

Data File : VU029854.D
Acq On : 07 Mar 2019 15:25
Operator : JC/SP
Sample : VU0309MBL01
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK49

Quant Time: Mar 08 04:34:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 08 04:31:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	501959	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	480348	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	220313	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	137864	37.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.96%
7) Chloroethane-d5	1.68	69	111455	34.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	68.16%#
11) 1,1-Dichloroethene-d2	2.27	63	189333	26.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.66%#
21) 2-Butanone-d5	4.17	46	186062	83.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.12%
24) Chloroform-d	4.64	84	230820	38.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.38%
26) 1,2-Dichloroethane-d4	5.31	65	142135	37.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.26%
32) Benzene-d6	5.34	84	503497	41.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.32%
36) 1,2-Dichloropropane-d6	6.33	67	154480	42.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.96%
41) Toluene-d8	7.56	98	460223	37.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.62%#
43) trans-1,3-Dichloropropene-	7.85	79	68173	35.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.68%
47) 2-Hexanone-d5	8.31	63	146980	72.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	72.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	220463	35.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	71.76%
64) 1,2-Dichlorobenzene-d4	11.86	152	180797	38.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.16%#

Target Compounds

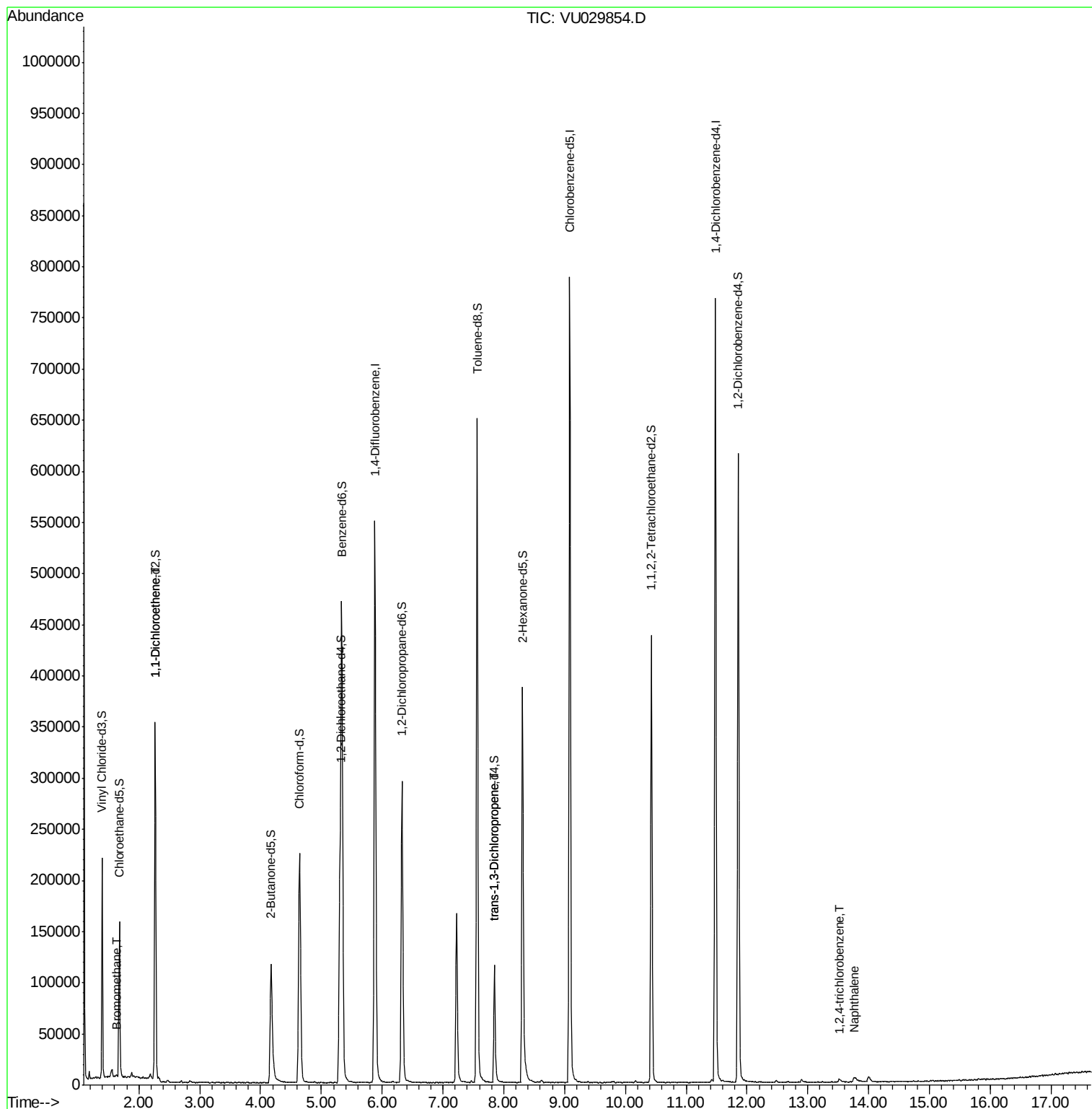
					Qvalue
6) Bromomethane	1.63	94	1087	0.581 ug/L	97
12) 1,1-Dichloroethene	2.27	96	1938	0.583 ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	2721	0.554 ug/L	89
68) 1,2,4-trichlorobenzene	13.52	180	2073	0.447 ug/L #	84
69) Naphthalene	13.76	128	4549	0.319 ug/L #	95

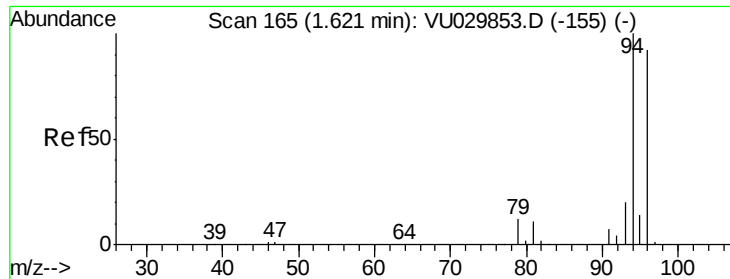
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU029854.D
Acq On : 07 Mar 2019 15:25
Operator : JC/SP
Sample : VU0309MBL01
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK49

Quant Time: Mar 08 04:34:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 08 04:31:20 2019
Response via : Initial Calibration





#6

Bromomethane

Concen: 0.581 ug/L

RT: 1.63 min Scan# 167

Delta R.T. 0.01 min

Lab File: VU029854.D

Acq: 07 Mar 2019 15:25

Instrument :

MSVOA_U

ClientSampled :

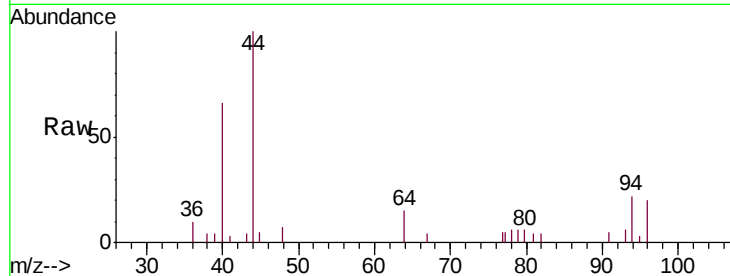
VBLK49

Tgt Ion: 94 Resp: 1087

Ion Ratio Lower Upper

94 100

96 91.8 66.4 123.2



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0

1.63

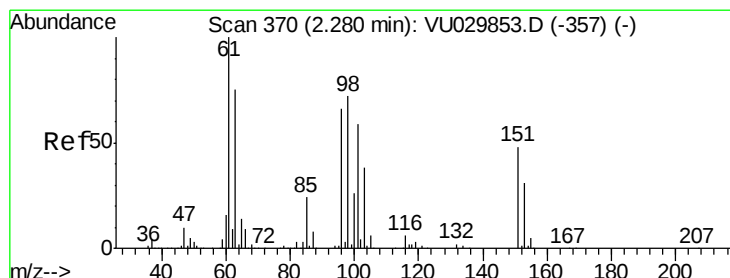
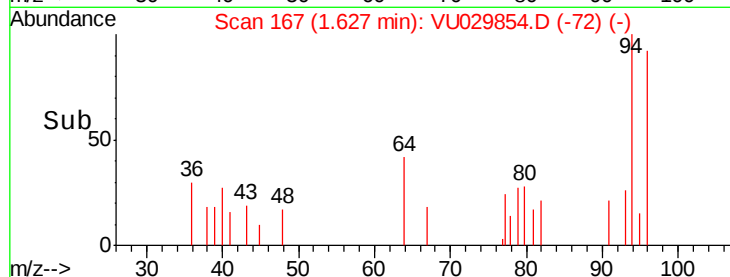
600

400

200

0

Time-->



#12

1,1-Dichloroethene

Concen: 0.583 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU029854.D

Acq: 07 Mar 2019 15:25

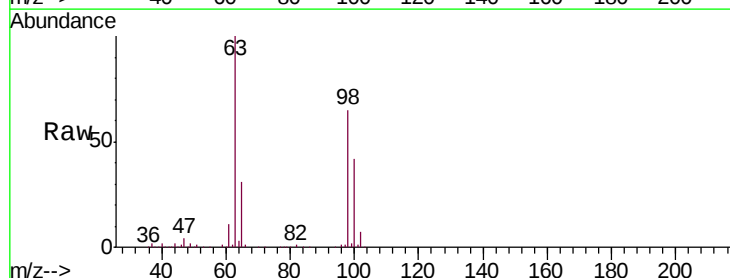
Tgt Ion: 96 Resp: 1938

Ion Ratio Lower Upper

96 100

61 1036.9 114.0 211.8#

63 9445.8 98.7 183.3#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

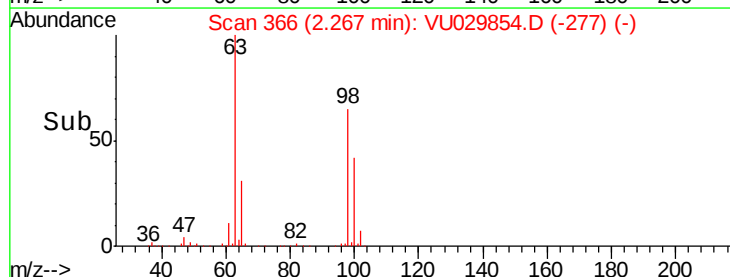
150000

100000

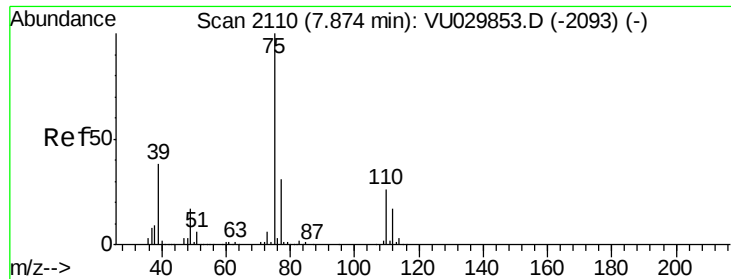
50000

0

Time-->



2.27



#44

trans-1,3-Dichloropropene

Concen: 0.554 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU029854.D

Acq: 07 Mar 2019 15:25

Instrument :

MSVOA_U

ClientSampleId :

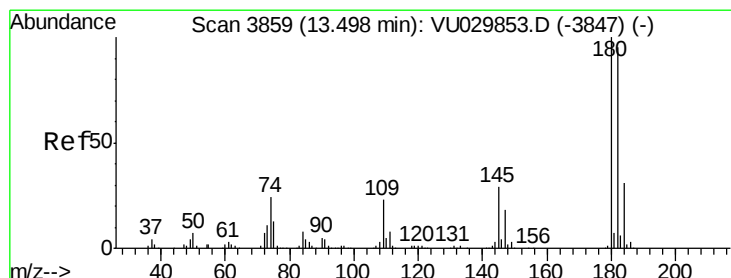
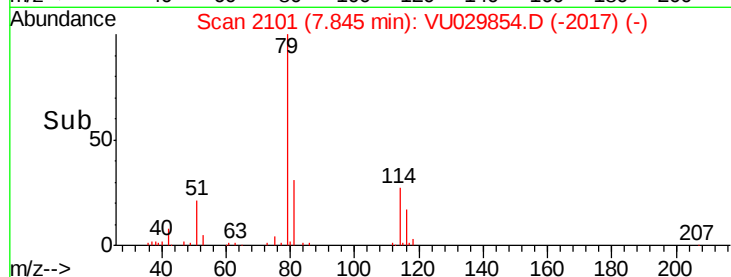
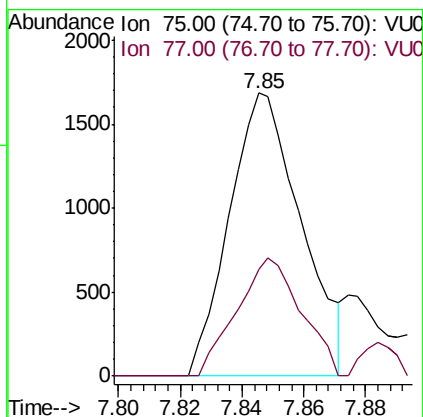
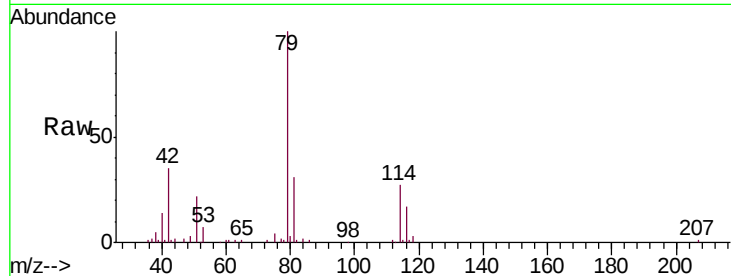
VBLK49

Tgt Ion: 75 Resp: 2721

Ion Ratio Lower Upper

75 100

77 37.6 22.1 41.1



#68

1,2,4-trichlorobenzene

Concen: 0.447 ug/L

RT: 13.52 min Scan# 3867

Delta R.T. 0.03 min

Lab File: VU029854.D

Acq: 07 Mar 2019 15:25

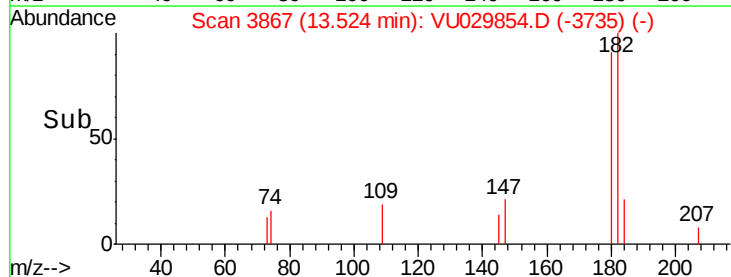
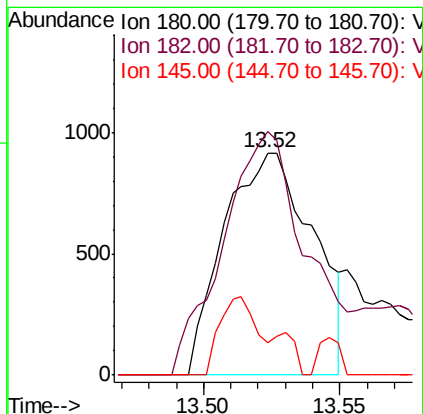
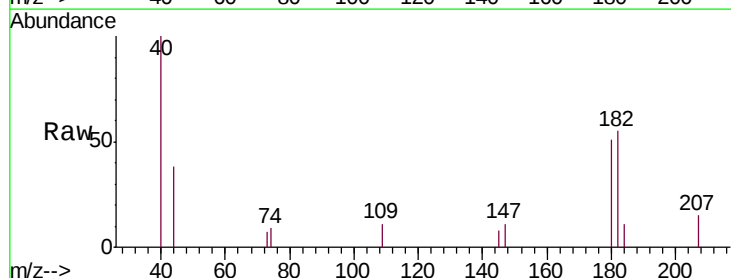
Tgt Ion: 180 Resp: 2073

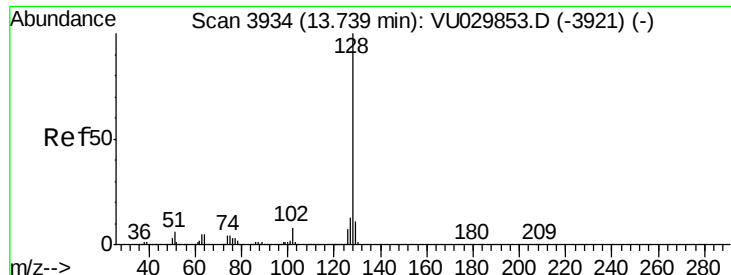
Ion Ratio Lower Upper

180 100

182 102.4 76.2 114.2

145 4.4 22.7 34.1#





#69

Naphthalene

Concen: 0.319 ug/L

RT: 13.76 min Scan# 3941

Delta R.T. 0.02 min

Lab File: VU029854.D

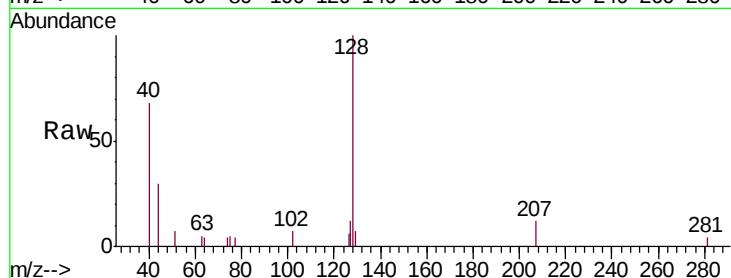
Acq: 07 Mar 2019 15:25

Instrument :

MSVOA_U

ClientSampleId :

VBLK49



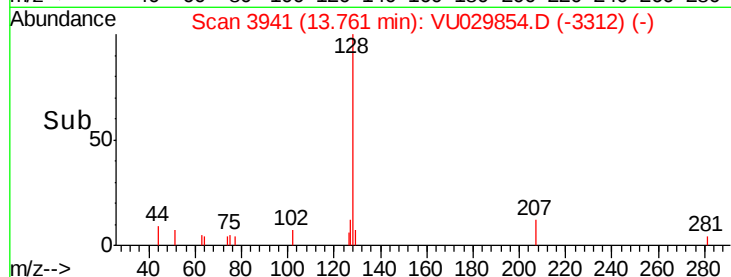
Tgt Ion:128 Resp: 4549

Ion Ratio Lower Upper

128 100

127 12.1 10.2 15.4

129 7.4 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

