

Data File : VV011117.D
Acq On : 29 May 2019 21:53
Operator : SY/MD
Sample : KK3017-07
Misc : 3.71G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51E0

Quant Time: May 30 04:52:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis
QLast Update : Thu May 30 04:49:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	94551	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	72030	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	19152	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31040	23.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.80%
7) Chloroethane-d5	1.58	69	24745	26.75	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.00%
10) 1,1-Dichloroethene-d2	2.12	63	49989	20.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.92%
20) 2-Butanone-d5	3.94	46	32451	72.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	145.26%#
24) Chloroform-d	4.40	84	62080	27.07	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.28%
26) 1,2-Dichloroethane-d4	5.08	65	41162	28.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.32%
29) Benzene-d6	5.10	84	122807	29.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.48%
33) 1,2-Dichloropropane-d6	6.12	67	41529	30.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.80%#
37) Toluene-d8	7.36	98	105469	27.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.52%
38) trans-1,3-Dichloropropene-	7.67	79	15947	25.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.04%
39) 2-Hexanone-d5	8.13	63	22190	75.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	151.82%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	33350	28.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.64%
61) 1,2-Dichlorobenzene-d4	11.67	152	17465	23.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.24%

Target Compounds

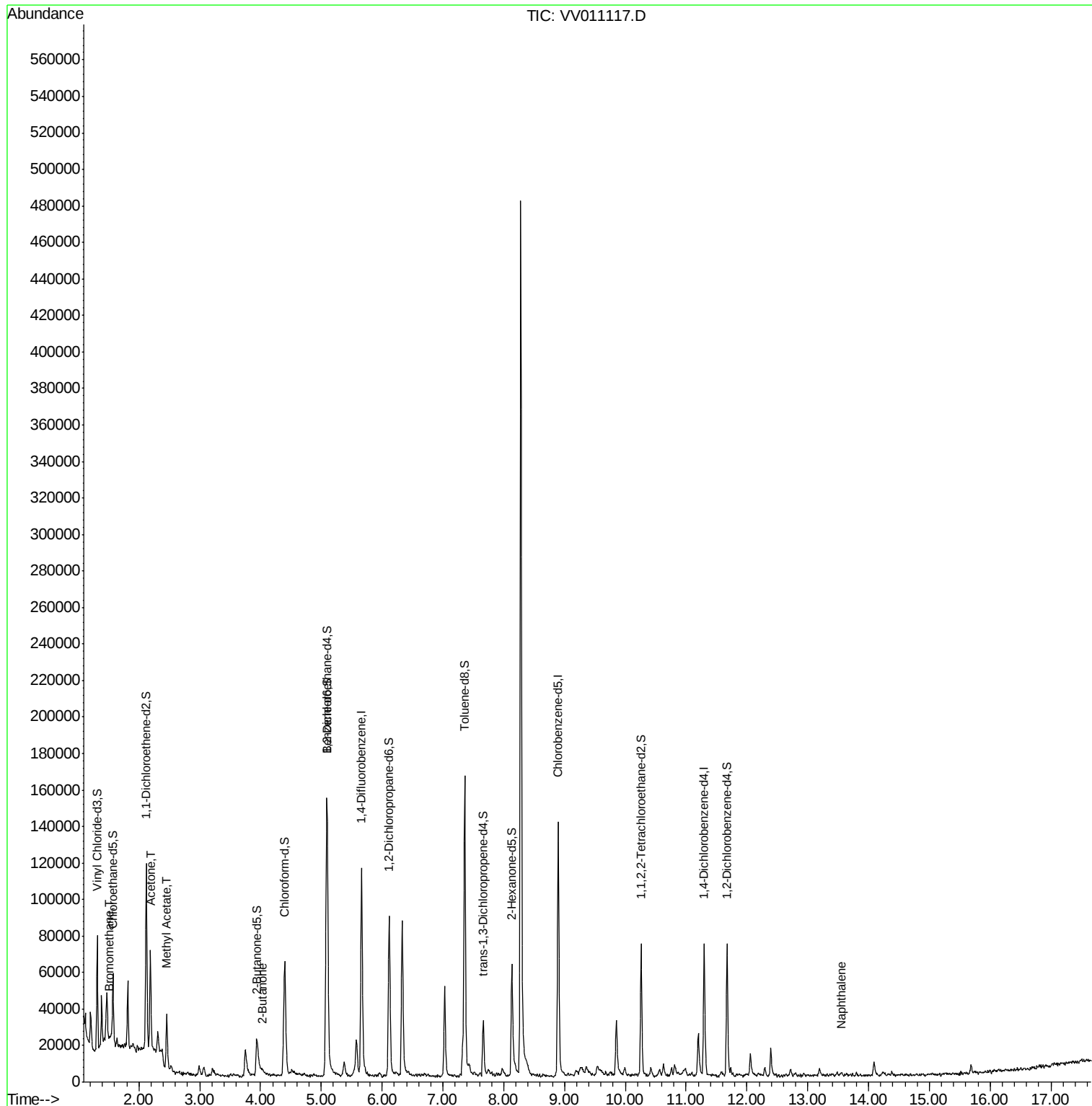
					Qvalue
6) Bromomethane	1.52	94	727	1.202 ug/L	92
13) Acetone	2.19	43	51529	101.807 ug/L	99
15) Methyl Acetate	2.46	43	33131	45.350 ug/L #	100
21) 2-Butanone	4.03	43	1542	2.474 ug/L	91
69) Naphthalene	13.55	128	1007	0.662 ug/L #	92

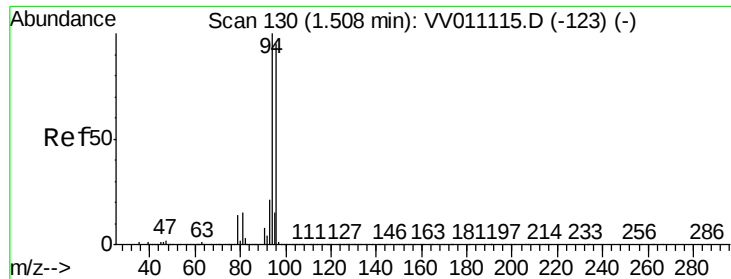
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV011117.D
Acq On : 29 May 2019 21:53
Operator : SY/MD
Sample : KK3017-07
Misc : 3.71G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51E0

Quant Time: May 30 04:52:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis
QLast Update : Thu May 30 04:49:33 2019
Response via : Initial Calibration

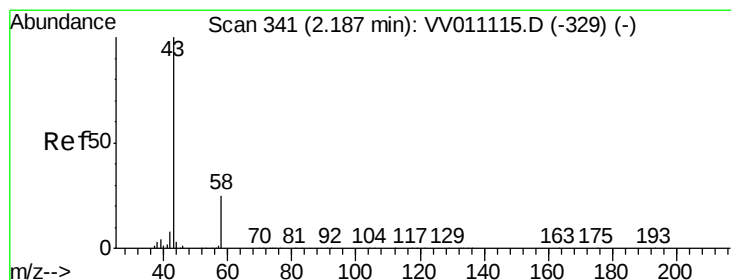
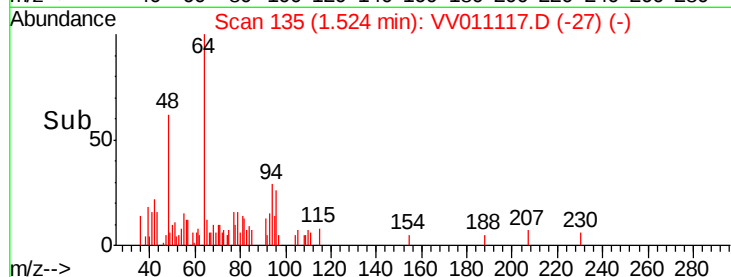
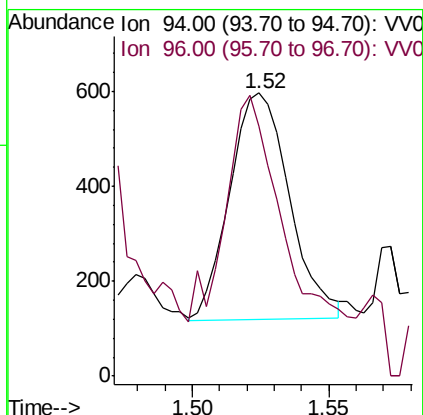
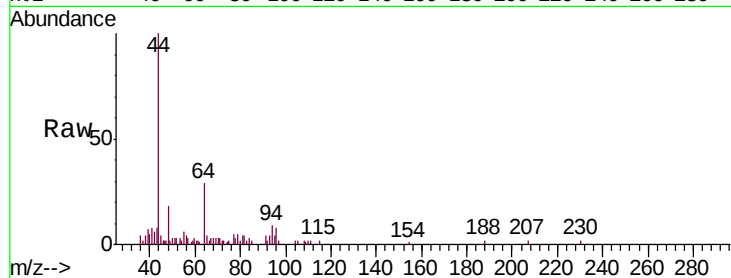




#6
 Bromomethane
 Concen: 1.202 ug/L
 RT: 1.52 min Scan# 135
 Delta R.T. 0.02 min
 Lab File: VV011117.D
 Acq: 29 May 2019 21:53

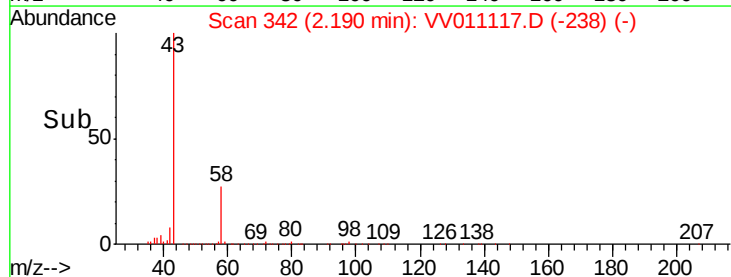
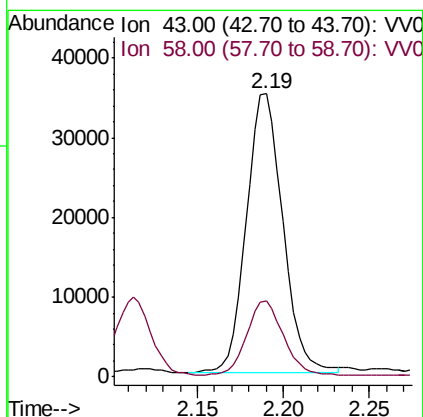
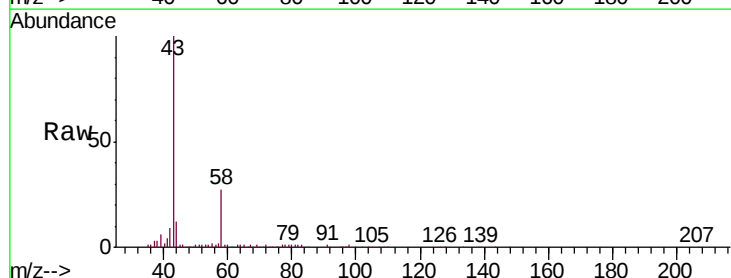
Instrument :
 MSVOA_V
 ClientSampleId :
 A51E0

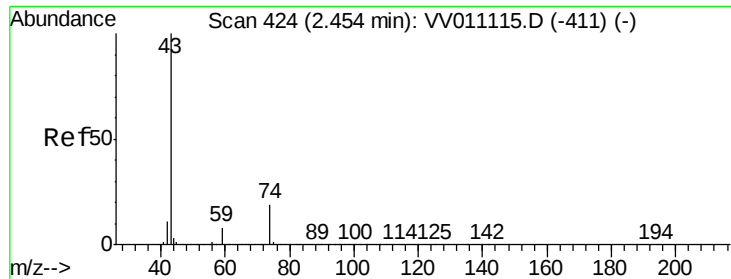
Tgt Ion: 94 Resp: 727
 Ion Ratio Lower Upper
 94 100
 96 102.2 9.5 179.7



#13
 Acetone
 Concen: 101.807 ug/L
 RT: 2.19 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VV011117.D
 Acq: 29 May 2019 21:53

Tgt Ion: 43 Resp: 51529
 Ion Ratio Lower Upper
 43 100
 58 26.8 0.0 54.8

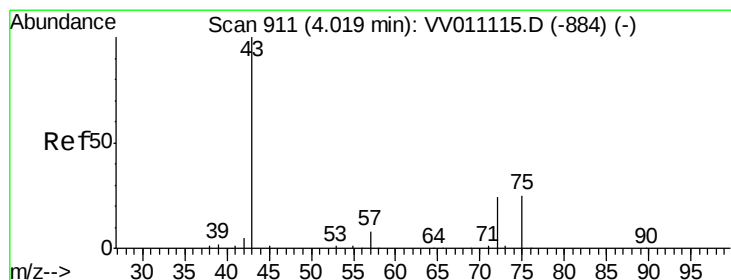
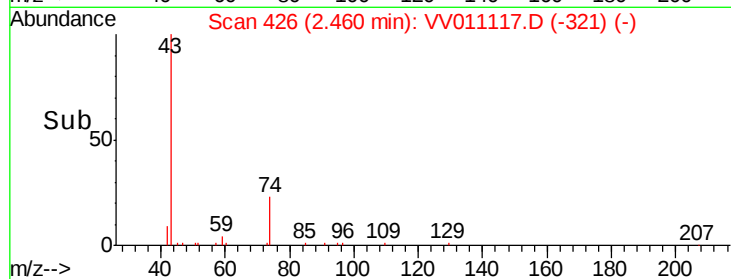
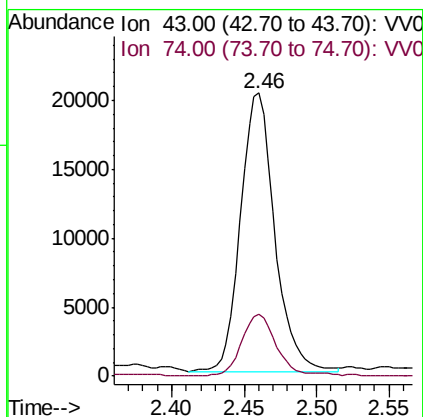
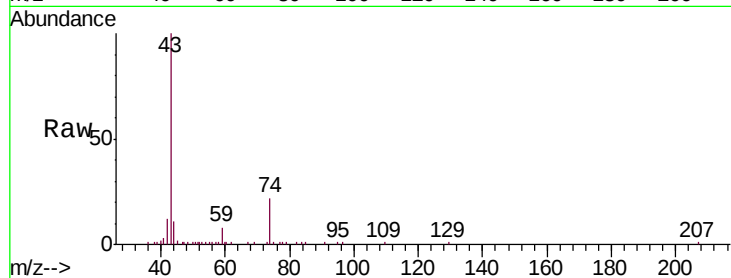




#15
Methyl Acetate
Concen: 45.350 ug/L
RT: 2.46 min Scan# 426
Delta R.T. 0.01 min
Lab File: VV011117.D
Acq: 29 May 2019 21:53

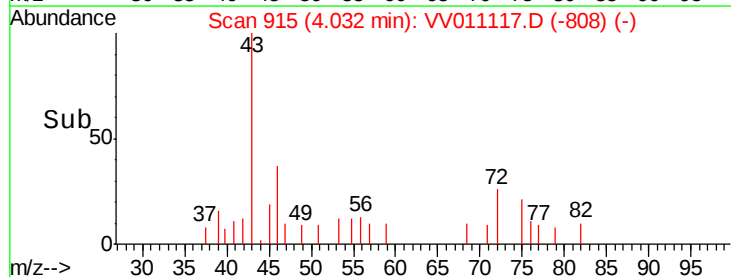
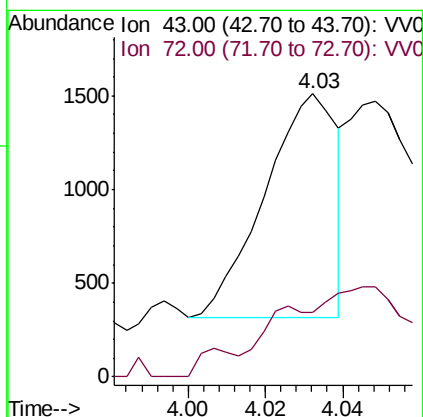
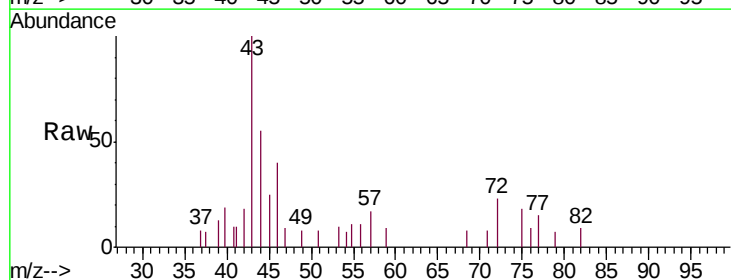
Instrument :
MSVOA_V
ClientSampleId :
A51E0

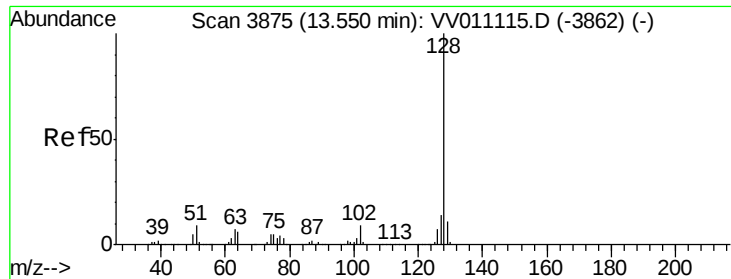
Tgt Ion: 43 Resp: 33131
Ion Ratio Lower Upper
43 100
74 22.3 0.0 0.0#



#21
2-Butanone
Concen: 2.474 ug/L
RT: 4.03 min Scan# 915
Delta R.T. 0.01 min
Lab File: VV011117.D
Acq: 29 May 2019 21:53

Tgt Ion: 43 Resp: 1542
Ion Ratio Lower Upper
43 100
72 17.0 10.7 31.9





#69

Naphthalene

Concen: 0.662 ug/L

RT: 13.55 min Scan# 3876

Delta R.T. 0.00 min

Lab File: VV011117.D

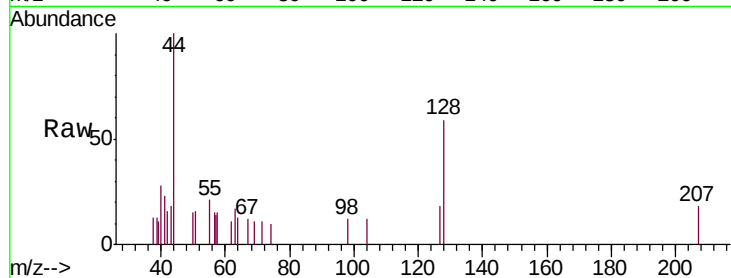
Acq: 29 May 2019 21:53

Instrument :

MSVOA_V

ClientSampleId :

A51E0



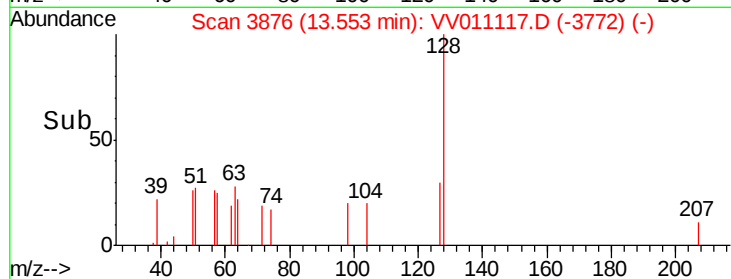
Tgt Ion:128 Resp: 1007

Ion Ratio Lower Upper

128 100

129 6.3 8.6 12.8#

127 14.9 10.2 15.4



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

