

Data File : VU028977.D
Acq On : 27 Dec 2018 20:40
Operator : MD/SY
Sample : J6507-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF048

Quant Time: Dec 28 03:12:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 28 03:05:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	117657	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	113121	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	54120	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	29869	4.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.80%
7) Chloroethane-d5	1.68	69	26573	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.27	63	42503	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	4.19	46	84427	51.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.60%
24) Chloroform-d	4.65	84	58136	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.31	65	29416	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.34	84	123095	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.33	67	40569	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.57	98	109869	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.85	79	14387	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.31	63	70479	48.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.26%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	31595	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	42863	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

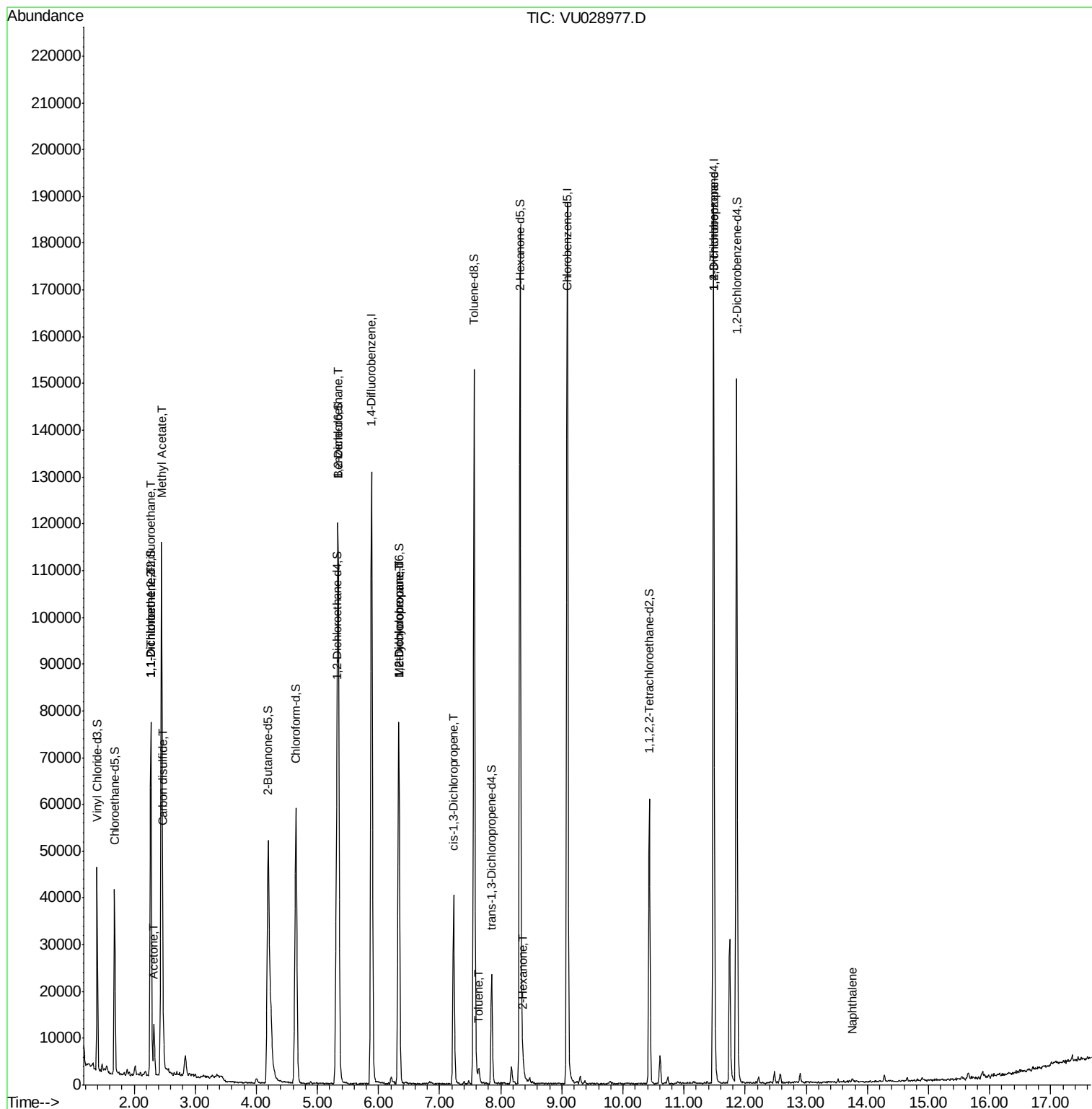
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	455	0.052	ug/L #	19
12) 1,1-Dichloroethene	2.27	96	488	0.058	ug/L #	1
13) Acetone	2.32	43	11364	8.555	ug/L	94
14) Carbon disulfide	2.48	76	5360	0.182	ug/L	100
15) Methyl Acetate	2.45	43	25156	6.463	ug/L #	49
27) 1,2-Dichloroethane	5.34	62	501	0.057	ug/L #	73
35) Methylcyclohexane	6.33	83	8977	0.565	ug/L #	19
37) 1,2-Dichloropropane	6.33	63	3805	0.413	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	892	0.068	ug/L #	71
42) Toluene	7.64	91	2398	0.062	ug/L	95
48) 2-Hexanone	8.37	43	904	0.267	ug/L #	94
59) 1,2,3-Trichloropropane	11.48	75	5911	1.100	ug/L	99
69) Naphthalene	13.75	128	1326	0.066	ug/L #	70

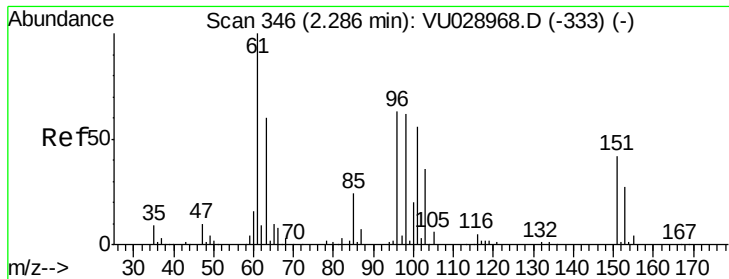
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU028977.D
Acq On : 27 Dec 2018 20:40
Operator : MD/SY
Sample : J6507-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF048

Quant Time: Dec 28 03:12:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 28 03:05:23 2018
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.052 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU028977.D

Acq: 27 Dec 2018 20:40

Instrument :

MSVOA_U

ClientSampled :

BF048

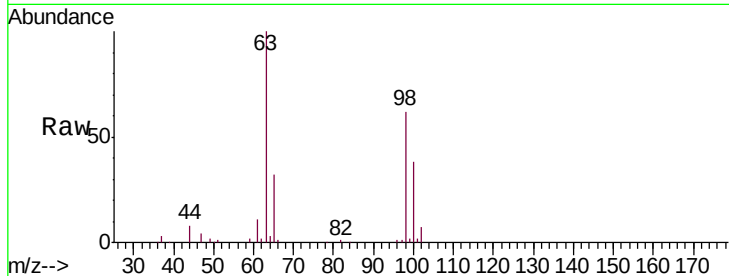
Tgt Ion: 101 Resp: 455

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

151 0.0 60.9 91.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

2.28

400

300

200

100

0

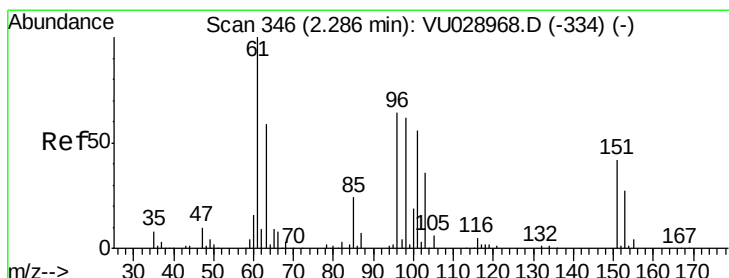
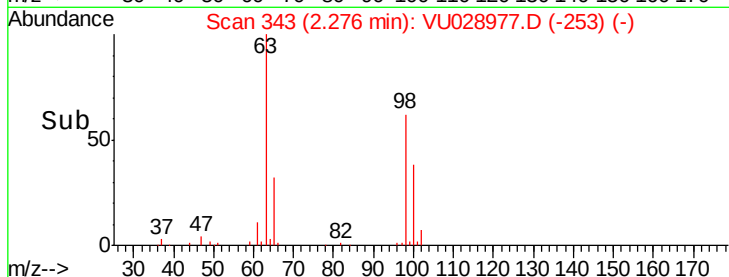
2.24

2.26

2.28

2.30

Time-->



#12

1,1-Dichloroethene

Concen: 0.058 ug/L

RT: 2.27 min Scan# 340

Delta R.T. -0.02 min

Lab File: VU028977.D

Acq: 27 Dec 2018 20:40

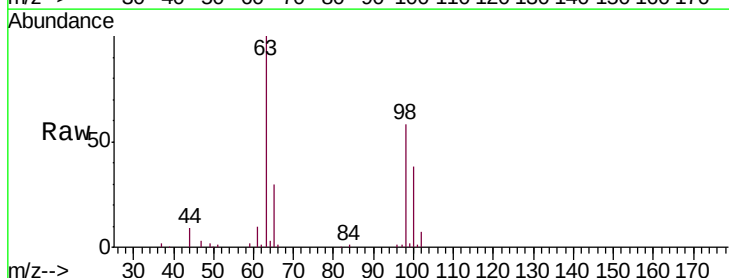
Tgt Ion: 96 Resp: 488

Ion Ratio Lower Upper

96 100

61 821.9 110.5 205.3#

63 8094.4 67.6 125.6#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

30000

20000

10000

0

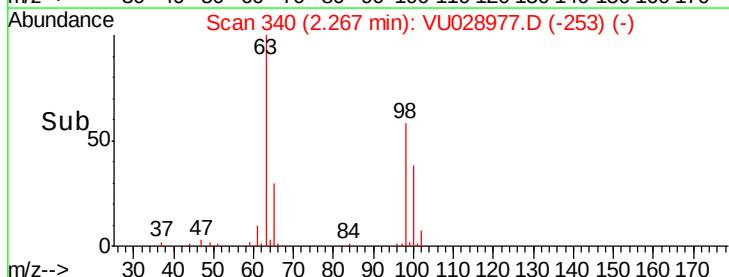
2.24

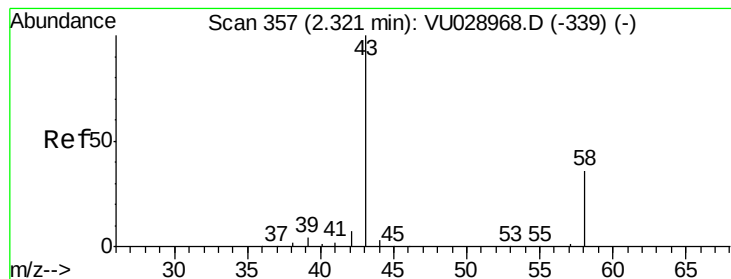
2.26

2.28

2.30

Time-->





#13

Acetone

Concen: 8.555 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU028977.D

Acq: 27 Dec 2018 20:40

Instrument :

MSVOA_U

ClientSampleId :

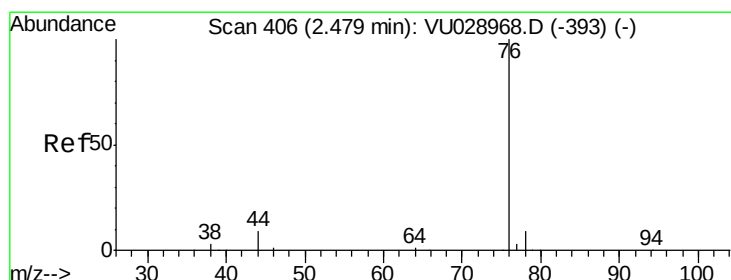
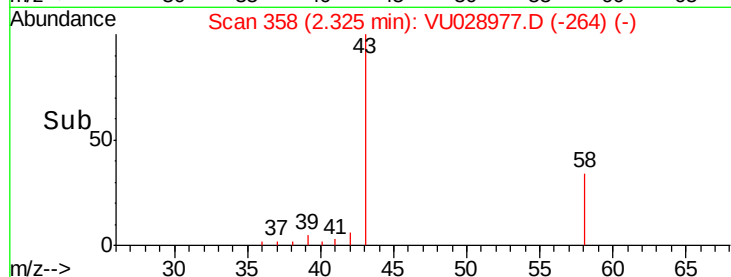
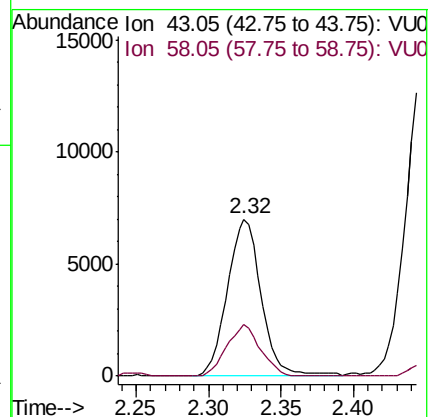
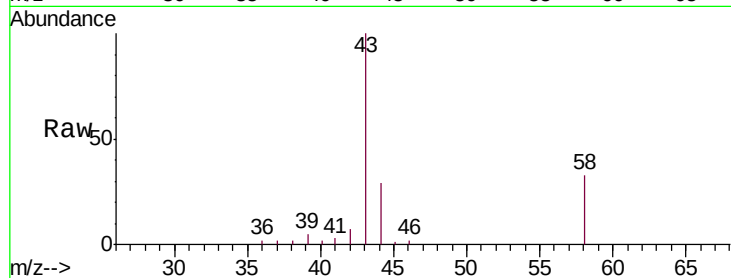
BF048

Tgt Ion: 43 Resp: 11364

Ion Ratio Lower Upper

43 100

58 32.6 0.0 71.8



#14

Carbon disulfide

Concen: 0.182 ug/L

RT: 2.48 min Scan# 405

Delta R.T. -0.00 min

Lab File: VU028977.D

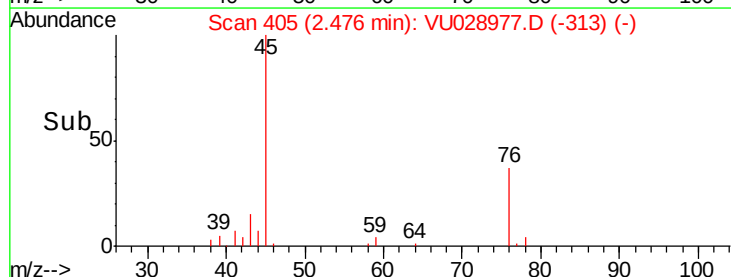
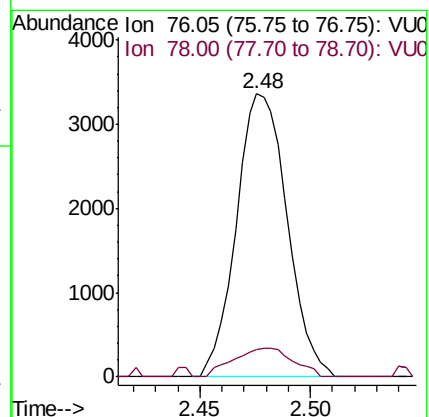
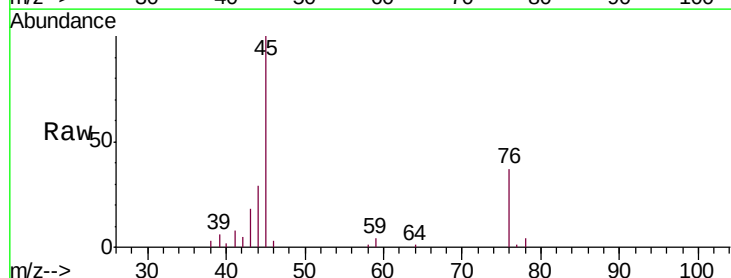
Acq: 27 Dec 2018 20:40

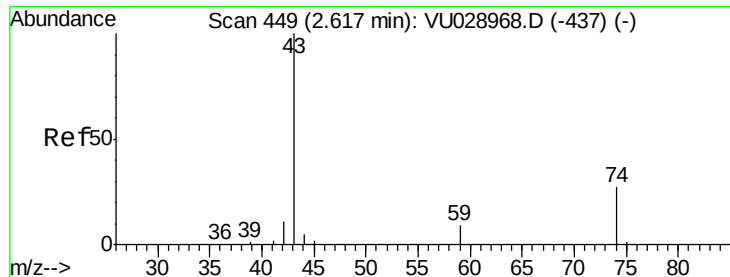
Tgt Ion: 76 Resp: 5360

Ion Ratio Lower Upper

76 100

78 9.6 7.7 11.5

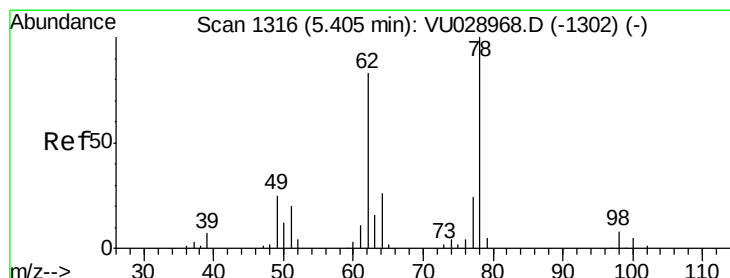
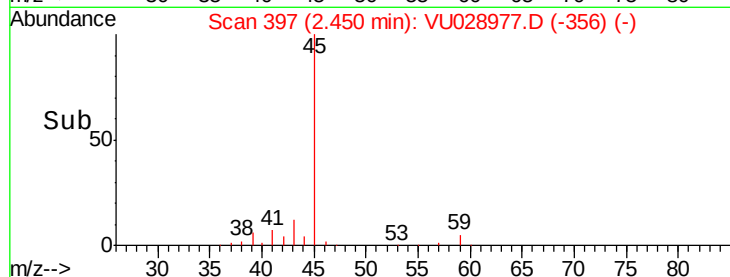
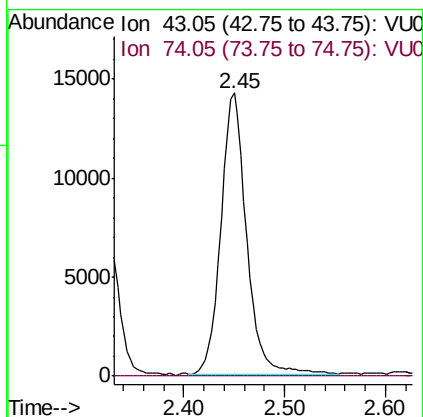
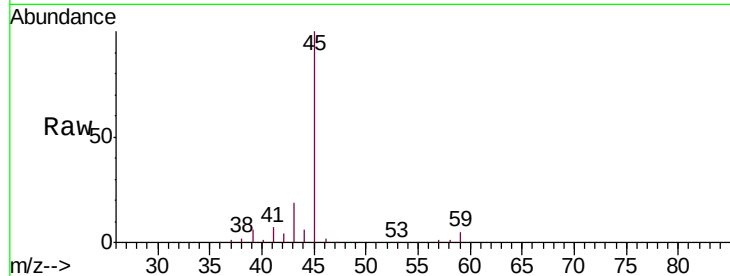




#15
Methyl Acetate
Concen: 6.463 ug/L
RT: 2.45 min Scan# 397
Delta R.T. -0.17 min
Lab File: VU028977.D
Acq: 27 Dec 2018 20:40

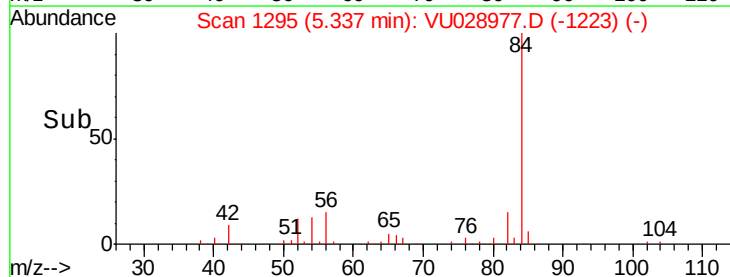
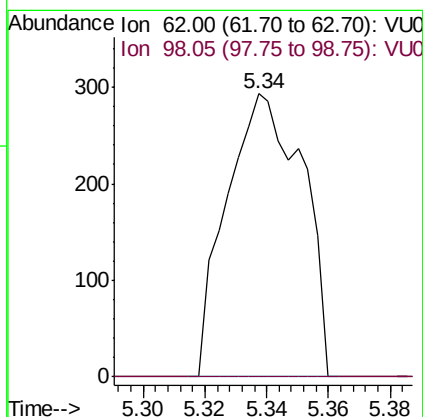
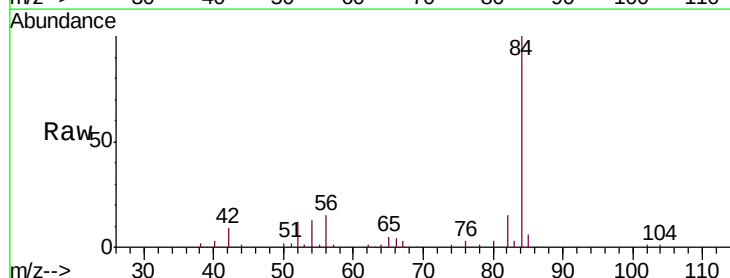
Instrument :
MSVOA_U
ClientSampleId :
BF048

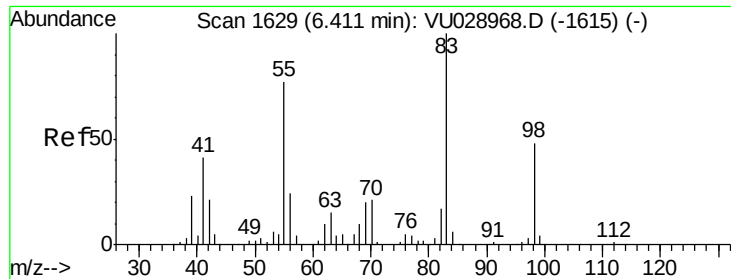
Tgt Ion: 43 Resp: 25156
Ion Ratio Lower Upper
43 100
74 0.0 20.6 30.8#



#27
1,2-Dichloroethane
Concen: 0.057 ug/L
RT: 5.34 min Scan# 1295
Delta R.T. -0.07 min
Lab File: VU028977.D
Acq: 27 Dec 2018 20:40

Tgt Ion: 62 Resp: 501
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.2#

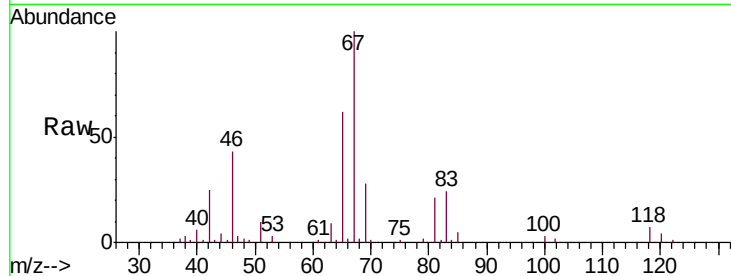




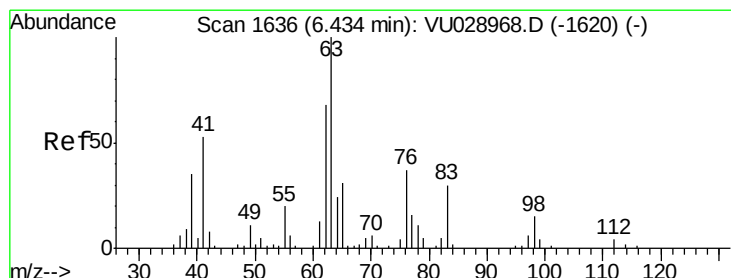
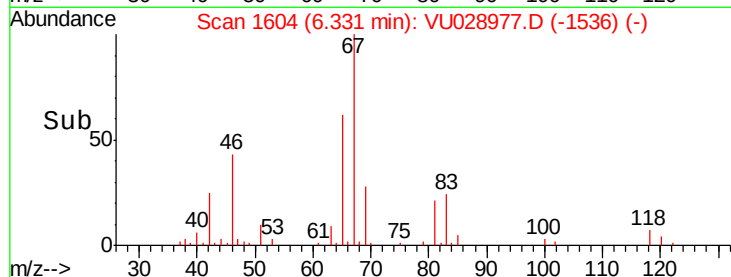
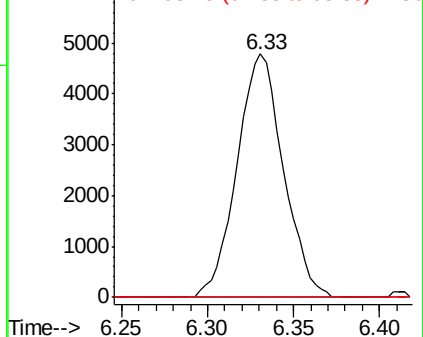
#35
Methylcyclohexane
Concen: 0.565 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.08 min
Lab File: VU028977.D
Acq: 27 Dec 2018 20:40

Instrument :
MSVOA_U
ClientSampleId :
BF048

Tgt Ion: 83 Resp: 8977
Ion Ratio Lower Upper
83 100
55 0.2 59.8 89.6#
98 0.0 37.0 55.6#

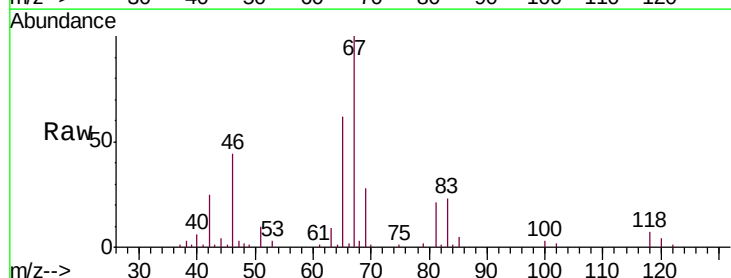


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

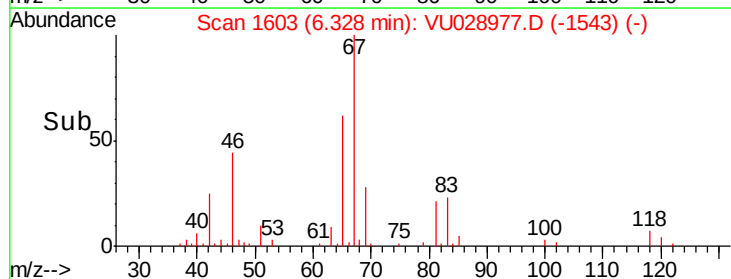
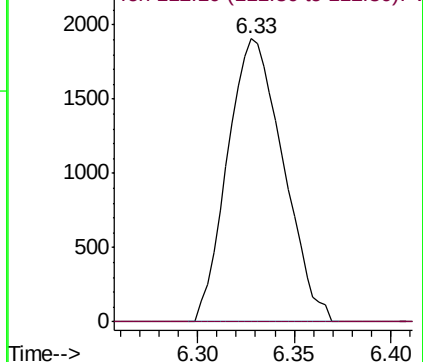


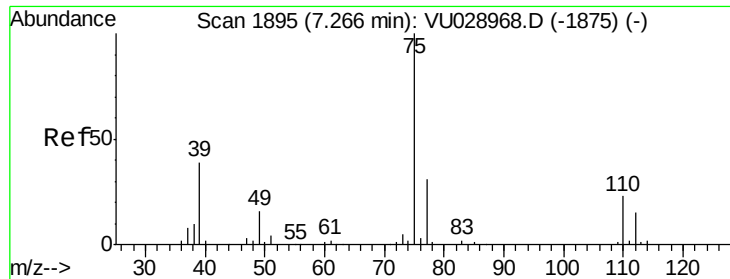
#37
1,2-Dichloropropane
Concen: 0.413 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.11 min
Lab File: VU028977.D
Acq: 27 Dec 2018 20:40

Tgt Ion: 63 Resp: 3805
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

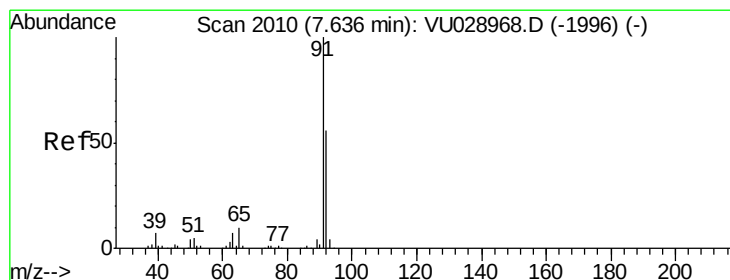
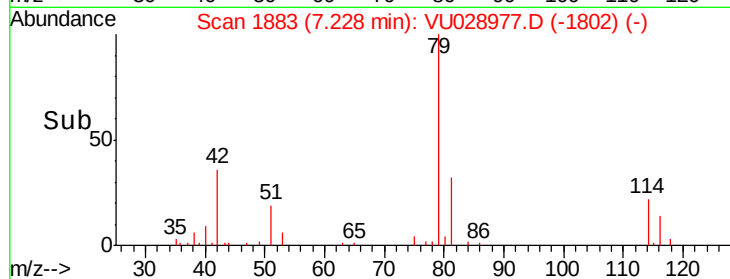
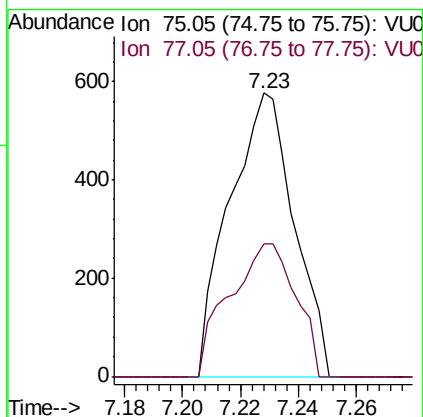
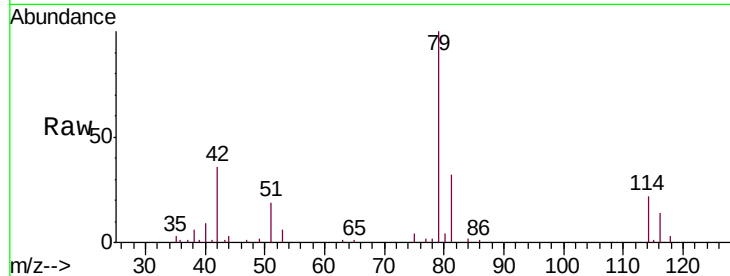




#39
 cis-1,3-Dichloropropene
 Concen: 0.068 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU028977.D
 Acq: 27 Dec 2018 20:40

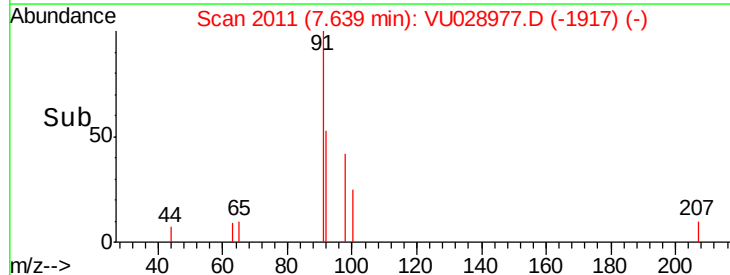
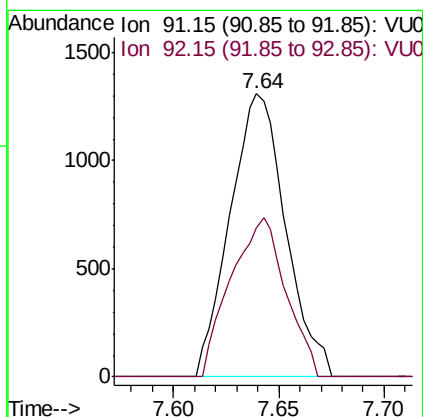
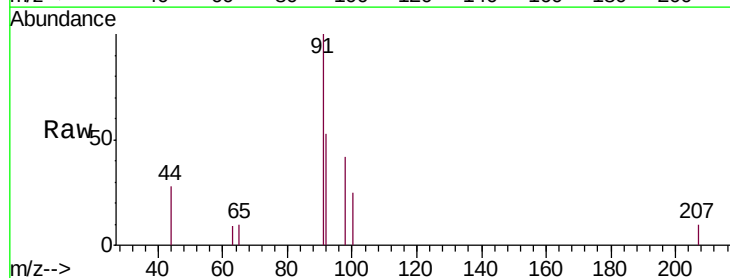
Instrument :
 MSVOA_U
 ClientSampleID :
 BF048

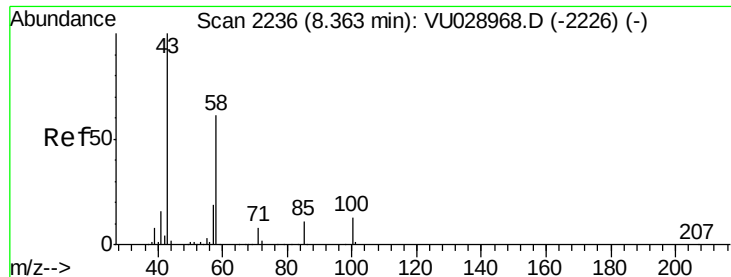
Tgt Ion: 75 Resp: 892
 Ion Ratio Lower Upper
 75 100
 77 46.8 21.5 39.9#



#42
 Toluene
 Concen: 0.062 ug/L
 RT: 7.64 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: VU028977.D
 Acq: 27 Dec 2018 20:40

Tgt Ion: 91 Resp: 2398
 Ion Ratio Lower Upper
 91 100
 92 52.6 39.3 73.1

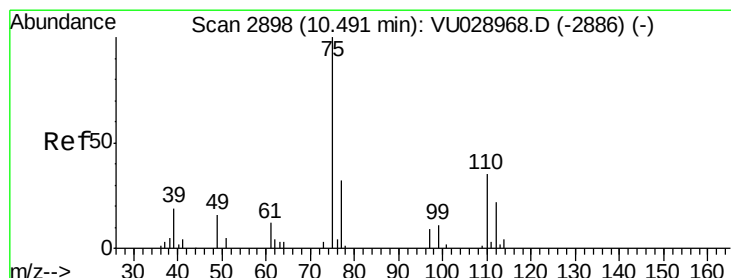
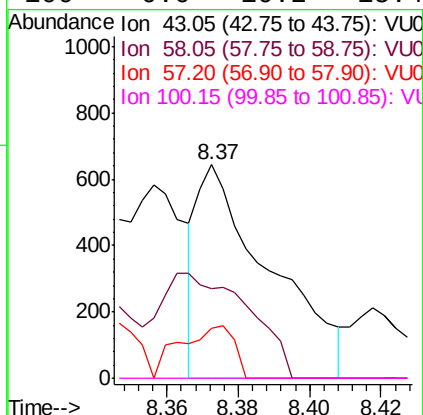
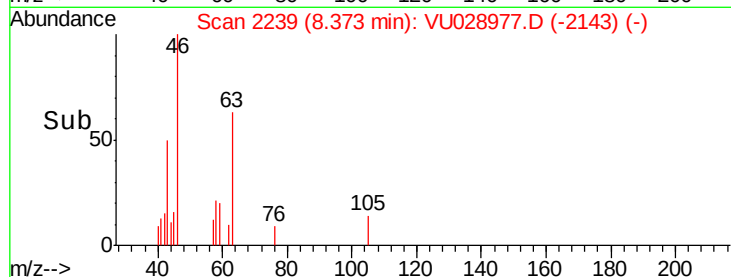
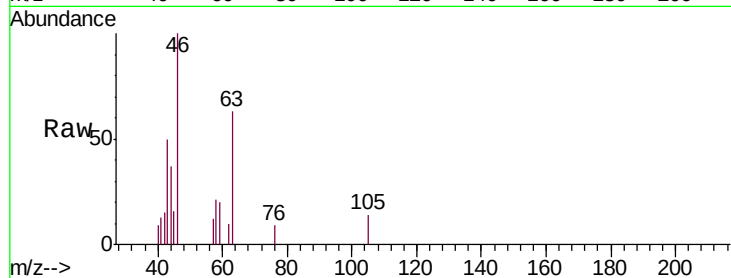




#48
2-Hexanone
Concen: 0.267 ug/L
RT: 8.37 min Scan# 2239
Delta R.T. 0.01 min
Lab File: VU028977.D
Acq: 27 Dec 2018 20:40

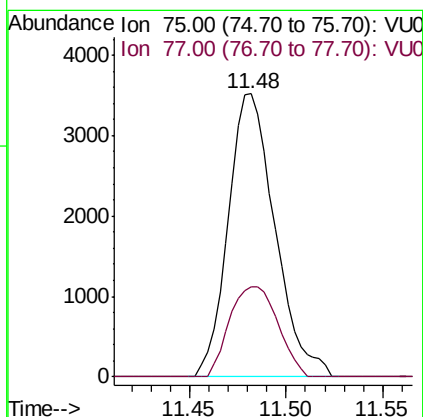
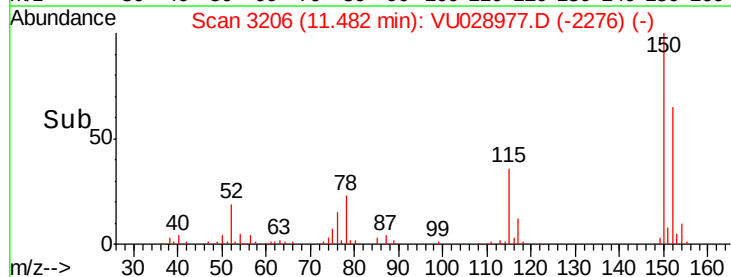
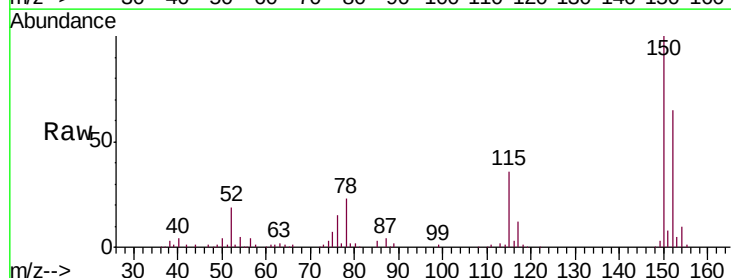
Instrument :
MSVOA_U
ClientSampleId :
BF048

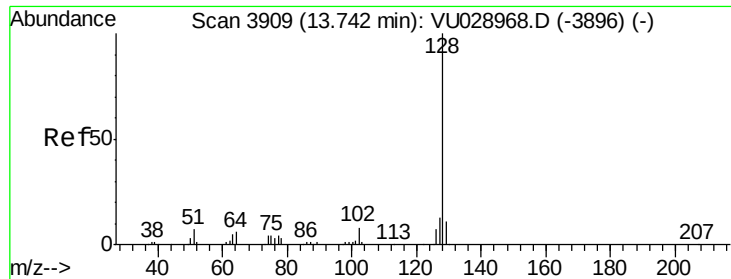
Tgt Ion: 43 Resp: 904
Ion Ratio Lower Upper
43 100
58 60.1 48.8 73.2
57 18.3 16.0 24.0
100 0.0 10.2 15.4#



#59
1,2,3-Trichloropropane
Concen: 1.100 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU028977.D
Acq: 27 Dec 2018 20:40

Tgt Ion: 75 Resp: 5911
Ion Ratio Lower Upper
75 100
77 33.1 26.0 39.0





#69

Naphthalene

Concen: 0.066 ug/L

RT: 13.75 min Scan# 3911

Delta R.T. 0.01 min

Lab File: VU028977.D

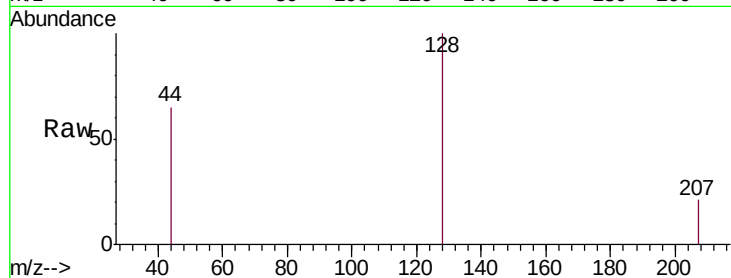
Acq: 27 Dec 2018 20:40

Instrument :

MSVOA_U

ClientSampleId :

BF048



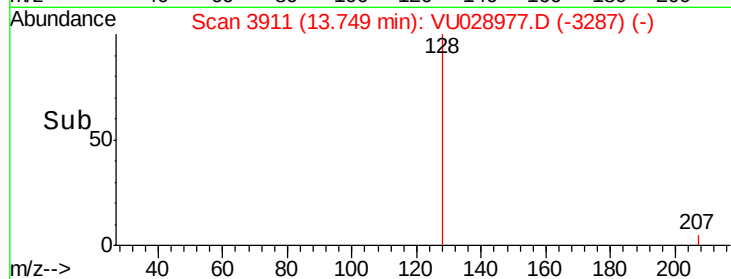
Tgt Ion:128 Resp: 1326

Ion Ratio Lower Upper

128 100

129 0.0 8.3 12.5#

127 0.0 9.8 14.6#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

