

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012119\
 Data File : VU029252.D
 Acq On : 21 Jan 2019 16:32
 Operator : JC/SP
 Sample : K1013-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PL-01-011819-C

Quant Time: Jan 22 02:50:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 12 01:33:59 2019
 Response via : Initial Calibration

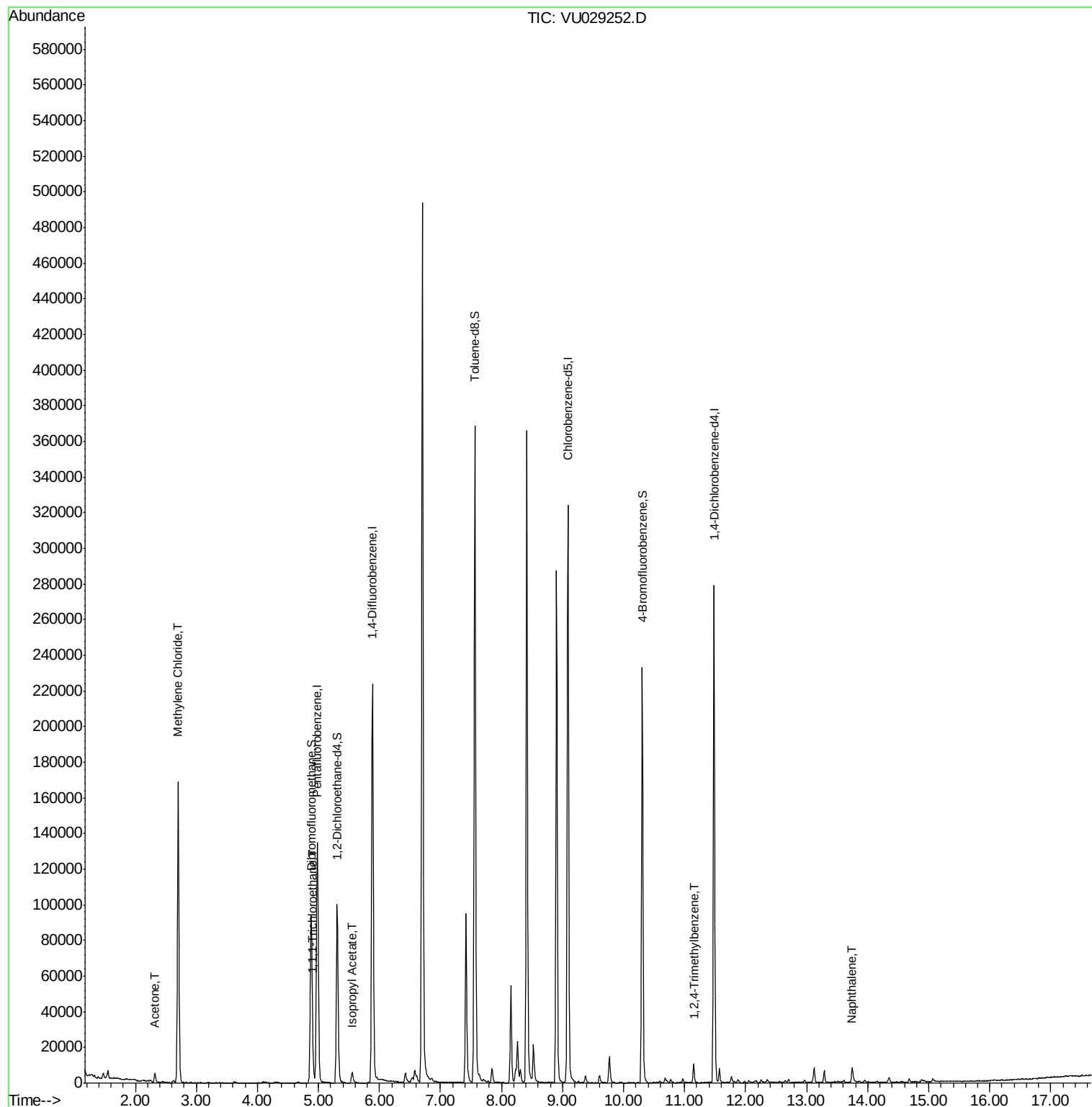
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	110441	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	193964	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	185493	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	76420	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	75575	55.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.72%	
35) Dibromofluoromethane	4.88	113	65879	52.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.80%	
50) Toluene-d8	7.56	98	254696	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.62%	
62) 4-Bromofluorobenzene	10.30	95	80243	44.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.96%	
Target Compounds						
16) Acetone	2.32	43	6056	7.041	ug/l	98
20) Methylene Chloride	2.70	84	75139	51.456	ug/l	96
32) 1,1,1-Trichloroethane	4.91	97	3050	1.616	ug/l	93
43) Isopropyl Acetate	5.55	43	7026	2.152	ug/l #	93
84) 1,2,4-Trimethylbenzene	11.15	105	6251	1.325	ug/l	96
95) Naphthalene	13.75	128	9240	1.562	ug/l	100

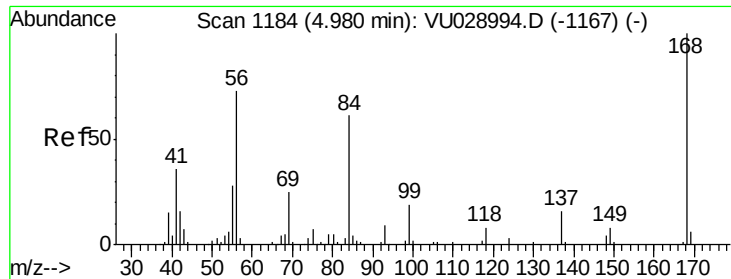
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU012119\
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QLast Update : Sat Jan 12 01:33:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU029252.D

Acq: 21 Jan 2019 16:32

Instrument :

MSVOA_U

ClientSampleId :

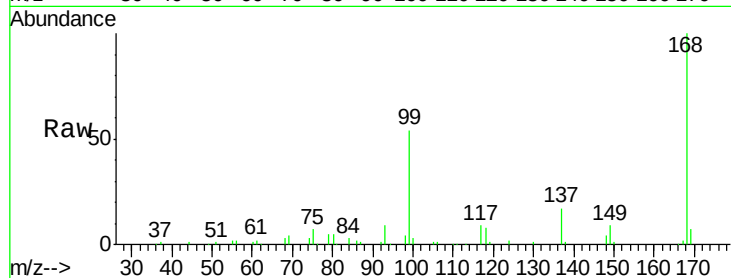
PL-01-011819-C

Tot Ion:168 Resp: 110441

Ion Ratio Lower Upper

168 100

99 53.5 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028994.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028994.D (-1167) (-)

4.98

50000

40000

30000

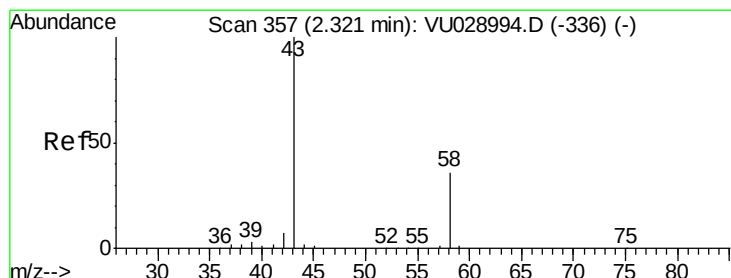
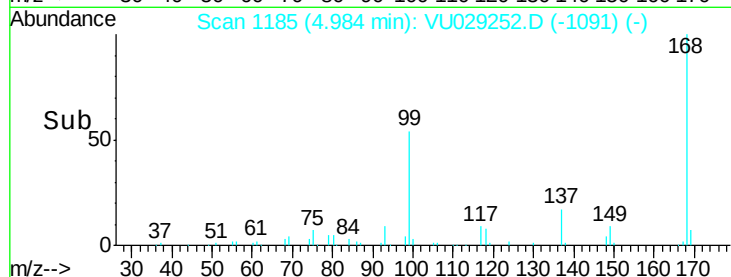
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#16

Acetone

Concen: 7.041 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029252.D

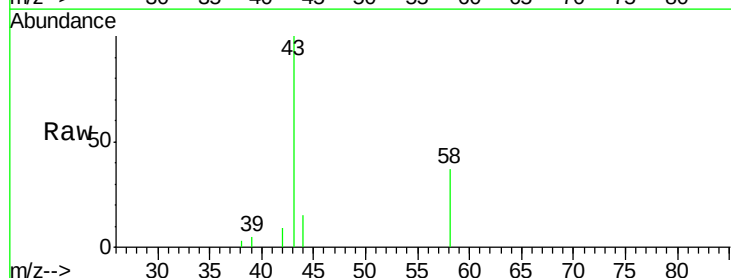
Acq: 21 Jan 2019 16:32

Tgt Ion: 43 Resp: 6056

Ion Ratio Lower Upper

43 100

58 37.0 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-336) (-)

Ion 58.00 (57.70 to 58.70): VU028994.D (-336) (-)

2.32

4000

3000

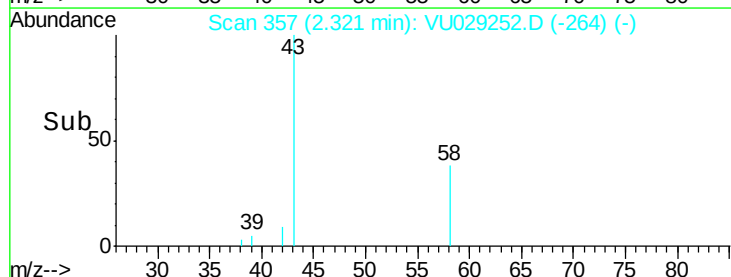
2000

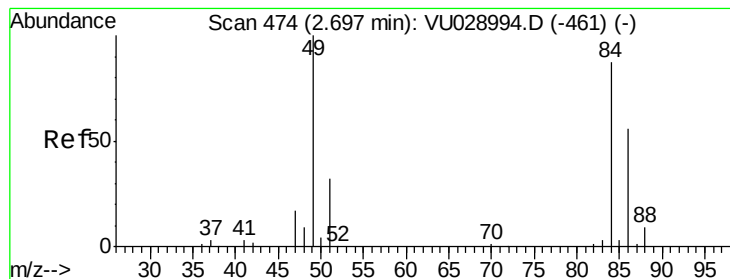
1000

0

2.25 2.30 2.35 2.40

Time-->





#20

Methvlene Chloride

Concen: 51.456 ug/l

RT: 2.70 min Scan# 475

Delta R.T. 0.00 min

Lab File: VU029252.D

Acq: 21 Jan 2019 16:32

Instrument :

MSVOA_U

ClientSampleId :

PL-01-011819-C

Tot Ion: 84 Resp: 75139

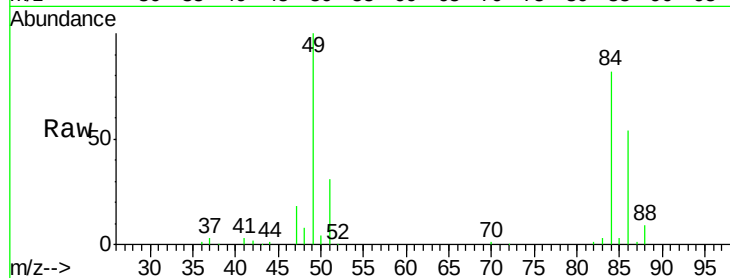
Ion Ratio Lower Upper

84 100

49 122.4 91.9 137.9

51 38.0 29.2 43.8

86 65.6 51.8 77.6

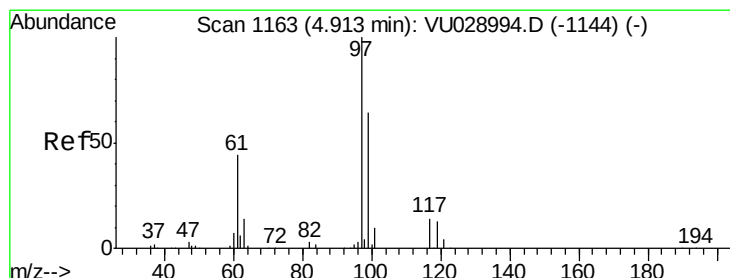
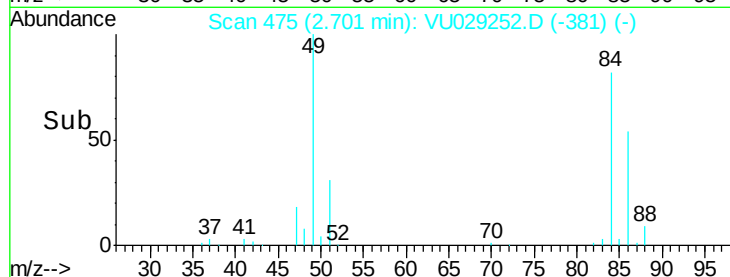
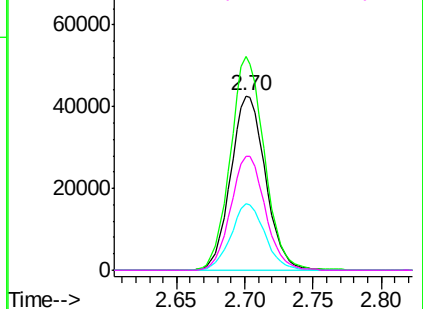


Abundance Ion 83.90 (83.60 to 84.60): VU0

Ion 48.90 (48.60 to 49.60): VU0

Ion 50.90 (50.60 to 51.60): VU0

Ion 85.90 (85.60 to 86.60): VU0



#32

1,1,1-Trichloroethane

Concen: 1.616 ug/l

RT: 4.91 min Scan# 1163

Delta R.T. 0.00 min

Lab File: VU029252.D

Acq: 21 Jan 2019 16:32

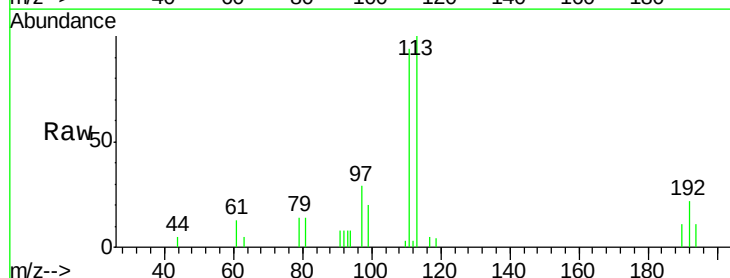
Tgt Ion: 97 Resp: 3050

Ion Ratio Lower Upper

97 100

99 69.2 51.0 76.4

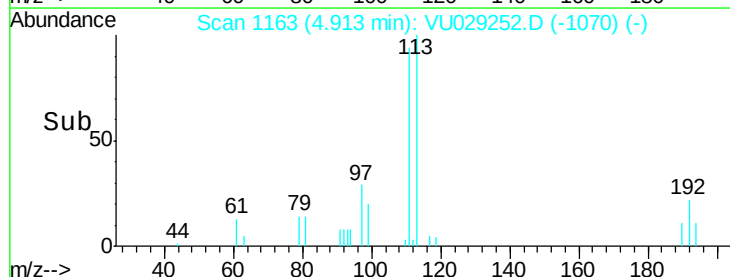
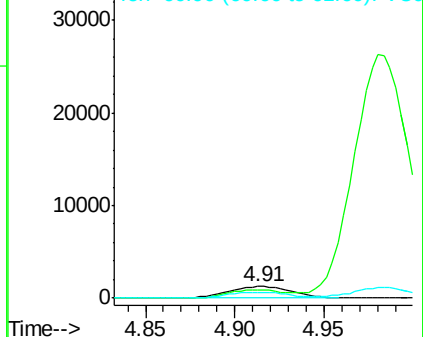
61 47.7 34.4 51.6

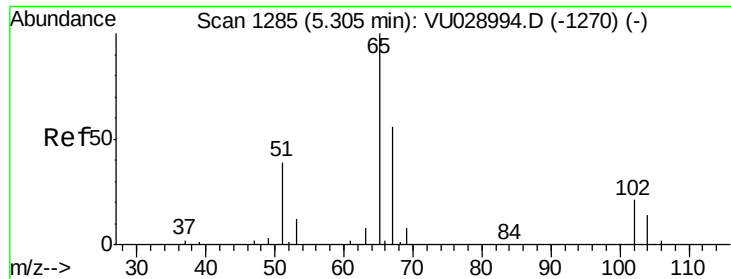


Abundance Ion 96.90 (96.60 to 97.60): VU0

Ion 98.90 (98.60 to 99.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

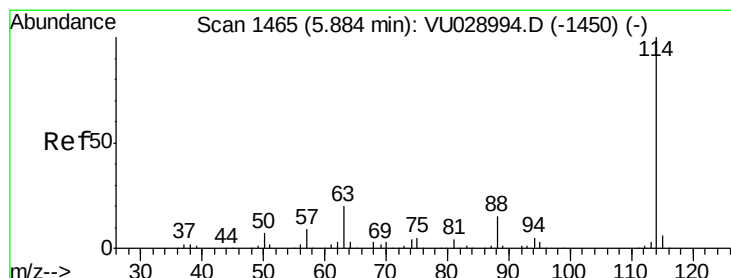
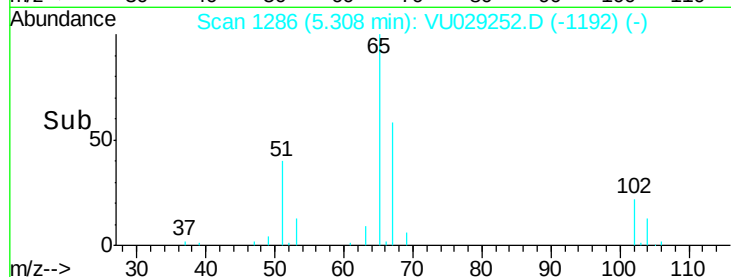
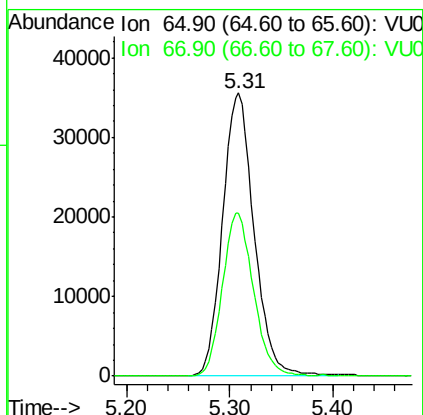
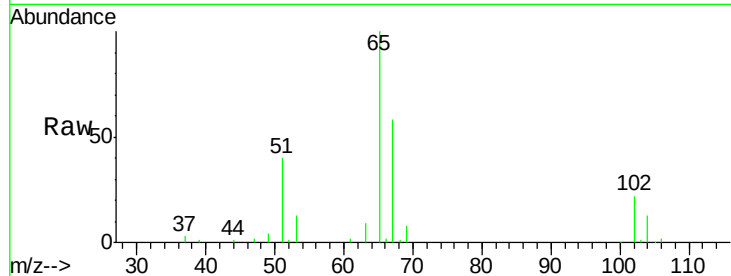




#33
 1,2-Dichloroethane-d4
 Concen: 55.355 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: VU029252.D
 Acq: 21 Jan 2019 16:32

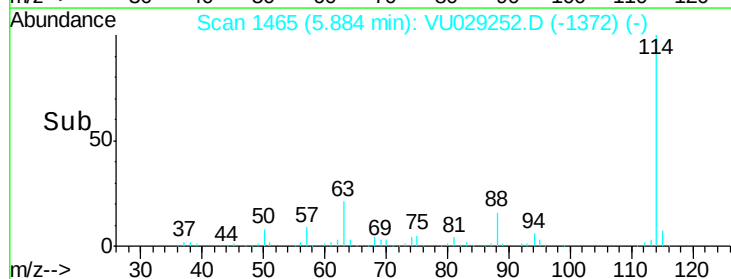
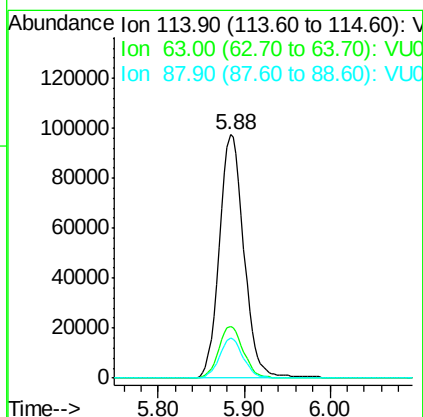
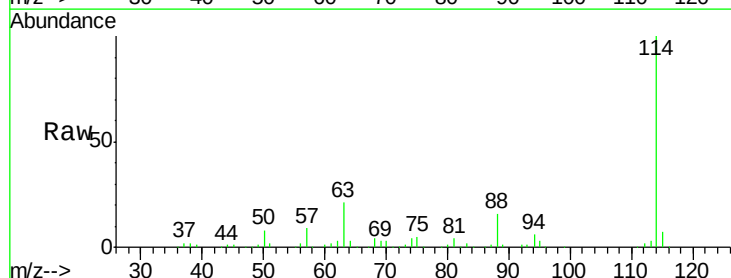
Instrument :
 MSVOA_U
 ClientSampleId :
 PL-01-011819-C

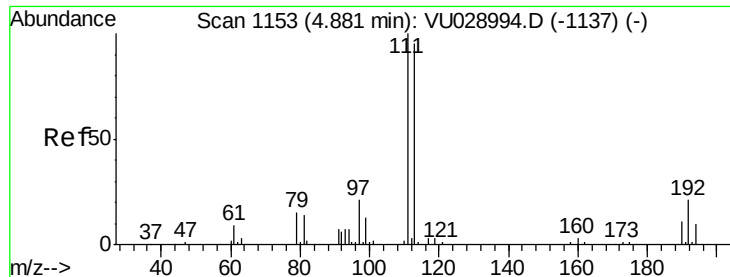
Tot Ion: 65 Resp: 75575
 Ion Ratio Lower Upper
 65 100
 67 56.7 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029252.D
 Acq: 21 Jan 2019 16:32

Tgt Ion: 114 Resp: 193964
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 40.2
 88 16.4 0.0 30.4

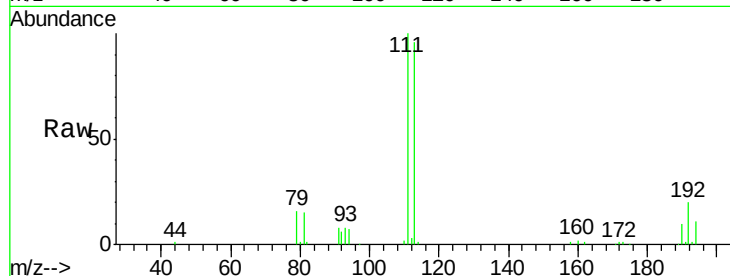




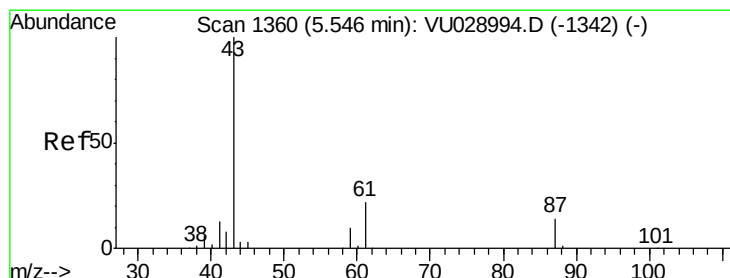
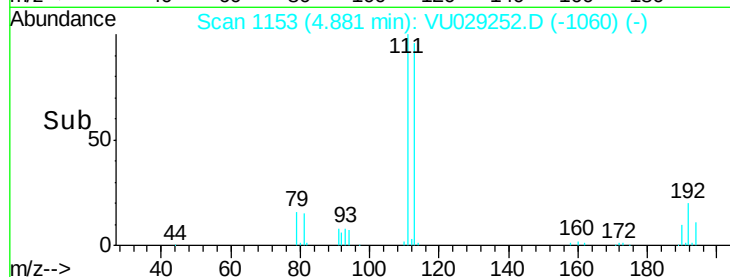
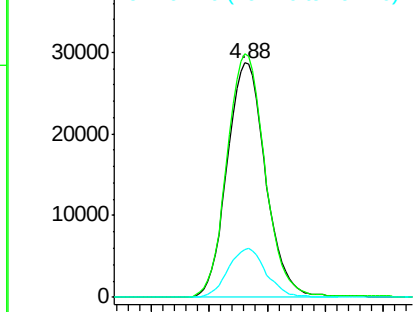
#35
 Dibromofluoromethane
 Concen: 52.396 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029252.D
 Acq: 21 Jan 2019 16:32

Instrument :
 MSVOA_U
 ClientSampleId :
 PL-01-011819-C

Tot Ion:113 Resp: 65879
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.4 122.2
 192 20.5 16.8 25.2

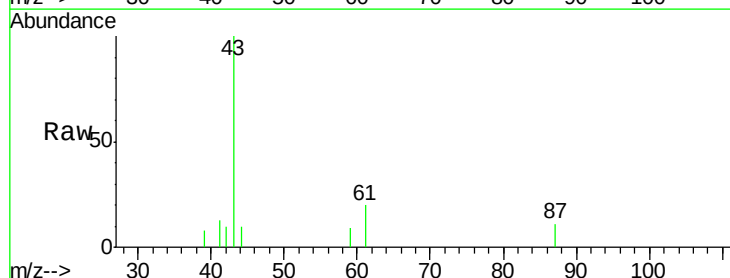


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

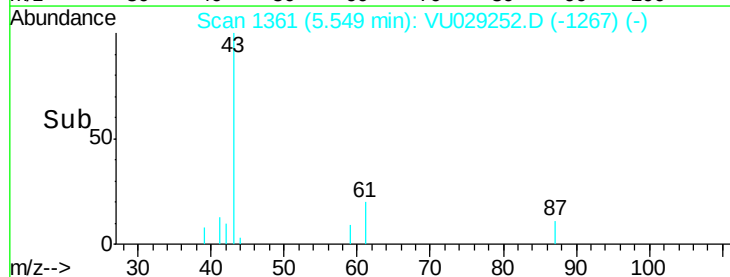
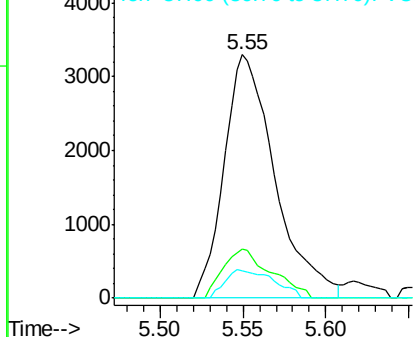


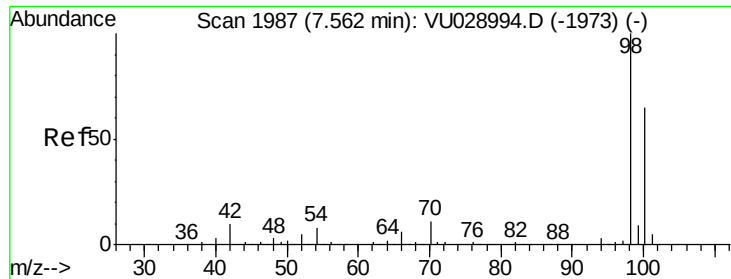
#43
 Isopropyl Acetate
 Concen: 2.152 ug/l
 RT: 5.55 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: VU029252.D
 Acq: 21 Jan 2019 16:32

Tgt Ion: 43 Resp: 7026
 Ion Ratio Lower Upper
 43 100
 61 19.0 17.8 26.6
 87 10.9 11.3 16.9#



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 87.00 (86.70 to 87.70): VU0

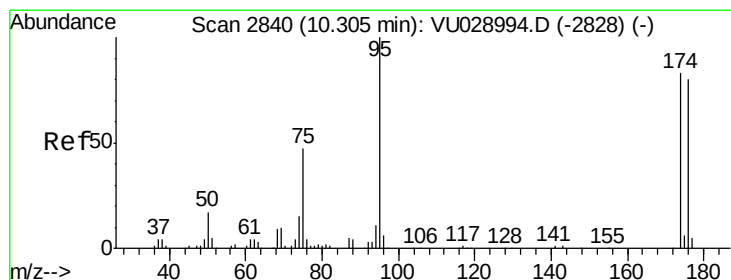
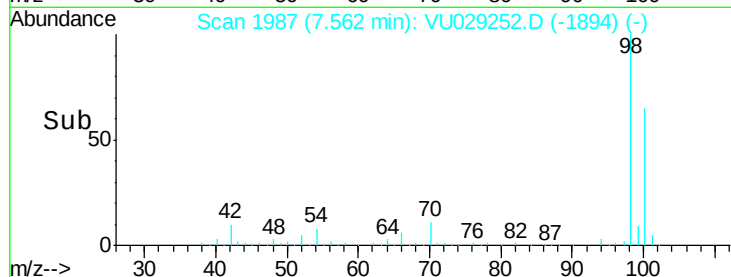
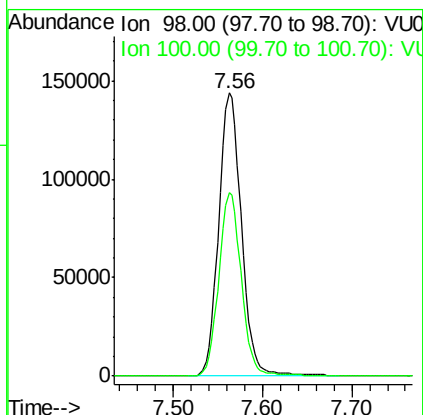
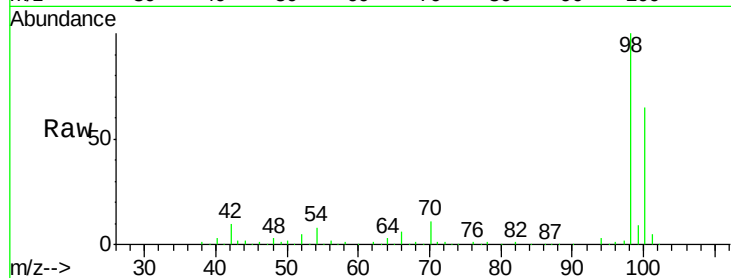




#50
Toluene-d8
Concen: 51.311 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029252.D
Acq: 21 Jan 2019 16:32

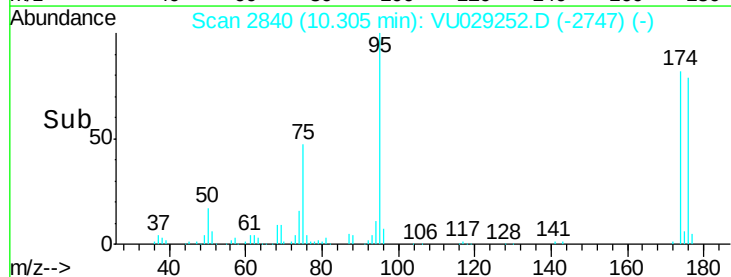
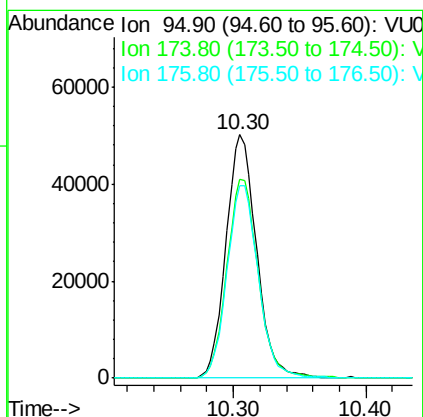
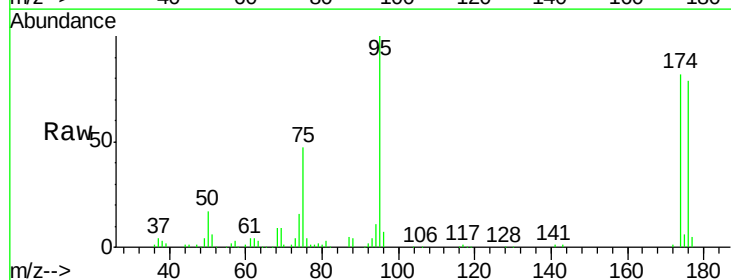
Instrument :
MSVOA_U
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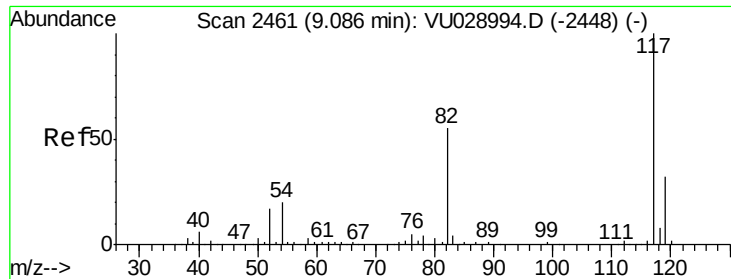
Tot Ion: 98 Resp: 254696
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 44.982 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU029252.D
Acq: 21 Jan 2019 16:32

Tgt Ion: 95 Resp: 80243
Ion Ratio Lower Upper
95 100
174 83.9 0.0 170.6
176 81.1 0.0 165.0

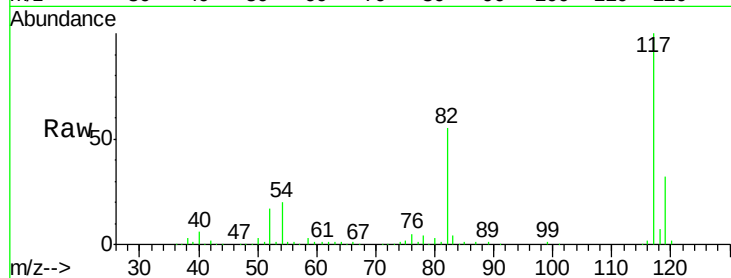




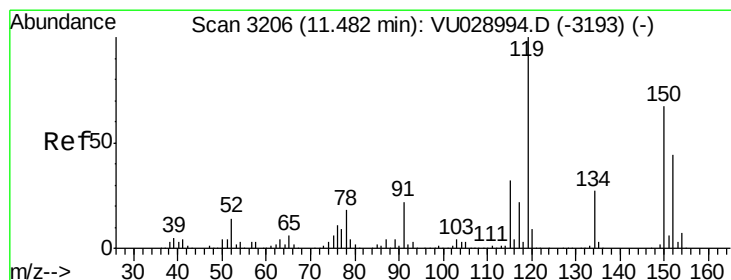
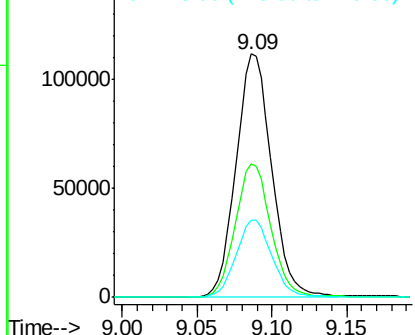
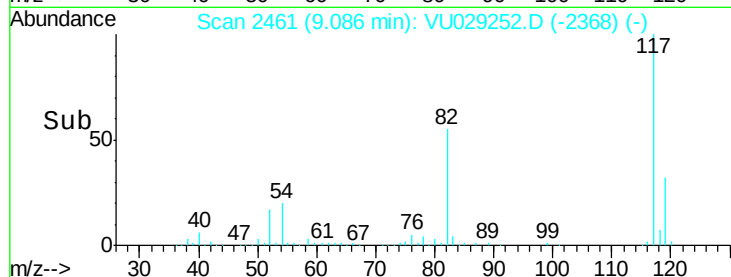
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. 0.00 min
Lab File: VU029252.D
Acq: 21 Jan 2019 16:32

Instrument :
MSVOA_U
ClientSampleId :
PL-01-011819-C

Tot Ion:117 Resp: 185493
Ion Ratio Lower Upper
117 100
82 55.0 43.9 65.9
119 31.8 26.0 39.0

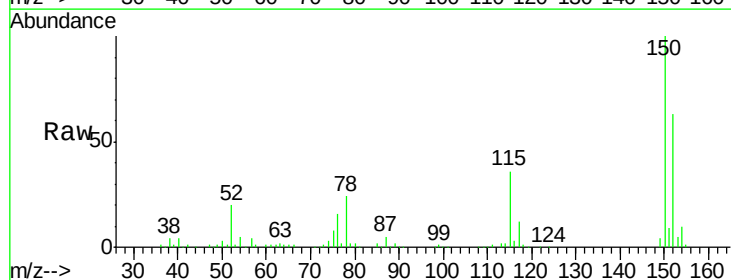


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

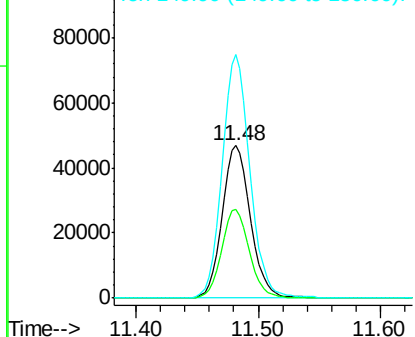
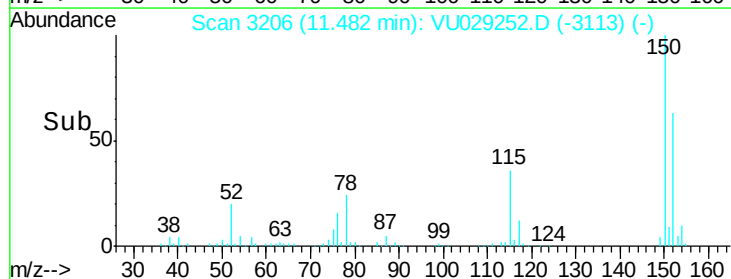


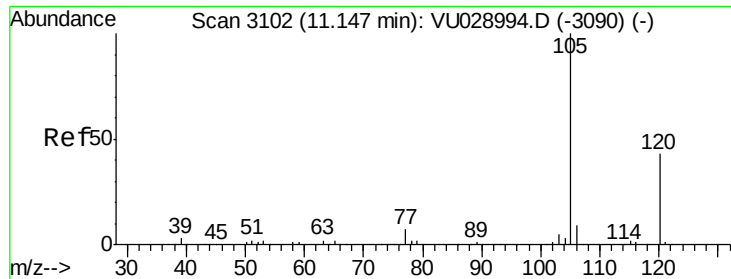
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU029252.D
Acq: 21 Jan 2019 16:32

Tgt Ion:152 Resp: 76420
Ion Ratio Lower Upper
152 100
115 57.1 40.1 120.3
150 156.7 0.0 345.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#84

1,2,4-Trimethylbenzene

Concen: 1.325 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. 0.00 min

Lab File: VU029252.D

Acq: 21 Jan 2019 16:32

Instrument :

MSVOA_U

ClientSampleId :

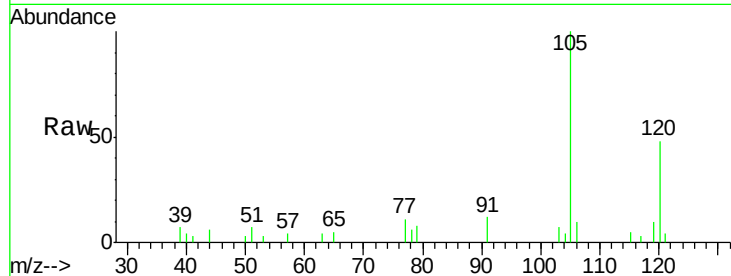
PL-01-011819-C

Tot Ion:105 Resp: 6251

Ion Ratio Lower Upper

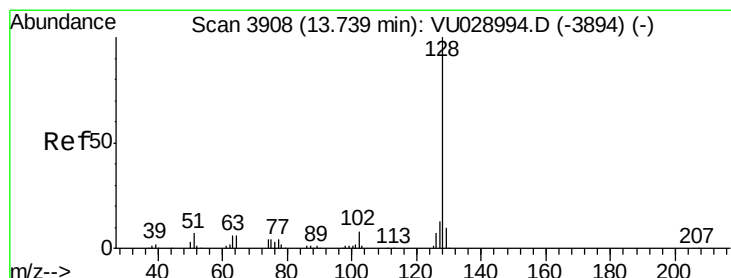
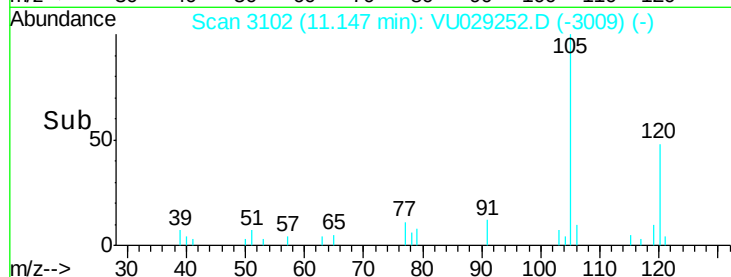
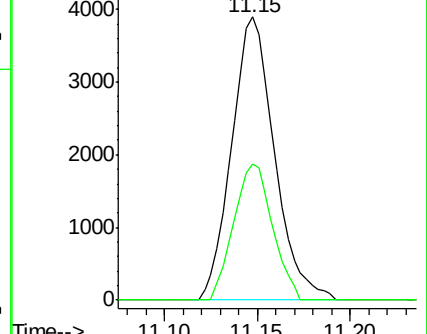
105 100

120 43.3 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 1.562 ug/l

RT: 13.75 min Scan# 3910

Delta R.T. 0.01 min

Lab File: VU029252.D

Acq: 21 Jan 2019 16:32

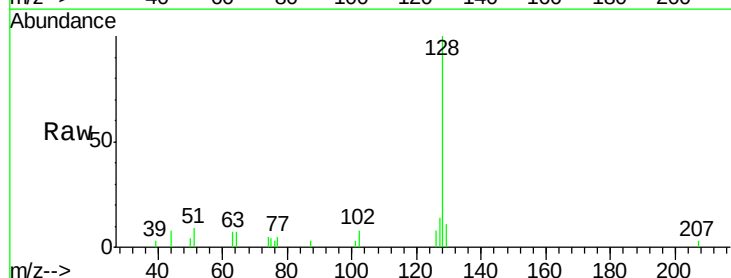
Tgt Ion:128 Resp: 9240

Ion Ratio Lower Upper

128 100

127 12.7 10.1 15.1

129 10.3 8.5 12.7



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

