

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD033119\
 Data File : VD061454.D
 Acq On : 31 Mar 2019 18:37
 Operator : VA/AP
 Sample : K1692-05
 Misc : 6.71g/5ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-03-032919

Quant Time: Apr 01 05:46:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

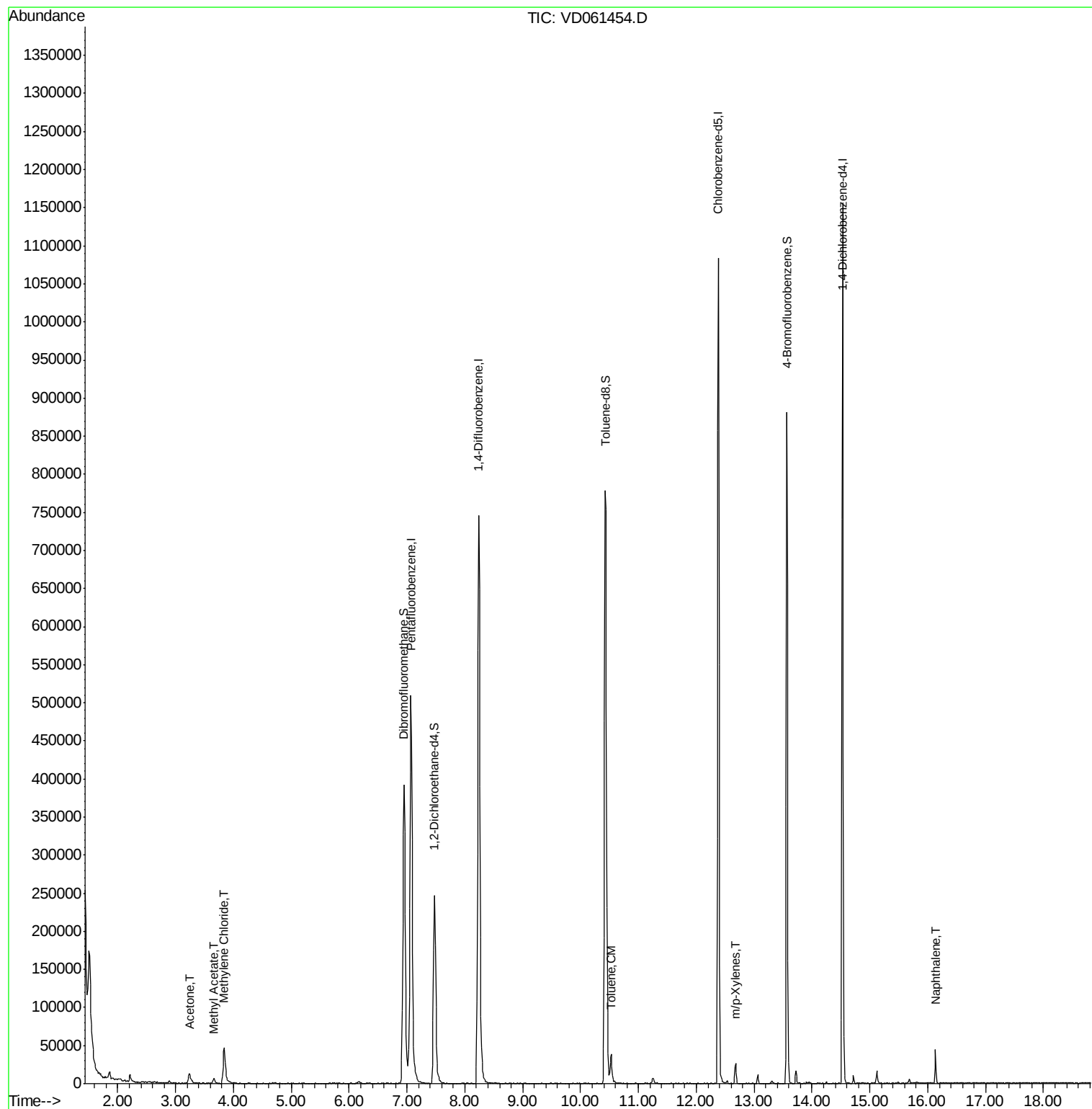
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	521014	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.24	114	923529	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.38	117	685404	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.53	152	263498	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	254198	57.11	ug/l	0.04
Spiked Amount 50.000			Recovery	=	114.22%	
35) Dibromofluoromethane	6.95	113	372774	52.82	ug/l	0.05
Spiked Amount 50.000			Recovery	=	105.64%	
50) Toluene-d8	10.42	98	724794	42.82	ug/l	0.04
Spiked Amount 50.000			Recovery	=	85.64%	
62) 4-Bromofluorobenzene	13.56	95	282388	43.50	ug/l	0.02
Spiked Amount 50.000			Recovery	=	87.00%	
Target Compounds						
16) Acetone	3.24	43	25242	22.062	ug/l	91
18) Methyl Acetate	3.67	43	11685	4.857	ug/l #	85
20) Methylene Chloride	3.84	84	38705	4.283	ug/l	95
52) Toluene	10.53	92	22290	1.806	ug/l	92
68) m/p-Xylenes	12.68	106	8634	1.066	ug/l	86
95) Naphthalene	16.13	128	27515	5.247	ug/l	97

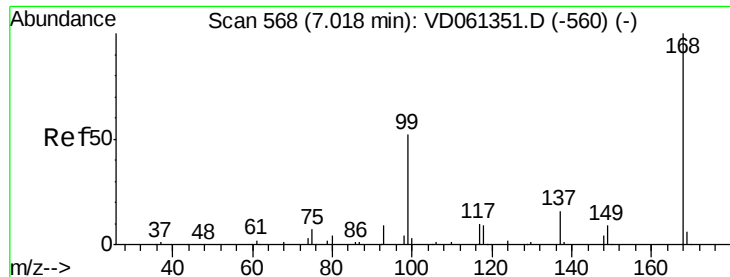
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD033119\
Data File : VD061454.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.05 min

Lab File: VD061454.D

Acq: 31 Mar 2019 18:37

Instrument :

MSVOA_D

ClientSampleId :

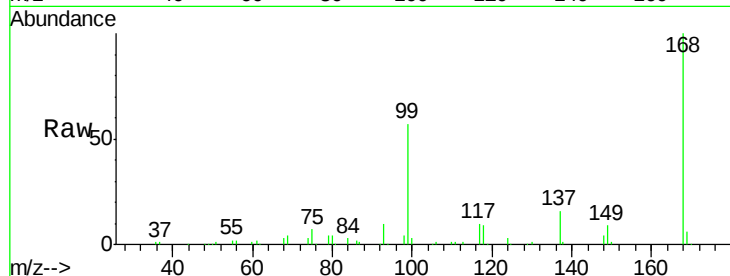
OK-03-032919

Tgt Ion:168 Resp: 521014

Ion Ratio Lower Upper

168 100

99 57.1 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.07

200000

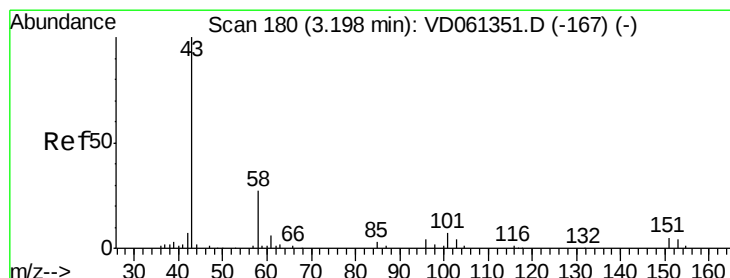
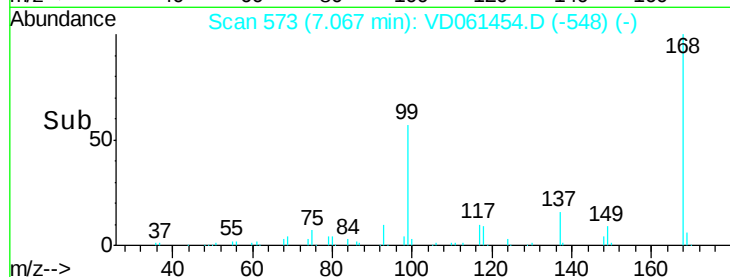
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 22.062 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.04 min

Lab File: VD061454.D

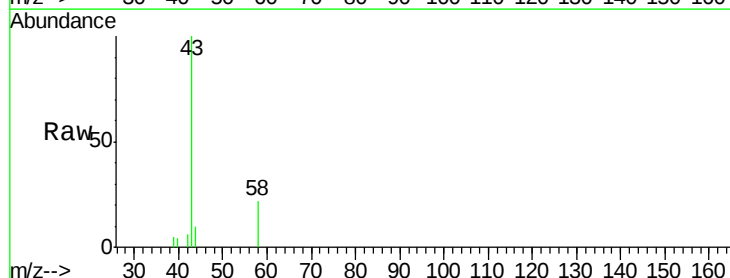
Acq: 31 Mar 2019 18:37

Tgt Ion: 43 Resp: 25242

Ion Ratio Lower Upper

43 100

58 22.1 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.24

10000

8000

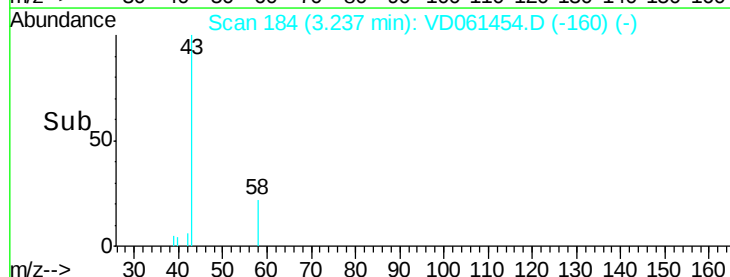
6000

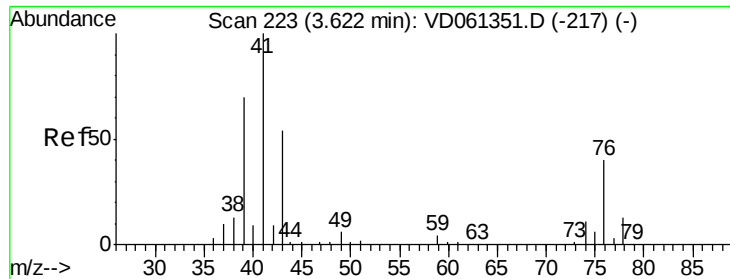
4000

2000

0

Time--> 3.10 3.20 3.30 3.40

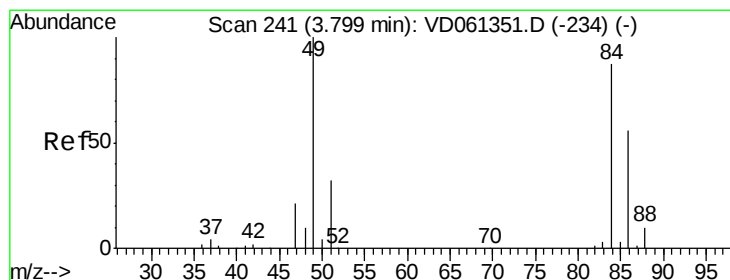
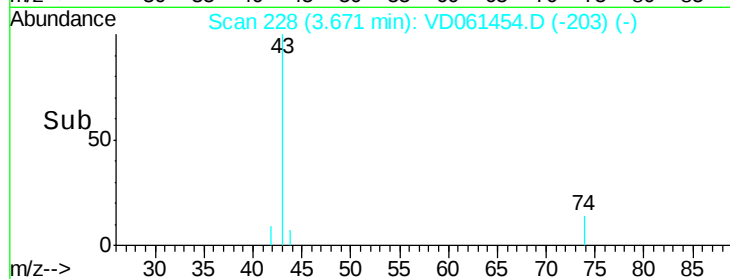
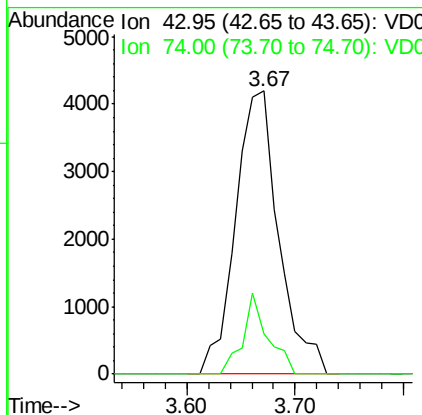
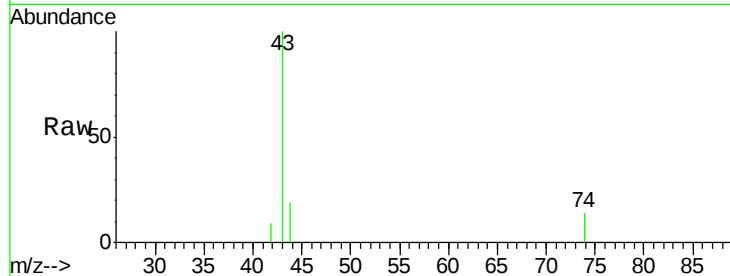




#18
Methyl Acetate
Concen: 4.857 ug/l
RT: 3.67 min Scan# 228
Delta R.T. 0.05 min
Lab File: VD061454.D
Acq: 31 Mar 2019 18:37

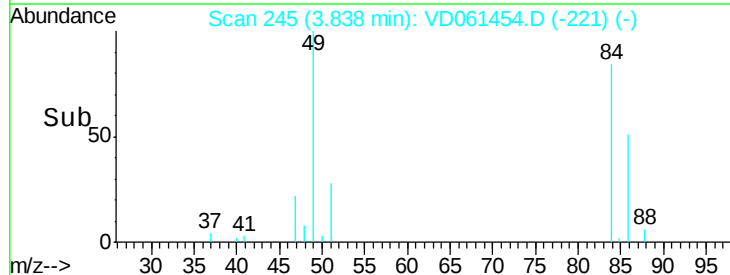
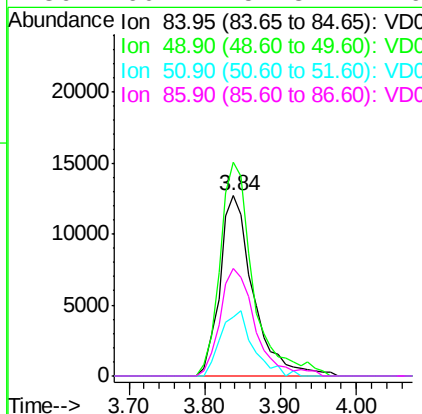
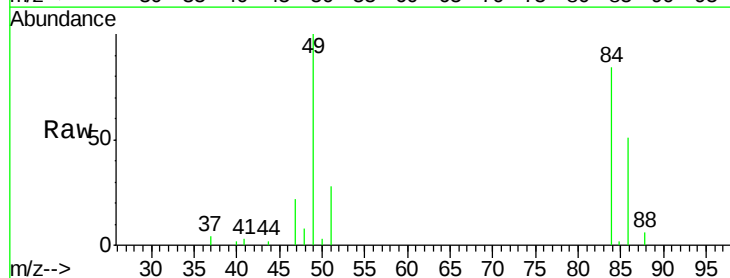
Instrument :
MSVOA_D
ClientSampleId :
OK-03-032919

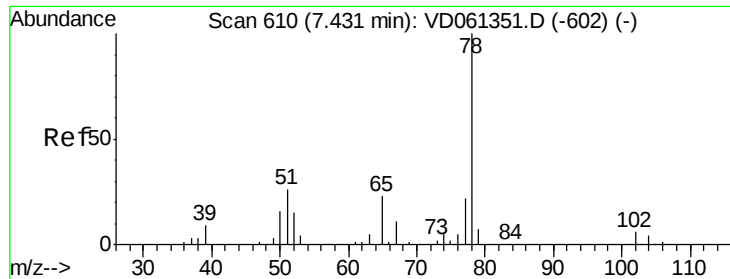
Tgt Ion: 43 Resp: 11685
Ion Ratio Lower Upper
43 100
74 14.0 16.7 25.1#



#20
Methylene Chloride
Concen: 4.283 ug/l
RT: 3.84 min Scan# 245
Delta R.T. 0.04 min
Lab File: VD061454.D
Acq: 31 Mar 2019 18:37

Tgt Ion: 84 Resp: 38705
Ion Ratio Lower Upper
84 100
49 118.7 91.8 137.8
51 32.7 29.8 44.8
86 60.1 51.8 77.6





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.04 min

Lab File: VD061454.D

Acq: 31 Mar 2019 18:37

Instrument :

MSVOA_D

ClientSampleId :

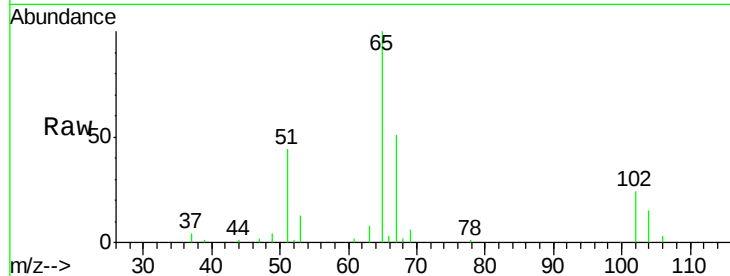
OK-03-032919

Tgt Ion: 65 Resp: 254198

Ion Ratio Lower Upper

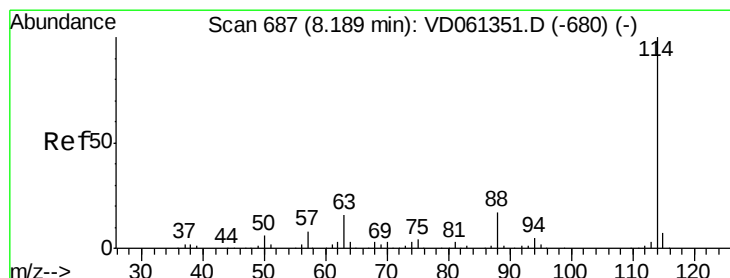
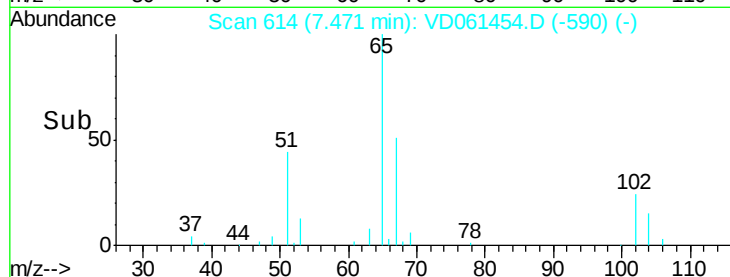
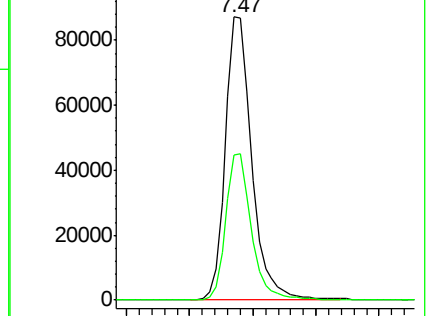
65 100

67 51.1 0.0 99.8



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: 8.24 min Scan# 692

Delta R.T. 0.05 min

Lab File: VD061454.D

Acq: 31 Mar 2019 18:37

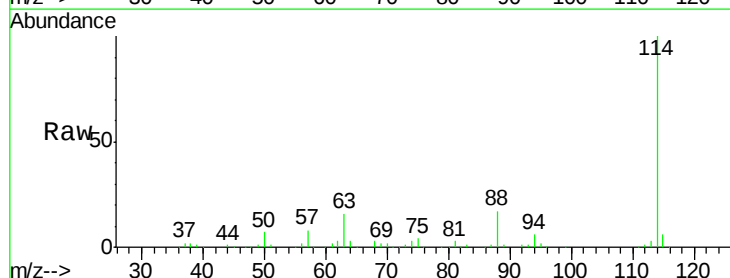
Tgt Ion: 114 Resp: 923529

Ion Ratio Lower Upper

114 100

63 16.4 0.0 31.6

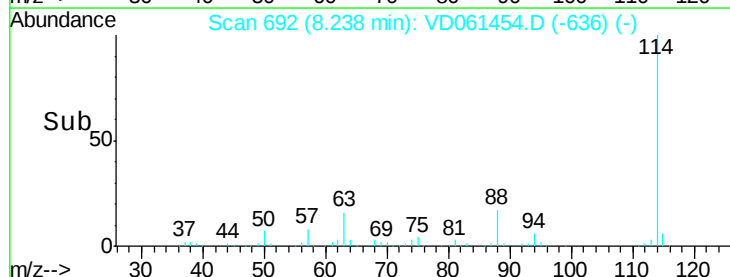
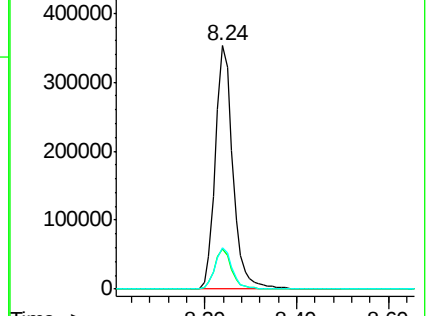
88 16.9 0.0 33.4

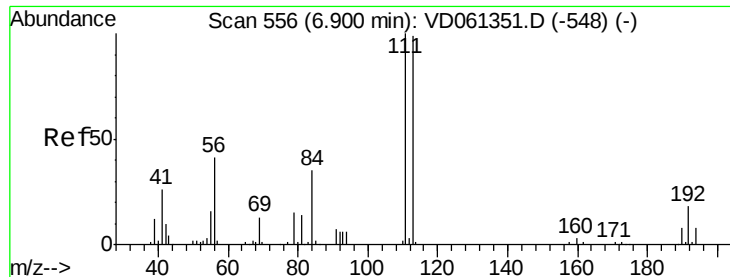


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

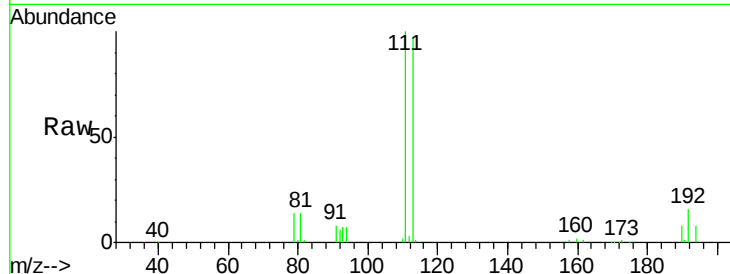




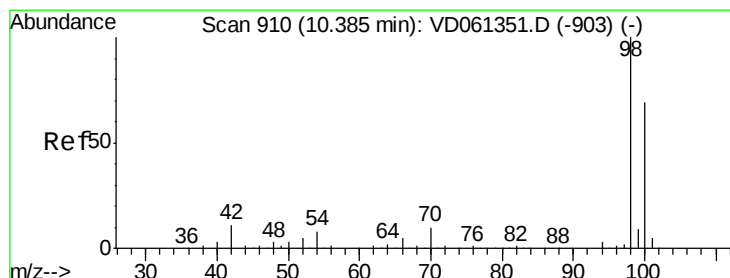
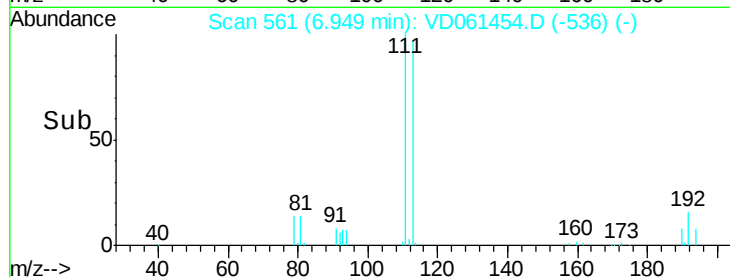
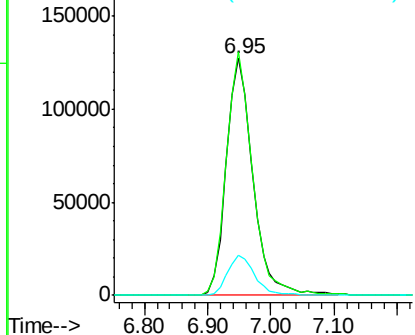
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.95 min Scan# 561
Delta R.T. 0.05 min
Lab File: VD061454.D
Acq: 31 Mar 2019 18:37

Instrument :
MSVOA_D
ClientSampleId :
OK-03-032919

Tgt Ion:113 Resp: 372774
Ion Ratio Lower Upper
113 100
111 102.9 81.0 121.6
192 16.8 14.4 21.6

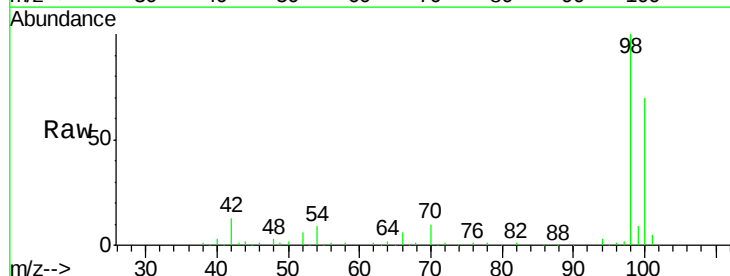


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

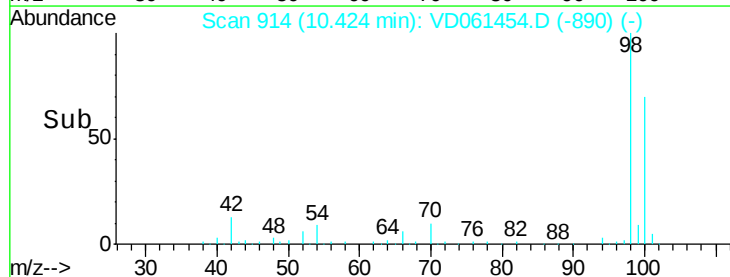
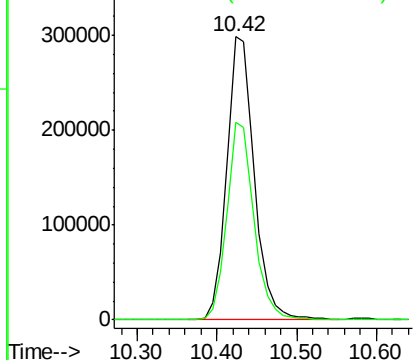


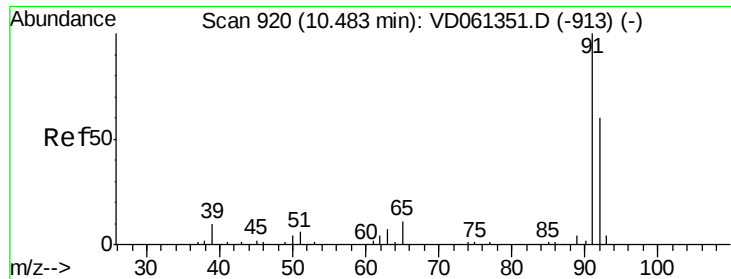
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.04 min
Lab File: VD061454.D
Acq: 31 Mar 2019 18:37

Tgt Ion: 98 Resp: 724794
Ion Ratio Lower Upper
98 100
100 70.0 56.2 84.2



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





#52

Toluene

Concen: 1.806 ug/l

RT: 10.53 min Scan# 925

Delta R.T. 0.05 min

Lab File: VD061454.D

Acq: 31 Mar 2019 18:37

Instrument :

MSVOA_D

ClientSampleId :

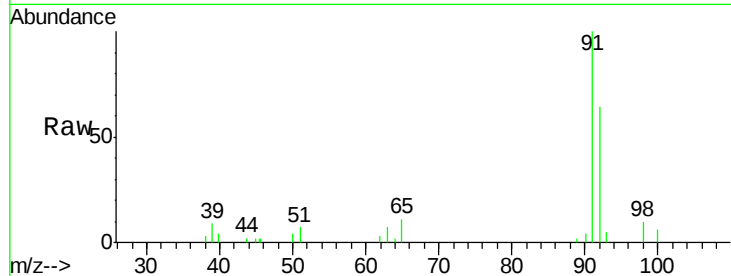
OK-03-032919

Tgt Ion: 92 Resp: 22290

Ion Ratio Lower Upper

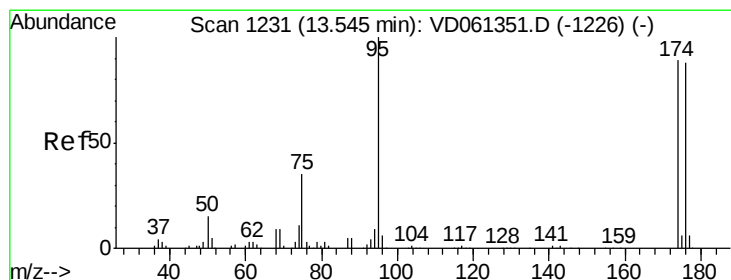
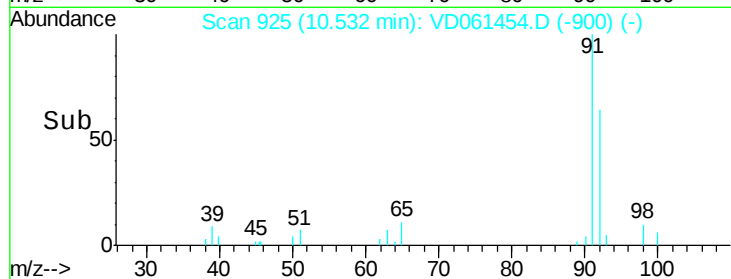
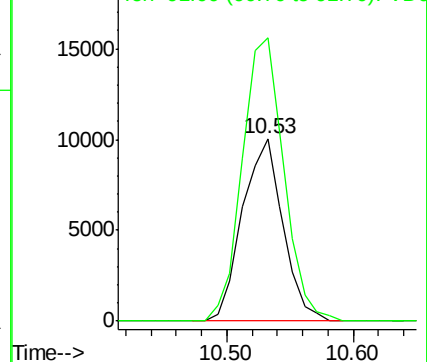
92 100

91 155.3 133.3 199.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.02 min

Lab File: VD061454.D

Acq: 31 Mar 2019 18:37

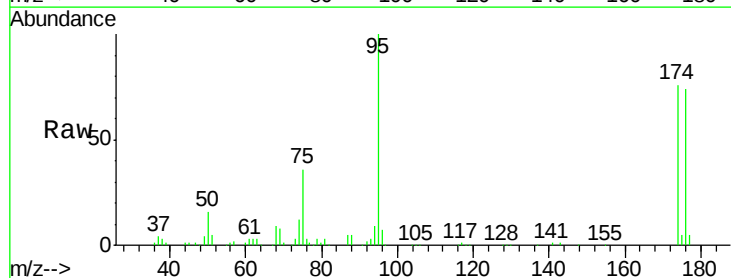
Tgt Ion: 95 Resp: 282388

Ion Ratio Lower Upper

95 100

174 75.7 0.0 178.0

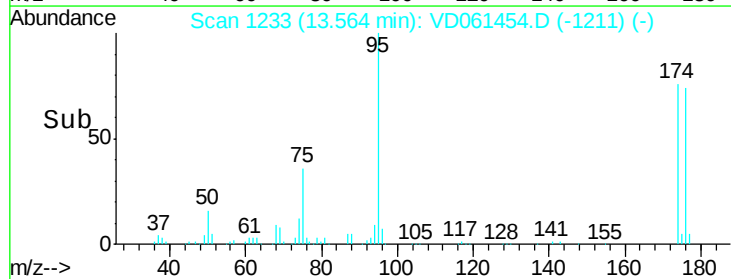
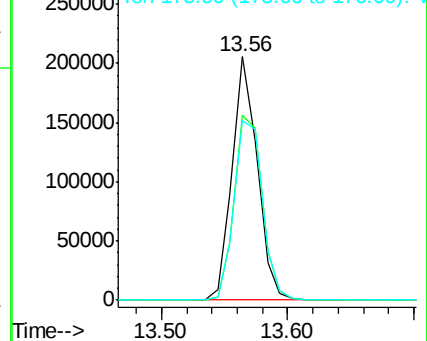
176 73.9 0.0 175.0

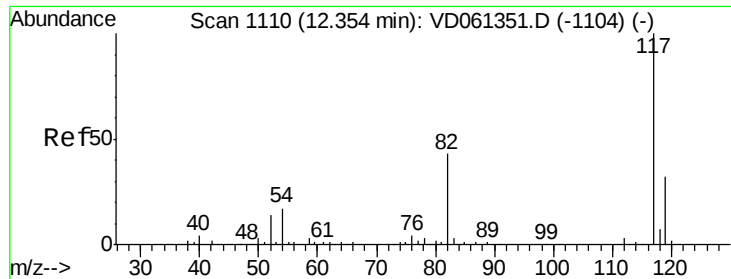


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

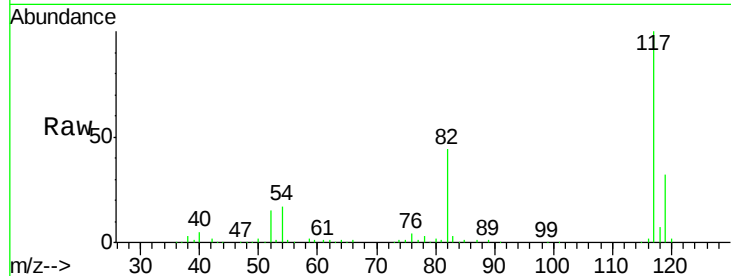




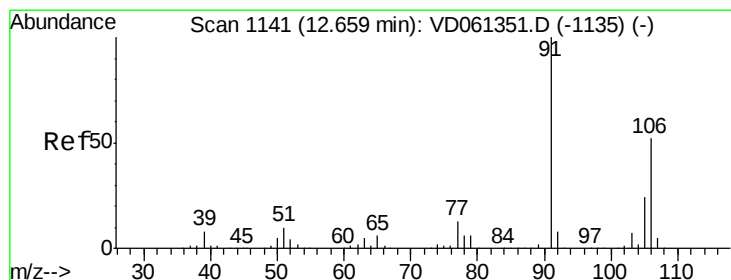
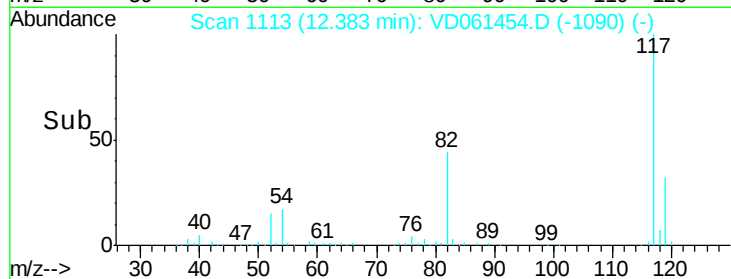
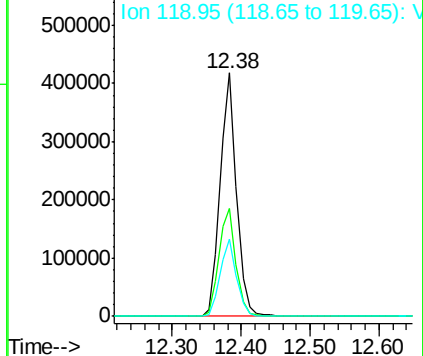
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.03 min
Lab File: VD061454.D
Acq: 31 Mar 2019 18:37

Instrument :
MSVOA_D
ClientSampleId :
OK-03-032919

Tgt Ion:117 Resp: 685404
Ion Ratio Lower Upper
117 100
82 44.2 34.4 51.6
119 31.6 25.8 38.6

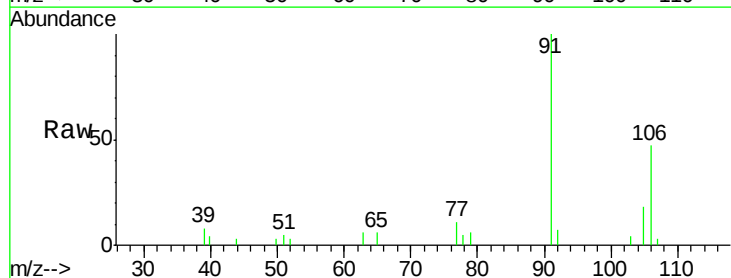


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

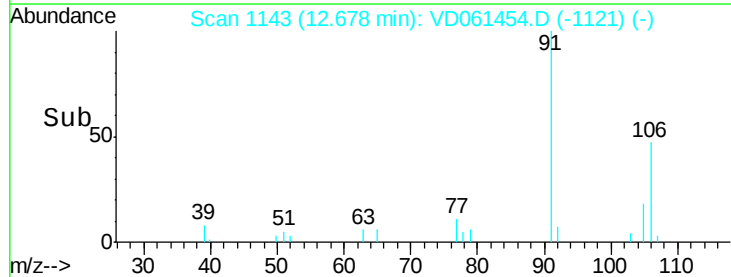
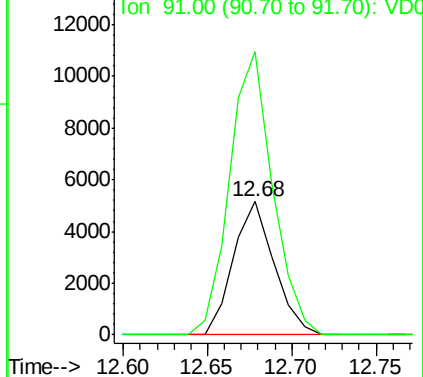


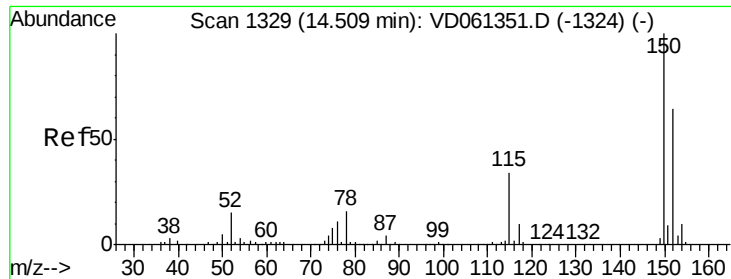
#68
m/p-Xylenes
Concen: 1.066 ug/l
RT: 12.68 min Scan# 1143
Delta R.T. 0.02 min
Lab File: VD061454.D
Acq: 31 Mar 2019 18:37

Tgt Ion:106 Resp: 8634
Ion Ratio Lower Upper
106 100
91 212.4 153.1 229.7



Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.53 min Scan# 1331

Delta R.T. 0.02 min

Lab File: VD061454.D

Acq: 31 Mar 2019 18:37

Instrument :

MSVOA_D

ClientSampleId :

OK-03-032919

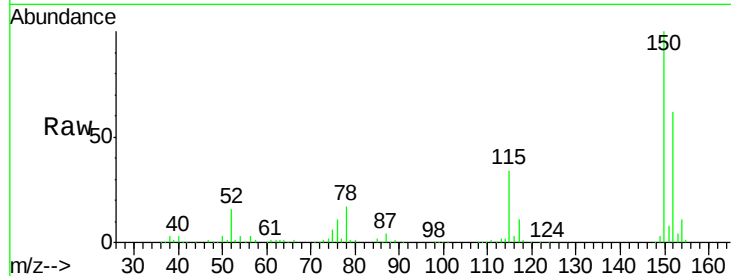
Tgt Ion:152 Resp: 263498

Ion Ratio Lower Upper

152 100

115 55.1 26.9 80.6

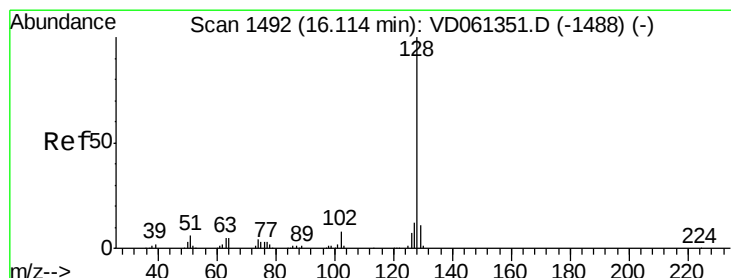
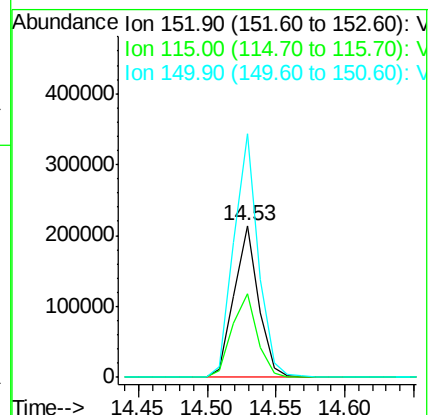
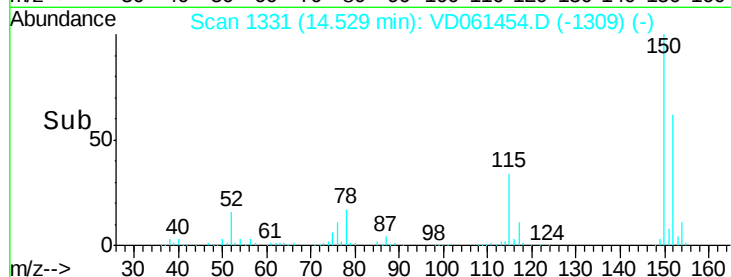
150 160.5 0.0 318.0



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: 5.247 ug/l

RT: 16.13 min Scan# 1494

Delta R.T. 0.02 min

Lab File: VD061454.D

Acq: 31 Mar 2019 18:37

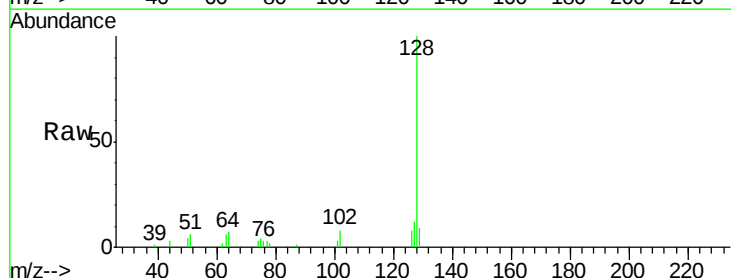
Tgt Ion:128 Resp: 27515

Ion Ratio Lower Upper

128 100

127 12.0 9.9 14.9

129 9.5 8.9 13.3



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

