

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121118\
 Data File : VU028558.D
 Acq On : 10 Dec 2018 17:59
 Operator : MD/SY
 Sample : J6323-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-126D2-20181207

Quant Time: Dec 11 04:10:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	86111	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	163974	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	148352	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	59248	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	74453	56.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.32%	
35) Dibromofluoromethane	4.88	113	54463	52.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.56%	
50) Toluene-d8	7.57	98	213015	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
62) 4-Bromofluorobenzene	10.30	95	71237	46.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.38%	

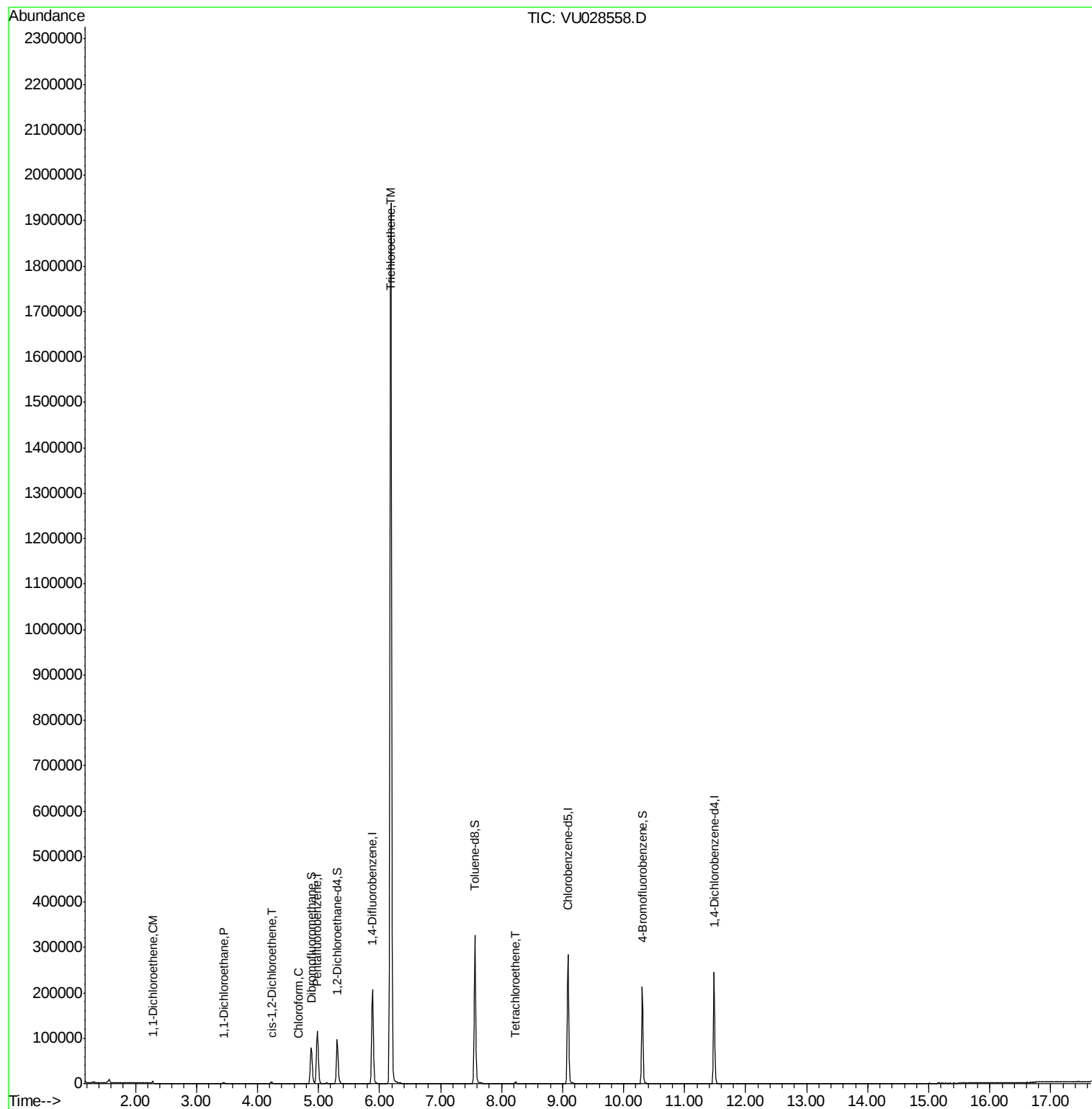
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.28	96	1212	1.264	ug/l	98
24) 1,1-Dichloroethane	3.45	63	3060	1.325	ug/l #	85
27) cis-1,2-Dichloroethene	4.23	96	2010	1.645	ug/l	93
30) Chloroform	4.67	83	692	0.344	ug/l #	81
44) Trichloroethene	6.19	130	605427	515.233	ug/l	99
64) Tetrachloroethene	8.23	164	847	0.856	ug/l	97

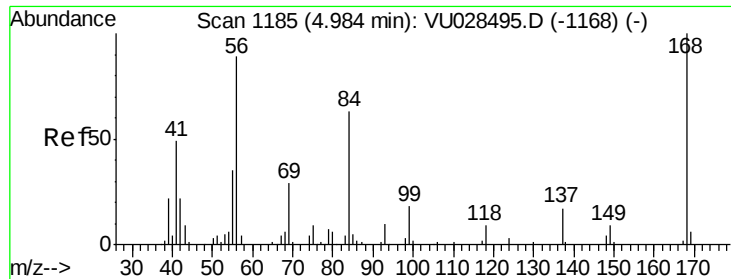
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121118\
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Quant Time: Dec 11 04:10:53 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
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: VU028558.D

Acq: 10 Dec 2018 17:59

Instrument :

MSVOA_U

ClientSampleId :

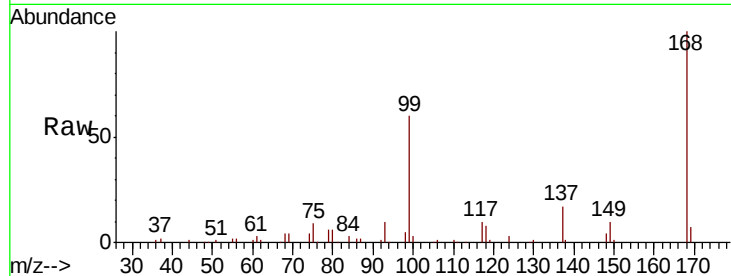
RE-126D2-20181207

Tot Ion:168 Resp: 86111

Ion Ratio Lower Upper

168 100

99 59.9 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028495.D (-1168) (-)

4.98

40000

30000

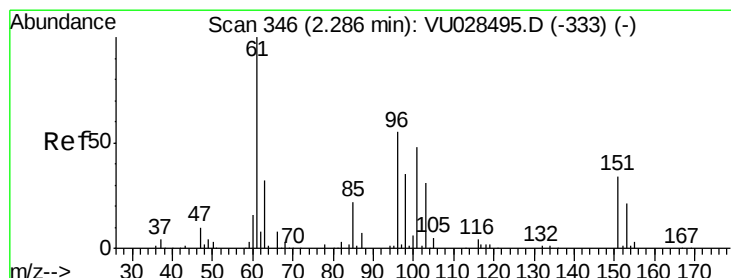
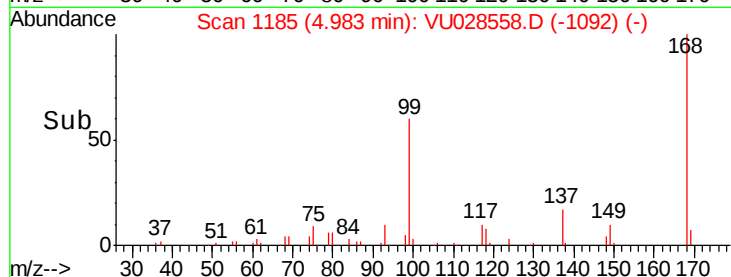
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#12

1,1-Dichloroethene

Concen: 1.264 ug/l

RT: 2.28 min Scan# 345

Delta R.T. -0.00 min

Lab File: VU028558.D

Acq: 10 Dec 2018 17:59

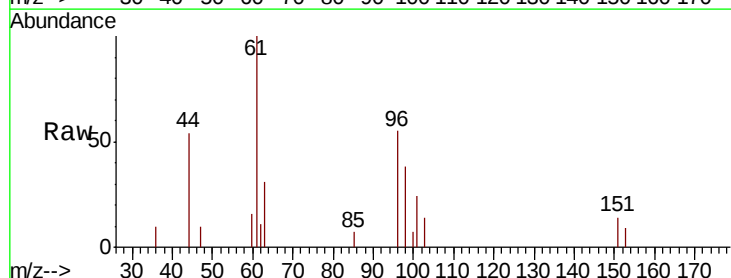
Tgt Ion: 96 Resp: 1212

Ion Ratio Lower Upper

96 100

61 183.2 146.4 219.6

98 69.8 51.8 77.8



Abundance Ion 95.90 (95.60 to 96.60): VU028495.D (-333) (-)

Ion 60.90 (60.60 to 61.60): VU028495.D (-333) (-)

Ion 97.90 (97.60 to 98.60): VU028495.D (-333) (-)

2000

1500

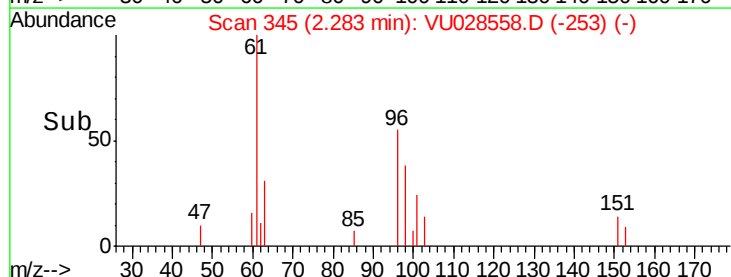
1000

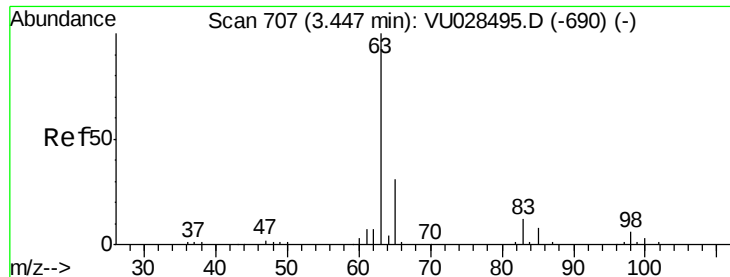
500

0

2.24 2.26 2.28 2.30 2.32

Time-->





#24

1,1-Dichloroethane

Concen: 1.325 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU028558.D

Acq: 10 Dec 2018 17:59

Instrument :

MSVOA_U

ClientSampleId :

RE-126D2-20181207

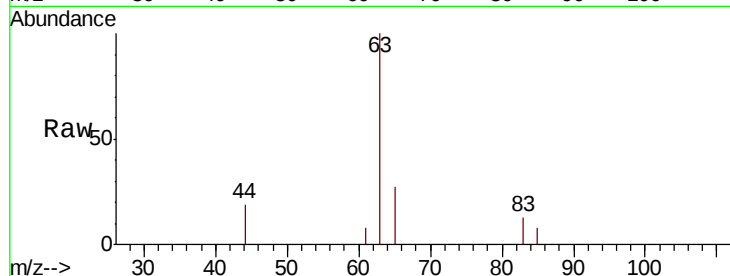
Tot Ion: 63 Resp: 3060

Ion Ratio Lower Upper

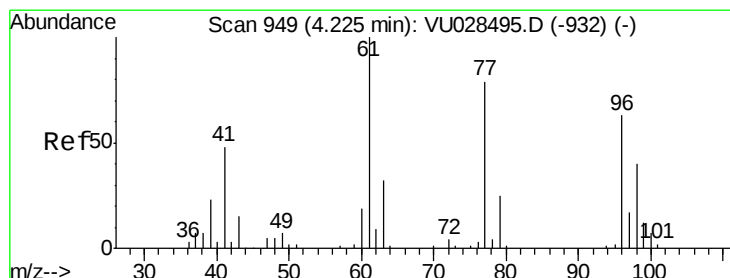
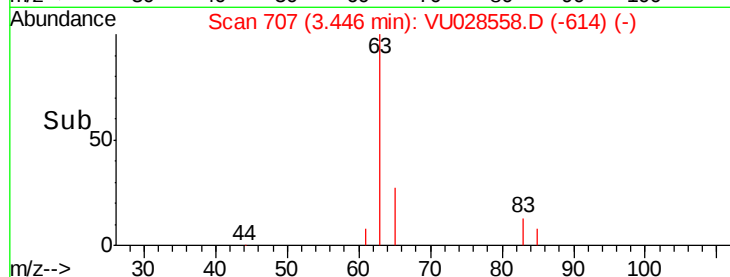
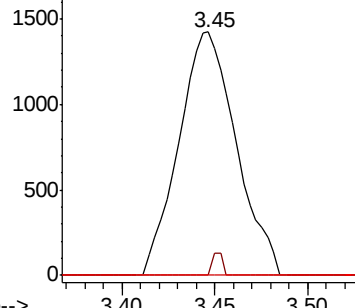
63 100

98 0.0 3.0 9.2#

100 0.0 1.7 5.1#



Abundance Ion 62.90 (62.60 to 63.60): VU0
Ion 97.90 (97.60 to 98.60): VU0
Ion 99.90 (99.60 to 100.60): VU0



#27

cis-1,2-Dichloroethene

Concen: 1.645 ug/l

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

Lab File: VU028558.D

Acq: 10 Dec 2018 17:59

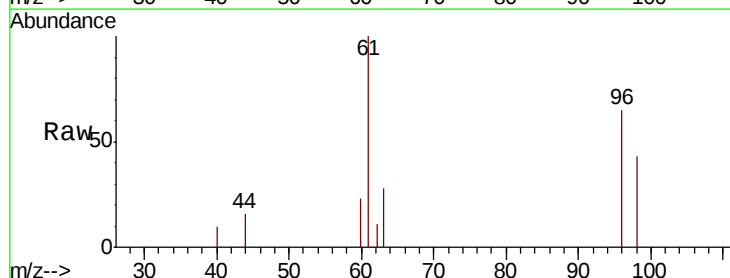
Tgt Ion: 96 Resp: 2010

Ion Ratio Lower Upper

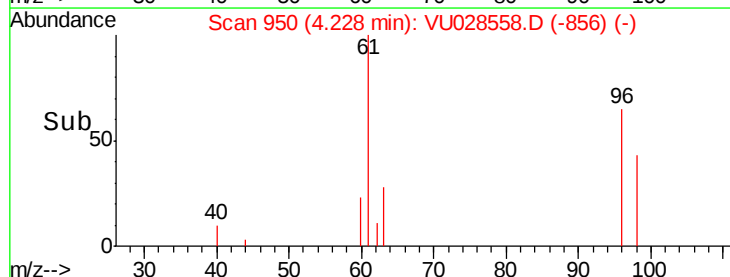
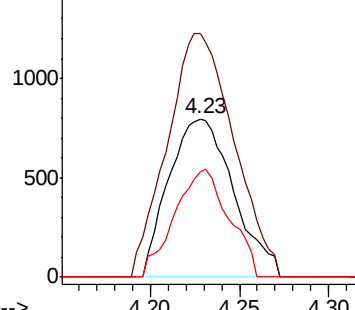
96 100

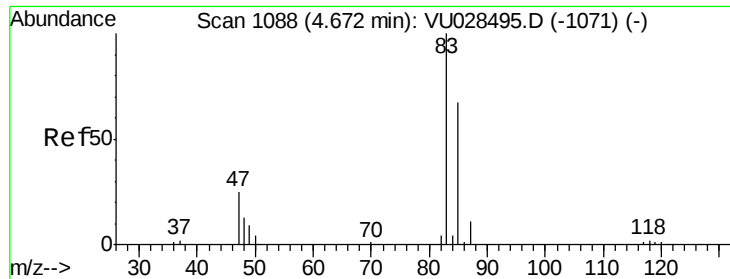
61 158.0 0.0 332.4

98 57.3 0.0 129.0



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

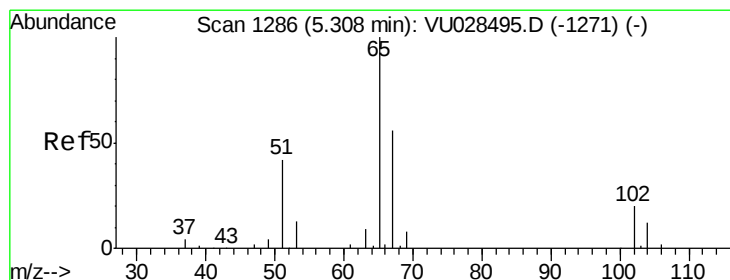
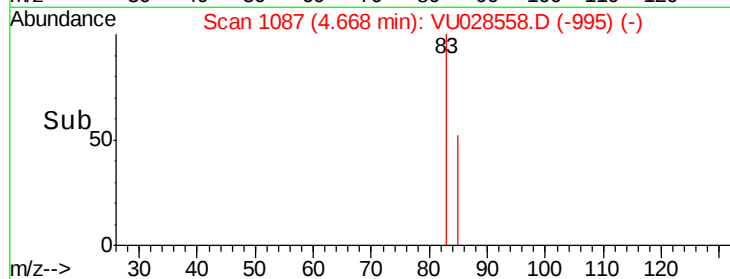
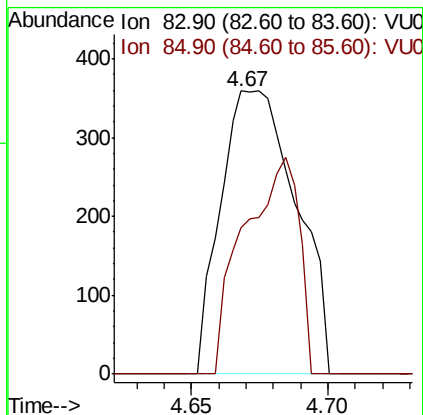
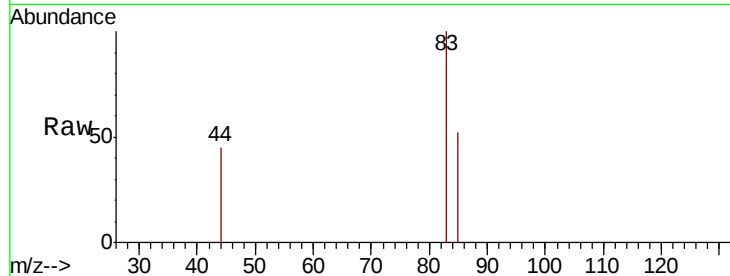




#30
Chloroform
Concen: 0.344 ug/l
RT: 4.67 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VU028558.D
Acq: 10 Dec 2018 17:59

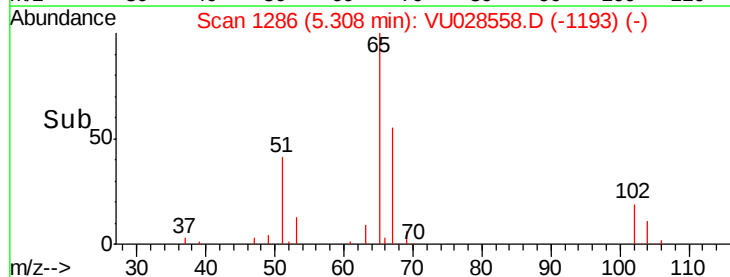
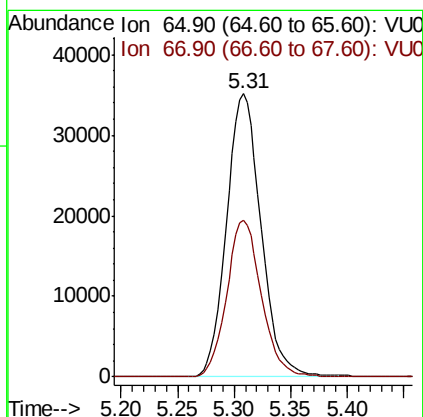
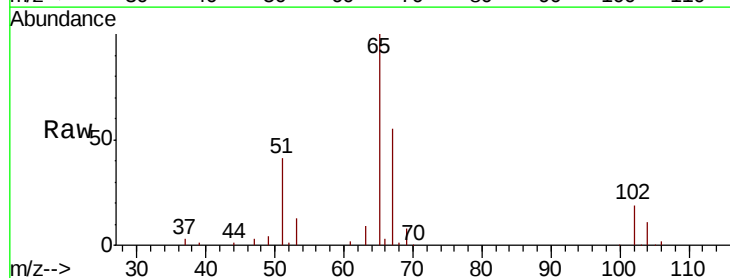
Instrument :
MSVOA_U
ClientSampleId :
RE-126D2-20181207

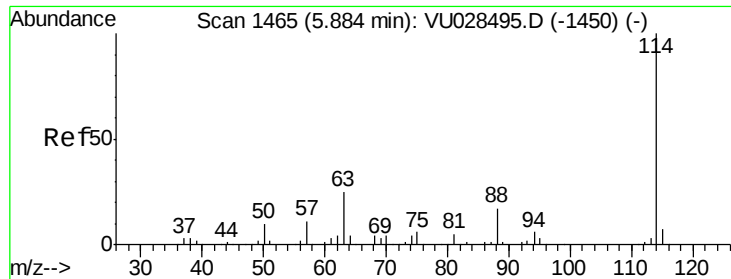
Tot Ion: 83 Resp: 692
Ion Ratio Lower Upper
83 100
85 51.8 53.6 80.4#



#33
1,2-Dichloroethane-d4
Concen: 56.657 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VU028558.D
Acq: 10 Dec 2018 17:59

Tgt Ion: 65 Resp: 74453
Ion Ratio Lower Upper
65 100
67 55.5 0.0 110.6

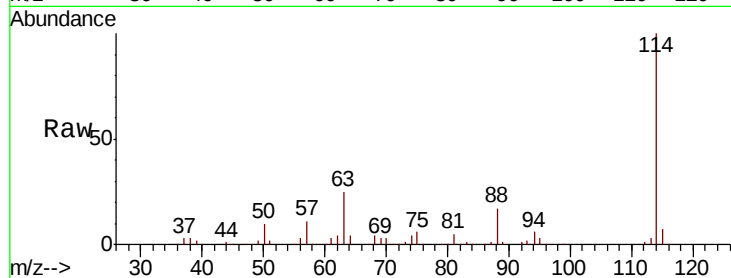




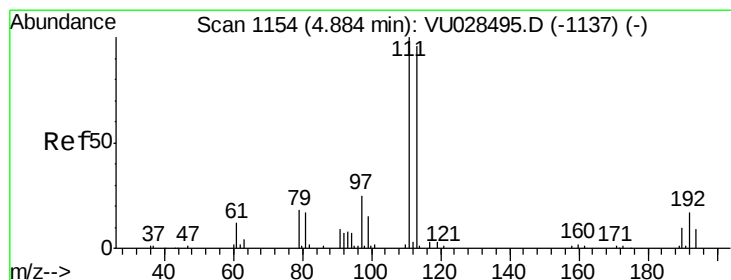
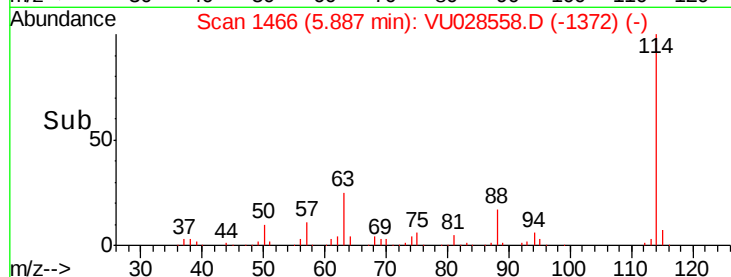
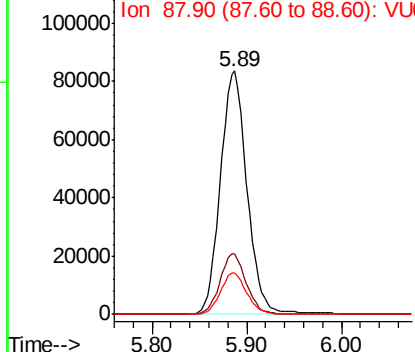
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1466
Delta R.T. 0.00 min
Lab File: VU028558.D
Acq: 10 Dec 2018 17:59

Instrument :
MSVOA_U
ClientSampleId :
RE-126D2-20181207

Tot Ion:114 Resp: 163974
Ion Ratio Lower Upper
114 100
63 25.0 0.0 49.2
88 16.9 0.0 33.4

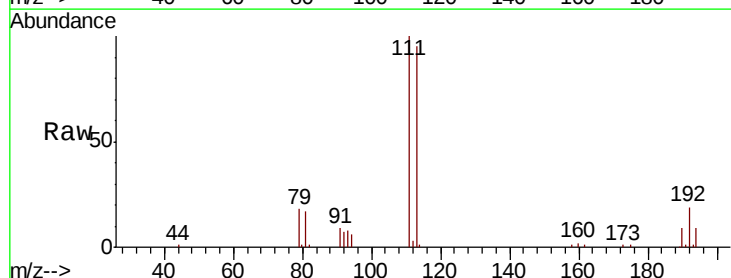


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VU0
Ion 87.90 (87.60 to 88.60): VU0

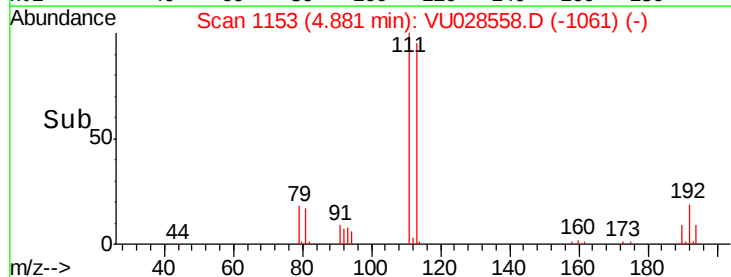
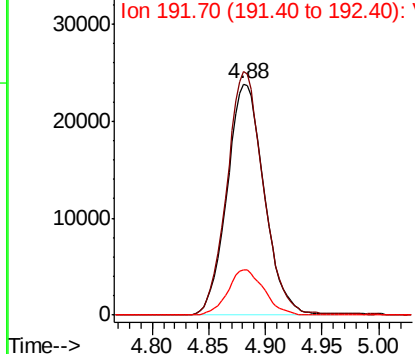


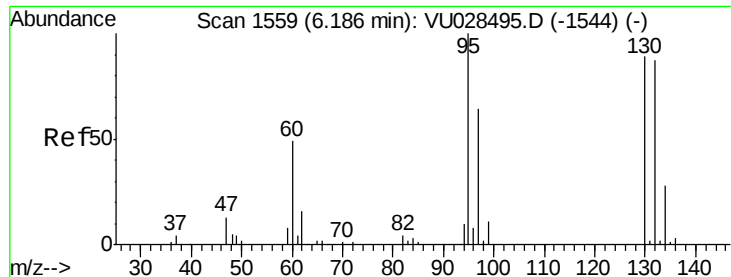
#35
Dibromofluoromethane
Concen: 52.779 ug/l
RT: 4.88 min Scan# 1153
Delta R.T. -0.00 min
Lab File: VU028558.D
Acq: 10 Dec 2018 17:59

Tgt Ion:113 Resp: 54463
Ion Ratio Lower Upper
113 100
111 103.3 83.4 125.0
192 18.9 14.8 22.2



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





#44

Trichloroethene

Concen: 515.233 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU028558.D

Acq: 10 Dec 2018 17:59

Instrument :

MSVOA_U

ClientSampleId :

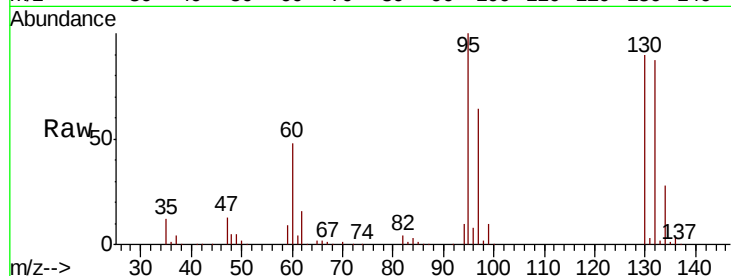
RE-126D2-20181207

Tot Ion:130 Resp: 605427

Ion Ratio Lower Upper

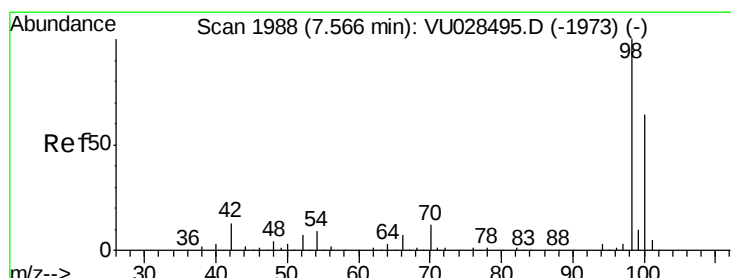
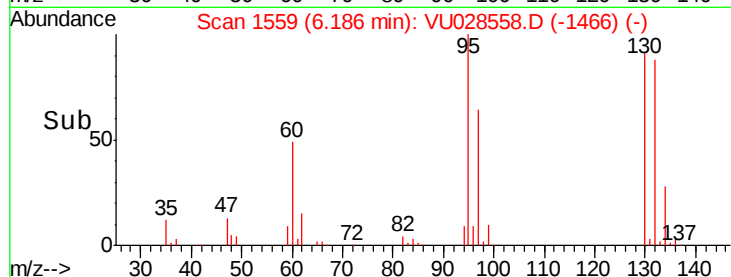
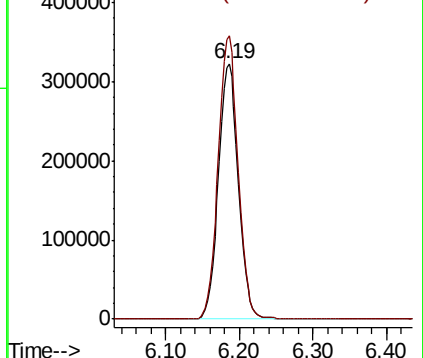
130 100

95 110.7 0.0 224.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0



#50

Toluene-d8

Concen: 52.184 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028558.D

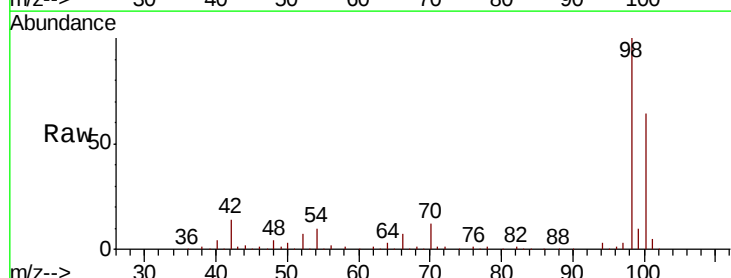
Acq: 10 Dec 2018 17:59

Tgt Ion: 98 Resp: 213015

Ion Ratio Lower Upper

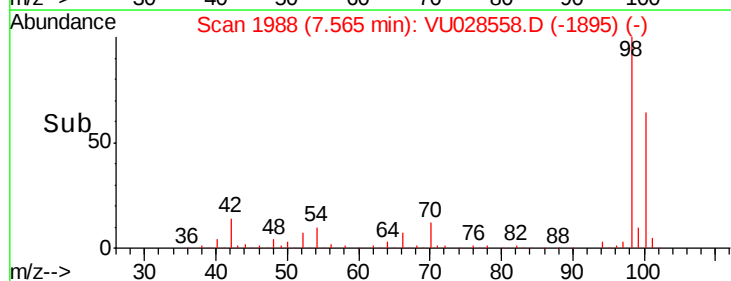
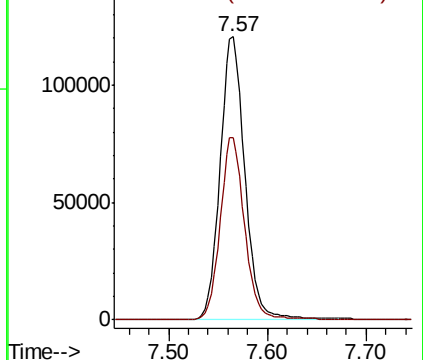
98 100

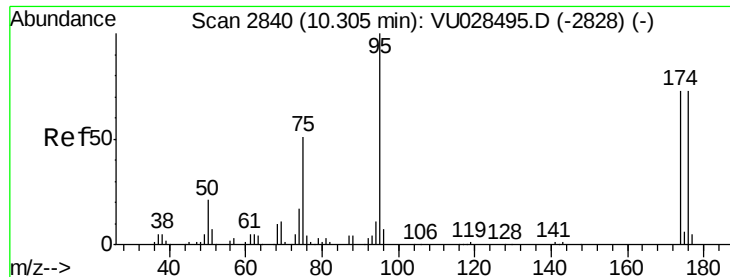
100 63.0 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

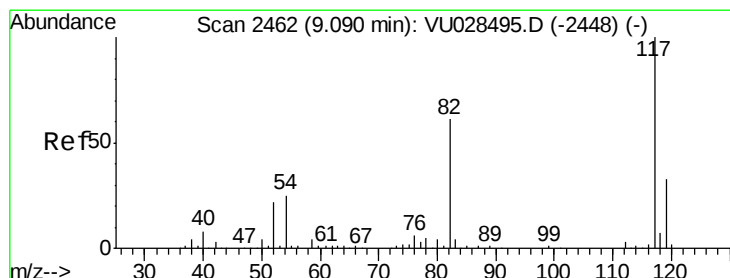
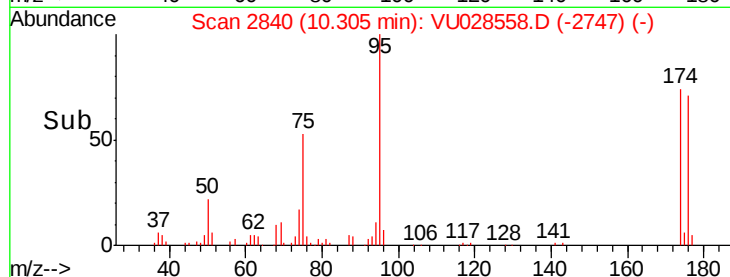
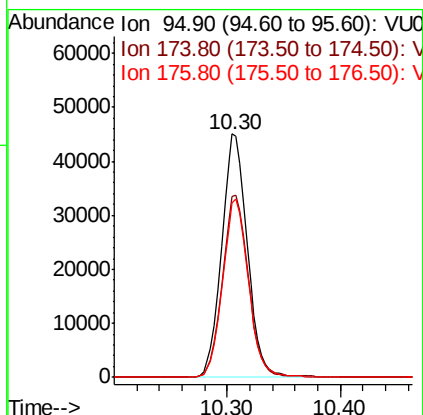
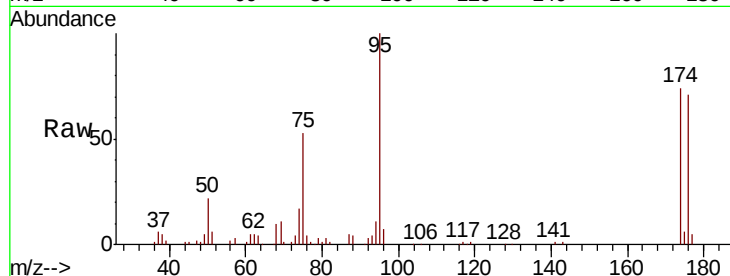




#62
4-Bromofluorobenzene
Concen: 46.691 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028558.D
Acq: 10 Dec 2018 17:59

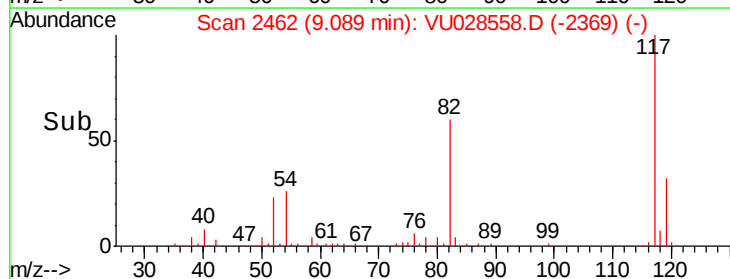
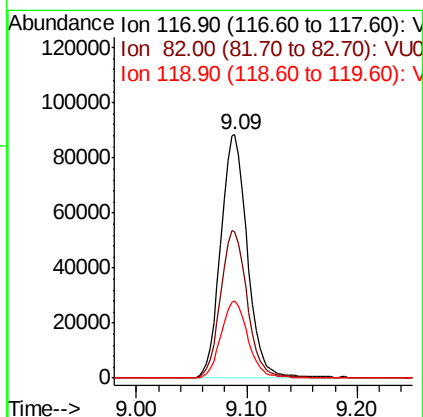
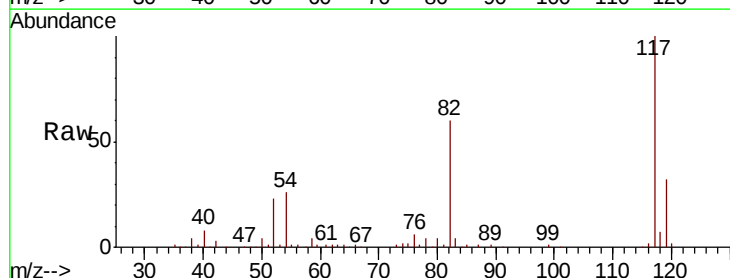
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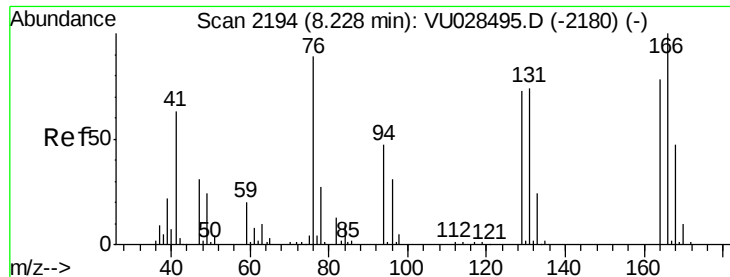
Tot Ion: 95 Resp: 71237
Ion Ratio Lower Upper
95 100
174 75.7 0.0 150.4
176 73.4 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028558.D
Acq: 10 Dec 2018 17:59

Tgt Ion: 117 Resp: 148352
Ion Ratio Lower Upper
117 100
82 60.3 48.9 73.3
119 31.7 26.2 39.4





#64

Tetrachloroethene

Concen: 0.856 ug/l

RT: 8.23 min Scan# 2195

Delta R.T. 0.00 min

Lab File: VU028558.D

Acq: 10 Dec 2018 17:59

Instrument :

MSVOA_U

ClientSampleId :

RE-126D2-20181207

Tot Ion:164 Resp: 847

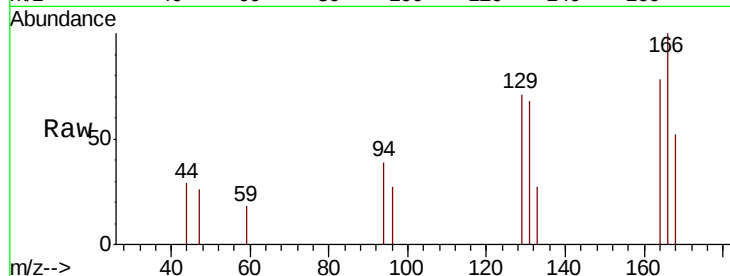
Ion Ratio Lower Upper

164 100

166 128.0 101.9 152.9

129 90.9 74.9 112.3

131 87.1 75.4 113.0



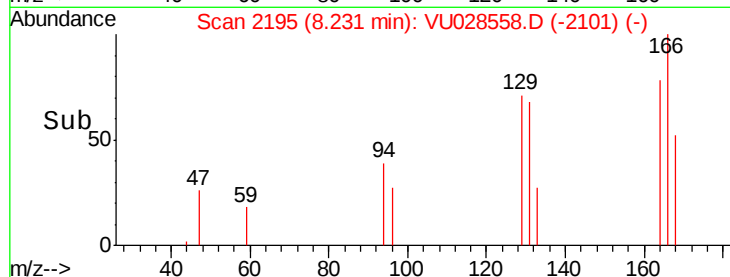
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

Time-->



Time-->

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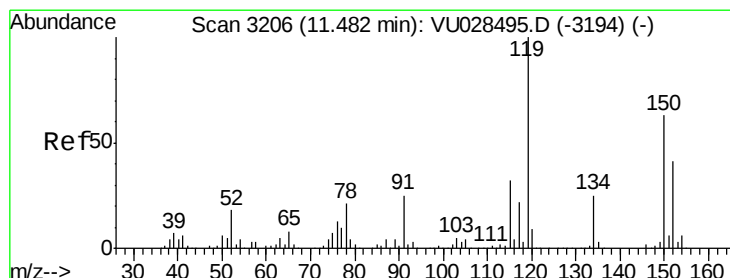
8.23

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8.23



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU028558.D

Acq: 10 Dec 2018 17:59

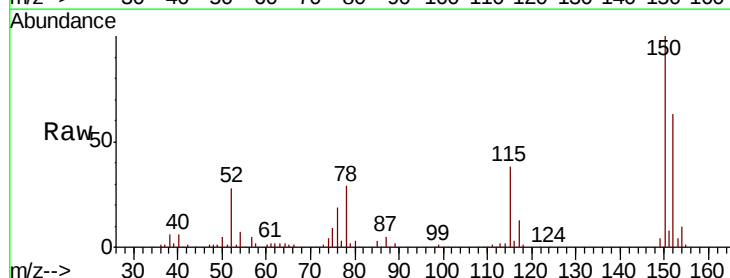
Tgt Ion:152 Resp: 59248

Ion Ratio Lower Upper

152 100

115 60.5 42.7 128.1

150 157.9 0.0 346.0

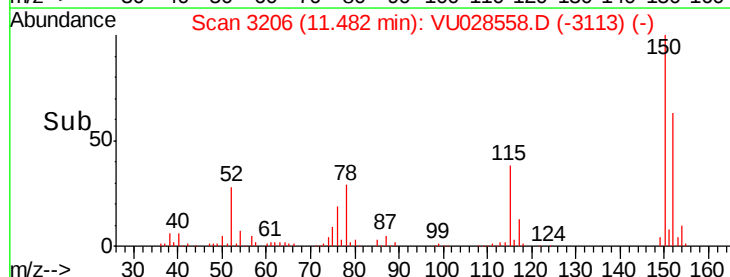


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

Time-->



Time-->

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