

Data File : VU036593.D
Acq On : 29 Jan 2020 15:24
Operator : JC/MD
Sample : L1271-10 20X
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAT01

Quant Time: Jan 30 02:51:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 30 02:48:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	321371	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	302584	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	157865	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	92683	38.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.00%
7) Chloroethane-d5	1.93	69	81448	39.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.88%
11) 1,1-Dichloroethene-d2	2.59	63	123145	31.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.28%
21) 2-Butanone-d5	4.67	46	128157	89.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.70%
24) Chloroform-d	5.11	84	161314	40.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.86%
26) 1,2-Dichloroethane-d4	5.74	65	101678	41.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.78%
32) Benzene-d6	5.76	84	365117	42.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.80%
36) 1,2-Dichloropropane-d6	6.73	67	112981	42.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.20%
41) Toluene-d8	7.93	98	354053	43.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.48%
43) trans-1,3-Dichloropropene-	8.21	79	54903	43.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.04%
47) 2-Hexanone-d5	8.66	63	116106	94.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.40%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	164152	42.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.18%
64) 1,2-Dichlorobenzene-d4	12.21	152	143263	42.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.58%

Target Compounds

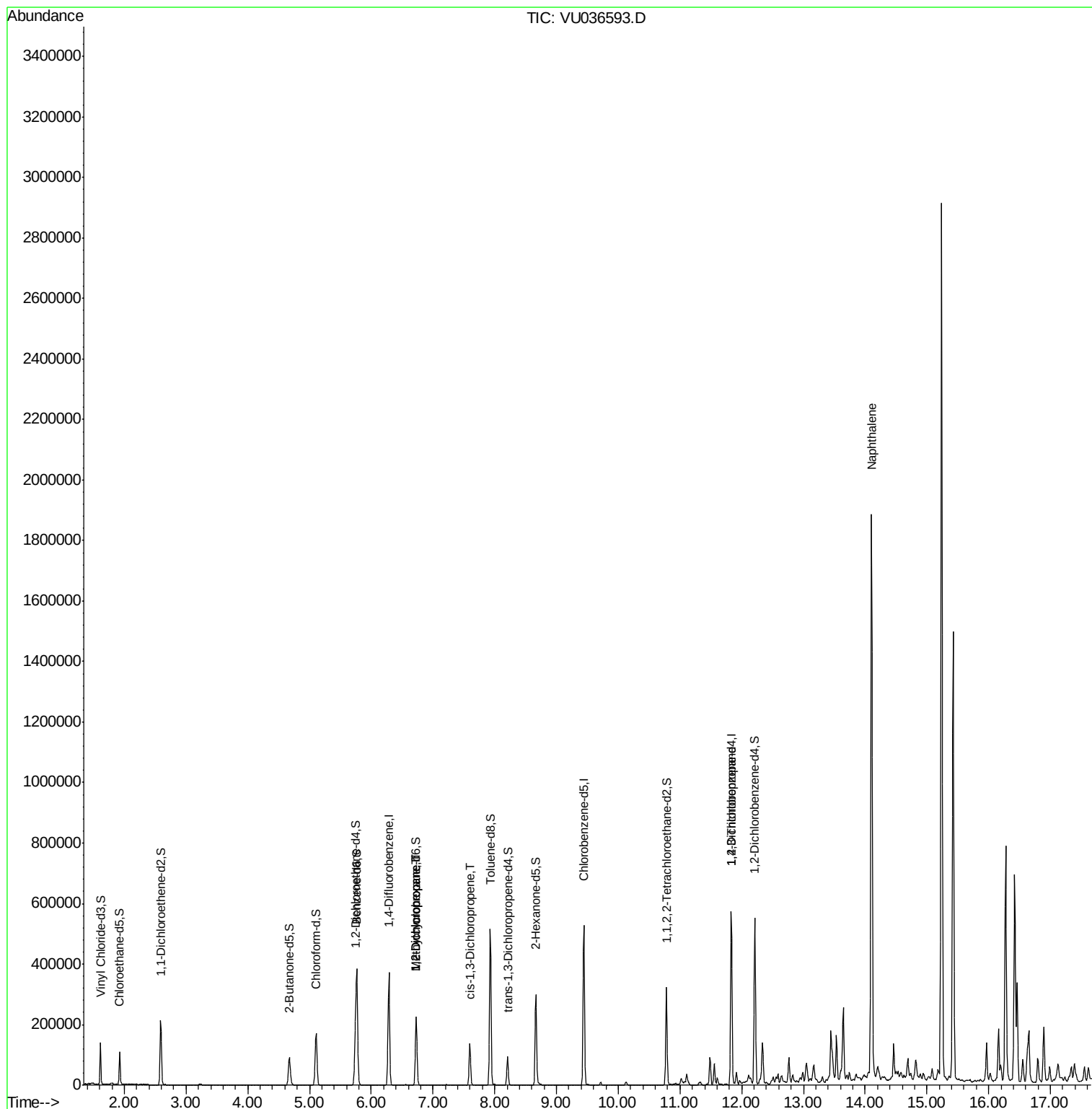
					Qvalue
35) Methylcyclohexane	6.73	83	25709	6.620 ug/L #	21
37) 1,2-Dichloropropane	6.73	63	11306	4.917 ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	2986	0.806 ug/L #	68
59) 1,2,3-Trichloropropane	11.83	75	16978	5.462 ug/L	93
69) Naphthalene	14.11	128	1509608	198.985 ug/L	99

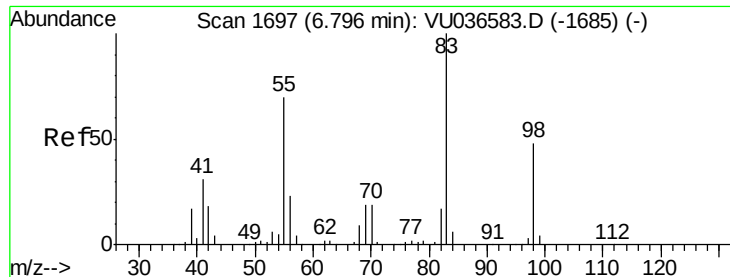
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 6.620 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.07 min

Lab File: VU036593.D

Acq: 29 Jan 2020 15:24

Instrument :

MSVOA_U

ClientSampleId :

GAT01

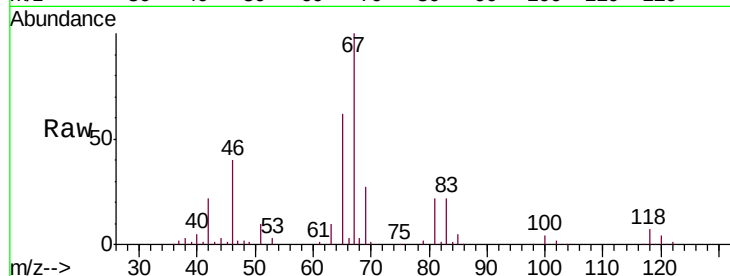
Tgt Ion: 83 Resp: 25709

Ion Ratio Lower Upper

83 100

55 0.0 56.1 84.1#

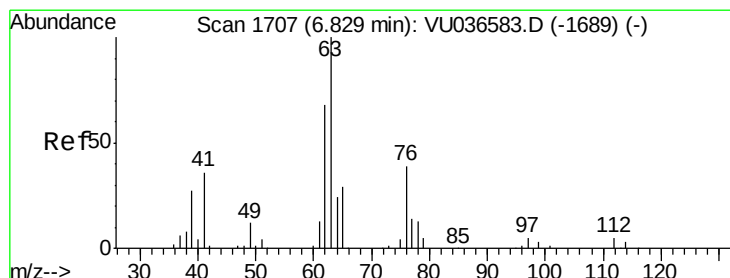
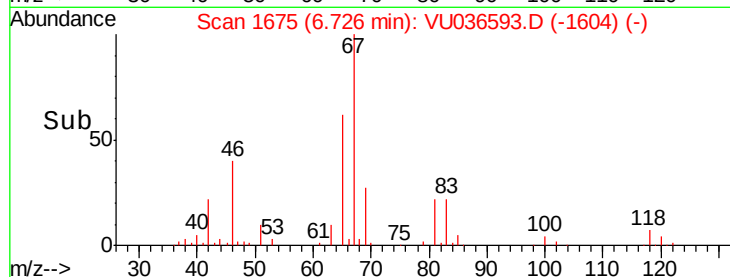
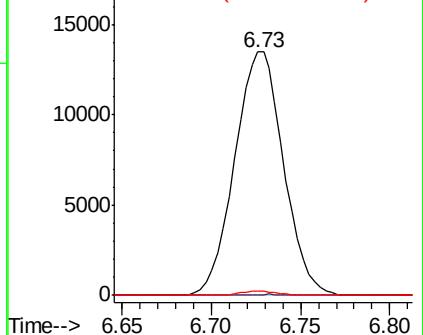
98 1.2 37.5 56.3#



Abundance Ion 83.00 (82.70 to 83.70): VU036593.D (-1675) (-)

Ion 55.00 (54.70 to 55.70): VU036593.D (-1675) (-)

Ion 98.00 (97.70 to 98.70): VU036593.D (-1675) (-)



#37

1,2-Dichloropropane

Concen: 4.917 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.10 min

Lab File: VU036593.D

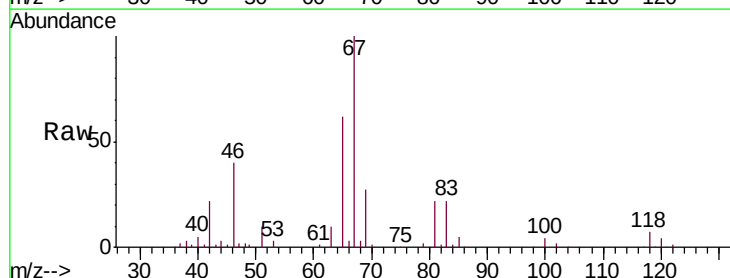
Acq: 29 Jan 2020 15:24

Tgt Ion: 63 Resp: 11306

Ion Ratio Lower Upper

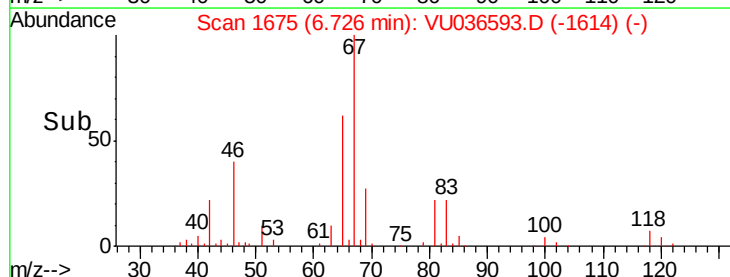
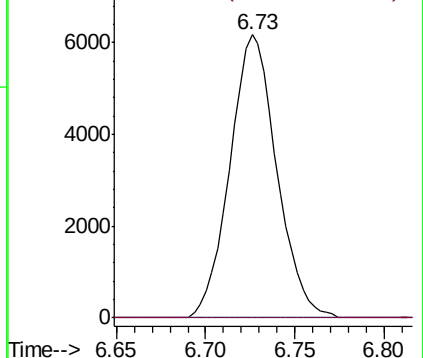
63 100

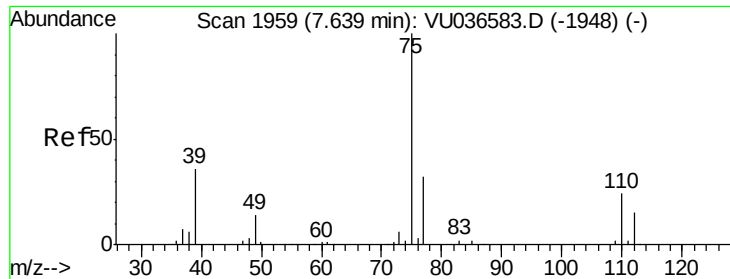
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VU036593.D (-1675) (-)

Ion 112.00 (111.70 to 112.70): VU036593.D (-1675) (-)

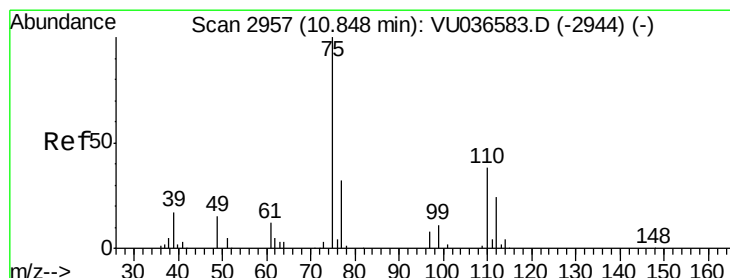
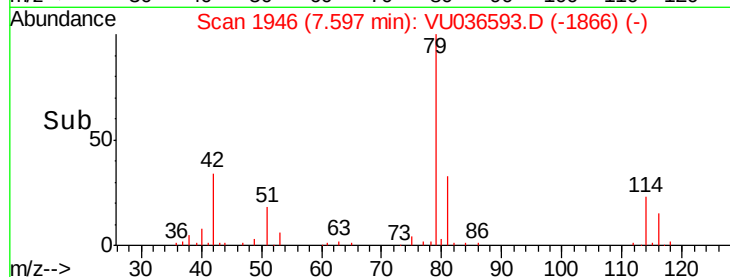
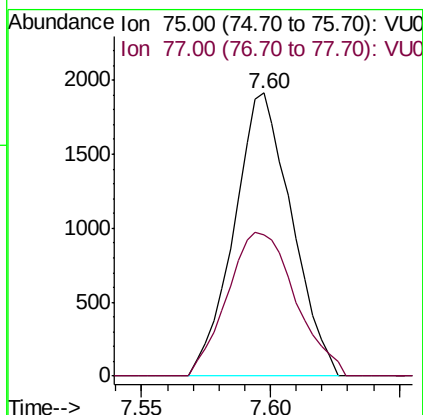
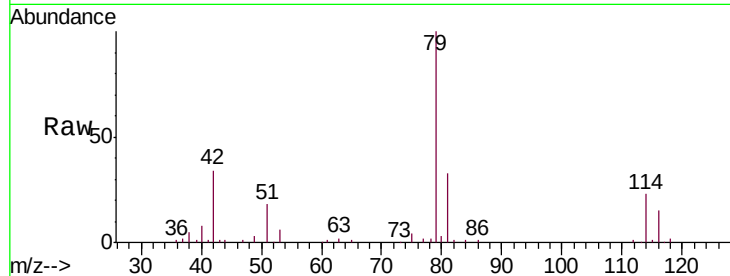




#39
 cis-1,3-Dichloropropene
 Concen: 0.806 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: VU036593.D
 Acq: 29 Jan 2020 15:24

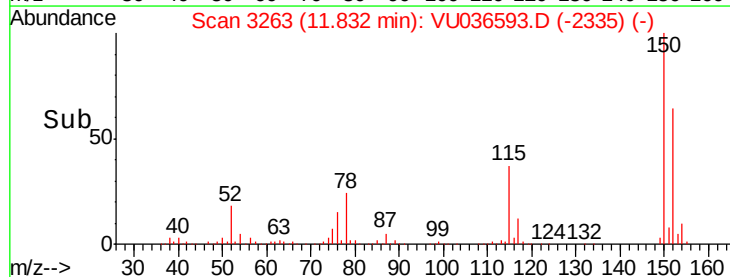
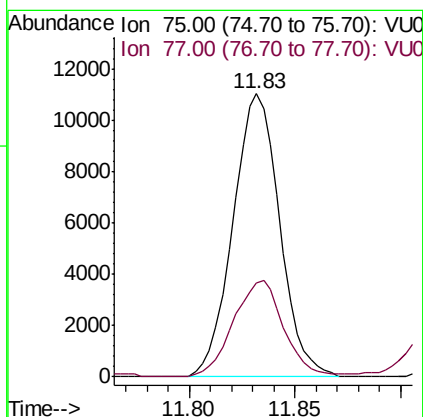
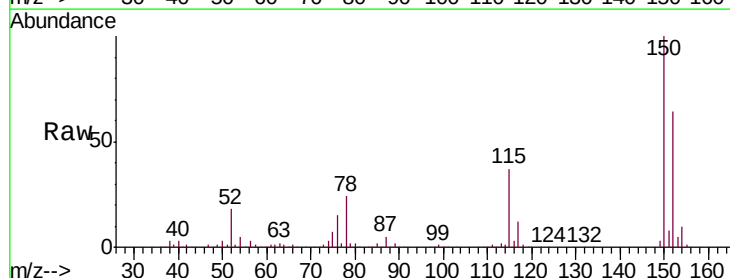
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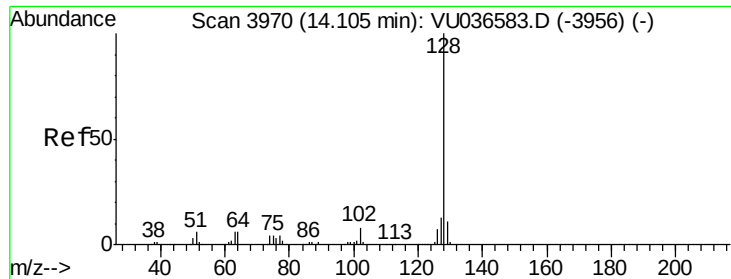
Tgt Ion: 75 Resp: 2986
 Ion Ratio Lower Upper
 75 100
 77 50.0 22.5 41.9#



#59
 1,2,3-Trichloropropane
 Concen: 5.462 ug/L
 RT: 11.83 min Scan# 3263
 Delta R.T. 0.98 min
 Lab File: VU036593.D
 Acq: 29 Jan 2020 15:24

Tgt Ion: 75 Resp: 16978
 Ion Ratio Lower Upper
 75 100
 77 36.7 26.2 39.2





#69

Naphthalene

Concen: 198.985 ug/L

RT: 14.11 min Scan# 3970

Delta R.T. 0.00 min

Lab File: VU036593.D

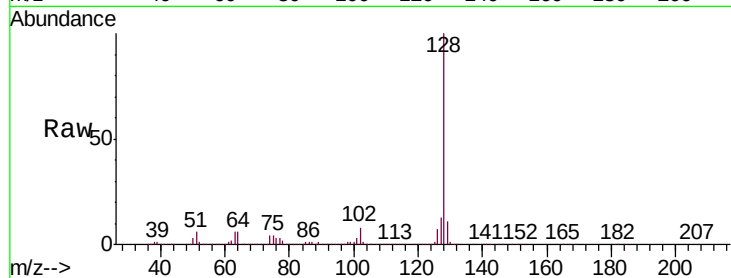
Acq: 29 Jan 2020 15:24

Instrument :

MSVOA_U

ClientSampleId :

GAT01



Tgt Ion:128 Resp: 1509608

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

129 11.2 8.6 12.8

