

Data File : VV010425.D
Acq On : 22 Apr 2019 21:40
Operator : SY/MD
Sample : K2456-13
Misc : 5.10G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAHN3RE

Quant Time: Apr 23 07:01:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 06:57:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	50035	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	50298	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	19762	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	8525	12.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	49.48%
7) Chloroethane-d5	1.59	69	8766	16.35	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.40%
10) 1,1-Dichloroethene-d2	2.13	63	15077	11.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.84%
20) 2-Butanone-d5	4.15	46	389	2.41	ug/L	0.22
Spiked Amount	50.000	Range	20 - 135	Recovery	=	4.82%#
24) Chloroform-d	4.40	84	25783	21.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.36%
26) 1,2-Dichloroethane-d4	5.09	65	19693	26.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.00%
29) Benzene-d6	5.10	84	42844	18.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.80%
33) 1,2-Dichloropropane-d6	6.12	67	15588	22.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.04%
37) Toluene-d8	7.36	98	41518	17.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.44%
38) trans-1,3-Dichloropropene-	7.67	79	6515	19.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.24%
39) 2-Hexanone-d5	8.28	63	116	0.85	ug/L	0.15
Spiked Amount	50.000	Range	20 - 135	Recovery	=	1.70%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	19170	28.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.88%
61) 1,2-Dichlorobenzene-d4	11.68	152	17866	23.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.16%

Target Compounds

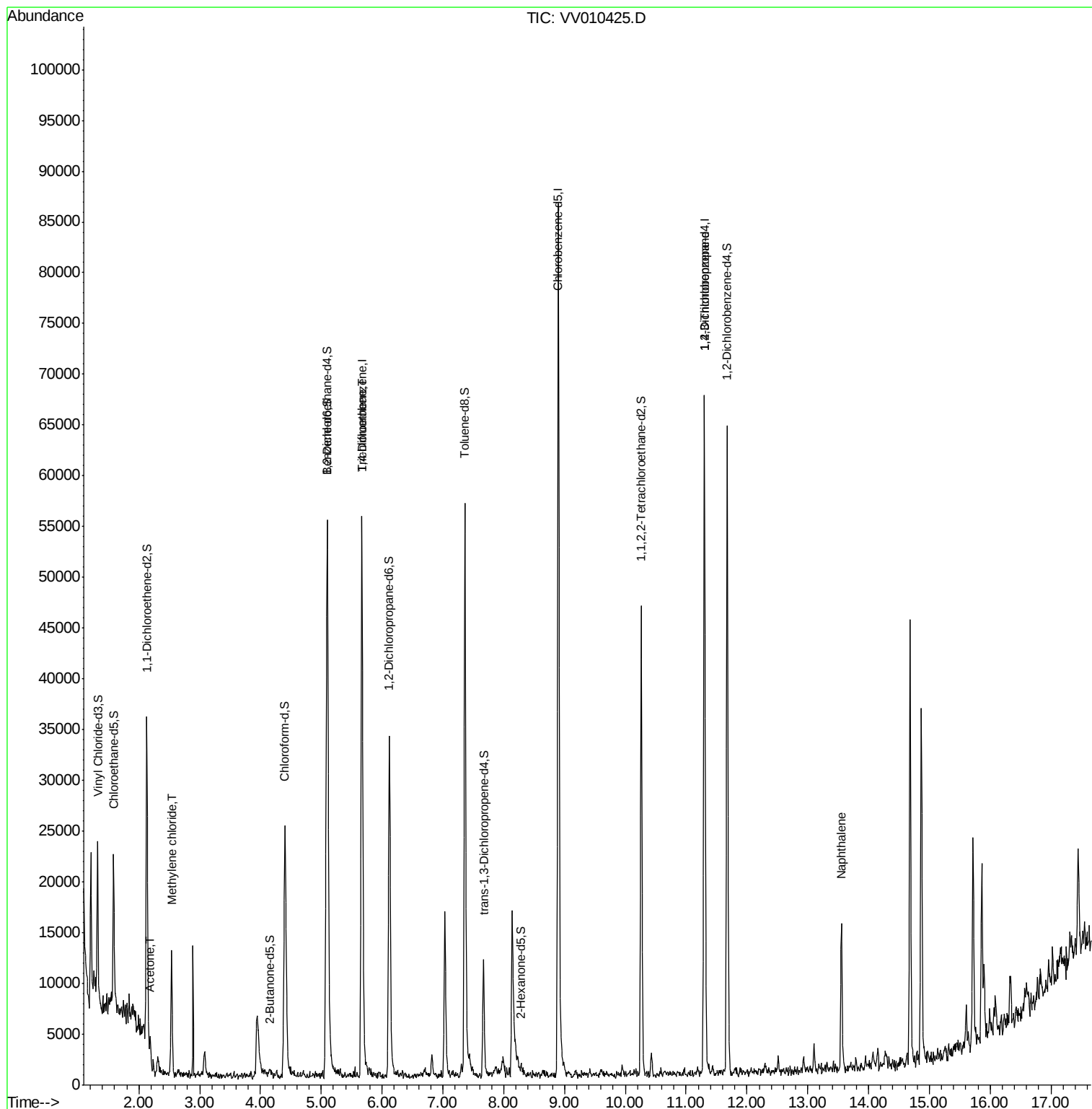
					Qvalue
13) Acetone	2.19	43	1537	8.897 ug/L	74
16) Methylene chloride	2.54	84	4364	5.947 ug/L	97
35) Trichloroethene	5.66	95	699	1.037 ug/L #	4
59) 1,2,3-Trichloropropane	11.30	75	1347	2.860 ug/L #	42
69) Naphthalene	13.55	128	11507	10.277 ug/L #	93

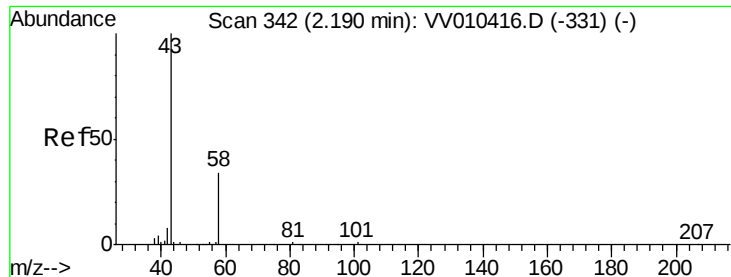
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.897 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.00 min

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ClientSampleId :

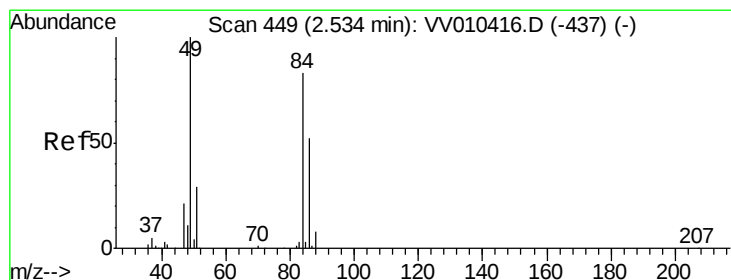
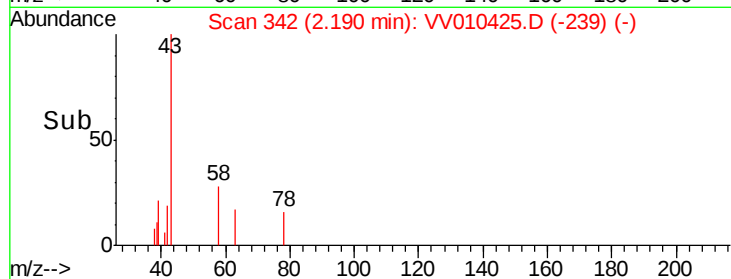
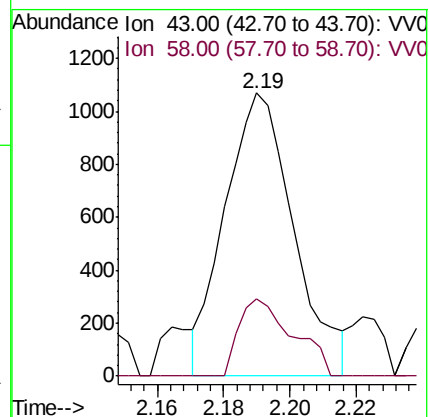
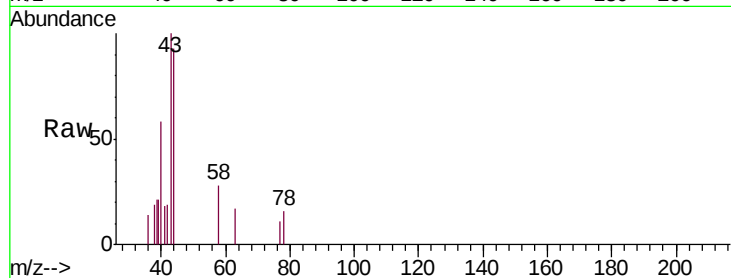
GAHN3RE

Tgt Ion: 43 Resp: 1537

Ion Ratio Lower Upper

43 100

58 18.5 0.0 66.4



#16

Methylene chloride

Concen: 5.947 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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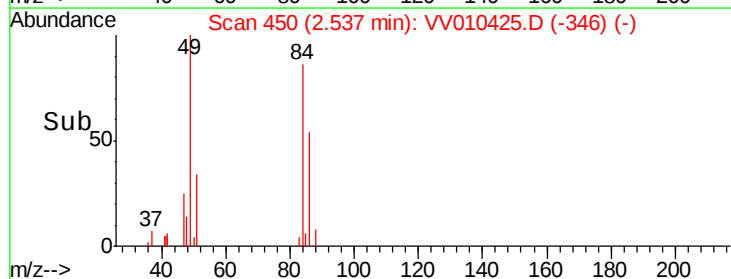
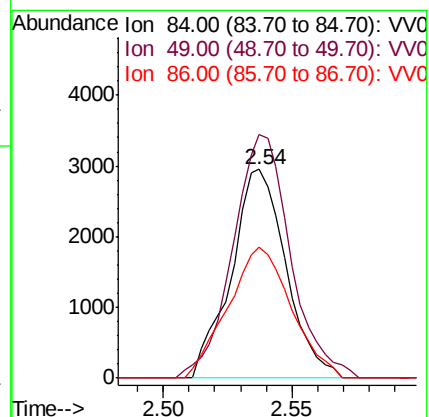
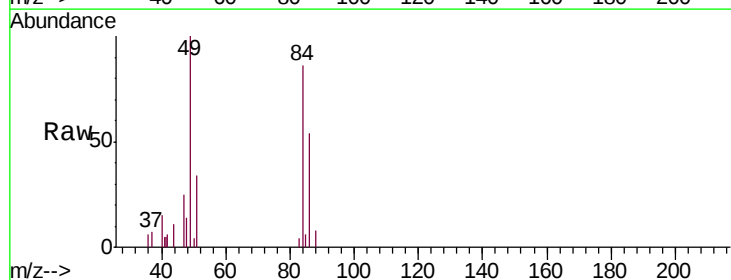
Tgt Ion: 84 Resp: 4364

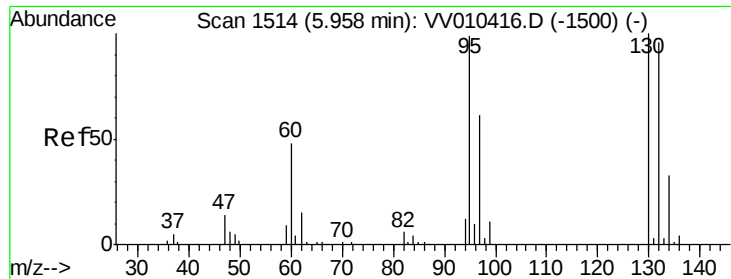
Ion Ratio Lower Upper

84 100

49 116.8 85.0 158.0

86 62.6 43.9 81.5





#35

Trichloroethene

Concen: 1.037 ug/L

RT: 5.66 min Scan# 1420

Delta R.T. -0.30 min

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Instrument :

MSVOA_V

ClientSampleId :

GAHN3RE

Tgt Ion: 95 Resp: 699

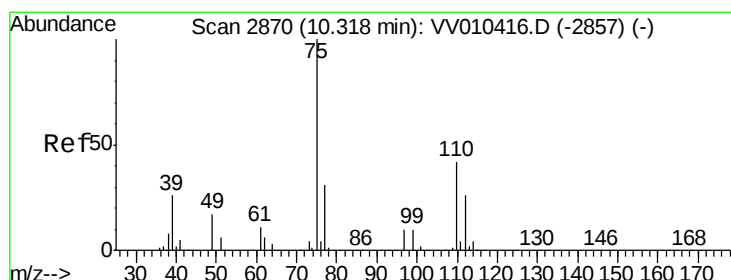
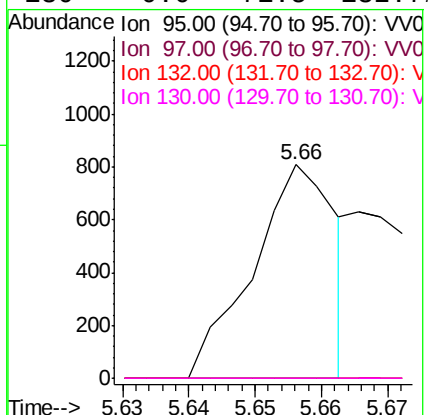
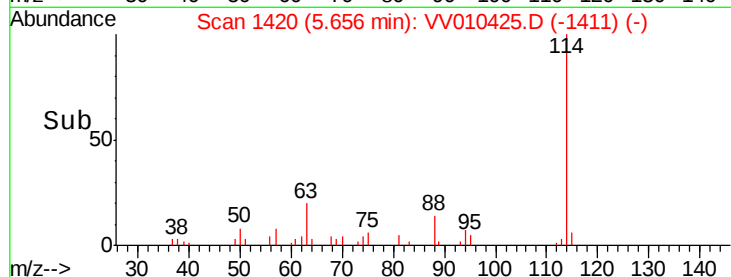
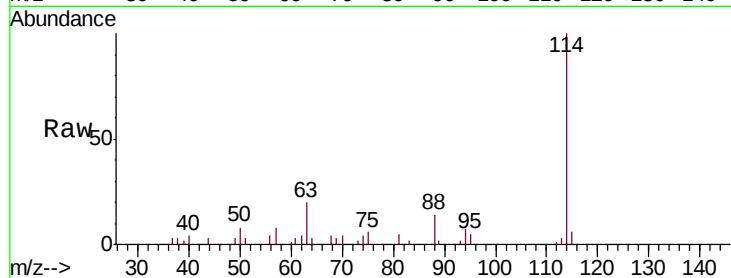
Ion Ratio Lower Upper

95 100

97 0.0 44.4 82.4#

132 0.0 69.0 128.1#

130 0.0 71.5 132.7#



#59

1,2,3-Trichloropropane

Concen: 2.860 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

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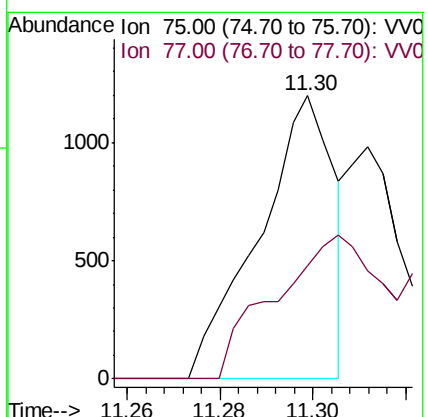
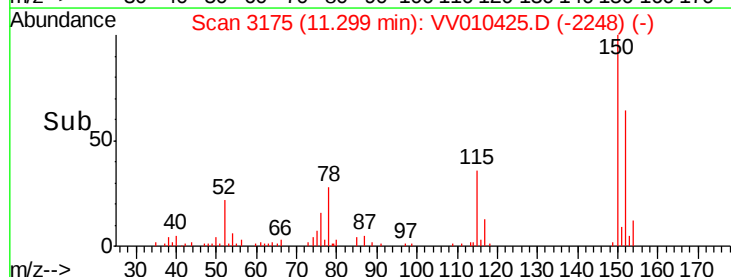
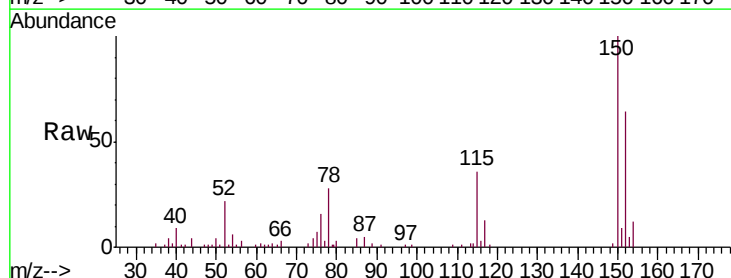
Acq: 22 Apr 2019 21:40

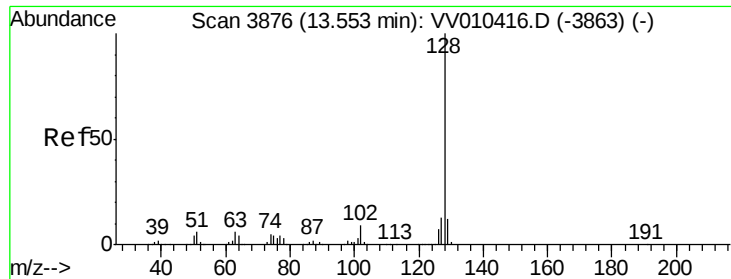
Tgt Ion: 75 Resp: 1347

Ion Ratio Lower Upper

75 100

77 0.0 26.2 39.2#





#69

Naphthalene

Concen: 10.277 ug/L

RT: 13.55 min Scan# 3876

Delta R.T. -0.00 min

Lab File: VV010425.D

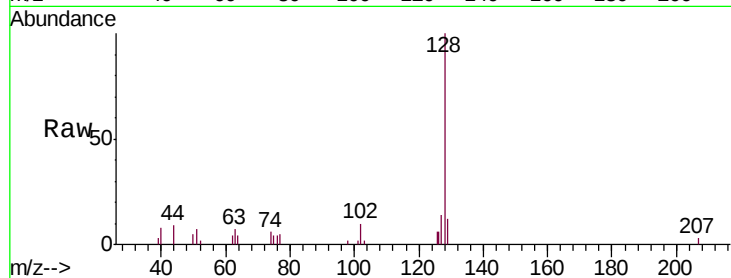
Acq: 22 Apr 2019 21:40

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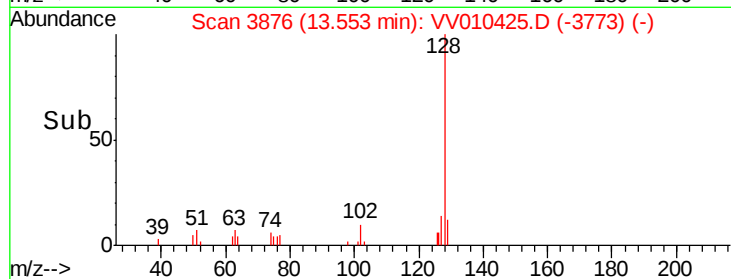
Tgt Ion:128 Resp: 11507

Ion Ratio Lower Upper

128 100

129 11.1 8.4 12.6

127 8.4 10.2 15.2#



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

