

Data File : VU036594.D
Acq On : 29 Jan 2020 15:47
Operator : JC/MD
Sample : L1271-17 20X
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAT08

Quant Time: Jan 30 02:51:51 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	316856	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	295053	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	144107	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	100131	42.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.38%
7) Chloroethane-d5	1.93	69	86525	42.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.98%
11) 1,1-Dichloroethene-d2	2.59	63	132296	34.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.96%
21) 2-Butanone-d5	4.67	46	146787	104.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.20%
24) Chloroform-d	5.11	84	167293	43.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.10%
26) 1,2-Dichloroethane-d4	5.75	65	109734	45.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.60%
32) Benzene-d6	5.77	84	386974	46.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.26%
36) 1,2-Dichloropropane-d6	6.73	67	122083	47.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.40%
41) Toluene-d8	7.93	98	376187	47.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.22%
43) trans-1,3-Dichloropropene-	8.21	79	58296	47.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.78%
47) 2-Hexanone-d5	8.66	63	133033	110.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.92%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	180105	47.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.72%
64) 1,2-Dichlorobenzene-d4	12.21	152	144754	46.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.62%

Target Compounds

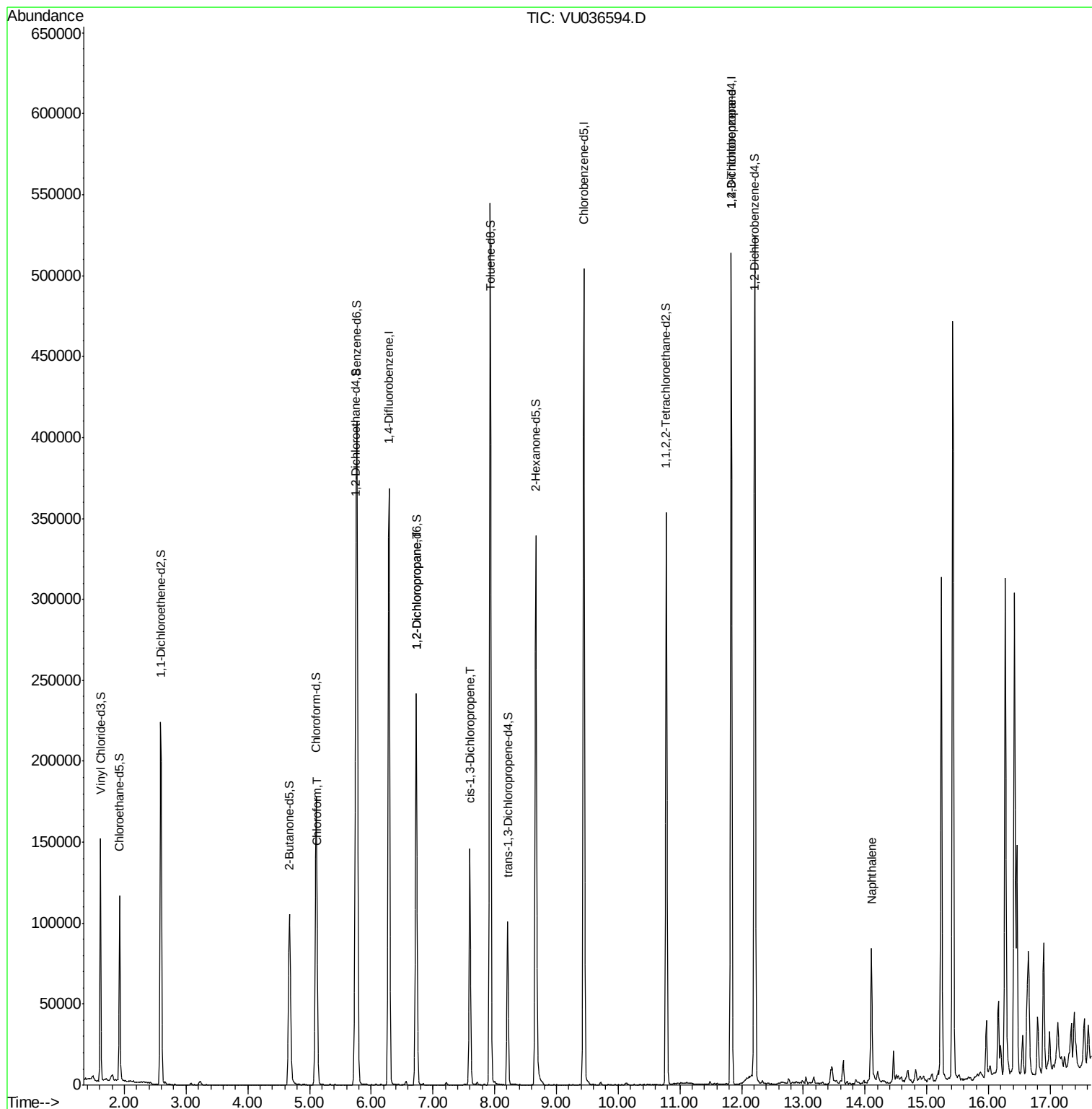
					Qvalue
25) Chloroform	5.13	83	3316	0.857 ug/L	80
37) 1,2-Dichloropropane	6.73	63	12364	5.515 ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	3351	0.928 ug/L #	60
59) 1,2,3-Trichloropropane	11.83	75	16012	5.283 ug/L	96
69) Naphthalene	14.10	128	67268	9.713 ug/L	99

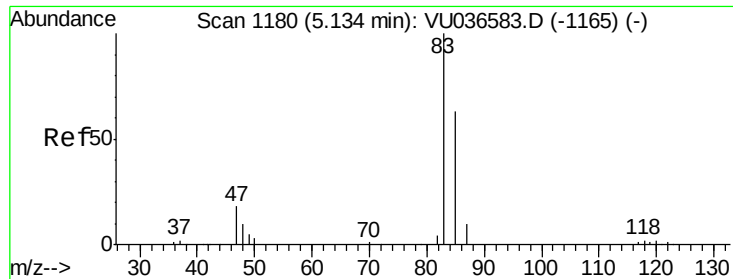
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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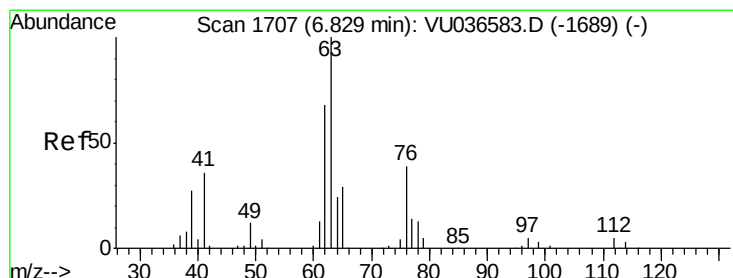
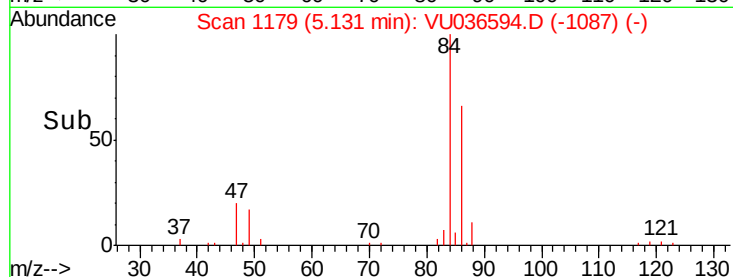
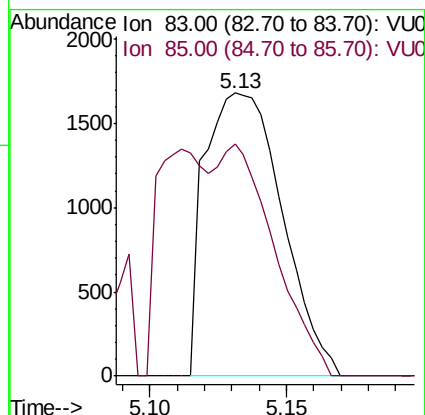
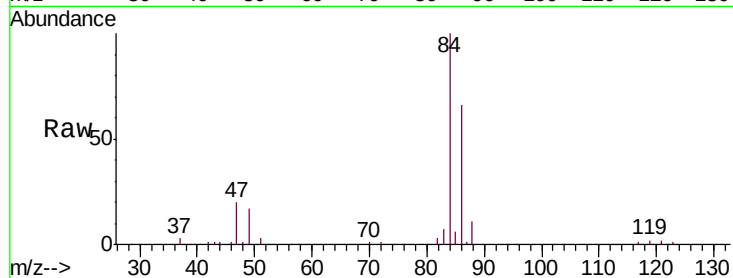




#25
Chloroform
Concen: 0.857 ug/L
RT: 5.13 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VU036594.D
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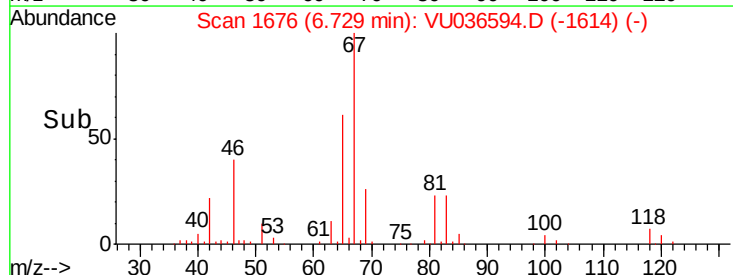
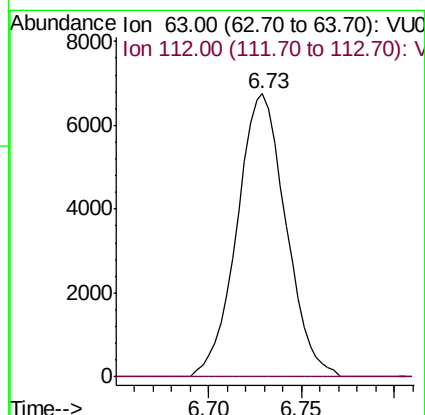
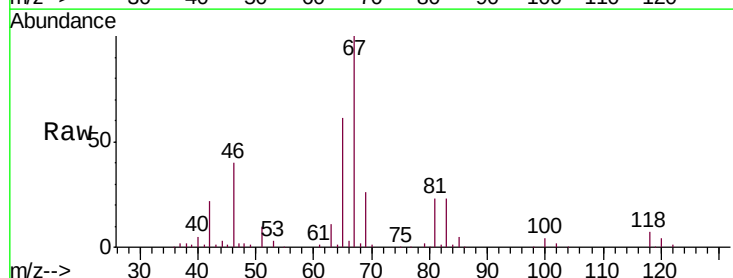
Instrument :
MSVOA_U
ClientSampleId :
GAT08

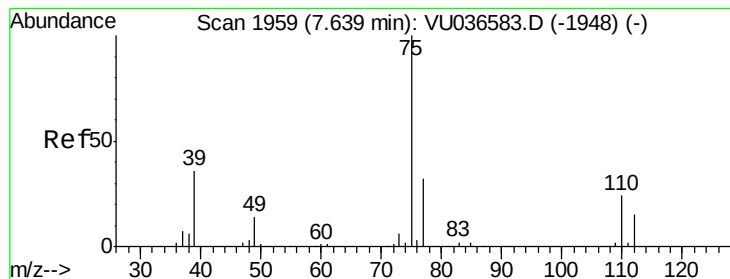
Tgt Ion: 83 Resp: 3316
Ion Ratio Lower Upper
83 100
85 82.1 46.3 85.9



#37
1,2-Dichloropropane
Concen: 5.515 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.10 min
Lab File: VU036594.D
Acq: 29 Jan 2020 15:47

Tgt Ion: 63 Resp: 12364
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.928 ug/L

RT: 7.60 min Scan# 1946

Delta R.T. -0.04 min

Lab File: VU036594.D

Acq: 29 Jan 2020 15:47

Instrument :

MSVOA_U

ClientSampleId :

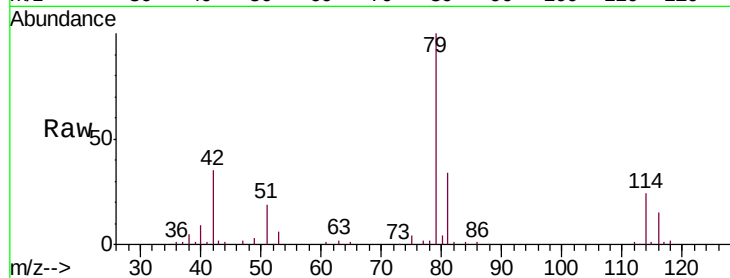
GAT08

Tgt Ion: 75 Resp: 3351

Ion Ratio Lower Upper

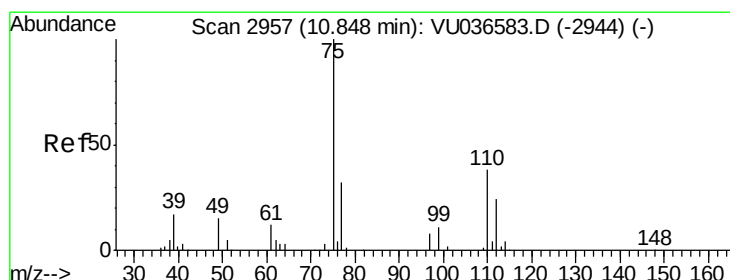
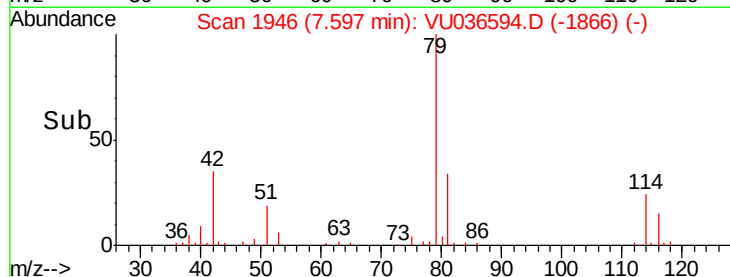
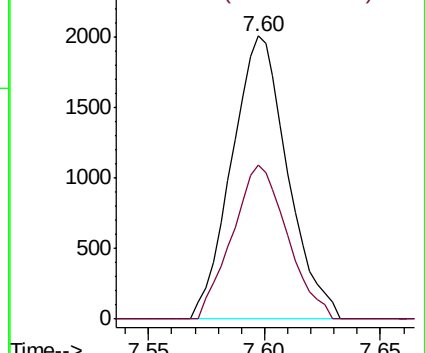
75 100

77 54.4 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 5.283 ug/L

RT: 11.83 min Scan# 3263

Delta R.T. 0.98 min

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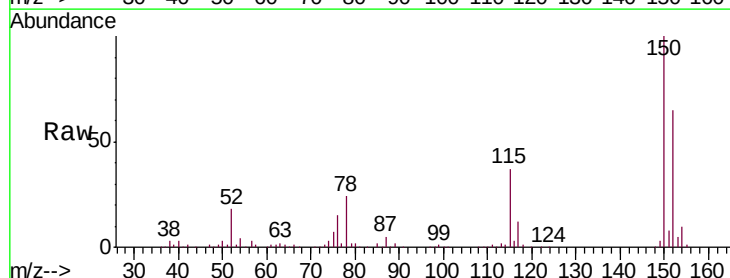
Acq: 29 Jan 2020 15:47

Tgt Ion: 75 Resp: 16012

Ion Ratio Lower Upper

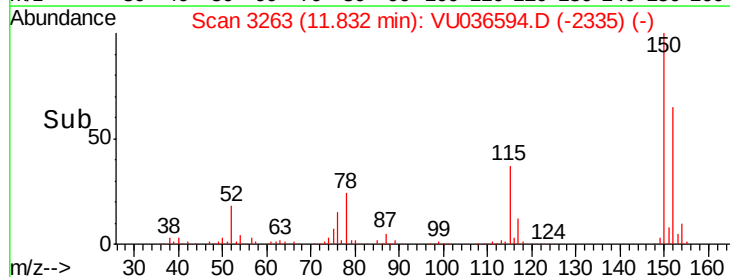
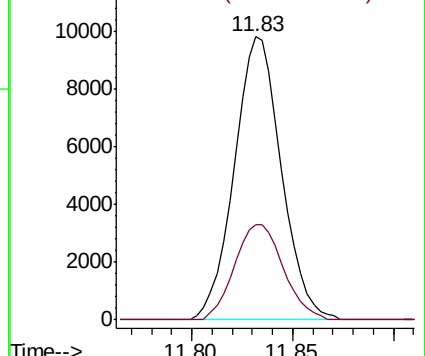
75 100

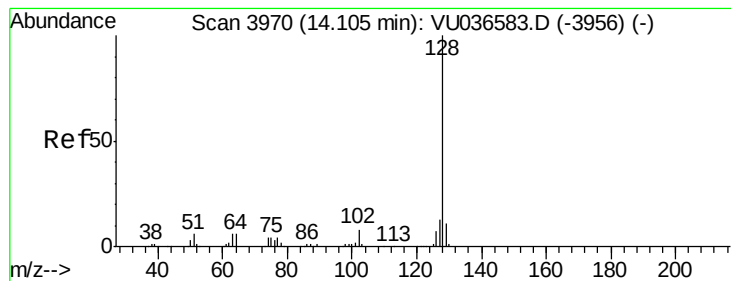
77 34.9 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#69

Naphthalene

Concen: 9.713 ug/L

RT: 14.10 min Scan# 3970

Delta R.T. 0.00 min

Lab File: VU036594.D

Acq: 29 Jan 2020 15:47

Instrument :

MSVOA_U

ClientSampleId :

GAT08

Tgt Ion:128 Resp: 67268

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 11.1 8.6 12.8

