

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121218\
 Data File : VD060550.D
 Acq On : 12 Dec 2018 16:42
 Operator : VA/AP
 Sample : J6194-05
 Misc : 6.64/0.5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-03-121118

Quant Time: Dec 13 00:57:10 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

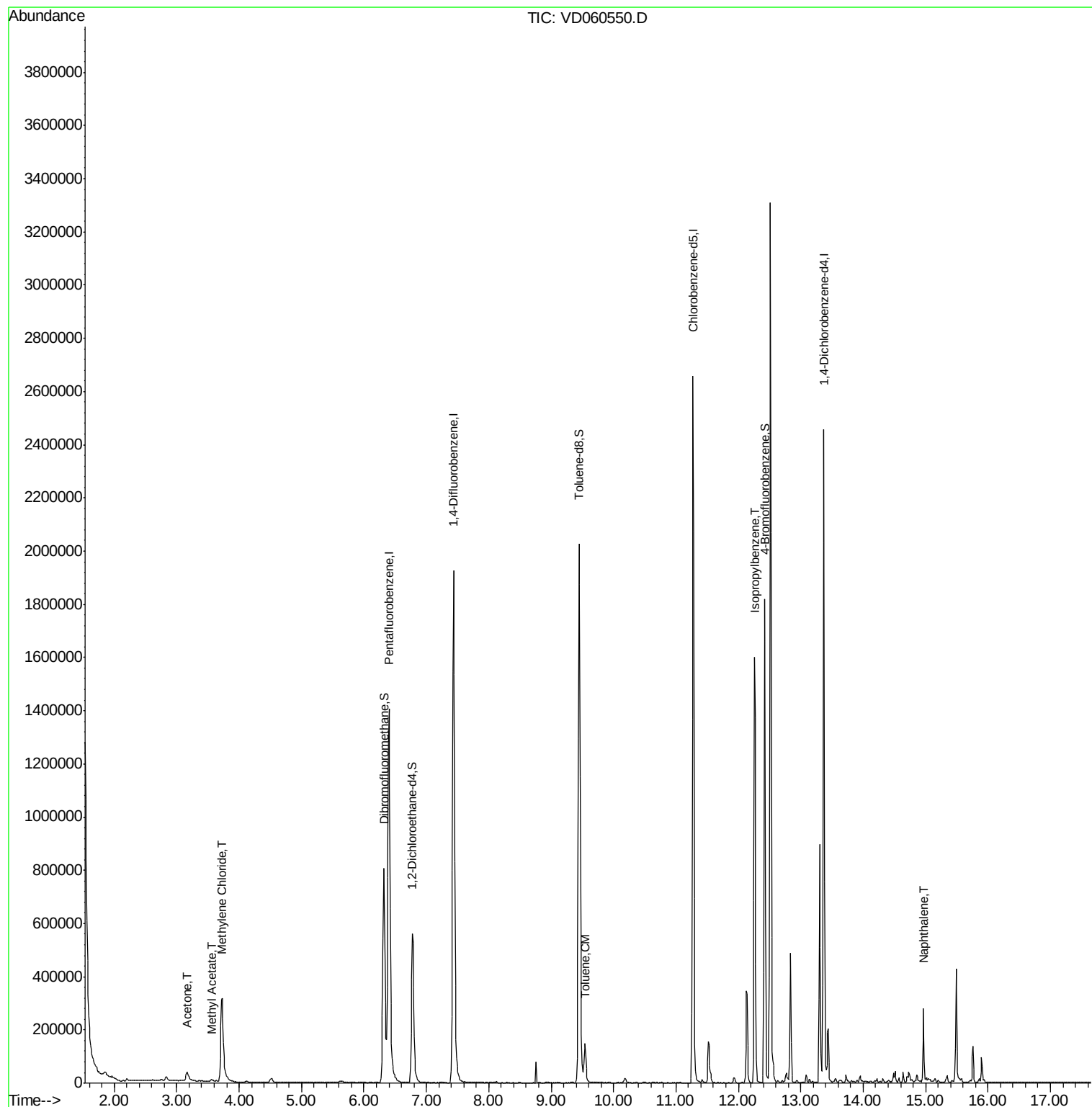
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1404248	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.44	114	2019880	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.27	117	1443136	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	593966	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	486948	48.92	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	97.84%	
35) Dibromofluoromethane	6.32	113	663072	44.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.38%	
50) Toluene-d8	9.44	98	1692849	39.43	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	78.86%	
62) 4-Bromofluorobenzene	12.42	95	556496	36.22	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	72.44%	
Target Compounds						
16) Acetone	3.16	43	78346	49.107	ug/l	97
18) Methyl Acetate	3.56	43	17914	4.724	ug/l	99
20) Methylene Chloride	3.73	84	214455	11.165	ug/l	96
52) Toluene	9.54	92	74639	2.367	ug/l	92
73) Isopropylbenzene	12.26	105	59476	1.415	ug/l #	69
95) Naphthalene	14.96	128	153616	10.104	ug/l	98

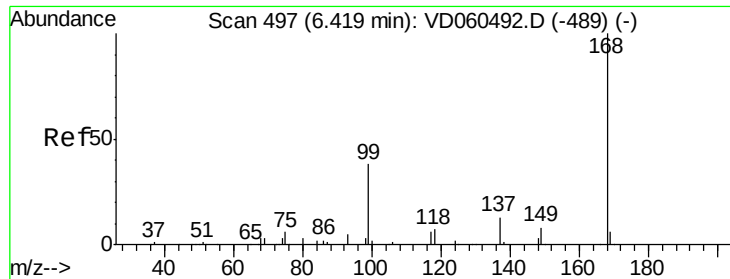
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD121218\
Data File : VD060550.D
Acq On : 12 Dec 2018 16:42
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Misc : 6.64/q5ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OK-03-121118

Quant Time: Dec 13 00:57:10 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
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: 6.40 min Scan# 496

Delta R.T. -0.02 min

Lab File: VD060550.D

Acq: 12 Dec 2018 16:42

Instrument :

MSVOA_D

ClientSampleId :

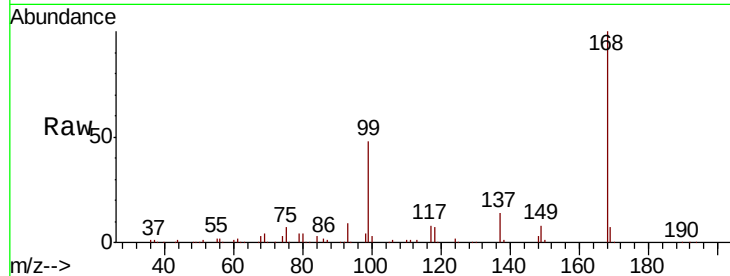
OK-03-121118

Tot Ion:168 Resp: 1404248

Ion Ratio Lower Upper

168 100

99 48.4 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.40

500000

400000

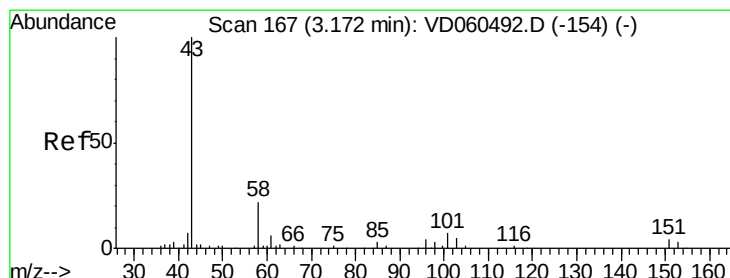
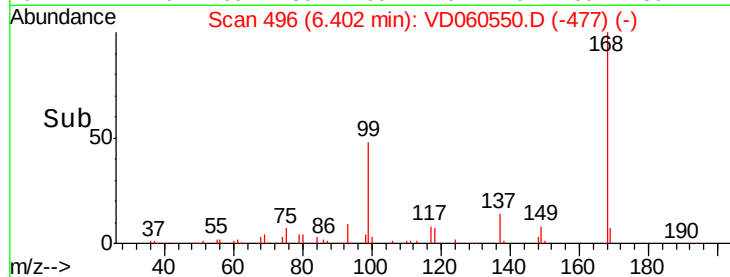
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 49.107 ug/l

RT: 3.16 min Scan# 167

Delta R.T. -0.01 min

Lab File: VD060550.D

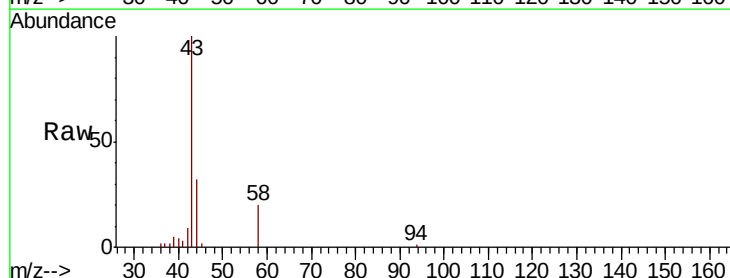
Acq: 12 Dec 2018 16:42

Tgt Ion: 43 Resp: 78346

Ion Ratio Lower Upper

43 100

58 20.2 17.3 25.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.16

25000

20000

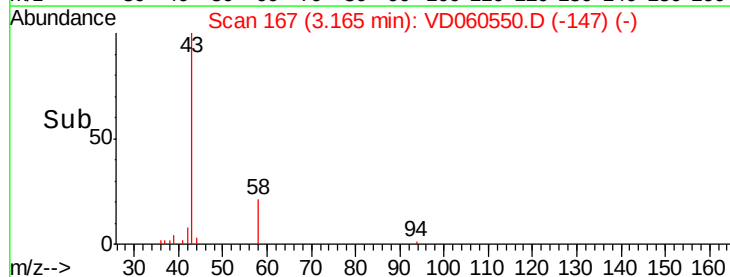
15000

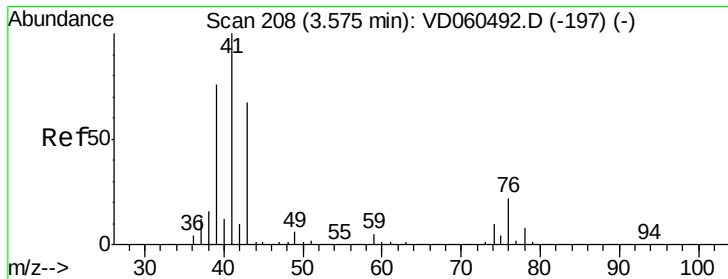
10000

5000

0

Time-->

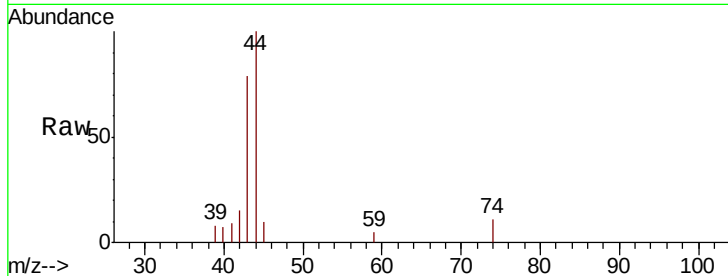




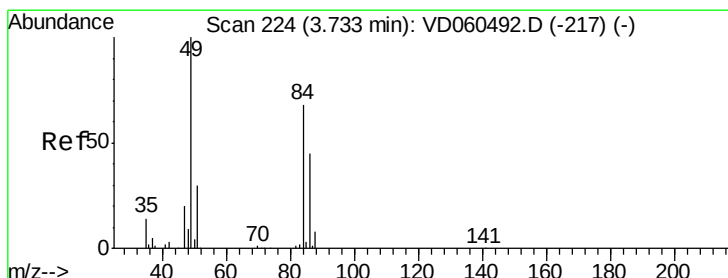
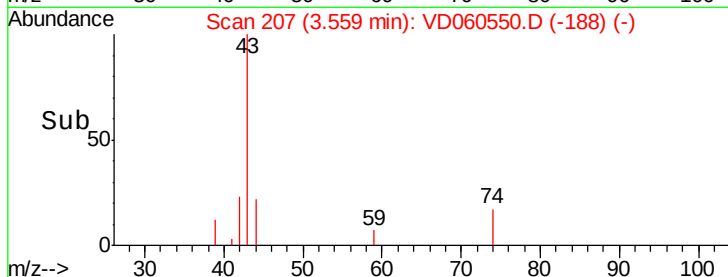
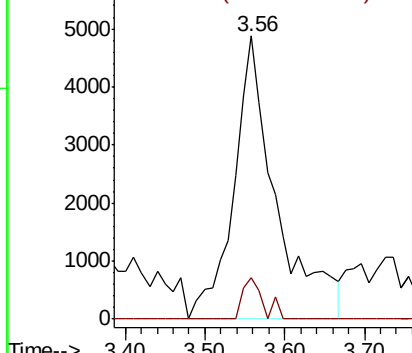
#18
Methyl Acetate
Concen: 4.724 ug/l
RT: 3.56 min Scan# 207
Delta R.T. -0.02 min
Lab File: VD060550.D
Acq: 12 Dec 2018 16:42

Instrument :
MSVOA_D
ClientSampleId :
OK-03-121118

Tot Ion: 43 Resp: 17914
Ion Ratio Lower Upper
43 100
74 14.5 12.0 18.0

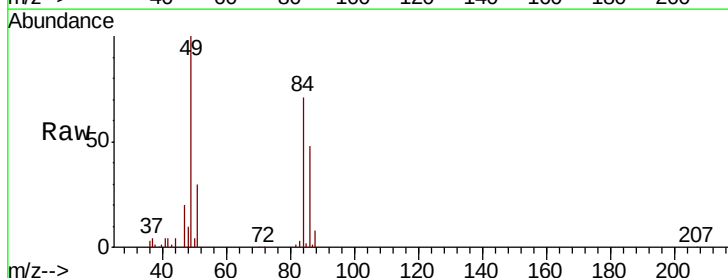


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 74.00 (73.70 to 74.70): VDC

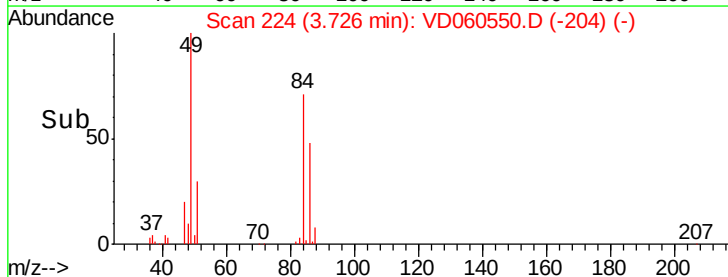
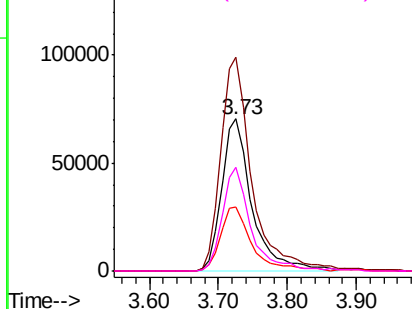


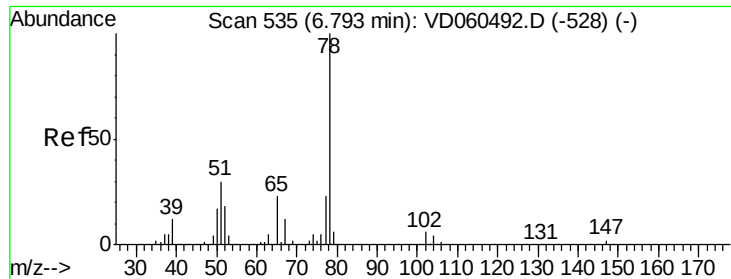
#20
Methylene Chloride
Concen: 11.165 ug/l
RT: 3.73 min Scan# 224
Delta R.T. -0.01 min
Lab File: VD060550.D
Acq: 12 Dec 2018 16:42

Tgt Ion: 84 Resp: 214455
Ion Ratio Lower Upper
84 100
49 140.4 117.2 175.8
51 41.9 35.3 52.9
86 67.9 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





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.78 min Scan# 534

Delta R.T. -0.02 min

Lab File: VD060550.D

Acq: 12 Dec 2018 16:42

Instrument :

MSVOA_D

ClientSampleId :

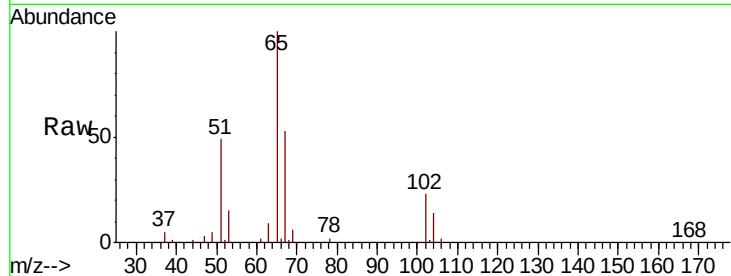
OK-03-121118

Tot Ion: 65 Resp: 486948

Ion Ratio Lower Upper

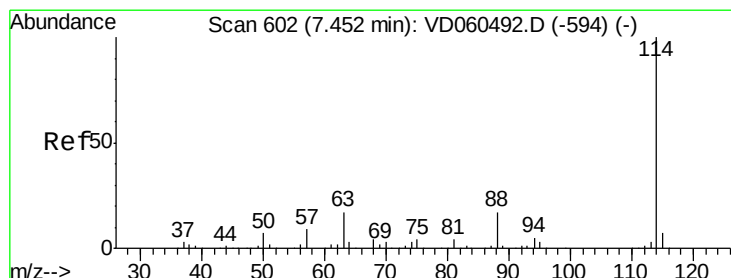
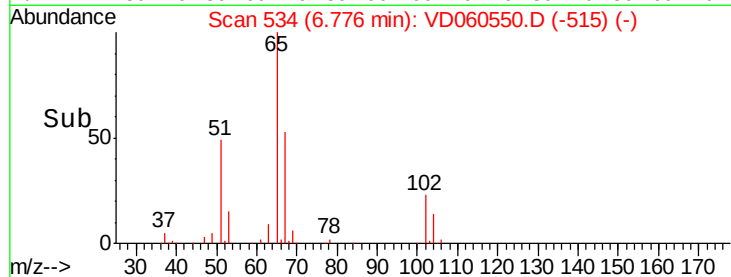
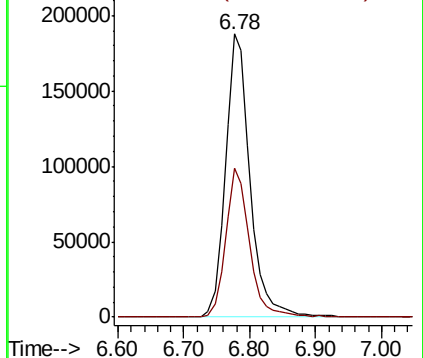
65 100

67 52.7 0.0 106.8



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: 7.44 min Scan# 601

Delta R.T. -0.02 min

Lab File: VD060550.D

Acq: 12 Dec 2018 16:42

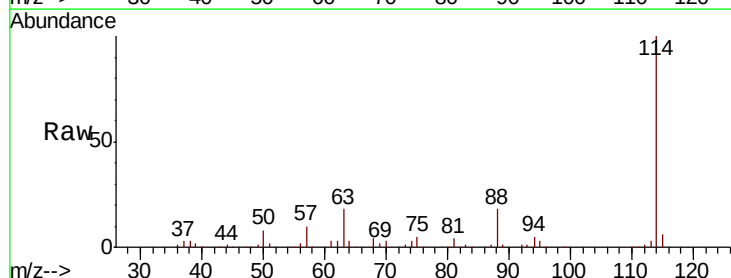
Tgt Ion: 114 Resp: 2019880

Ion Ratio Lower Upper

114 100

63 18.5 0.0 34.2

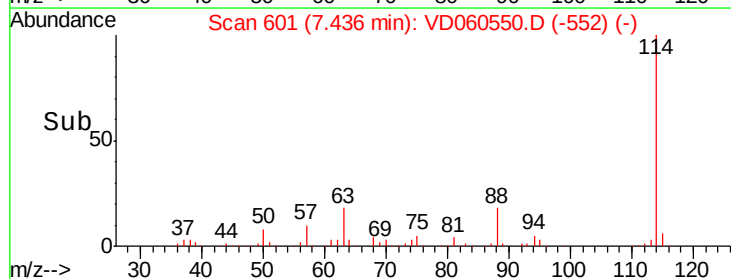
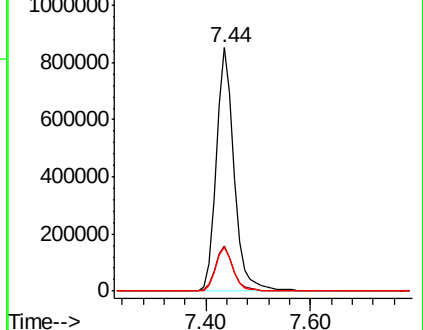
88 18.0 0.0 35.0

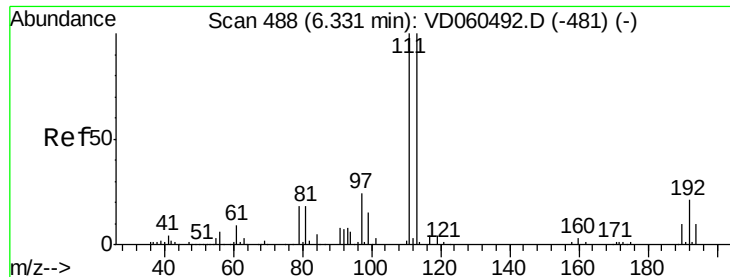


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

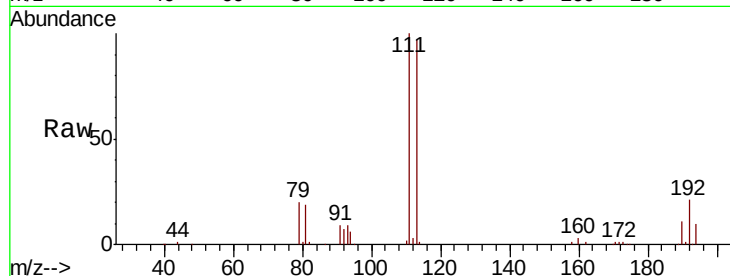




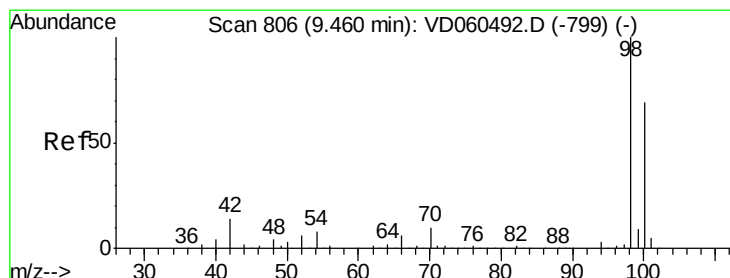
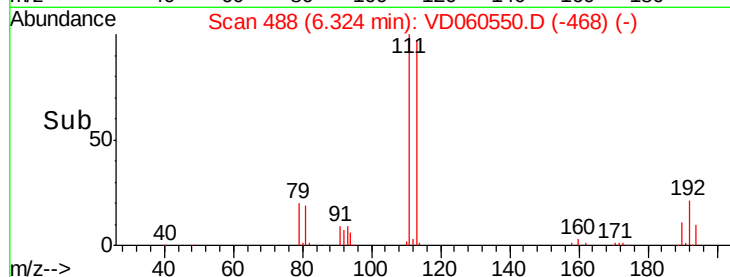
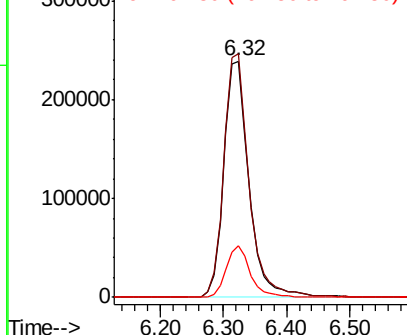
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.32 min Scan# 488
Delta R.T. -0.01 min
Lab File: VD060550.D
Acq: 12 Dec 2018 16:42

Instrument :
MSVOA_D
ClientSampleId :
OK-03-121118

Tot Ion:113 Resp: 663072
Ion Ratio Lower Upper
113 100
111 103.1 80.2 120.4
192 21.8 16.6 24.8

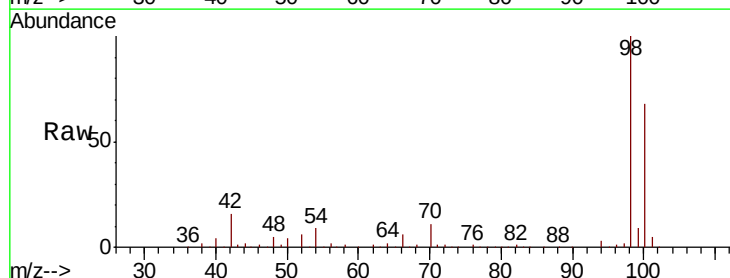


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

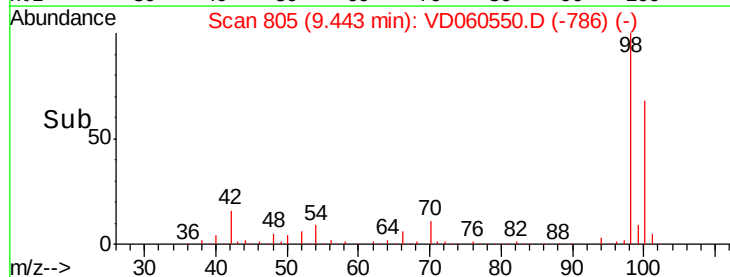
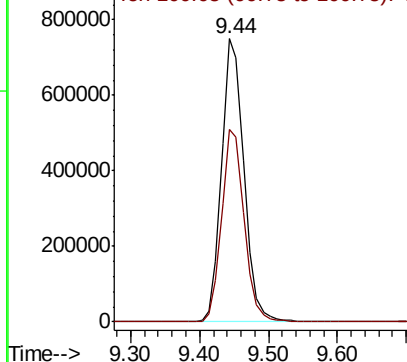


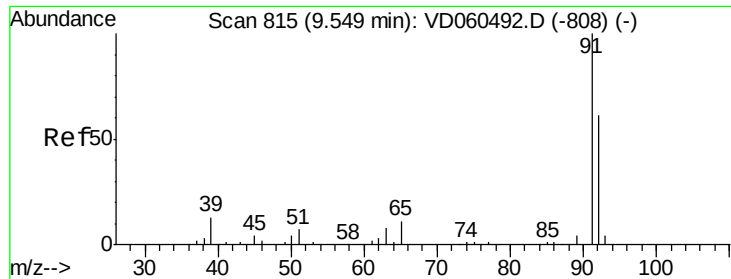
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.44 min Scan# 805
Delta R.T. -0.02 min
Lab File: VD060550.D
Acq: 12 Dec 2018 16:42

Tgt Ion: 98 Resp: 1692849
Ion Ratio Lower Upper
98 100
100 68.1 55.7 83.5



Abundance Ion 98.05 (97.75 to 98.75): VD
Ion 100.05 (99.75 to 100.75): VD





#52

Toluene

Concen: 2.367 ug/l

RT: 9.54 min Scan# 815

Delta R.T. -0.01 min

Lab File: VD060550.D

Acq: 12 Dec 2018 16:42

Instrument :

MSVOA_D

ClientSampleId :

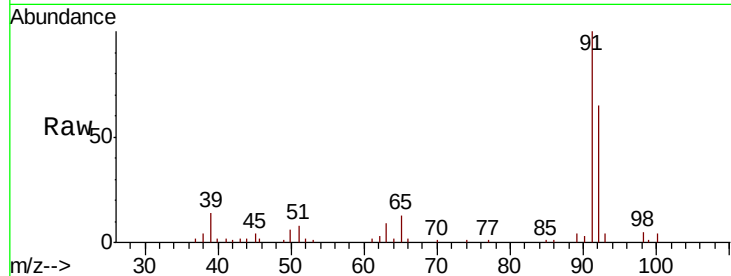
OK-03-121118

Tot Ion: 92 Resp: 74639

Ion Ratio Lower Upper

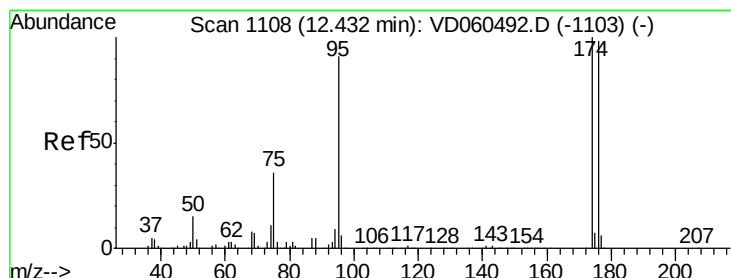
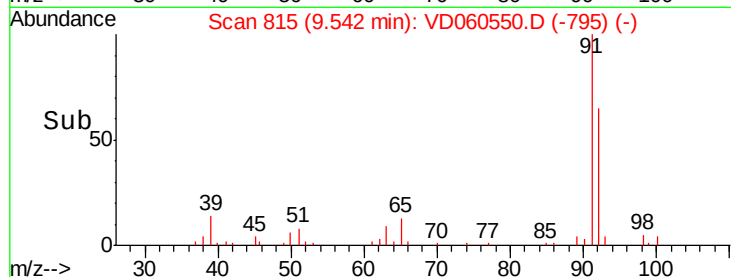
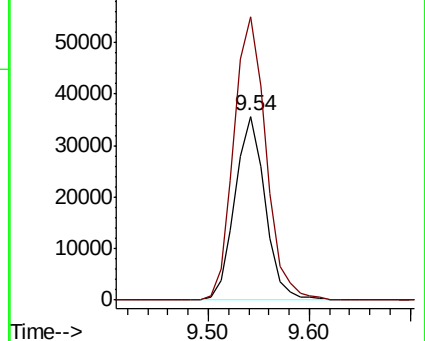
92 100

91 153.9 131.7 197.5



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.42 min Scan# 1107

Delta R.T. -0.02 min

Lab File: VD060550.D

Acq: 12 Dec 2018 16:42

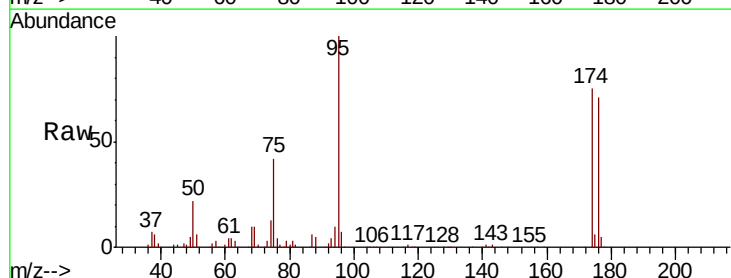
Tgt Ion: 95 Resp: 556496

Ion Ratio Lower Upper

95 100

174 75.0 0.0 219.4

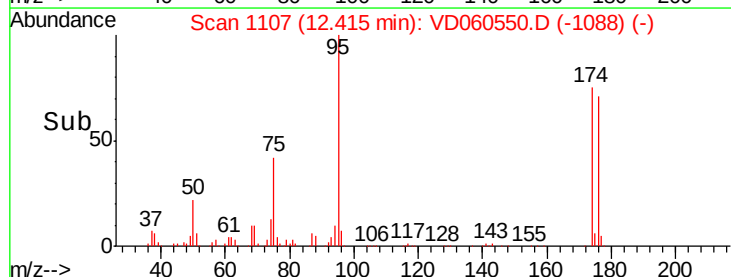
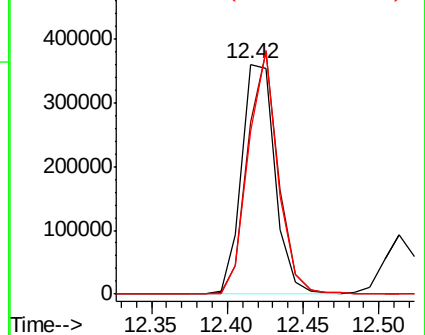
176 70.9 0.0 214.6

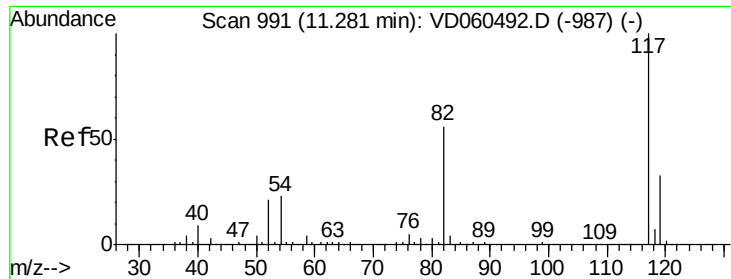


Abundance Ion 95.00 (94.70 to 95.70): VDC

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: 11.27 min Scan# 991

Delta R.T. -0.01 min

Lab File: VD060550.D

Acq: 12 Dec 2018 16:42

Instrument :

MSVOA_D

ClientSampleId :

OK-03-121118

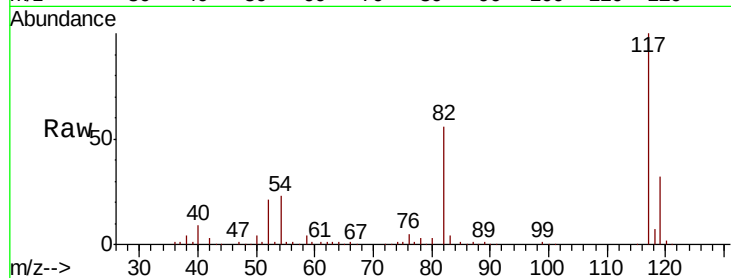
Tot Ion:117 Resp: 1443136

Ion Ratio Lower Upper

117 100

82 56.0 45.2 67.8

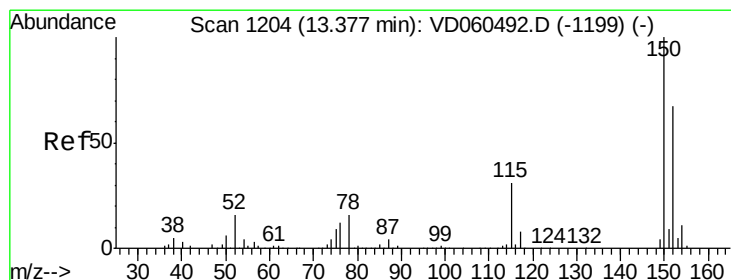
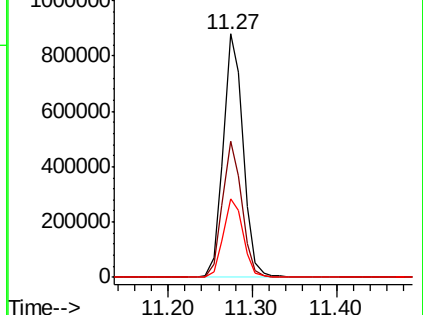
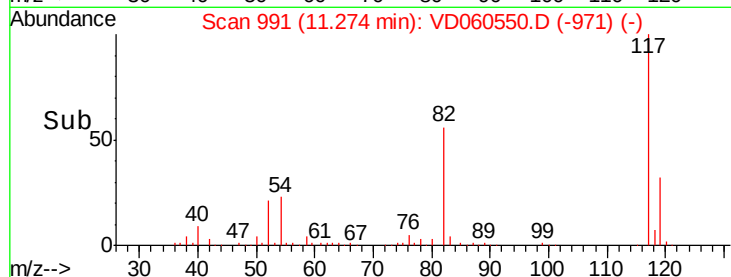
119 32.3 26.1 39.1



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: VD060550.D

Acq: 12 Dec 2018 16:42

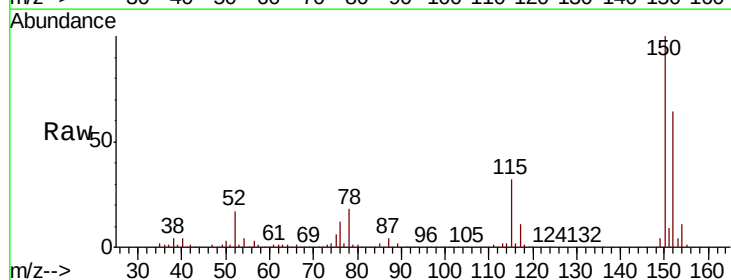
Tgt Ion:152 Resp: 593966

Ion Ratio Lower Upper

152 100

115 49.0 24.6 74.0

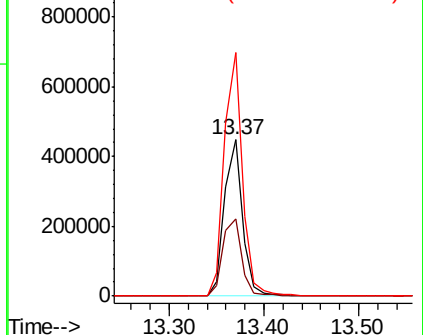
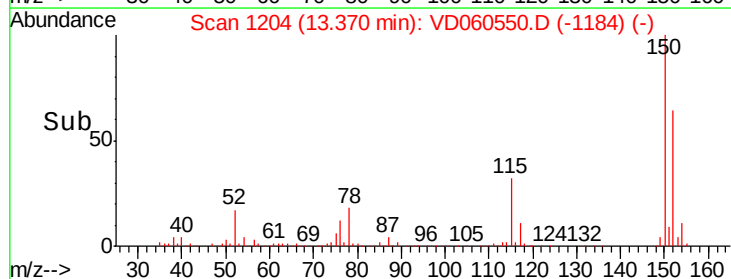
150 155.6 0.0 309.0

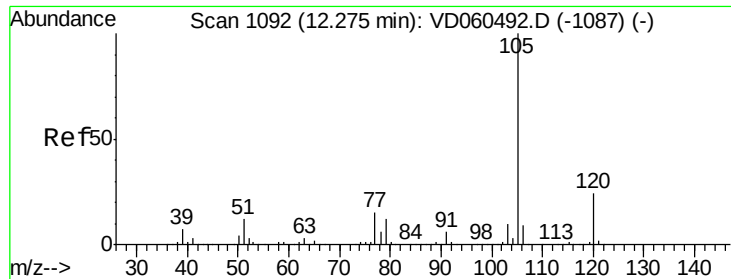


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.415 ug/l

RT: 12.26 min Scan# 1091

Delta R.T. -0.02 min

Lab File: VD060550.D

Acq: 12 Dec 2018 16:42

Instrument :

MSVOA_D

ClientSampleId :

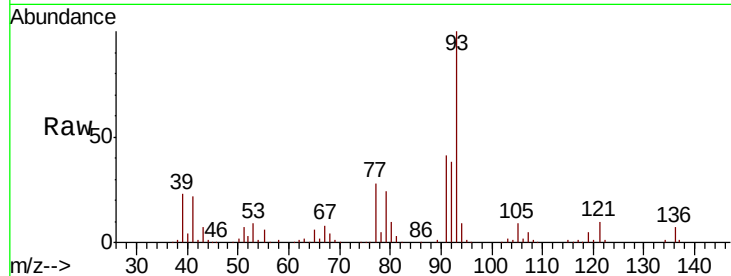
OK-03-121118

Tot Ion:105 Resp: 59476

Ion Ratio Lower Upper

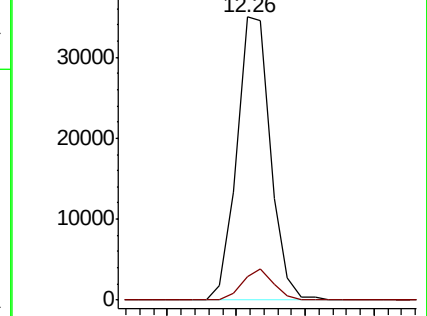
105 100

120 8.5 11.9 35.9#

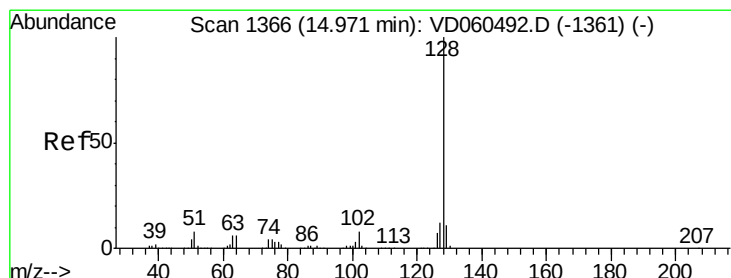
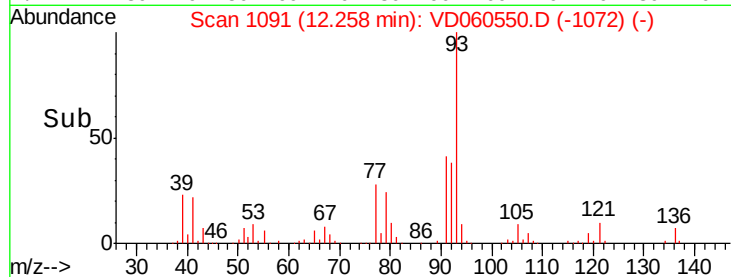


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



Time-->



#95

Naphthalene

Concen: 10.104 ug/l

RT: 14.96 min Scan# 1366

Delta R.T. -0.01 min

Lab File: VD060550.D

Acq: 12 Dec 2018 16:42

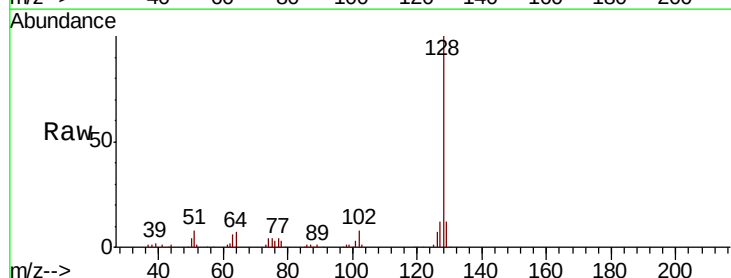
Tgt Ion:128 Resp: 153616

Ion Ratio Lower Upper

128 100

127 11.8 9.8 14.8

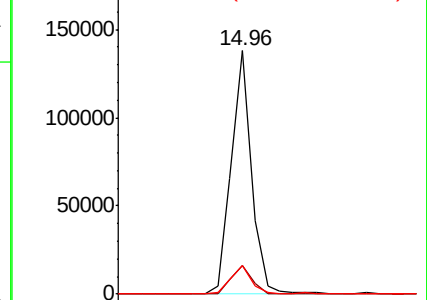
129 11.7 8.6 13.0



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



Time-->

