

Data File : VV010722.D
Acq On : 08 May 2019 10:35
Operator : SY/MD
Sample : K2690-11
Misc : 4.87G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A5157

Quant Time: May 09 02:27:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Thu May 09 02:24:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	102827	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	90817	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	28668	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	25894	16.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.84%
7) Chloroethane-d5	1.56	69	26246	19.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.88%
10) 1,1-Dichloroethene-d2	2.12	63	44823	12.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.76%
20) 2-Butanone-d5	3.93	46	23626	49.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.58%
24) Chloroform-d	4.40	84	63956	22.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.24%
26) 1,2-Dichloroethane-d4	5.08	65	42640	24.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.40%
29) Benzene-d6	5.09	84	115625	24.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.76%
33) 1,2-Dichloropropane-d6	6.11	67	41156	27.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.08%
37) Toluene-d8	7.36	98	92855	20.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.12%
38) trans-1,3-Dichloropropene-	7.66	79	13944	20.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.32%
39) 2-Hexanone-d5	8.13	63	17320	54.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.68%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	33198	23.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.76%
61) 1,2-Dichlorobenzene-d4	11.67	152	24366	21.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.80%

Target Compounds

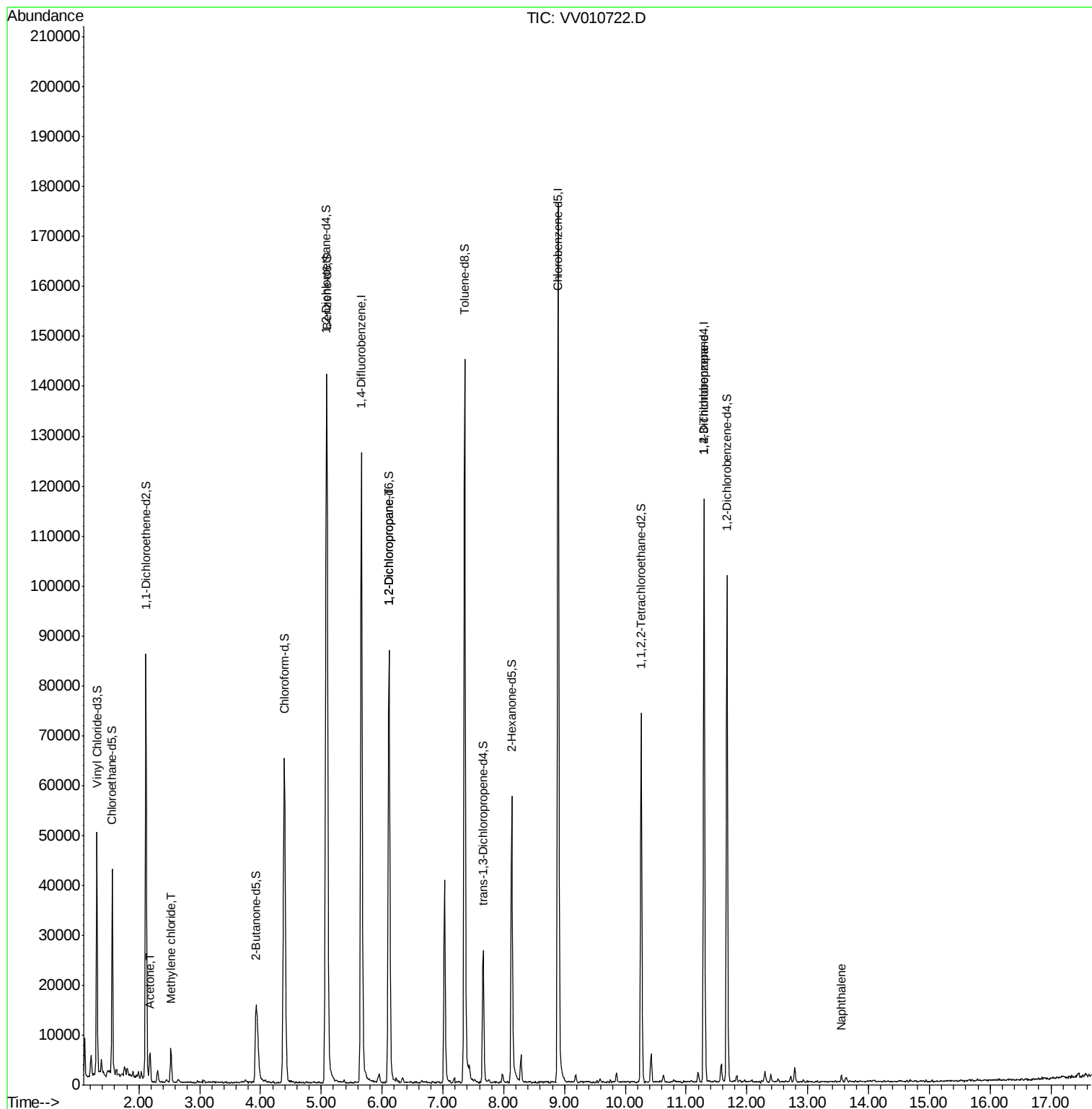
					Qvalue
13) Acetone	2.18	43	4286	5.776 ug/L	97
16) Methylene chloride	2.53	84	2605	1.638 ug/L	94
40) 1,2-Dichloropropane	6.12	63	5111	3.604 ug/L #	87
59) 1,2,3-Trichloropropane	11.30	75	3773	3.167 ug/L #	74
69) Naphthalene	13.55	128	1375	0.578 ug/L #	76

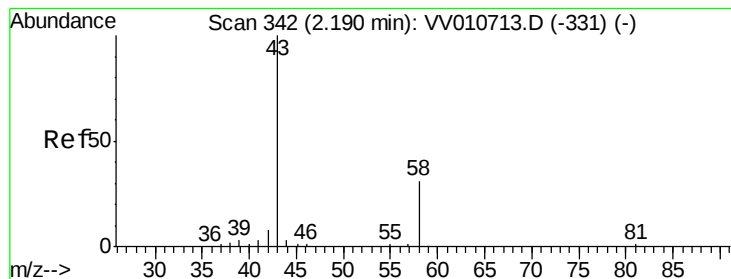
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.776 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampled :

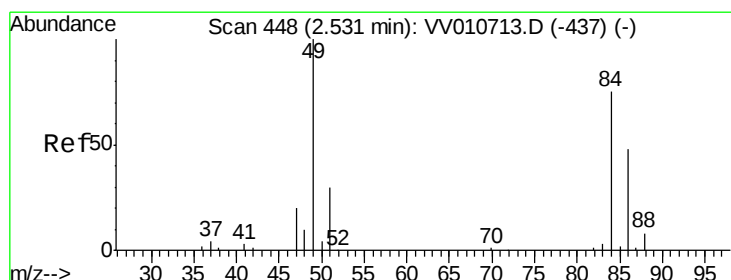
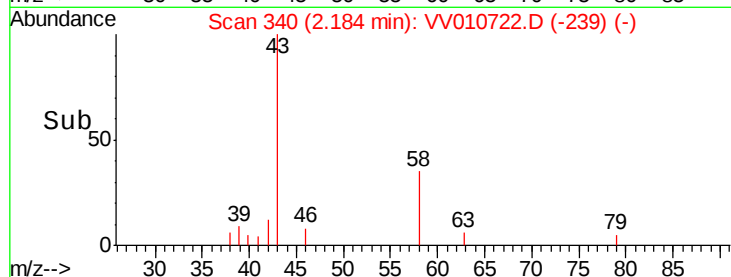
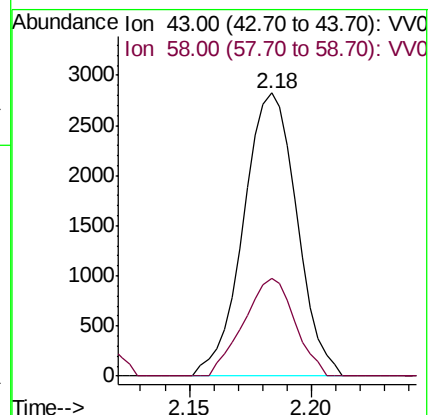
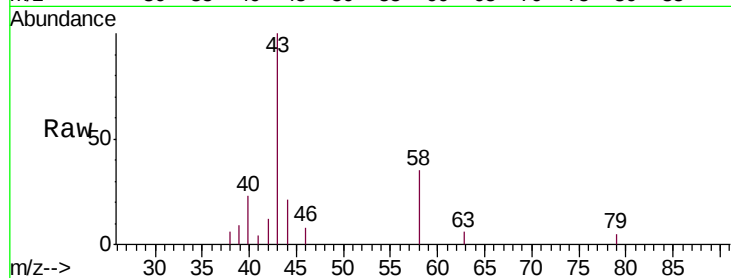
A5157

Tgt Ion: 43 Resp: 4286

Ion Ratio Lower Upper

43 100

58 33.1 0.0 63.4



#16

Methylene chloride

Concen: 1.638 ug/L

RT: 2.53 min Scan# 447

Delta R.T. -0.00 min

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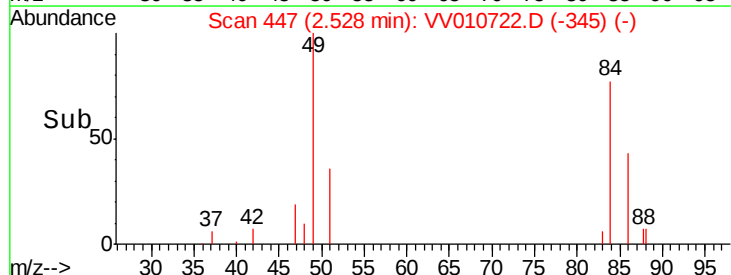
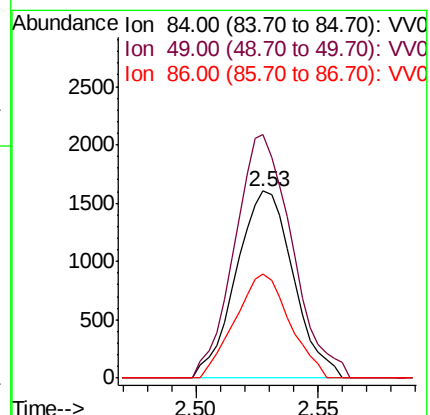
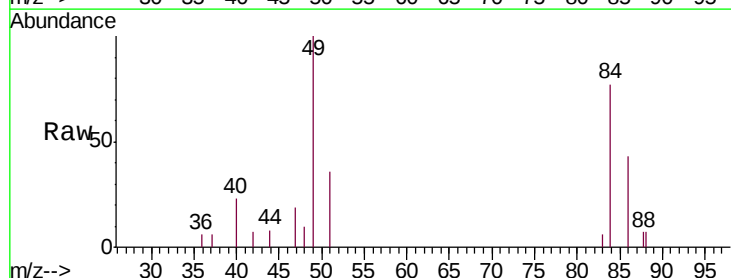
Tgt Ion: 84 Resp: 2605

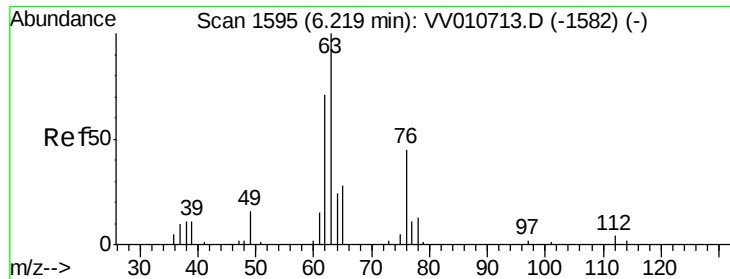
Ion Ratio Lower Upper

84 100

49 130.1 92.9 172.5

86 55.8 46.5 86.5





#40

1,2-Dichloropropane

Concen: 3.604 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

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Instrument :

MSVOA_V

ClientSampled :

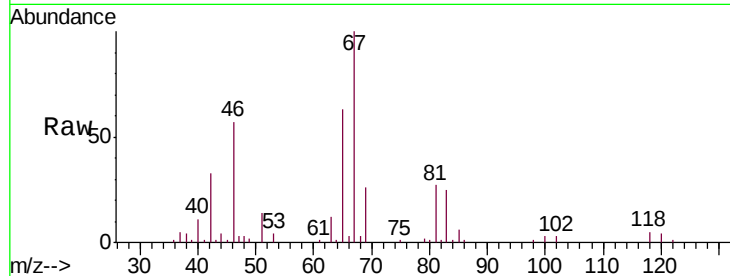
A5157

Tgt Ion: 63 Resp: 5111

Ion Ratio Lower Upper

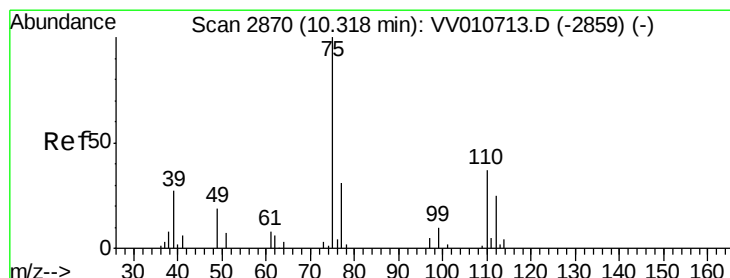
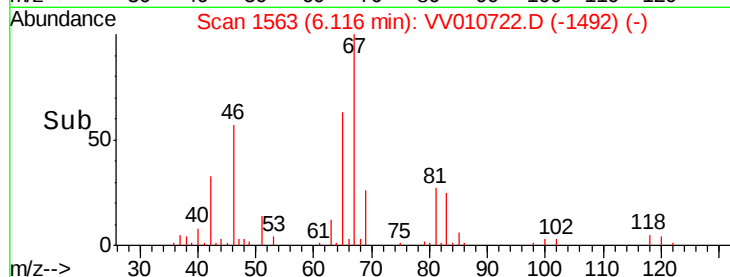
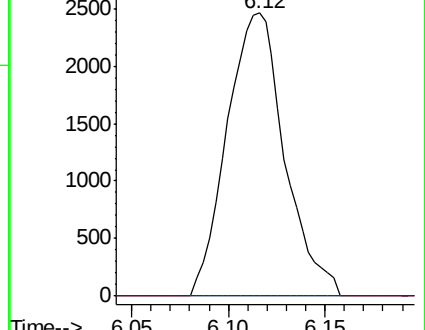
63 100

112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV010713.D (-1582) (-)

Ion 112.00 (111.70 to 112.70): VV010713.D (-1582) (-)



#59

1,2,3-Trichloropropane

Concen: 3.167 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010722.D

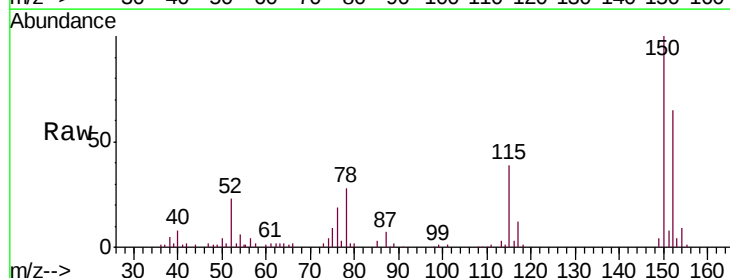
Acq: 08 May 2019 10:35

Tgt Ion: 75 Resp: 3773

Ion Ratio Lower Upper

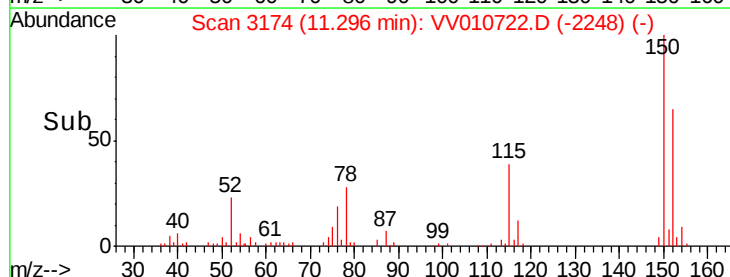
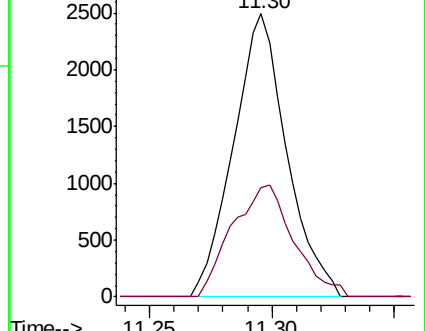
75 100

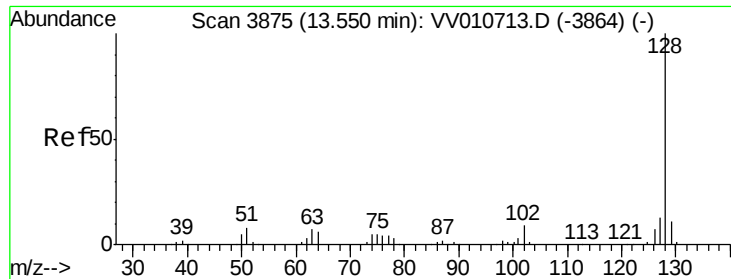
77 45.8 25.0 37.6#



Abundance Ion 75.00 (74.70 to 75.70): VV010713.D (-2859) (-)

Ion 77.00 (76.70 to 77.70): VV010713.D (-2859) (-)





#69

Naphthalene

Concen: 0.578 ug/L

RT: 13.55 min Scan# 3876

Delta R.T. 0.00 min

Lab File: VV010722.D

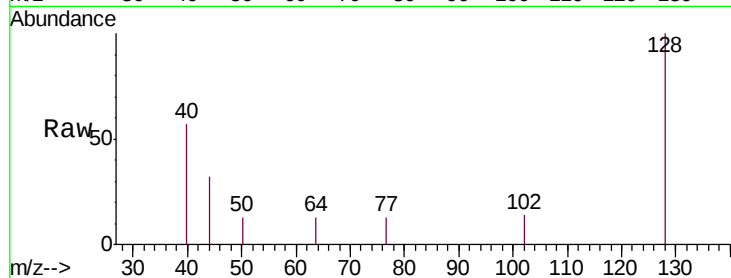
Acq: 08 May 2019 10:35

Instrument :

MSVOA_V

ClientSampleId :

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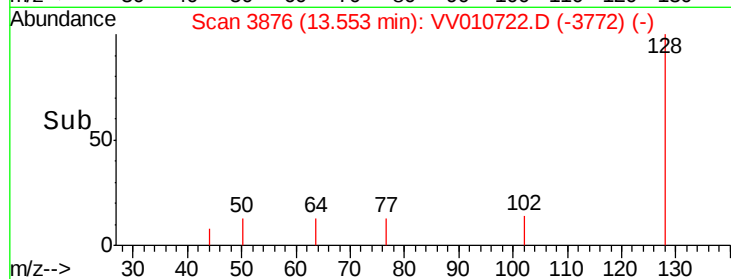
Tgt Ion:128 Resp: 1375

Ion Ratio Lower Upper

128 100

129 0.0 8.3 12.5#

127 5.3 10.8 16.2#



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

