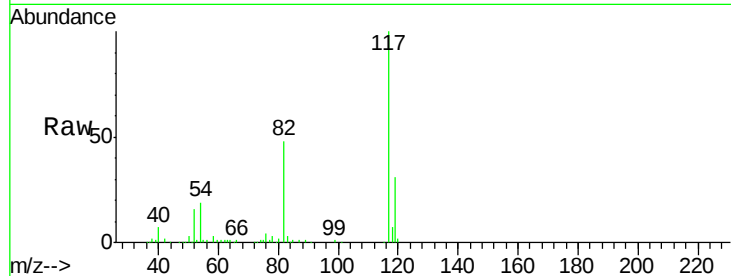




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061235.D
Acq: 21 Mar 2019 5:34

Instrument :
MSVOA_D
ClientSampleId :
JC-02-031919-I

Tot Ion:117 Resp: 766958
Ion Ratio Lower Upper
117 100
82 48.0 38.9 58.3
119 31.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD061235.D
Acq: 21 Mar 2019 5:34

Tgt Ion:152 Resp: 321812
Ion Ratio Lower Upper
152 100
115 54.6 28.6 85.9
150 159.1 0.0 310.6

