

Data File : VV010441.D
Acq On : 23 Apr 2019 07:18
Operator : SY/MD
Sample : K2481-05
Misc : 5.09G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAHW0

Quant Time: Apr 23 08:00:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 07:55:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	416955	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	385199	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	171126	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	64167	11.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	44.68%
7) Chloroethane-d5	1.57	69	65759	14.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.88%
10) 1,1-Dichloroethene-d2	2.12	63	111082	10.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	41.44%#
20) 2-Butanone-d5	3.92	46	48033	35.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.52%
24) Chloroform-d	4.40	84	199970	19.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.48%
26) 1,2-Dichloroethane-d4	5.08	65	120991	19.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.44%
29) Benzene-d6	5.09	84	375951	21.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.56%
33) 1,2-Dichloropropane-d6	6.11	67	119106	22.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.84%
37) Toluene-d8	7.36	98	344831	18.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.28%
38) trans-1,3-Dichloropropene-	7.66	79	41414	16.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.12%
39) 2-Hexanone-d5	8.13	63	36653	35.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.34%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	93302	18.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.00%
61) 1,2-Dichlorobenzene-d4	11.67	152	131239	20.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.72%

Target Compounds

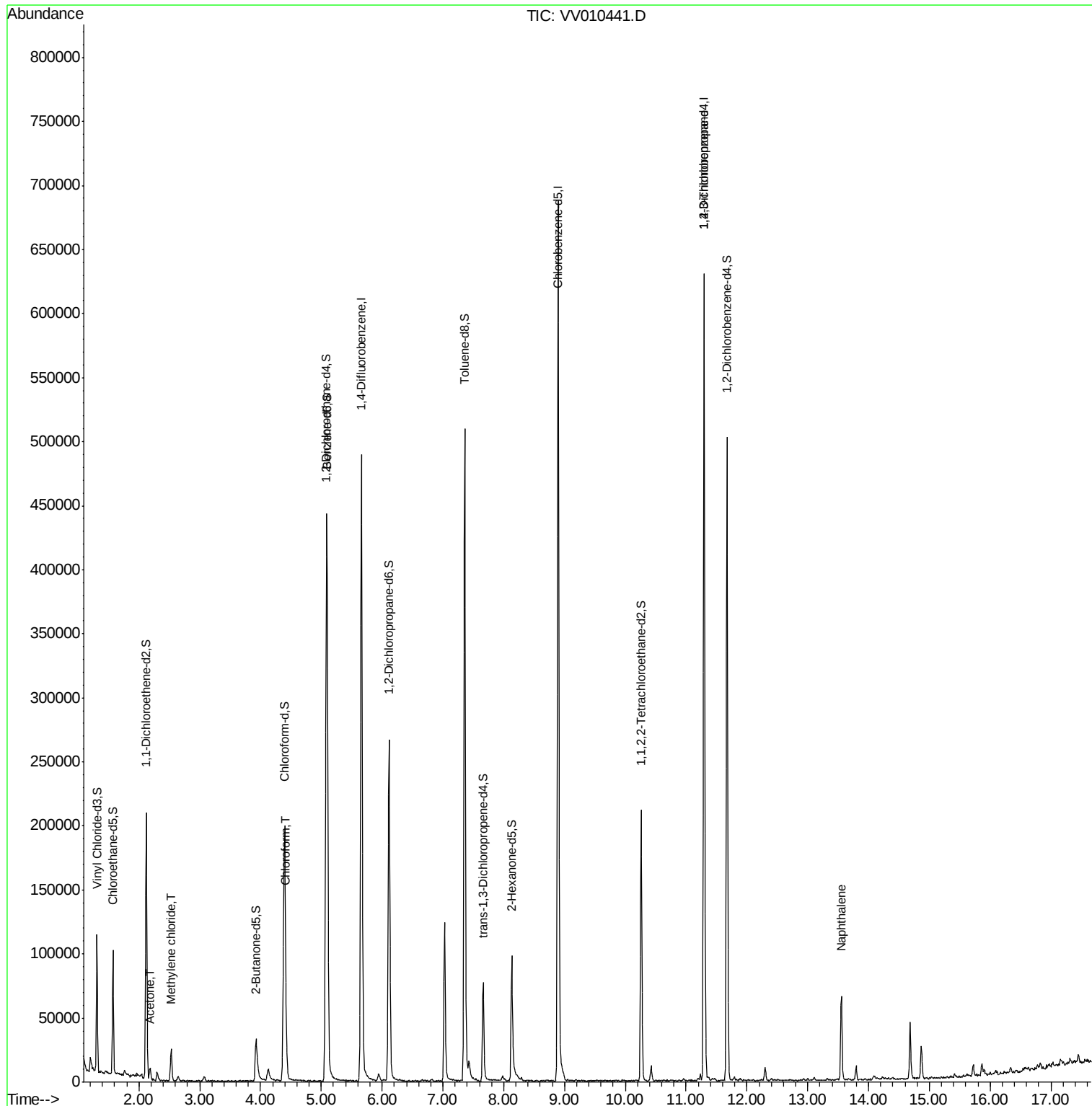
					Qvalue
13) Acetone	2.19	43	7827	5.437 ug/L	96
16) Methylene chloride	2.53	84	10608	1.735 ug/L	95
25) Chloroform	4.42	83	10998	1.103 ug/L	95
59) 1,2,3-Trichloropropane	11.29	75	18919	5.245 ug/L	93
69) Naphthalene	13.55	128	53257	5.493 ug/L	100

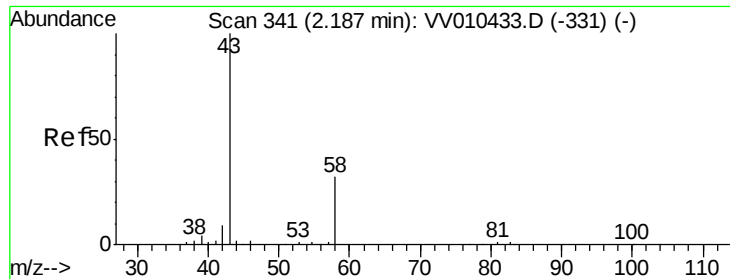
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV010441.D
Acq On : 23 Apr 2019 07:18
Operator : SY/MD
Sample : K2481-05
Misc : 5.09G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAHW0

Quant Time: Apr 23 08:00:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 07:55:10 2019
Response via : Initial Calibration





#13

Acetone

Concen: 5.437 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

Lab File: VV010441.D

Acq: 23 Apr 2019 07:18

Instrument :

MSVOA_V

ClientSampleId :

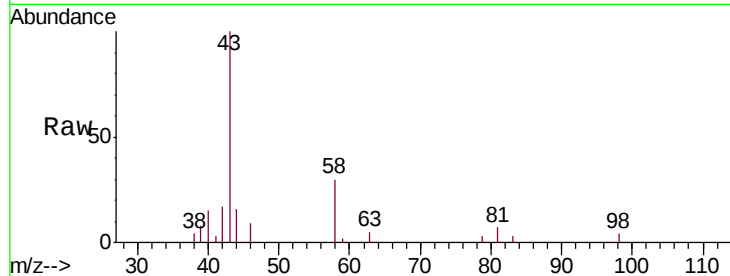
GAHW0

Tgt Ion: 43 Resp: 7827

Ion Ratio Lower Upper

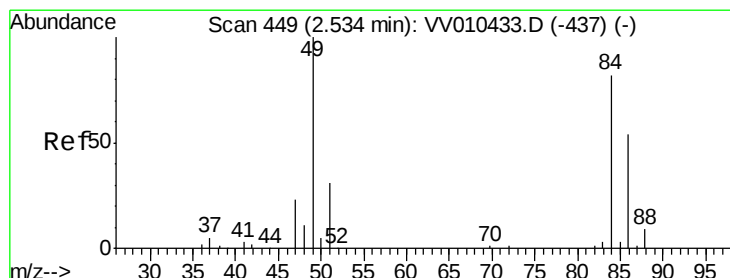
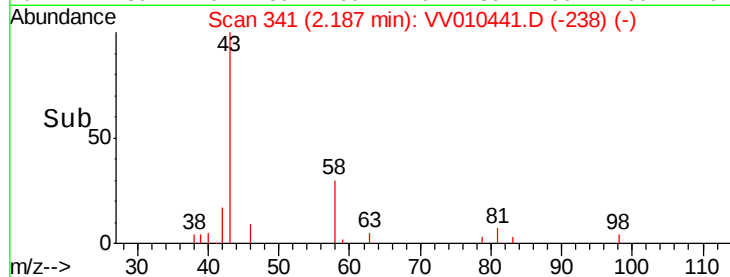
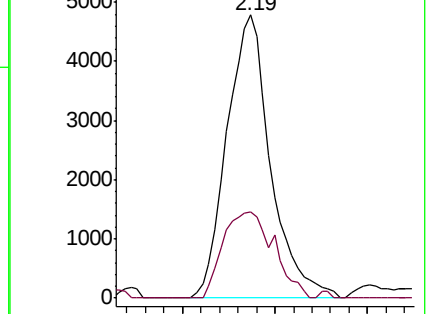
43 100

58 35.5 0.0 66.4



Abundance Ion 43.00 (42.70 to 43.70): VV010433.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010433.D (-331) (-)



#16

Methylene chloride

Concen: 1.735 ug/L

RT: 2.53 min Scan# 448

Delta R.T. -0.00 min

Lab File: VV010441.D

Acq: 23 Apr 2019 07:18

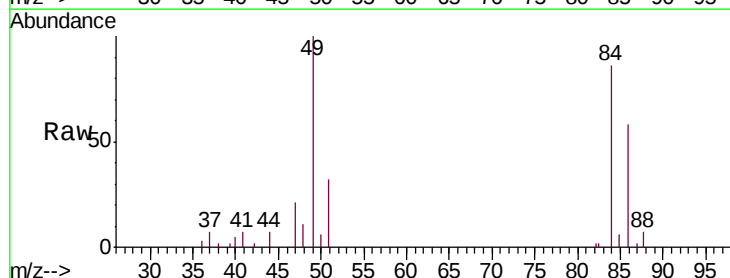
Tgt Ion: 84 Resp: 10608

Ion Ratio Lower Upper

84 100

49 116.4 85.0 158.0

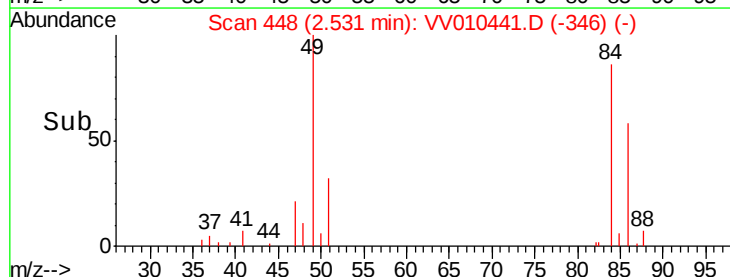
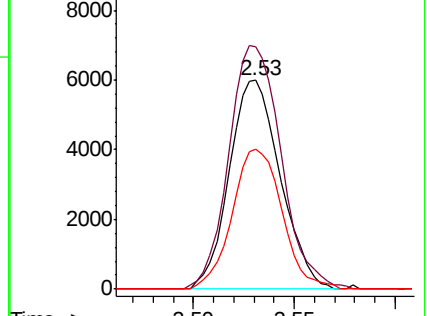
86 67.3 43.9 81.5

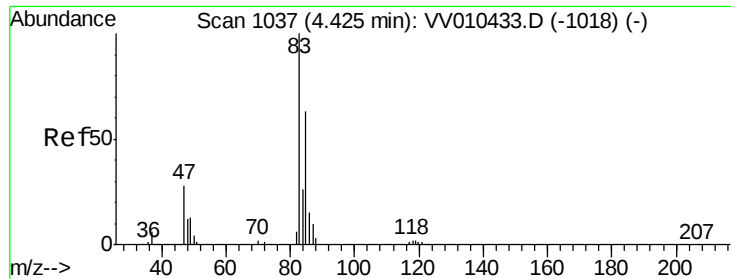


Abundance Ion 84.00 (83.70 to 84.70): VV010433.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV010433.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV010433.D (-437) (-)

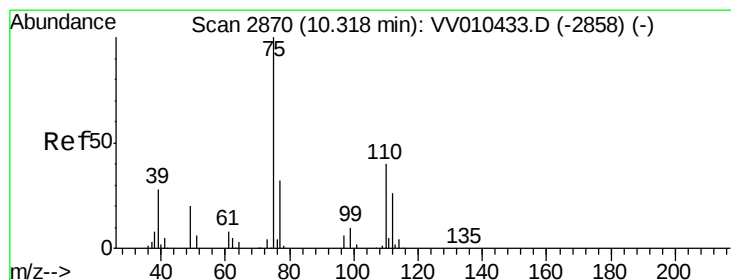
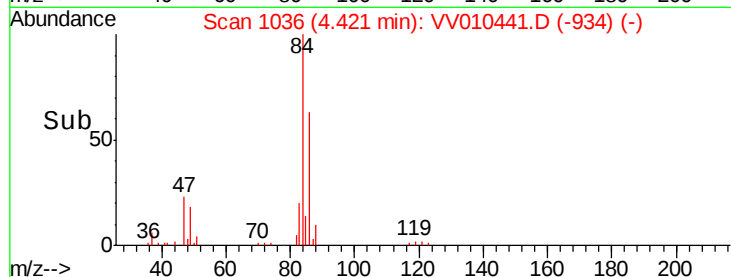
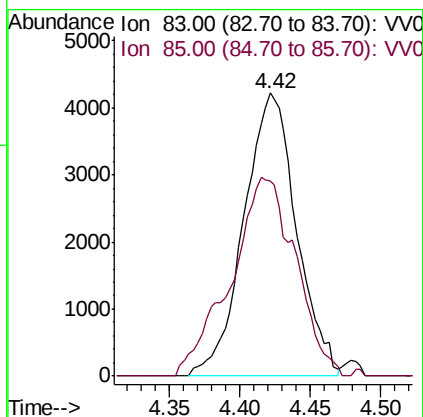
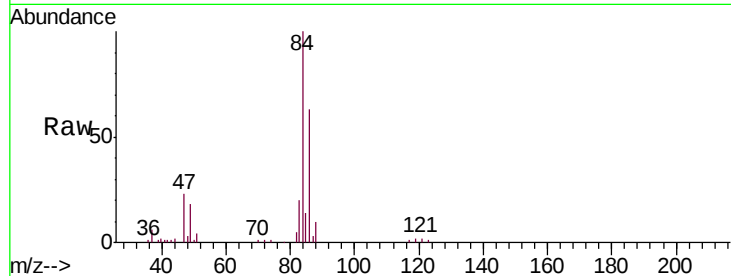




#25
Chloroform
Concen: 1.103 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV010441.D
Acq: 23 Apr 2019 07:18

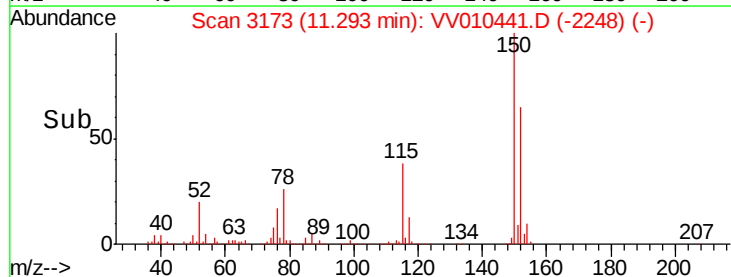
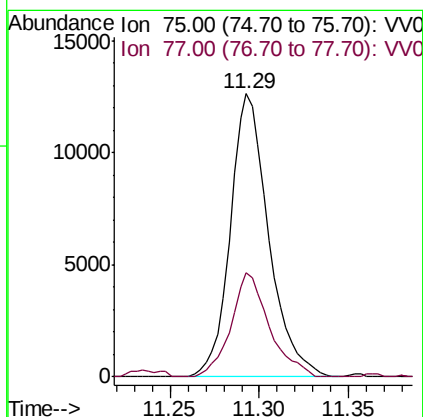
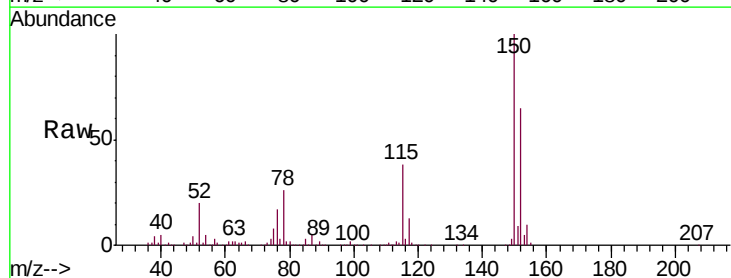
Instrument :
MSVOA_V
ClientSampleId :
GAHW0

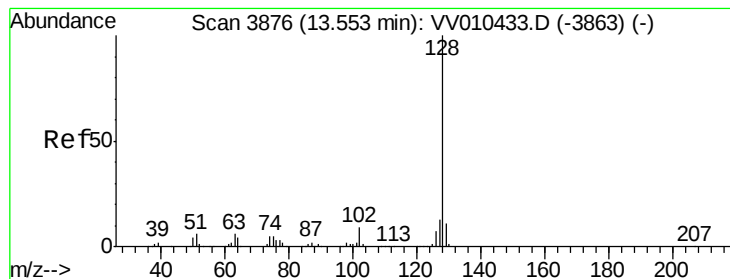
Tgt Ion: 83 Resp: 10998
Ion Ratio Lower Upper
83 100
85 70.1 46.1 85.5



#59
1,2,3-Trichloropropane
Concen: 5.245 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.97 min
Lab File: VV010441.D
Acq: 23 Apr 2019 07:18

Tgt Ion: 75 Resp: 18919
Ion Ratio Lower Upper
75 100
77 36.8 26.2 39.2





#69

Naphthalene

Concen: 5.493 ug/L

RT: 13.55 min Scan# 3876

Delta R.T. -0.00 min

Lab File: VV010441.D

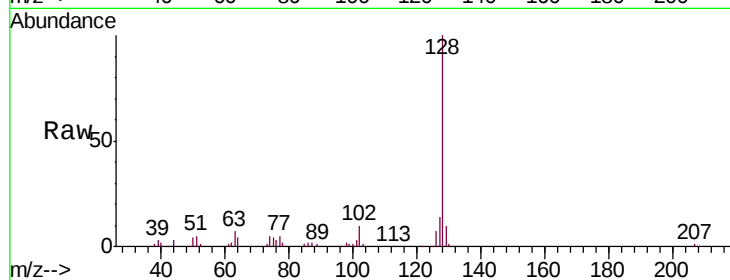
Acq: 23 Apr 2019 07:18

Instrument :

MSVOA_V

ClientSampleId :

GAHW0



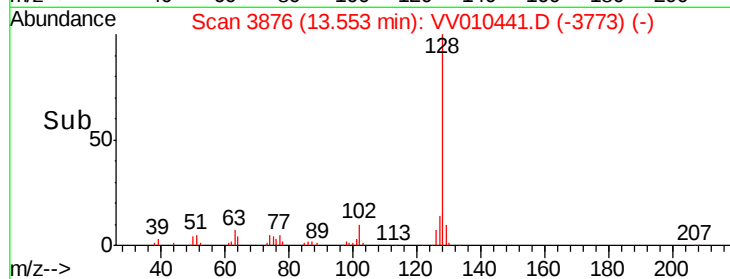
Tgt Ion:128 Resp: 53257

Ion Ratio Lower Upper

128 100

129 10.5 8.4 12.6

127 12.8 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

