

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112918\
 Data File : VU028391.D
 Acq On : 29 Nov 2018 14:14
 Operator : MD/SY
 Sample : J6081-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S32-0640

Quant Time: Nov 30 07:34:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 01:04:49 2018
 Response via : Initial Calibration

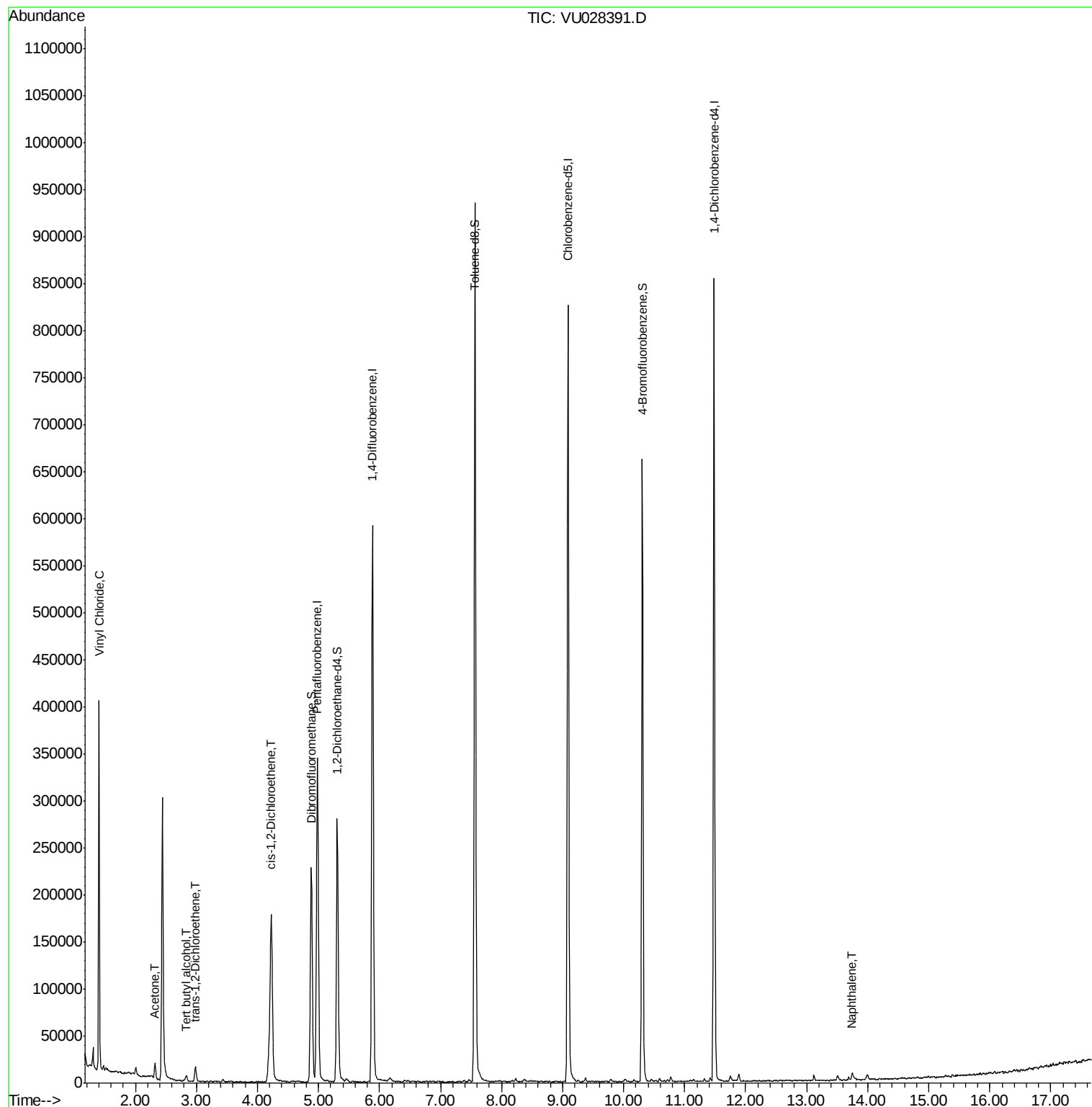
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	249134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	466968	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	436039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	202264	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	214936	51.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.24%	
35) Dibromofluoromethane	4.88	113	157396	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
50) Toluene-d8	7.57	98	615691	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
62) 4-Bromofluorobenzene	10.31	95	221264	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
Target Compounds						
4) Vinyl Chloride	1.40	62	249429	55.032	ug/l	99
11) Tert butyl alcohol	2.83	59	5601	5.921	ug/l #	88
16) Acetone	2.32	43	18997	7.459	ug/l	94
21) trans-1,2-Dichloroethene	2.98	96	5969	1.934	ug/l	96
27) cis-1,2-Dichloroethene	4.23	96	92678	25.388	ug/l	87
95) Naphthalene	13.75	128	8220	3.291	ug/l #	85

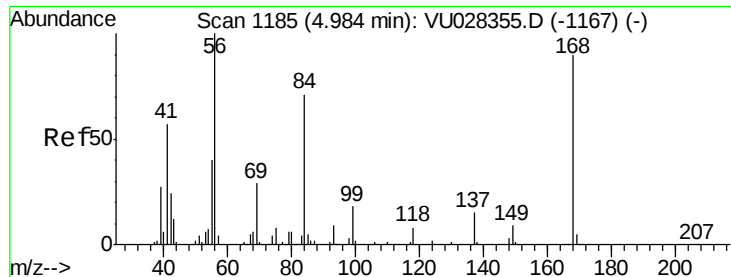
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028391.D

Acq: 29 Nov 2018 14:14

Instrument :

MSVOA_U

ClientSampleId :

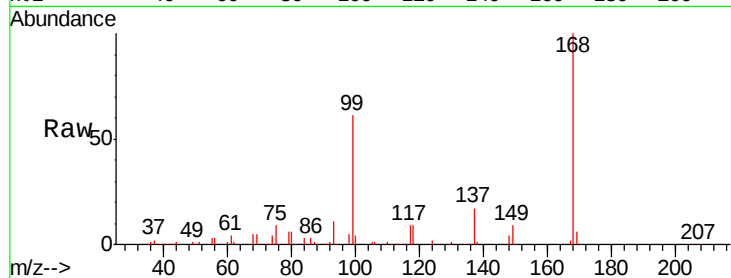
S32-0640

Tgt Ion:168 Resp: 249134

Ion Ratio Lower Upper

168 100

99 61.2 49.6 74.4



Abundance Ion 167.90 (167.60 to 168.60): VU028355.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028391.D (-1092) (-)

4.98

120000

100000

80000

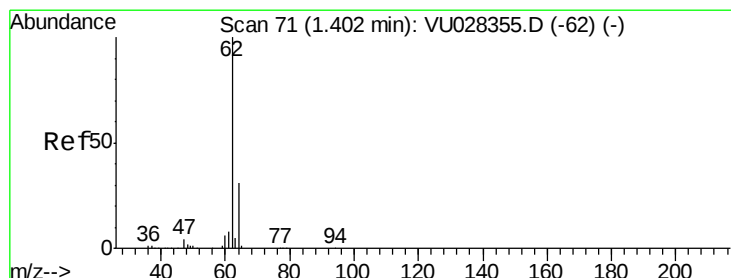
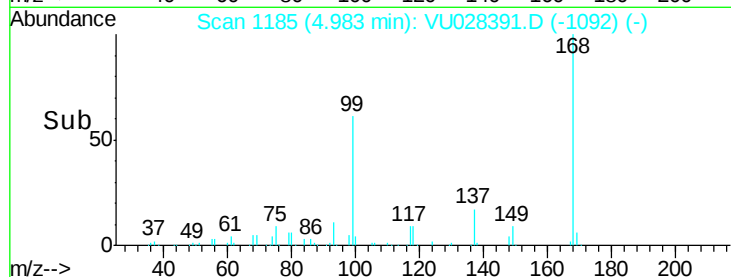
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 55.032 ug/l

RT: 1.40 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU028391.D

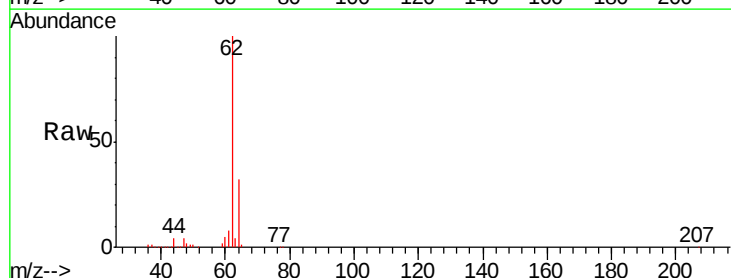
Acq: 29 Nov 2018 14:14

Tgt Ion: 62 Resp: 249429

Ion Ratio Lower Upper

62 100

64 31.8 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VU028355.D (-62) (-)

Ion 63.90 (63.60 to 64.60): VU028391.D (-1) (-)

1.40

250000

200000

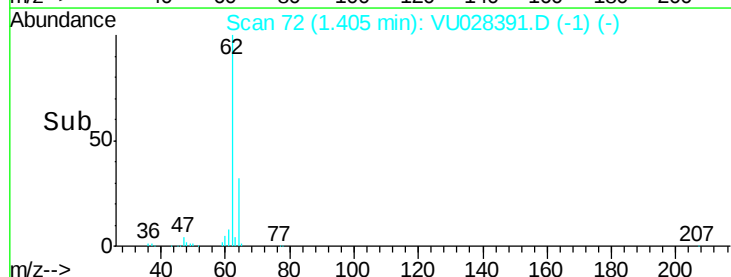
150000

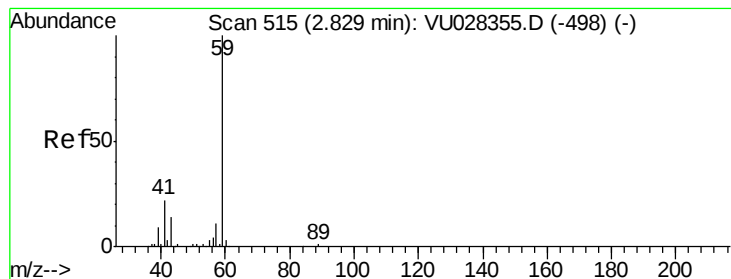
100000

50000

0

Time-->





#11

Tert butyl alcohol

Concen: 5.921 ug/l

RT: 2.83 min Scan# 515

Delta R.T. -0.00 min

Lab File: VU028391.D

Acq: 29 Nov 2018 14:14

Instrument :

MSVOA_U

ClientSampleId :

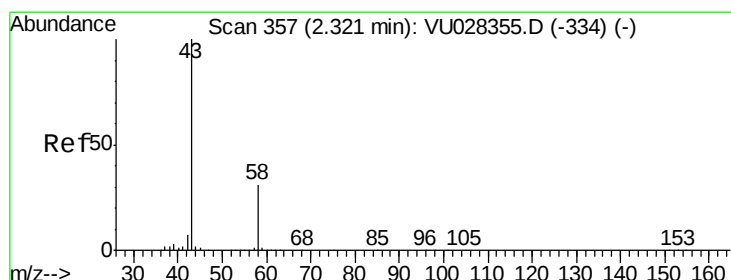
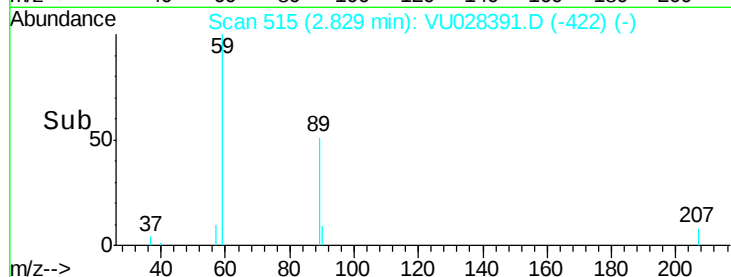
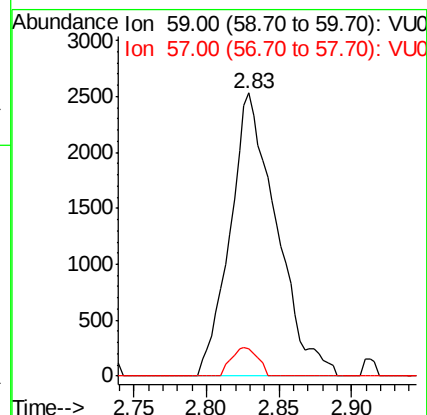
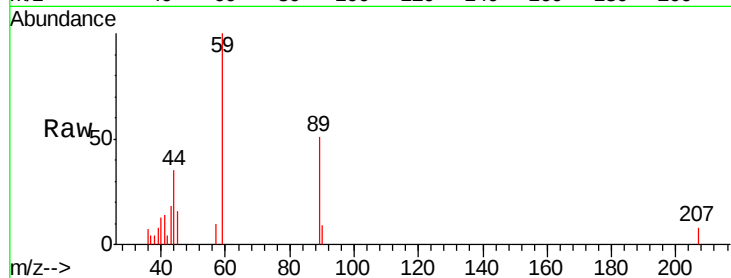
S32-0640

Tgt Ion: 59 Resp: 5601

Ion Ratio Lower Upper

59 100

57 5.8 8.3 12.5#



#16

Acetone

Concen: 7.459 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028391.D

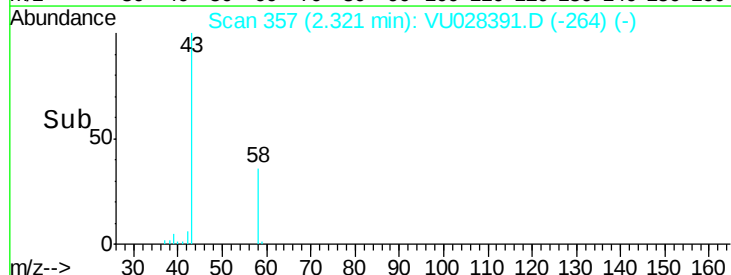
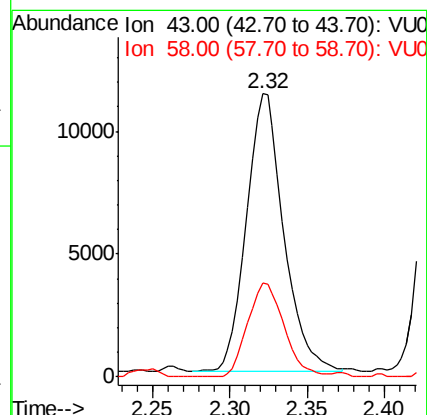
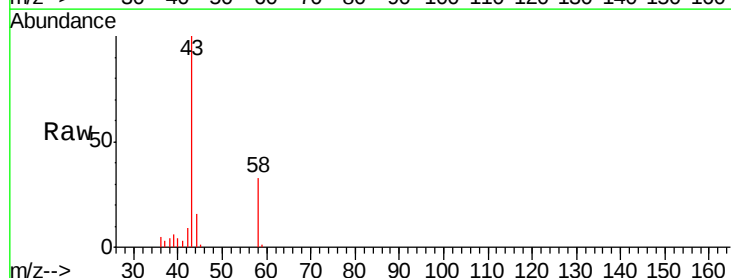
Acq: 29 Nov 2018 14:14

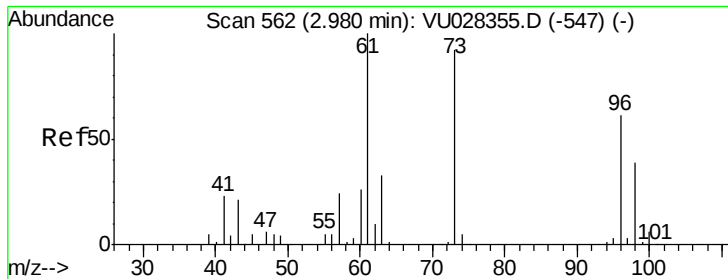
Tgt Ion: 43 Resp: 18997

Ion Ratio Lower Upper

43 100

58 33.8 24.4 36.6





#21

trans-1,2-Dichloroethene

Concen: 1.934 ug/l

RT: 2.98 min Scan# 562

Delta R.T. -0.00 min

Lab File: VU028391.D

Acq: 29 Nov 2018 14:14

Instrument :

MSVOA_U

ClientSampleId :

S32-0640

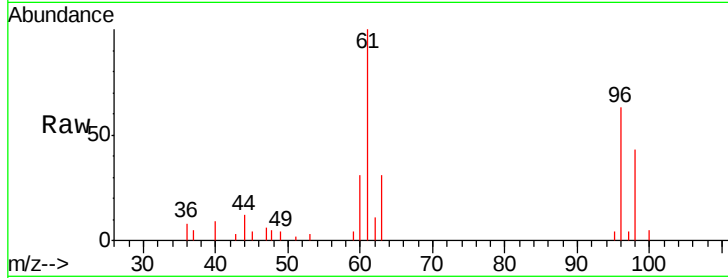
Tgt Ion: 96 Resp: 5969

Ion Ratio Lower Upper

96 100

61 159.6 131.1 196.7

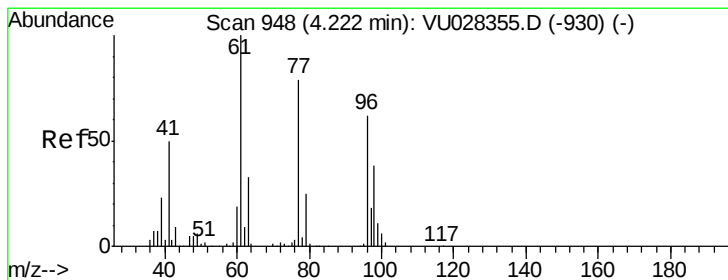
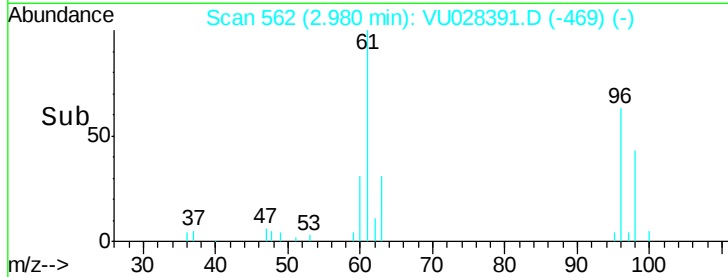
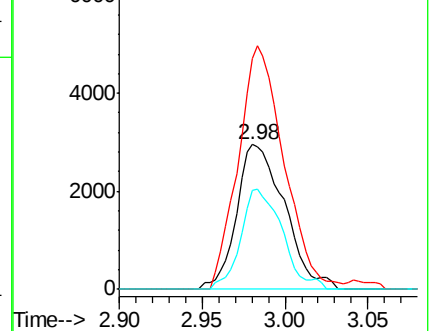
98 68.1 51.7 77.5



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#27

cis-1,2-Dichloroethene

Concen: 25.388 ug/l

RT: 4.23 min Scan# 950

Delta R.T. 0.01 min

Lab File: VU028391.D

Acq: 29 Nov 2018 14:14

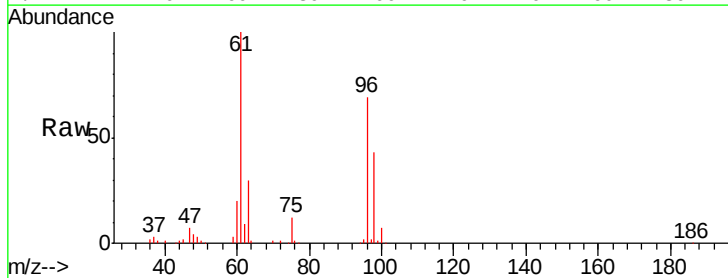
Tgt Ion: 96 Resp: 92678

Ion Ratio Lower Upper

96 100

61 147.0 0.0 342.0

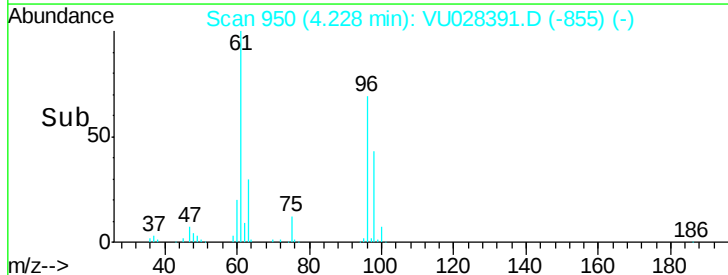
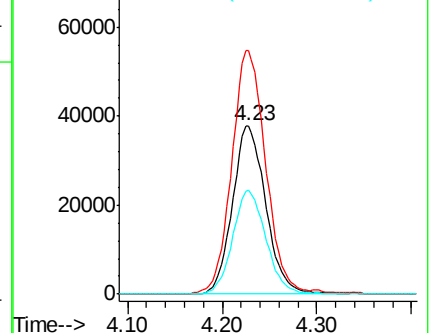
98 61.1 0.0 126.4

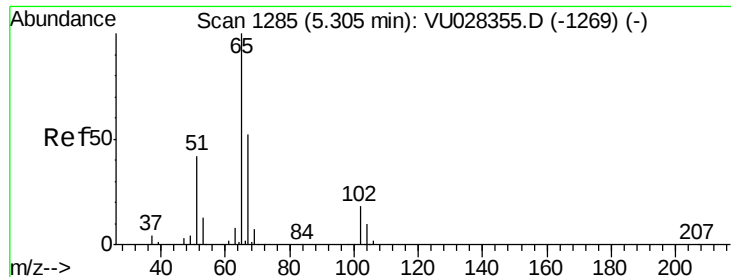


Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

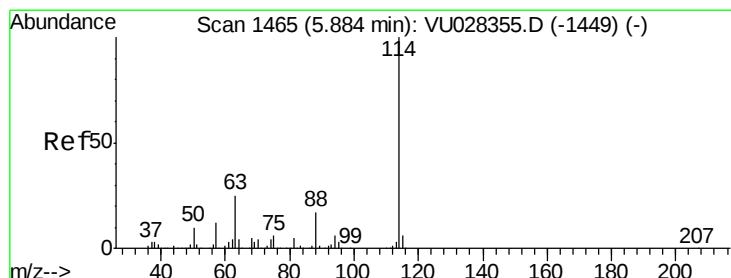
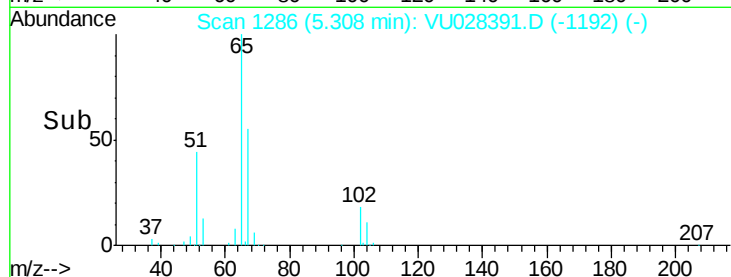
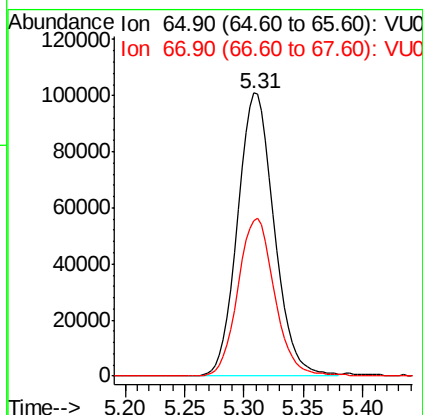
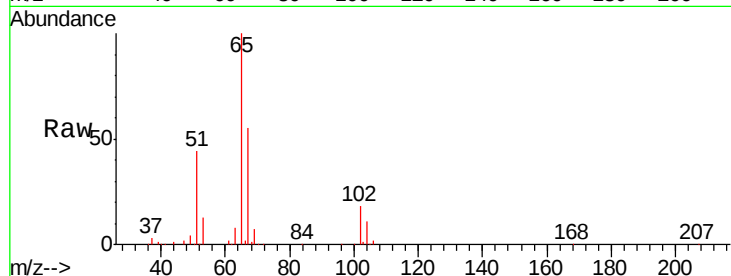




#33
 1,2-Dichloroethane-d4
 Concen: 51.622 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: VU028391.D
 Acq: 29 Nov 2018 14:14

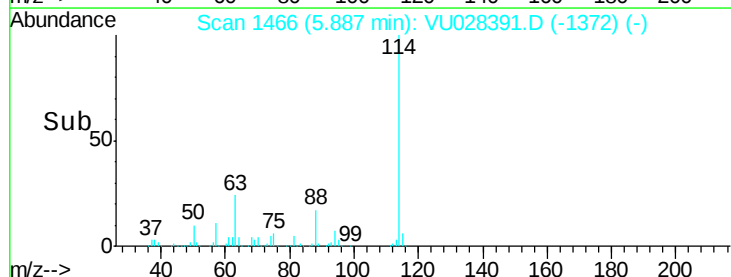
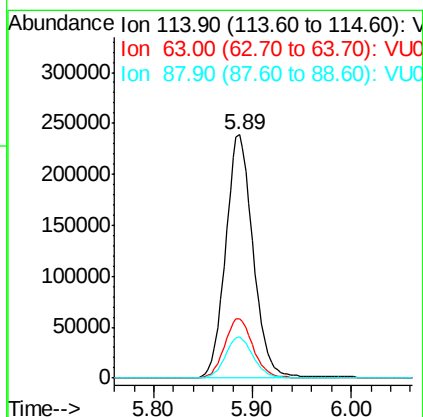
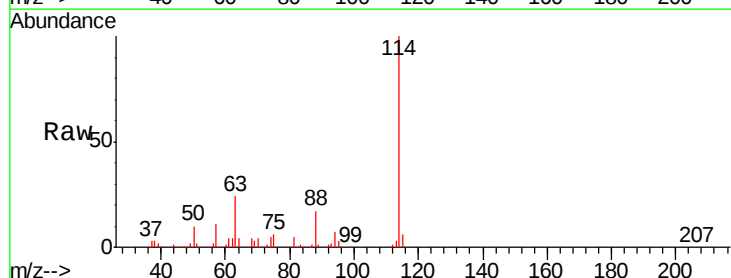
Instrument :
 MSVOA_U
 ClientSampleId :
 S32-0640

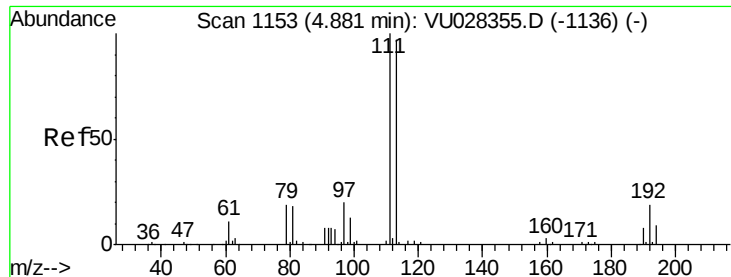
Tgt Ion: 65 Resp: 214936
 Ion Ratio Lower Upper
 65 100
 67 56.1 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028391.D
 Acq: 29 Nov 2018 14:14

Tgt Ion: 114 Resp: 466968
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 50.0
 88 16.8 0.0 34.4

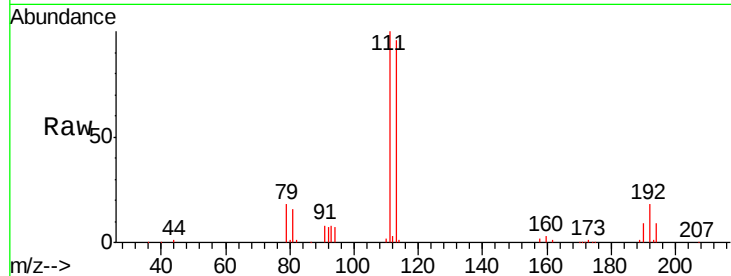




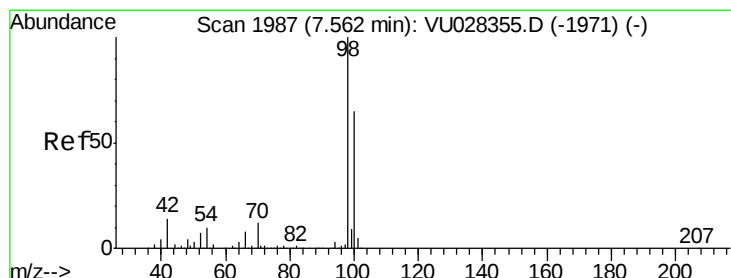
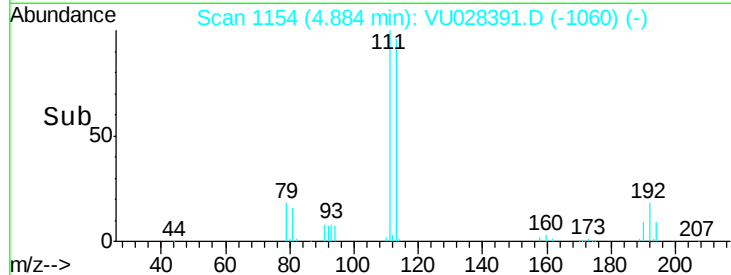
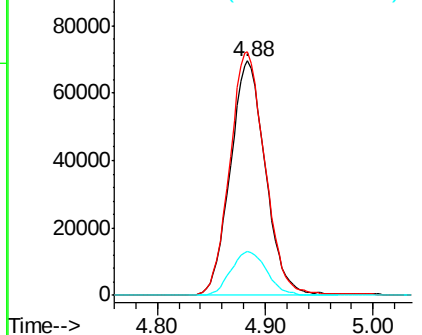
#35
 Dibromofluoromethane
 Concen: 50.689 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU028391.D
 Acq: 29 Nov 2018 14:14

Instrument :
 MSVOA_U
 ClientSampleId :
 S32-0640

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.9	124.3
192	19.1	15.4	23.0

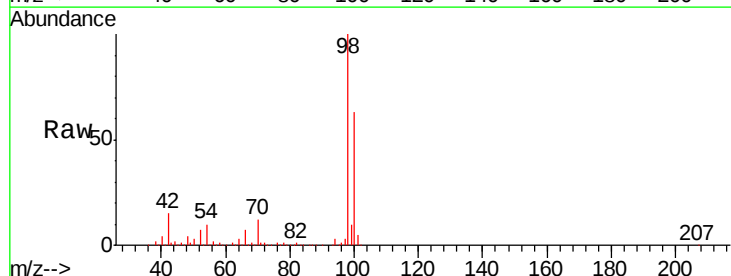


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

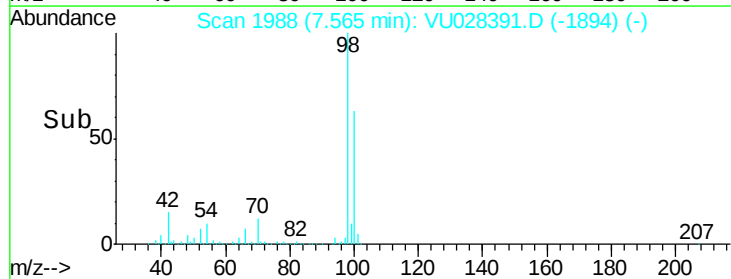
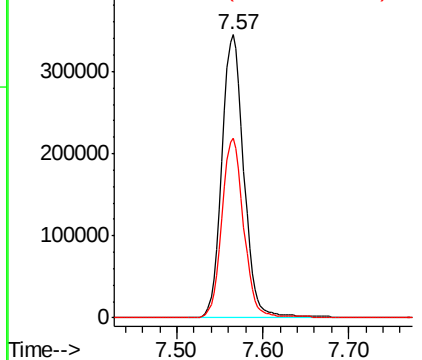


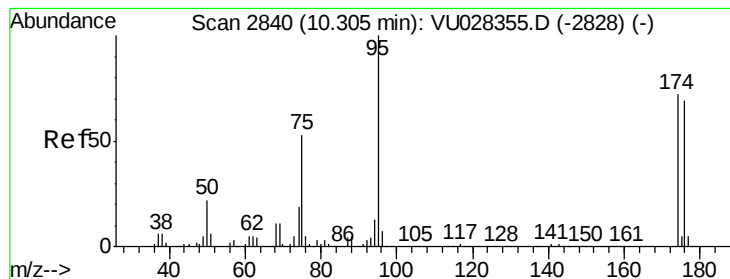
#50
 Toluene-d8
 Concen: 49.579 ug/l
 RT: 7.57 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VU028391.D
 Acq: 29 Nov 2018 14:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.5	50.8	76.2



Abundance Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU





#62

4-Bromofluorobenzene

Concen: 49.434 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028391.D

Acq: 29 Nov 2018 14:14

Instrument :

MSVOA_U

ClientSampleId :

S32-0640

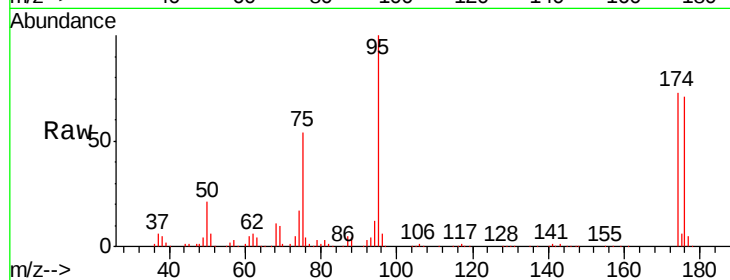
Tgt Ion: 95 Resp: 221264

Ion Ratio Lower Upper

95 100

174 72.9 0.0 145.4

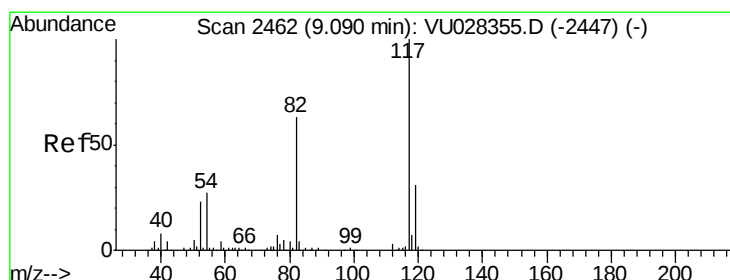
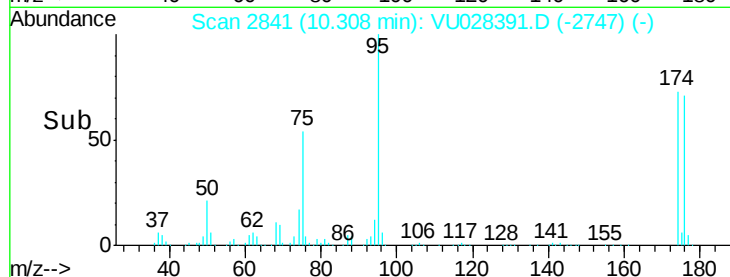
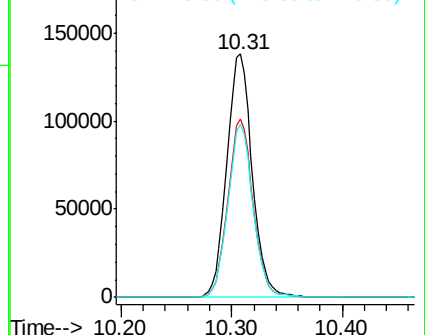
176 70.3 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU028391.D (-2747) (-)

Ion 173.80 (173.50 to 174.50): VU028391.D (-2747) (-)

Ion 175.80 (175.50 to 176.50): VU028391.D (-2747) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU028391.D

Acq: 29 Nov 2018 14:14

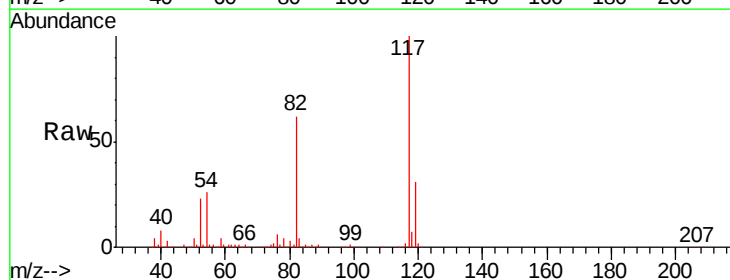
Tgt Ion: 117 Resp: 436039

Ion Ratio Lower Upper

117 100

82 61.9 50.3 75.5

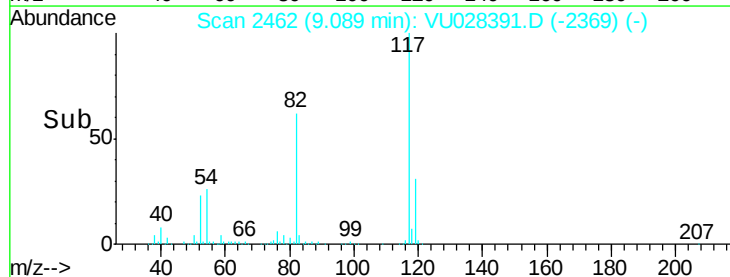
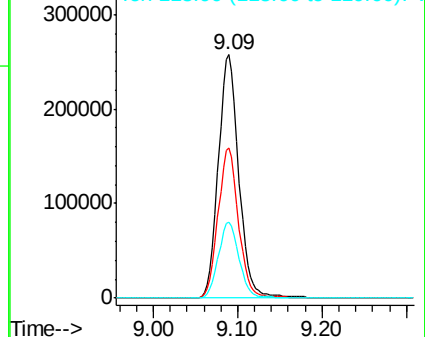
119 31.4 24.8 37.2

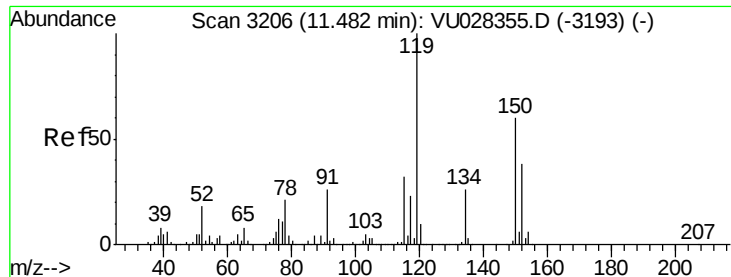


Abundance Ion 116.90 (116.60 to 117.60): VU028391.D (-2369) (-)

Ion 82.00 (81.70 to 82.70): VU028391.D (-2369) (-)

Ion 118.90 (118.60 to 119.60): VU028391.D (-2369) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU028391.D

Acq: 29 Nov 2018 14:14

Instrument :

MSVOA_U

ClientSampleId :

S32-0640

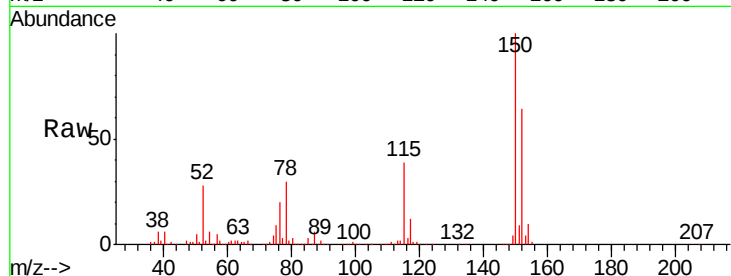
Tgt Ion:152 Resp: 202264

Ion Ratio Lower Upper

152 100

115 61.1 45.0 134.8

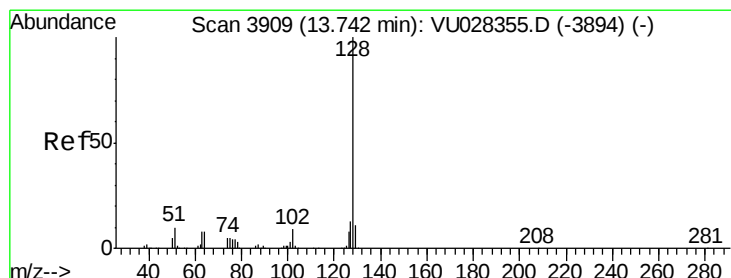
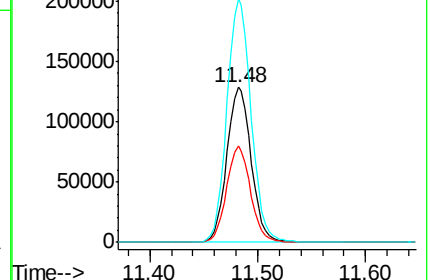
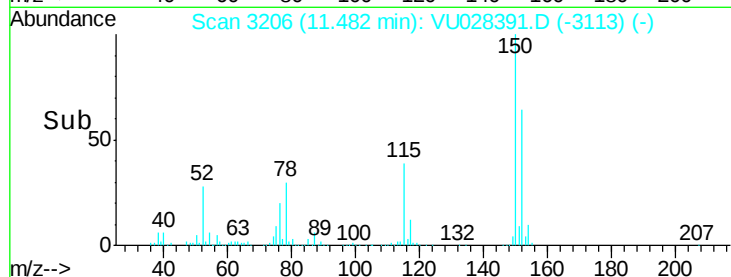
150 155.1 0.0 349.2



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



#95

Naphthalene

Concen: 3.291 ug/l

RT: 13.75 min Scan# 3910

Delta R.T. 0.00 min

Lab File: VU028391.D

Acq: 29 Nov 2018 14:14

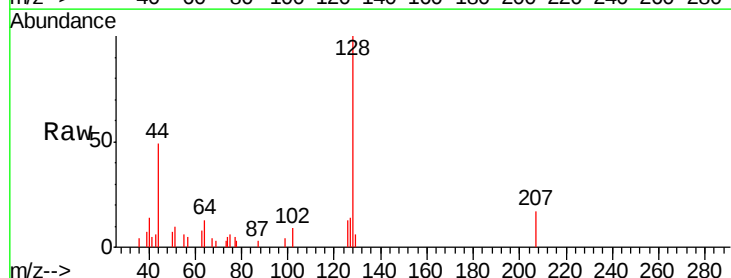
Tgt Ion:128 Resp: 8220

Ion Ratio Lower Upper

128 100

127 8.3 10.6 15.8#

129 4.1 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

