

Data File : VU036600.D
Acq On : 29 Jan 2020 18:09
Operator : JC/MD
Sample : L1271-11
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAT02

Quant Time: Jan 30 02:52:32 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	311218	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	303858	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	168627	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	88858	38.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.24%
7) Chloroethane-d5	1.89	69	21262	10.63	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	21.26%#
11) 1,1-Dichloroethene-d2	2.57	63	116029	30.78	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.56%
21) 2-Butanone-d5	4.68	46	126082	91.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.12%
24) Chloroform-d	5.11	84	156781	41.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.14%
26) 1,2-Dichloroethane-d4	5.74	65	101484	42.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.30%
32) Benzene-d6	5.76	84	363098	42.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.96%
36) 1,2-Dichloropropane-d6	6.73	67	114743	43.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.16%
41) Toluene-d8	7.93	98	352039	42.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.62%
43) trans-1,3-Dichloropropene-	8.21	79	56200	44.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.72%
47) 2-Hexanone-d5	8.68	63	141386	114.47	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.47%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	189141	48.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	157081	43.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.82%

Target Compounds

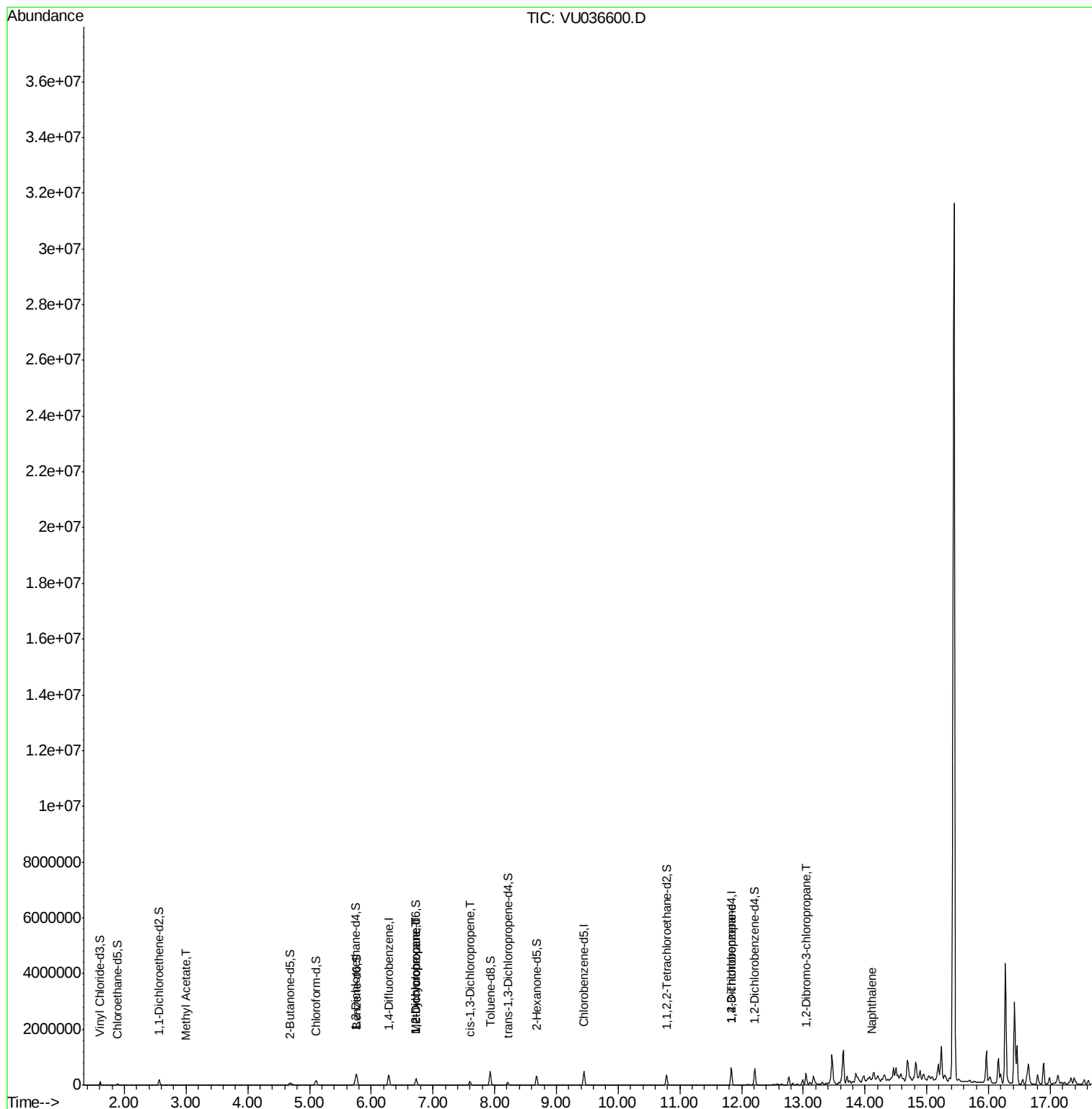
					Qvalue
15) Methyl Acetate	2.99	43	1781	0.850 ug/L #	80
35) Methylcyclohexane	6.73	83	26443	6.780 ug/L #	21
37) 1,2-Dichloropropane	6.73	63	11690	5.063 ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	3153	0.848 ug/L #	63
59) 1,2,3-Trichloropropane	11.83	75	19560	6.267 ug/L	97
66) 1,2-Dibromo-3-chloropropan	13.05	75	2081	2.247 ug/L #	7
69) Naphthalene	14.10	128	52375	6.463 ug/L #	93

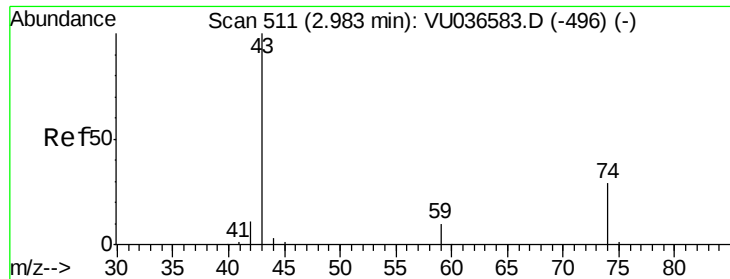
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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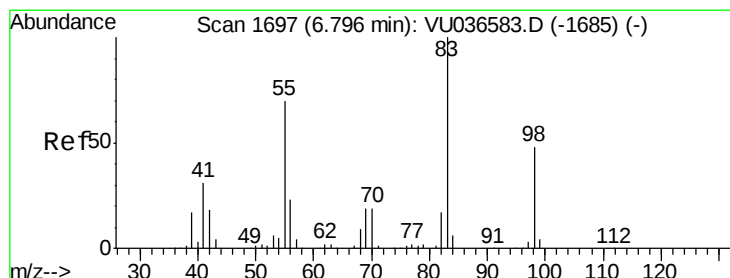
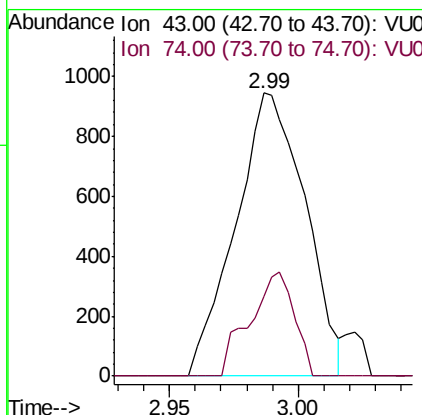
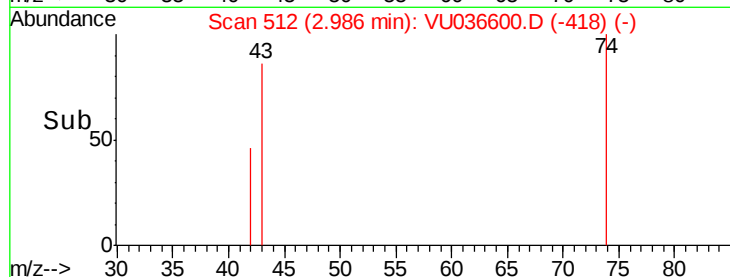
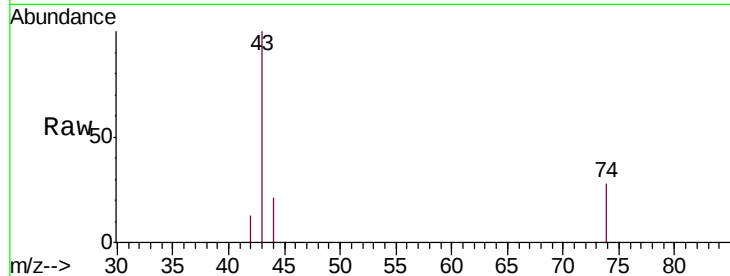




#15
Methyl Acetate
Concen: 0.850 ug/L
RT: 2.99 min Scan# 512
Delta R.T. 0.00 min
Lab File: VU036600.D
Acq: 29 Jan 2020 18:09

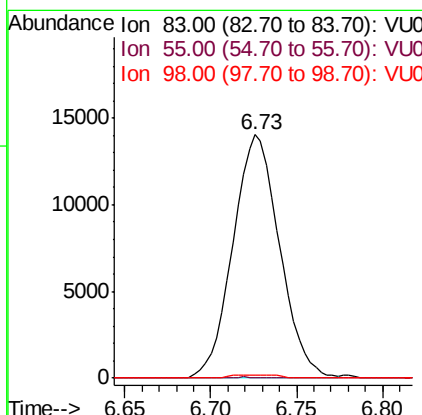
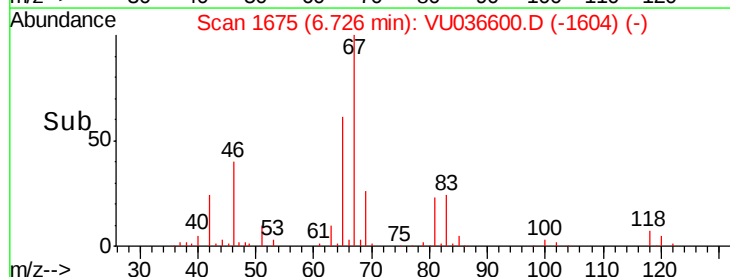
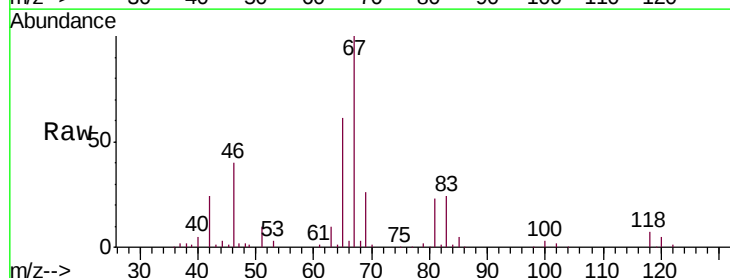
Instrument :
MSVOA_U
ClientSampleId :
GAT02

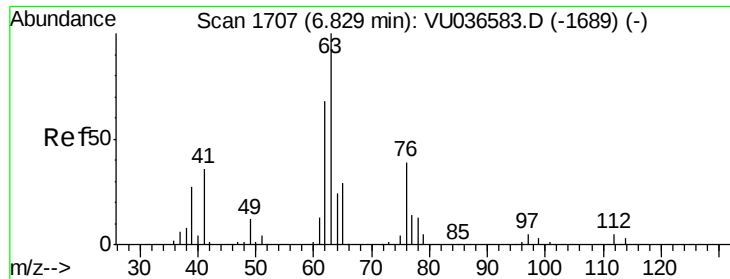
Tgt Ion: 43 Resp: 1781
Ion Ratio Lower Upper
43 100
74 18.5 23.3 34.9#



#35
Methylcyclohexane
Concen: 6.780 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036600.D
Acq: 29 Jan 2020 18:09

Tgt Ion: 83 Resp: 26443
Ion Ratio Lower Upper
83 100
55 0.0 56.1 84.1#
98 0.8 37.5 56.3#

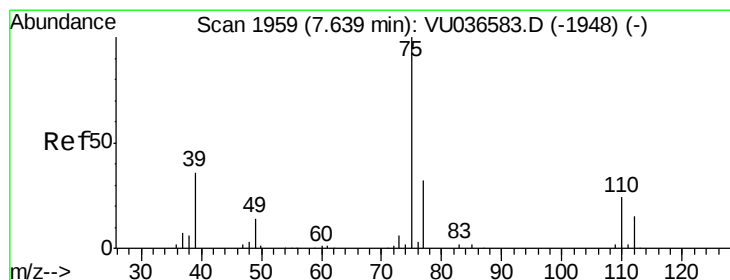
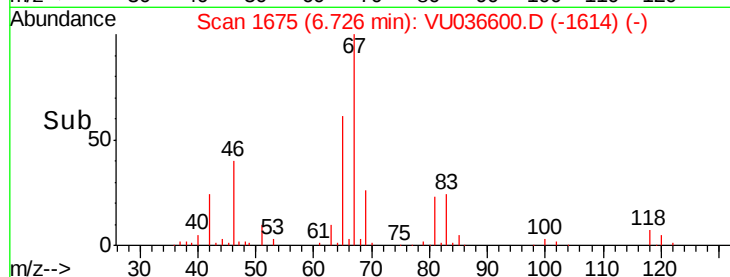
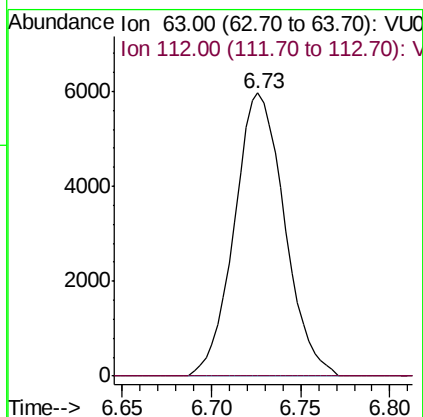
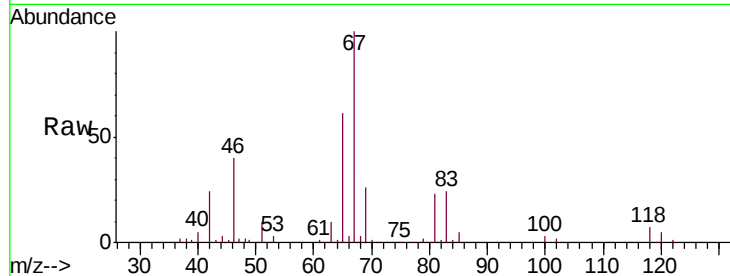




#37
 1,2-Dichloropropane
 Concen: 5.063 ug/L
 RT: 6.73 min Scan# 1675
 Delta R.T. -0.10 min
 Lab File: VU036600.D
 Acq: 29 Jan 2020 18:09

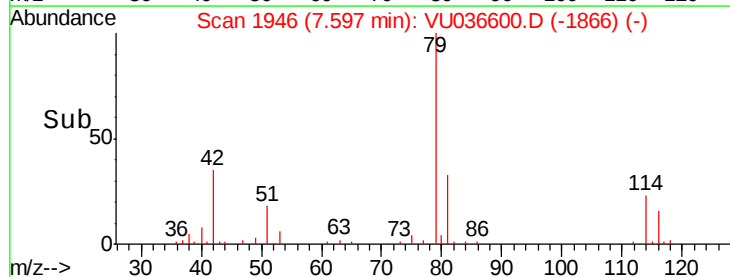
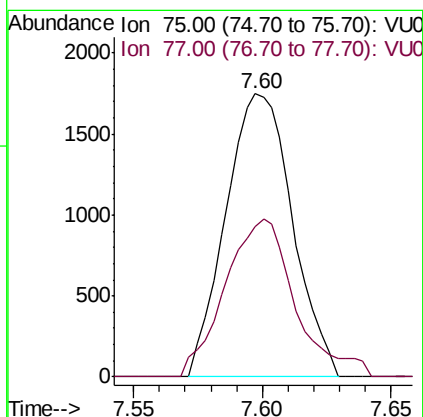
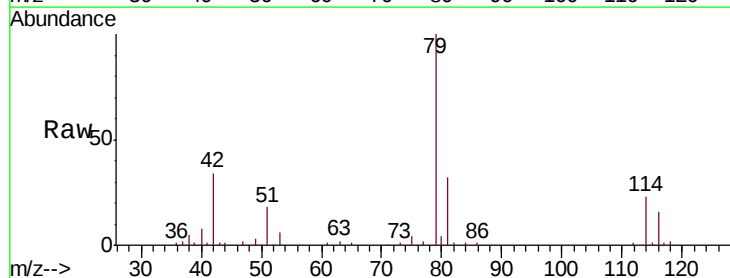
Instrument :
 MSVOA_U
 ClientSampleId :
 GAT02

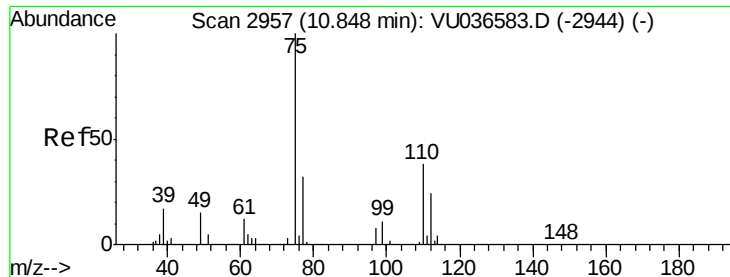
Tgt Ion: 63 Resp: 11690
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.848 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: VU036600.D
 Acq: 29 Jan 2020 18:09

Tgt Ion: 75 Resp: 3153
 Ion Ratio Lower Upper
 75 100
 77 53.0 22.5 41.9#





#59

1,2,3-Trichloropropane

Concen: 6.267 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.99 min

Lab File: VU036600.D

Acq: 29 Jan 2020 18:09

Instrument :

MSVOA_U

ClientSampled :

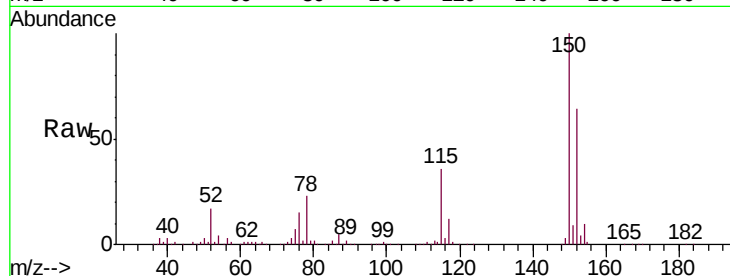
GAT02

Tgt Ion: 75 Resp: 19560

Ion Ratio Lower Upper

75 100

77 34.3 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

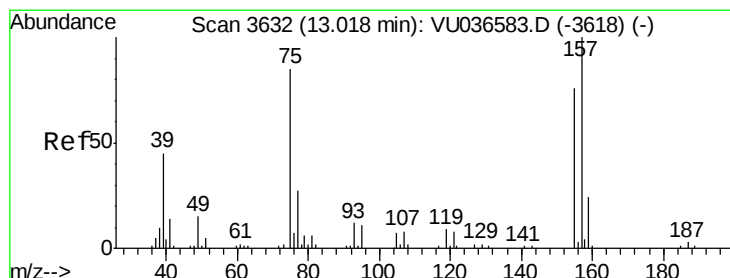
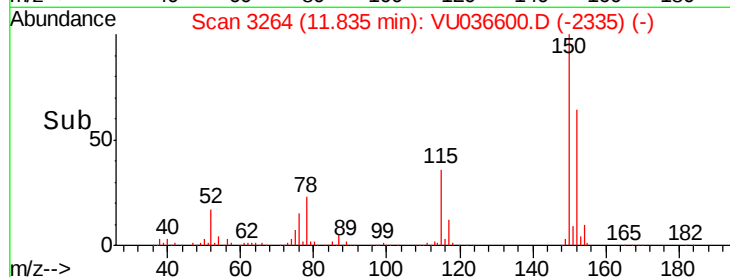
11.83

10000

5000

0

Time-->



#66

1,2-Dibromo-3-chloropropane

Concen: 2.247 ug/L

RT: 13.05 min Scan# 3641

Delta R.T. 0.03 min

Lab File: VU036600.D

Acq: 29 Jan 2020 18:09

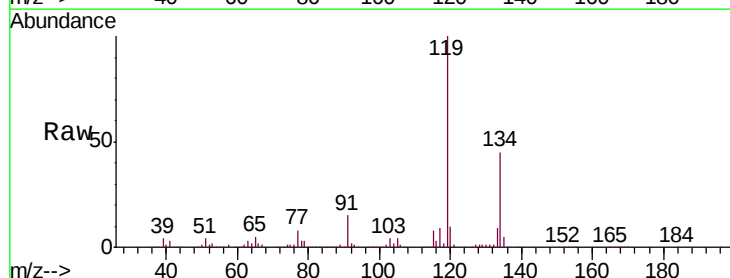
Tgt Ion: 75 Resp: 2081

Ion Ratio Lower Upper

75 100

155 21.8 73.4 110.2#

157 0.0 96.8 145.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

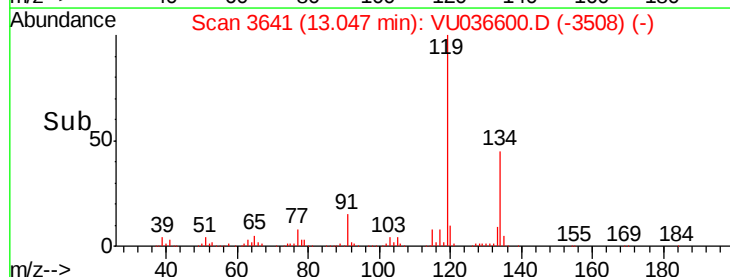
1500

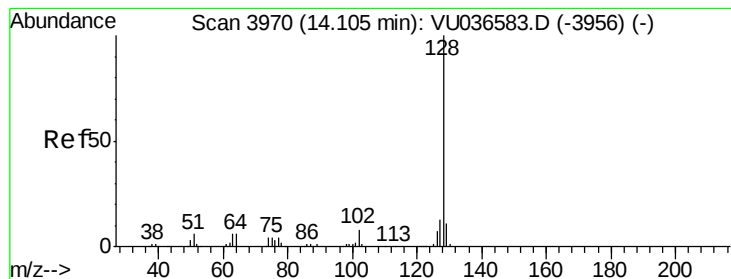
1000

500

0

Time-->





#69

Naphthalene

Concen: 6.463 ug/L

RT: 14.10 min Scan# 3969

Delta R.T. -0.00 min

Lab File: VU036600.D

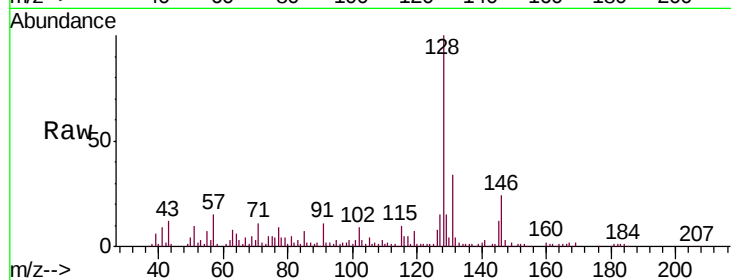
Acq: 29 Jan 2020 18:09

Instrument :

MSVOA_U

ClientSampleId :

GAT02



Tgt Ion:128 Resp: 52375

Ion Ratio Lower Upper

128 100

127 10.3 10.6 15.8#

129 8.1 8.6 12.8#

