

Data File : VU028974.D
Acq On : 27 Dec 2018 19:28
Operator : MD/SY
Sample : J6506-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF031

Quant Time: Dec 28 03:11:57 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	124223	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	115728	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	55585	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	30460	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.68	69	28528	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.27	63	44943	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	4.19	46	88478	50.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.84%
24) Chloroform-d	4.65	84	61084	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.31	65	32099	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.34	84	130562	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.33	67	43961	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.57	98	118557	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
43) trans-1,3-Dichloropropene-	7.85	79	15318	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	8.31	63	73557	49.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.22%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	33433	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	44471	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

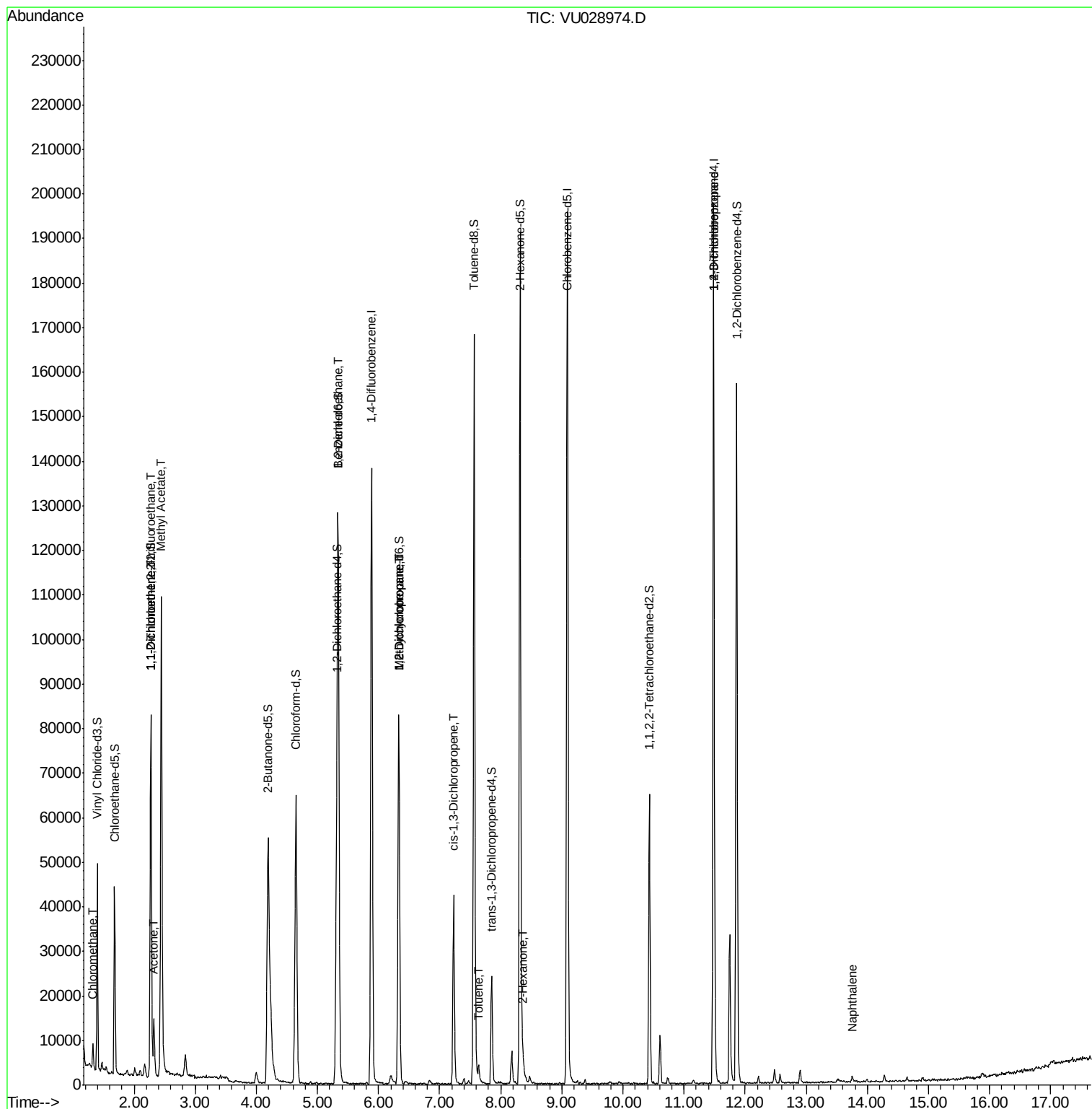
					Qvalue
3) Chloromethane	1.32	50	3575	0.294 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	390	0.043 ug/L #	19
12) 1,1-Dichloroethene	2.27	96	458	0.051 ug/L #	1
13) Acetone	2.32	43	12888	9.189 ug/L	96
15) Methyl Acetate	2.44	43	23749	5.779 ug/L #	49
27) 1,2-Dichloroethane	5.34	62	488	0.052 ug/L #	73
35) Methylcyclohexane	6.33	83	9454	0.582 ug/L #	20
37) 1,2-Dichloropropane	6.33	63	4417	0.469 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	833	0.062 ug/L #	76
42) Toluene	7.64	91	2897	0.073 ug/L	93
48) 2-Hexanone	8.37	43	1313	0.378 ug/L #	60
59) 1,2,3-Trichloropropane	11.48	75	6242	1.136 ug/L	94
69) Naphthalene	13.75	128	1684	0.081 ug/L #	80

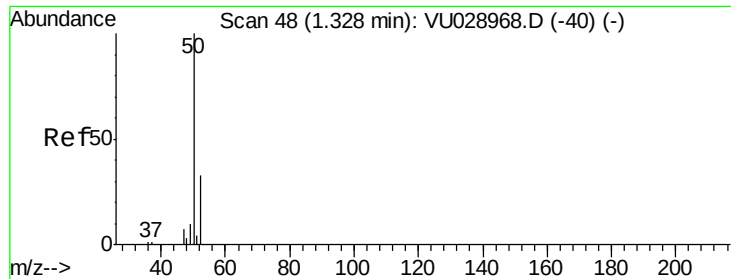
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.294 ug/L

RT: 1.32 min Scan# 47

Delta R.T. -0.00 min

Lab File: VU028974.D

Acq: 27 Dec 2018 19:28

Instrument :

MSVOA_U

ClientSampleId :

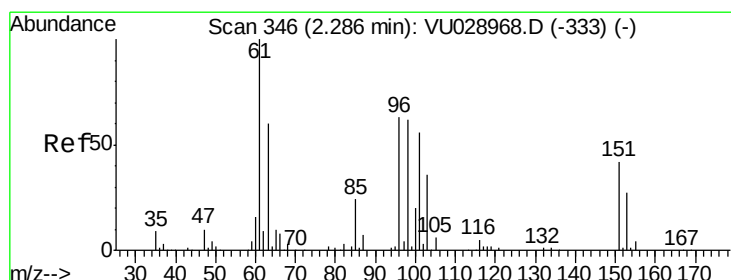
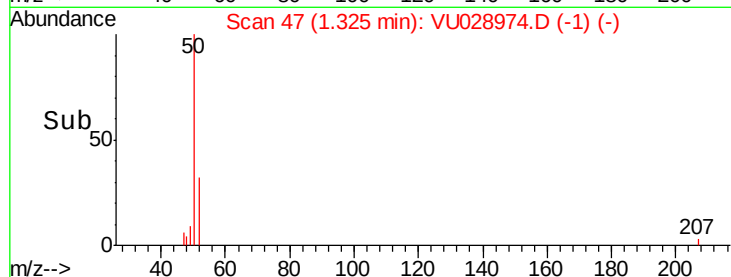
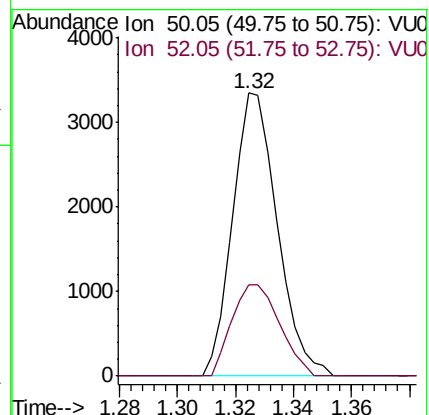
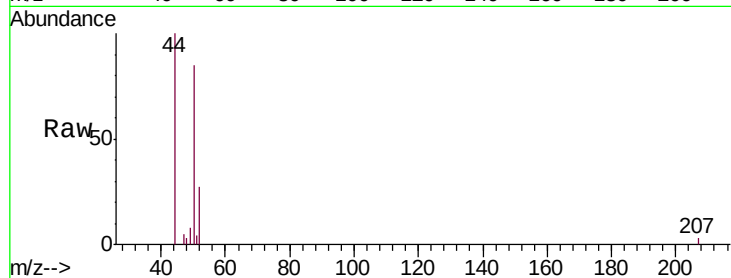
BF031

Tgt Ion: 50 Resp: 3575

Ion Ratio Lower Upper

50 100

52 32.4 23.3 43.3



#10

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

Concen: 0.043 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU028974.D

Acq: 27 Dec 2018 19:28

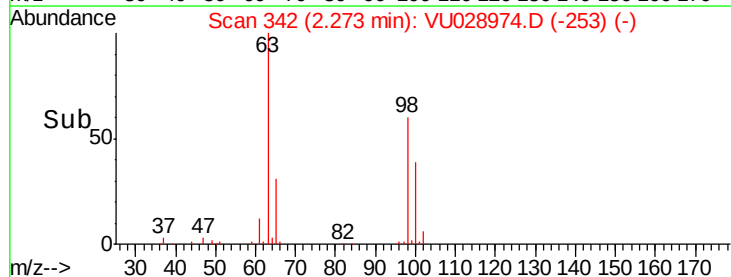
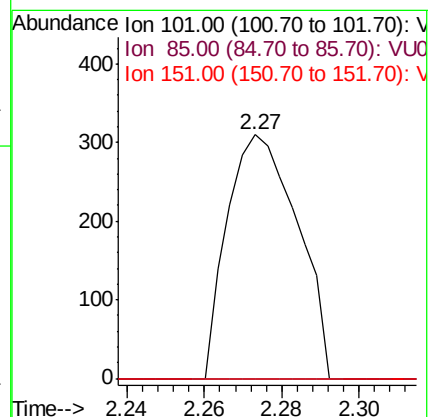
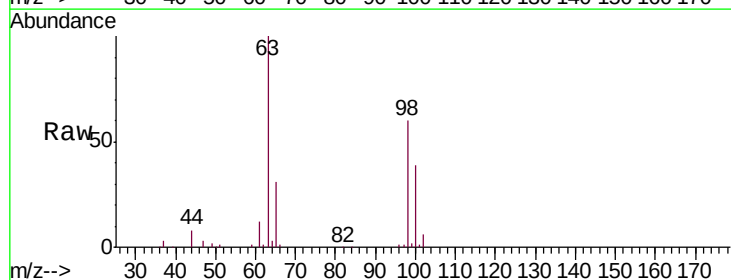
Tgt Ion: 101 Resp: 390

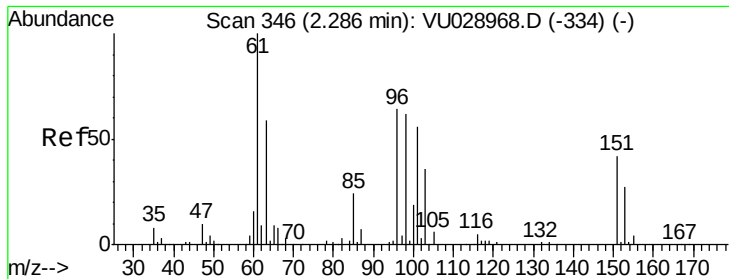
Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

151 0.0 60.9 91.3#

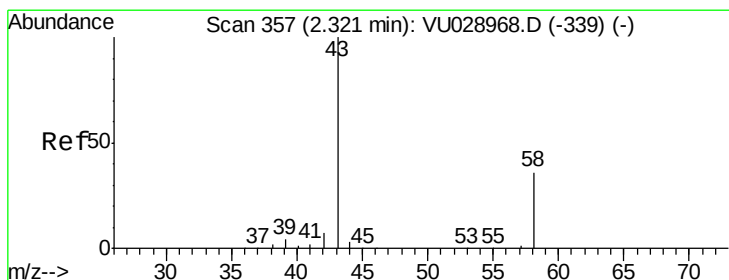
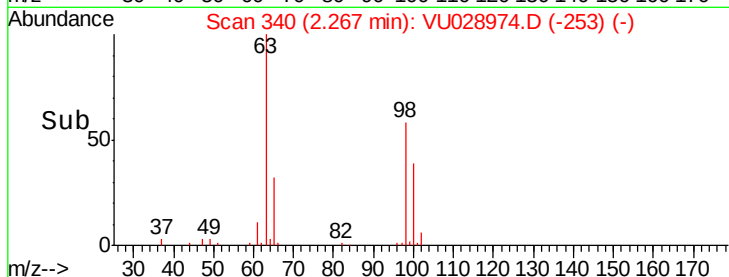
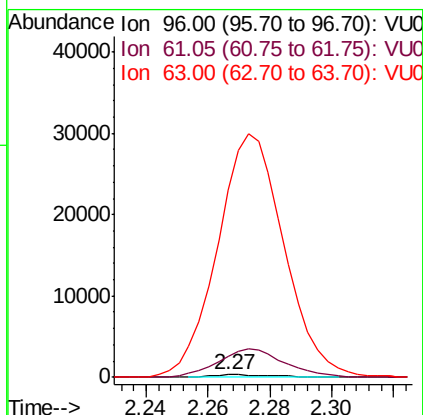
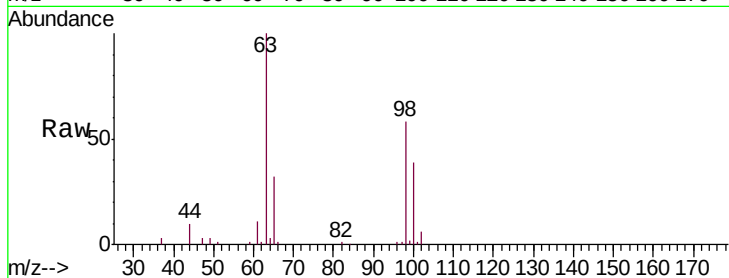




#12
 1,1-Dichloroethene
 Concen: 0.051 ug/L
 RT: 2.27 min Scan# 340
 Delta R.T. -0.02 min
 Lab File: VU028974.D
 Acq: 27 Dec 2018 19:28

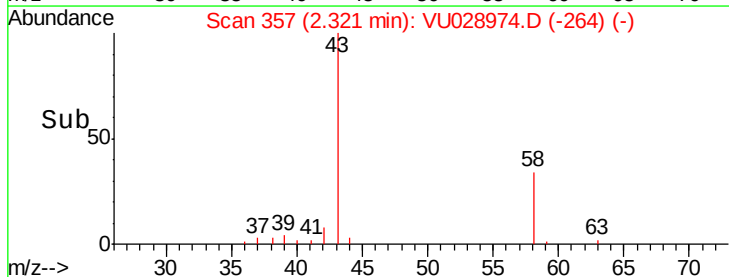
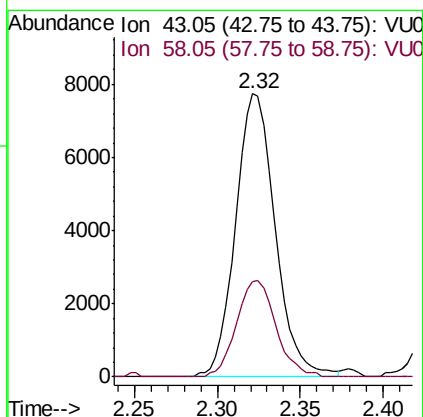
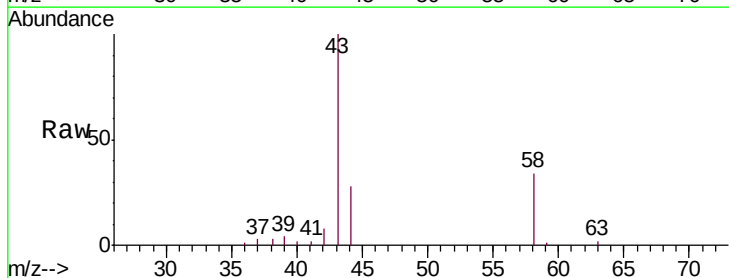
Instrument :
 MSVOA_U
 ClientSampleId :
 BF031

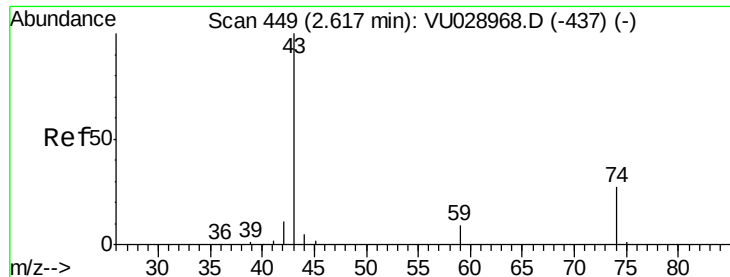
Tgt Ion: 96 Resp: 458
 Ion Ratio Lower Upper
 96 100
 61 864.3 110.5 205.3#
 63 7698.7 67.6 125.6#



#13
 Acetone
 Concen: 9.189 ug/L
 RT: 2.32 min Scan# 357
 Delta R.T. 0.00 min
 Lab File: VU028974.D
 Acq: 27 Dec 2018 19:28

Tgt Ion: 43 Resp: 12888
 Ion Ratio Lower Upper
 43 100
 58 33.8 0.0 71.8





#15

Methyl Acetate

Concen: 5.779 ug/L

RT: 2.44 min Scan# 395

Delta R.T. -0.17 min

Lab File: VU028974.D

Acq: 27 Dec 2018 19:28

Instrument :

MSVOA_U

ClientSampled :

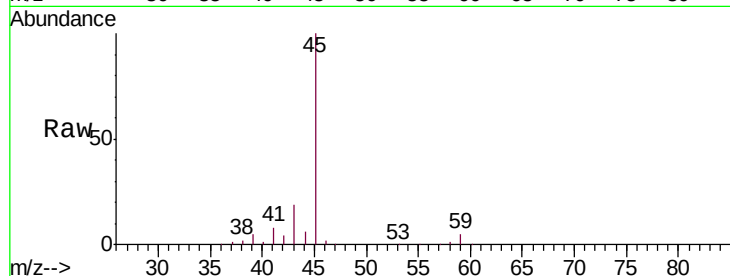
BF031

Tgt Ion: 43 Resp: 23749

Ion Ratio Lower Upper

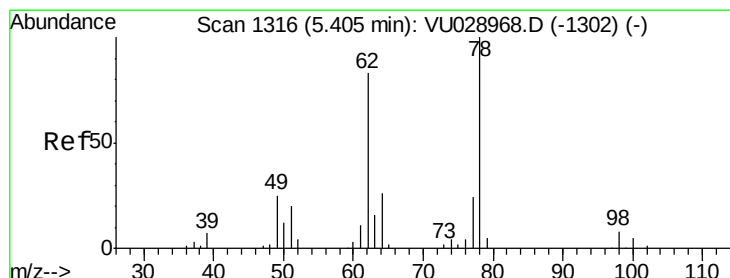
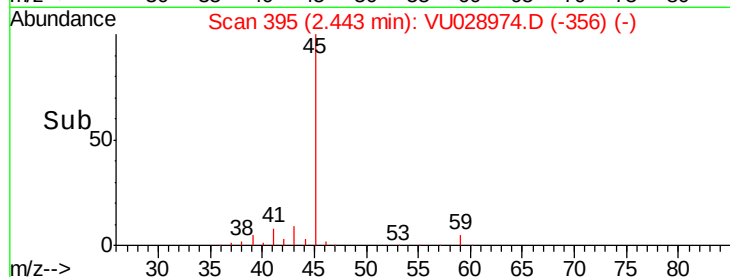
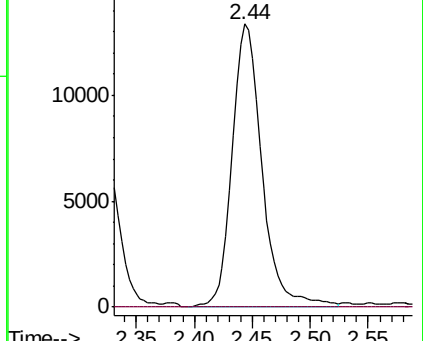
43 100

74 0.0 20.6 30.8#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0



#27

1,2-Dichloroethane

Concen: 0.052 ug/L

RT: 5.34 min Scan# 1295

Delta R.T. -0.07 min

Lab File: VU028974.D

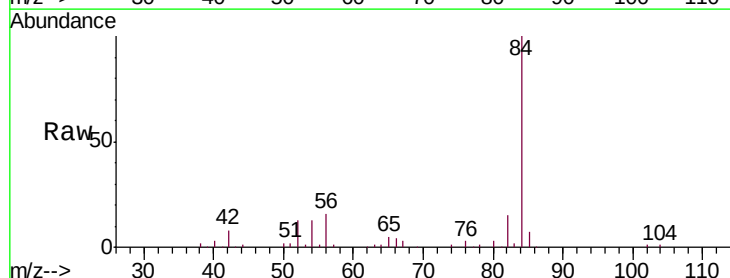
Acq: 27 Dec 2018 19:28

Tgt Ion: 62 Resp: 488

Ion Ratio Lower Upper

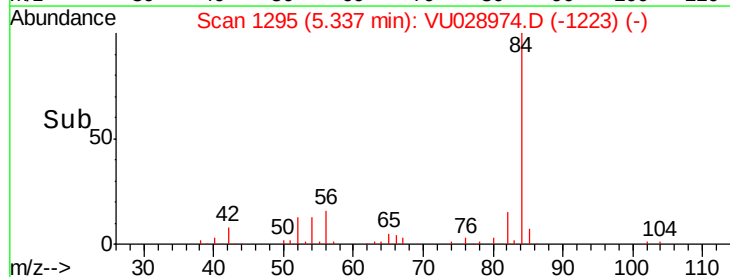
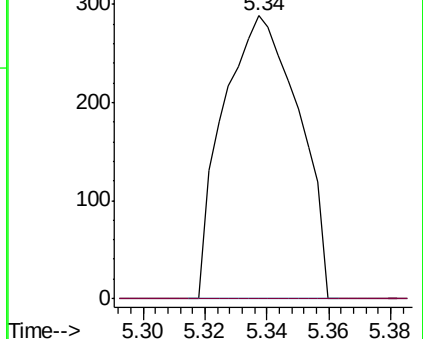
62 100

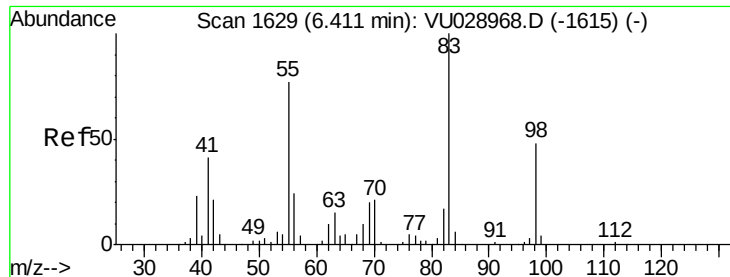
98 0.0 8.2 12.2#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0

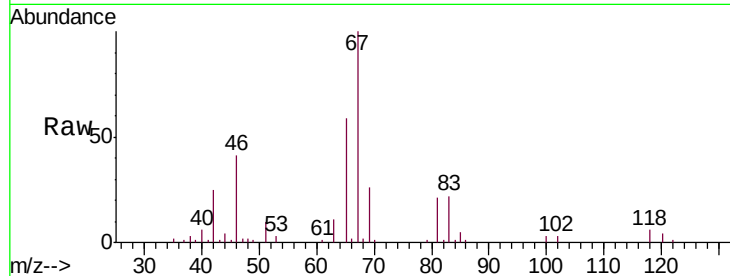




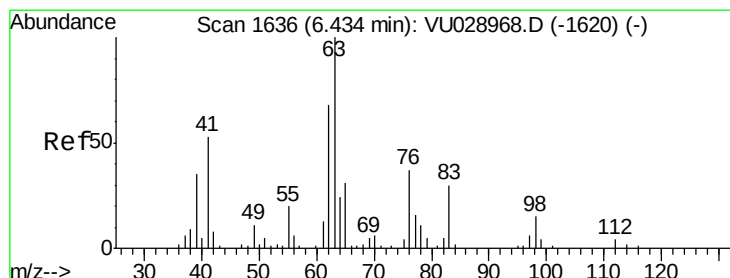
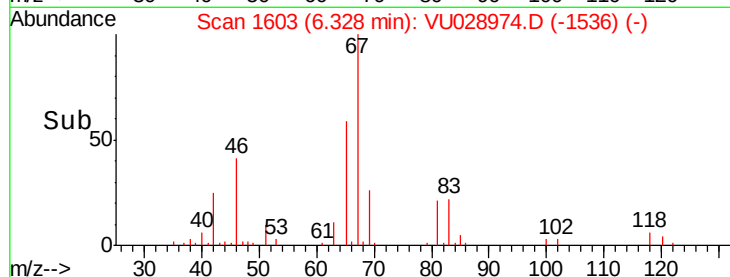
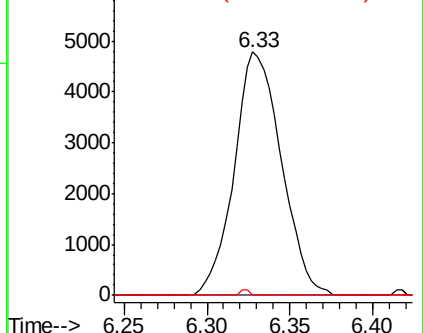
#35
Methylcyclohexane
Concen: 0.582 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.08 min
Lab File: VU028974.D
Acq: 27 Dec 2018 19:28

Instrument :
MSVOA_U
ClientSampleId :
BF031

Tgt Ion: 83 Resp: 9454
Ion Ratio Lower Upper
83 100
55 0.6 59.8 89.6#
98 0.4 37.0 55.6#

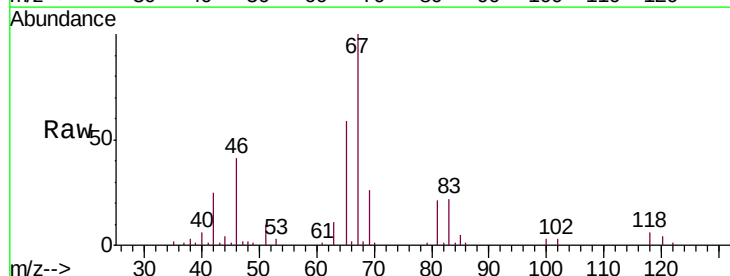


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

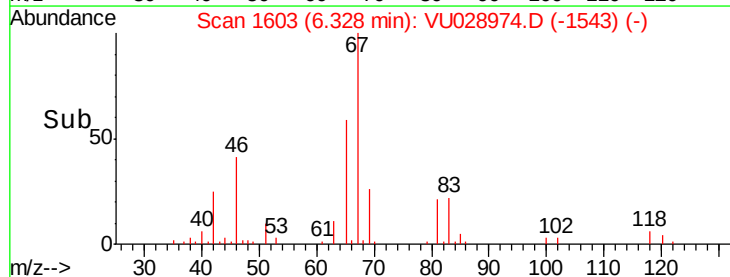
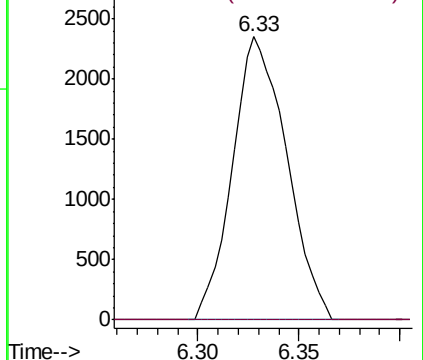


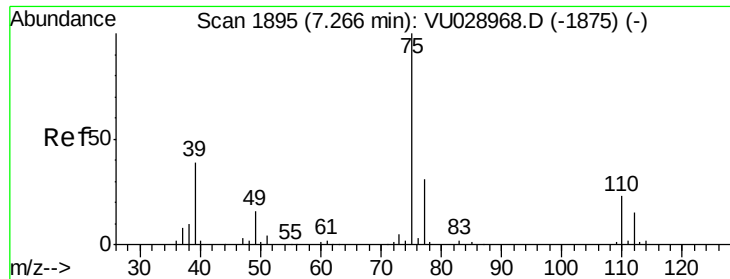
#37
1,2-Dichloropropane
Concen: 0.469 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.11 min
Lab File: VU028974.D
Acq: 27 Dec 2018 19:28

Tgt Ion: 63 Resp: 4417
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

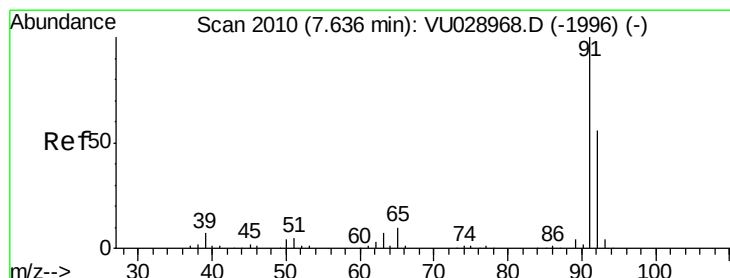
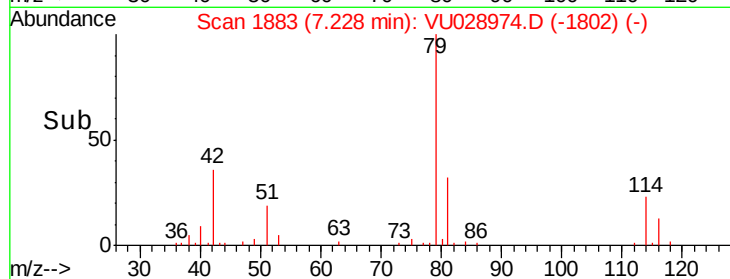
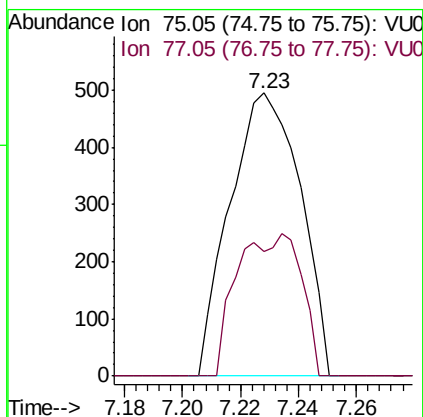
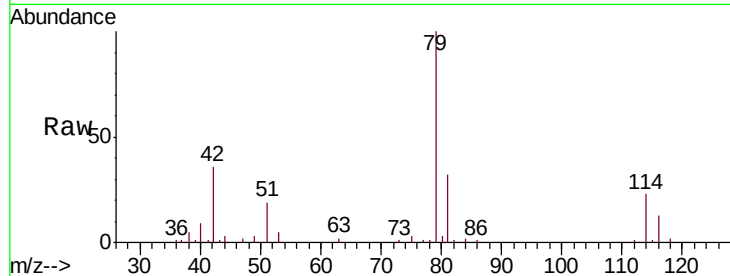




#39
 cis-1,3-Dichloropropene
 Concen: 0.062 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU028974.D
 Acq: 27 Dec 2018 19:28

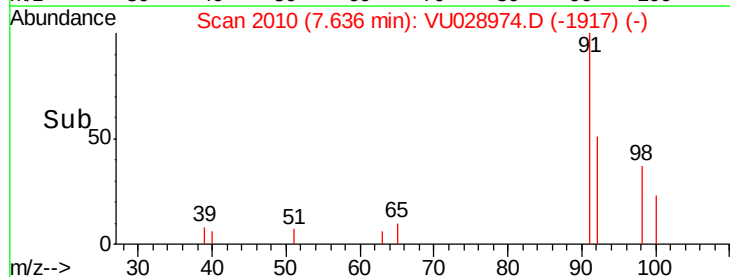
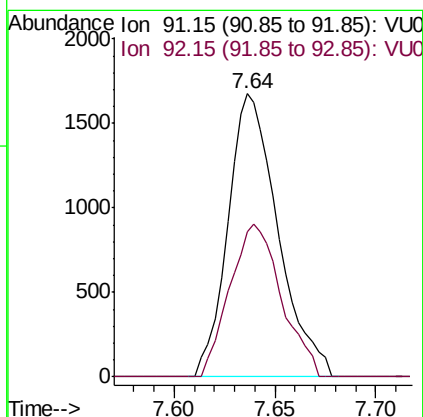
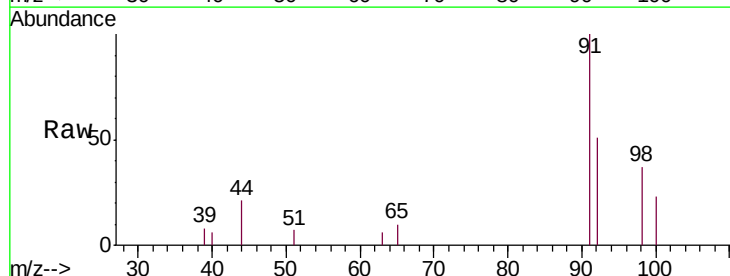
Instrument :
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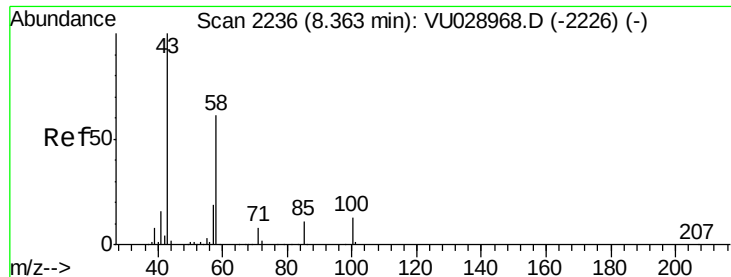
Tgt Ion: 75 Resp: 833
 Ion Ratio Lower Upper
 75 100
 77 44.0 21.5 39.9#



#42
 Toluene
 Concen: 0.073 ug/L
 RT: 7.64 min Scan# 2010
 Delta R.T. 0.00 min
 Lab File: VU028974.D
 Acq: 27 Dec 2018 19:28

Tgt Ion: 91 Resp: 2897
 Ion Ratio Lower Upper
 91 100
 92 51.2 39.3 73.1

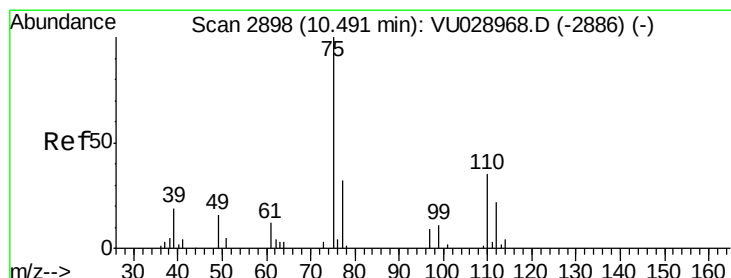
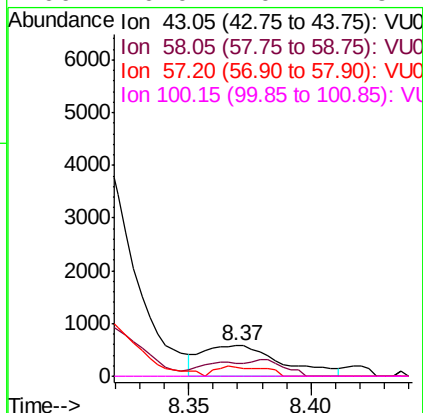
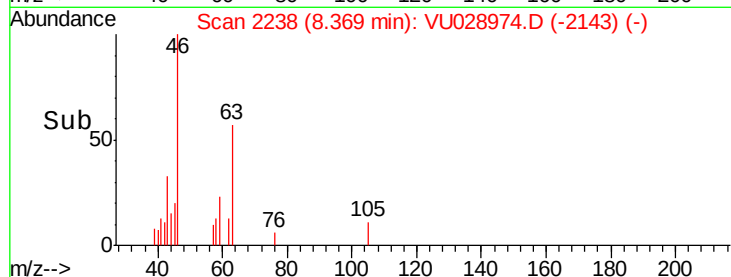
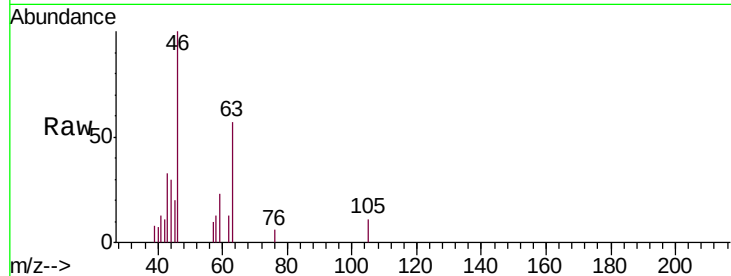




#48
 2-Hexanone
 Concen: 0.378 ug/L
 RT: 8.37 min Scan# 2238
 Delta R.T. 0.01 min
 Lab File: VU028974.D
 Acq: 27 Dec 2018 19:28

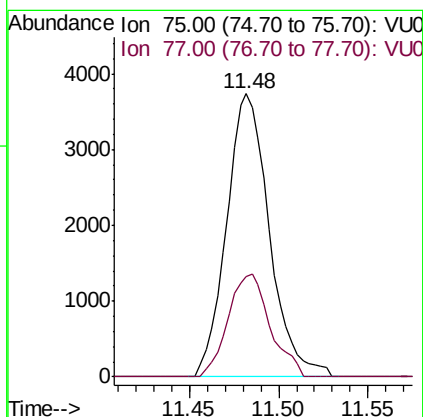
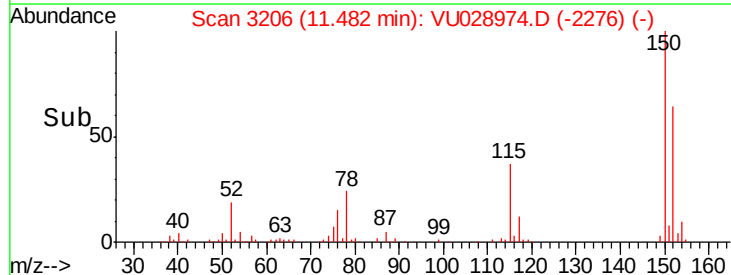
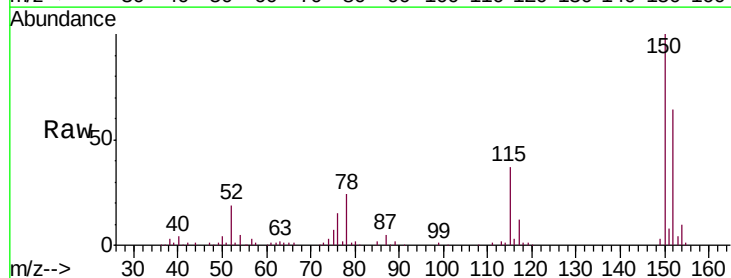
Instrument :
 MSVOA_U
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 BF031

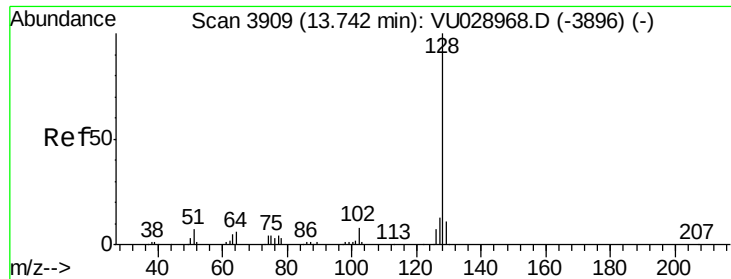
Tgt Ion: 43 Resp: 1313
 Ion Ratio Lower Upper
 43 100
 58 22.5 48.8 73.2#
 57 13.2 16.0 24.0#
 100 0.0 10.2 15.4#



#59
 1,2,3-Trichloropropane
 Concen: 1.136 ug/L
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.99 min
 Lab File: VU028974.D
 Acq: 27 Dec 2018 19:28

Tgt Ion: 75 Resp: 6242
 Ion Ratio Lower Upper
 75 100
 77 35.6 26.0 39.0





#69

Naphthalene

Concen: 0.081 ug/L

RT: 13.75 min Scan# 3912

Delta R.T. 0.01 min

Lab File: VU028974.D

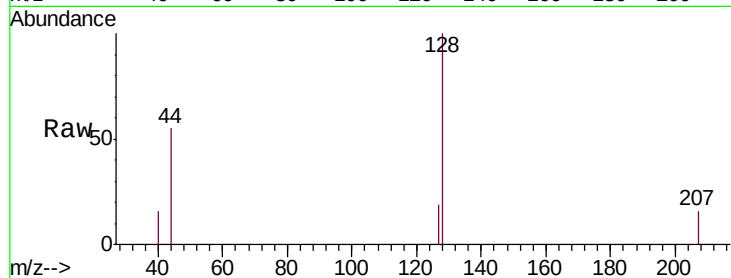
Acq: 27 Dec 2018 19:28

Instrument :

MSVOA_U

ClientSampleId :

BF031



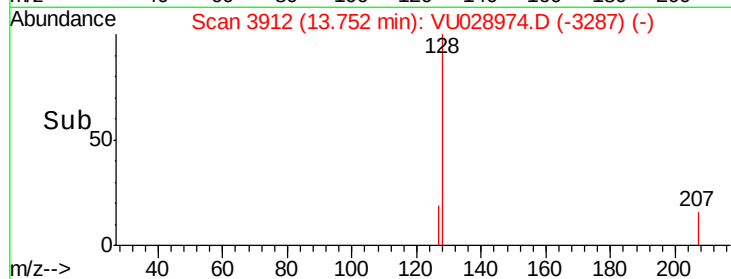
Tgt Ion:128 Resp: 1684

Ion Ratio Lower Upper

128 100

129 0.0 8.3 12.5#

127 6.9 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

