

Data File : VV010393.D
Acq On : 19 Apr 2019 19:59
Operator : SY/MD
Sample : K2456-08
Misc : 5.07G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAHP6

Quant Time: Apr 20 04:38:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 20 04:30:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	110995	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	99157	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	46934	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18184	12.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.60%
7) Chloroethane-d5	1.58	69	16505	13.94	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.76%
10) 1,1-Dichloroethene-d2	2.13	63	35064	10.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	41.24%#
20) 2-Butanone-d5	3.95	46	13892	31.65	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.30%
24) Chloroform-d	4.40	84	60565	20.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.04%
26) 1,2-Dichloroethane-d4	5.08	65	33086	19.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.84%
29) Benzene-d6	5.10	84	117732	23.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.80%
33) 1,2-Dichloropropane-d6	6.12	67	35099	23.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.52%
37) Toluene-d8	7.36	98	108779	22.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.16%
38) trans-1,3-Dichloropropene-	7.67	79	12450	17.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.16%
39) 2-Hexanone-d5	8.14	63	10423	31.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.02%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	29152	19.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.48%
61) 1,2-Dichlorobenzene-d4	11.67	152	43330	23.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.92%

Target Compounds

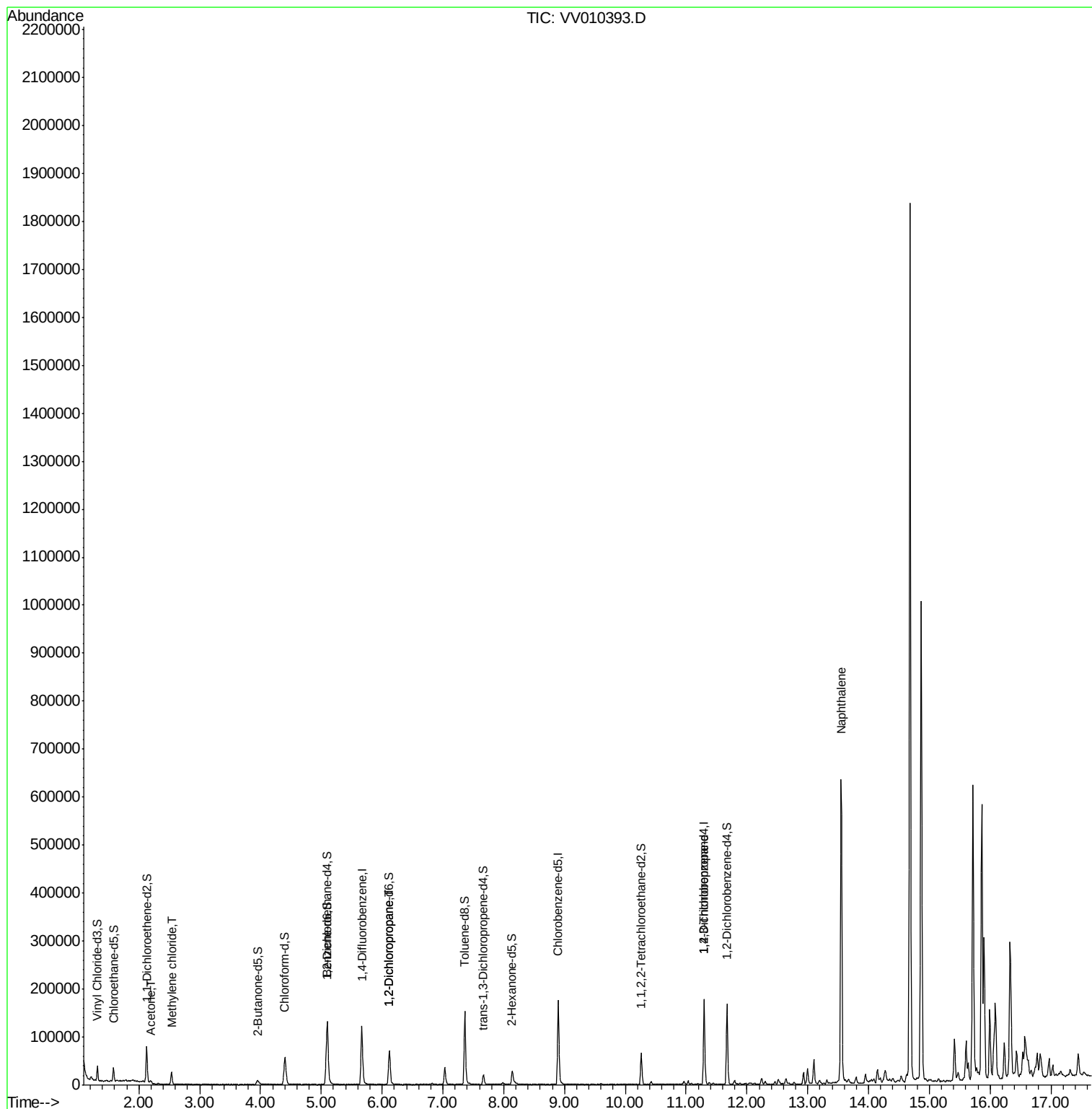
					Qvalue
13) Acetone	2.19	43	1995	4.307	ug/L 99
16) Methylene chloride	2.54	84	11621	6.555	ug/L 90
40) 1,2-Dichloropropane	6.12	63	3830	3.086	ug/L # 86
59) 1,2,3-Trichloropropane	11.30	75	5541	5.293	ug/L 91
69) Naphthalene	13.55	128	480922	136.878	ug/L 99

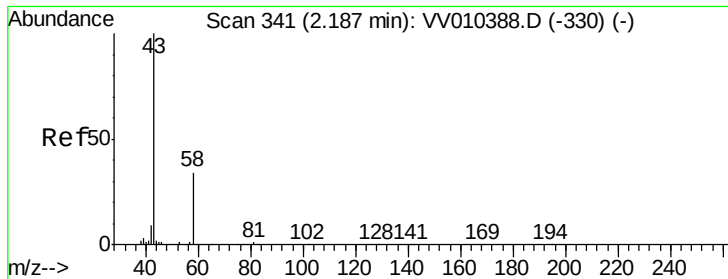
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.307 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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Acq: 19 Apr 2019 19:59

Instrument :

MSVOA_V

ClientSampled :

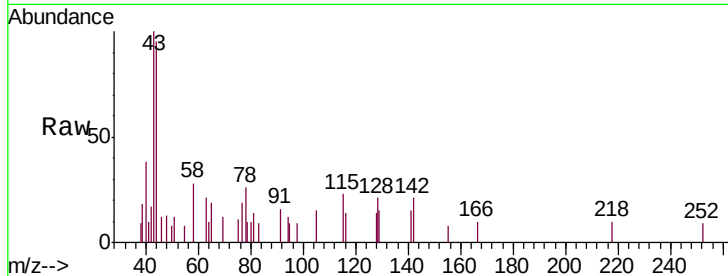
GAHP6

Tgt Ion: 43 Resp: 1995

Ion Ratio Lower Upper

43 100

58 29.6 0.0 60.0



Abundance Ion 43.00 (42.70 to 43.70): VV010388.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV010388.D (-330) (-)

2.19

1500

1000

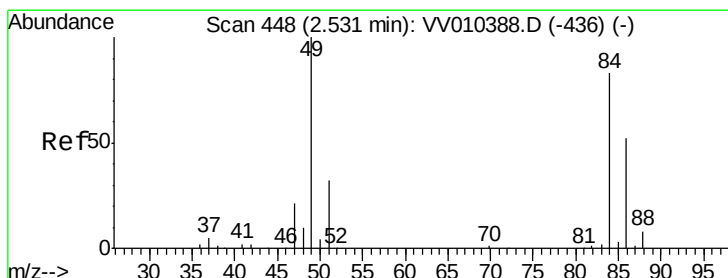
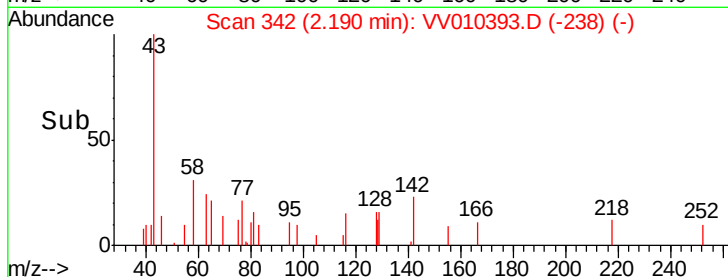
500

0

2.15

2.20

Time-->



#16

Methylene chloride

Concen: 6.555 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.01 min

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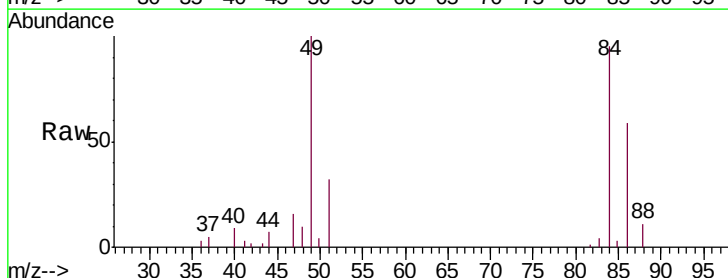
Tgt Ion: 84 Resp: 11621

Ion Ratio Lower Upper

84 100

49 105.6 83.8 155.6

86 61.8 46.1 85.5



Abundance Ion 84.00 (83.70 to 84.70): VV010388.D (-436) (-)

Ion 49.00 (48.70 to 49.70): VV010388.D (-436) (-)

Ion 86.00 (85.70 to 86.70): VV010388.D (-436) (-)

2.54

10000

8000

6000

4000

2000

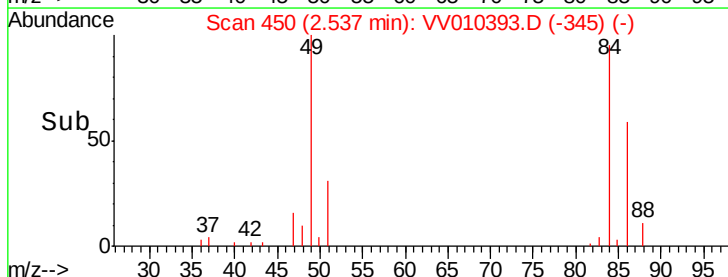
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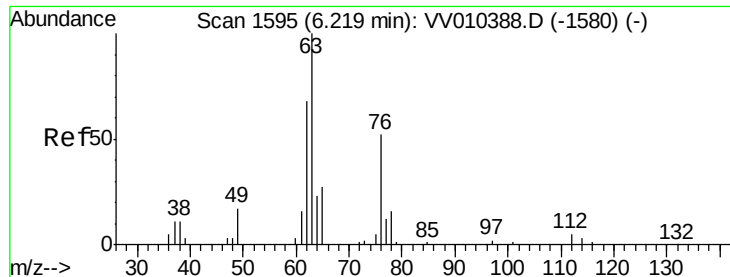
2.50

2.55

2.60

Time-->

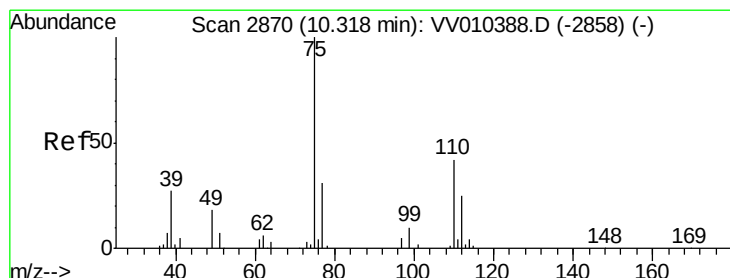
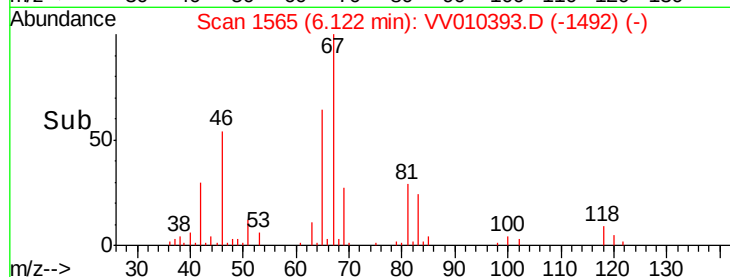
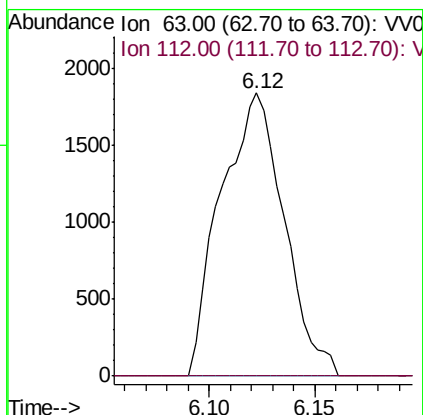
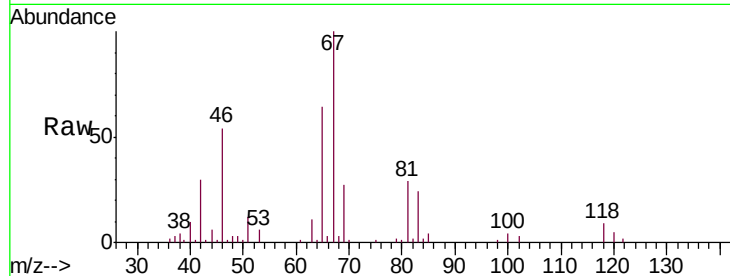




#40
 1,2-Dichloropropane
 Concen: 3.086 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV010393.D
 Acq: 19 Apr 2019 19:59

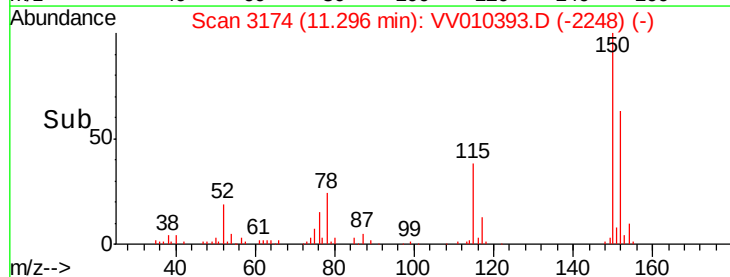
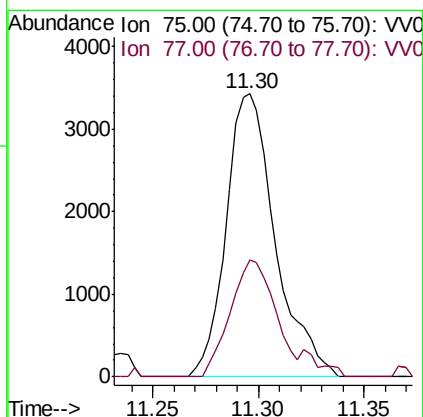
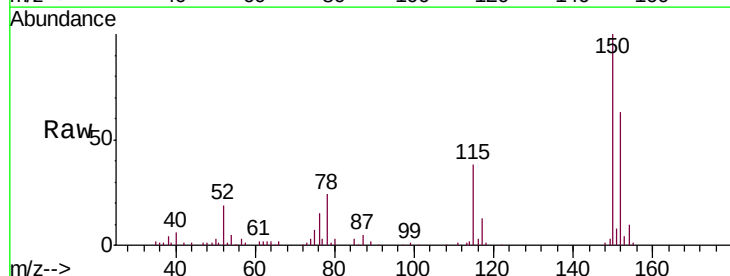
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 MSVOA_V
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 GAHP6

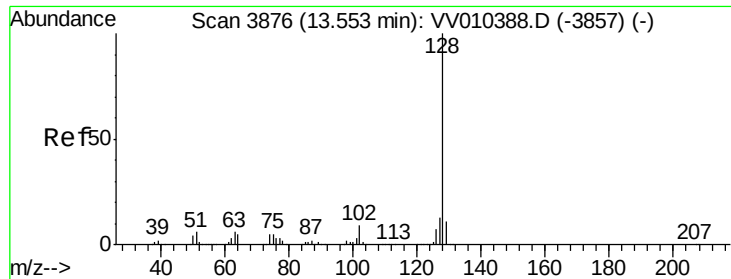
Tgt Ion: 63 Resp: 3830
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#59
 1,2,3-Trichloropropane
 Concen: 5.293 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV010393.D
 Acq: 19 Apr 2019 19:59

Tgt Ion: 75 Resp: 5541
 Ion Ratio Lower Upper
 75 100
 77 37.6 25.8 38.8





#69

Naphthalene

Concen: 136.878 ug/L

RT: 13.55 min Scan# 3876

Delta R.T. 0.00 min

Lab File: VV010393.D

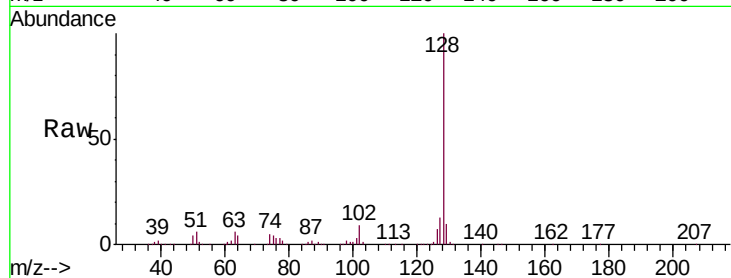
Acq: 19 Apr 2019 19:59

Instrument :

MSVOA_V

ClientSampleId :

GAHP6



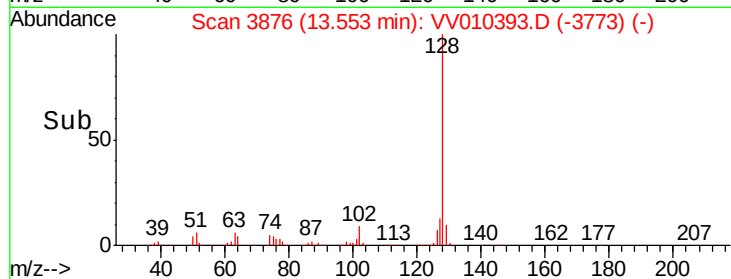
Tgt Ion:128 Resp: 480922

Ion Ratio Lower Upper

128 100

129 10.5 8.7 13.1

127 13.0 10.7 16.1



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

