

Data File : VU031655.D
Acq On : 01 May 2019 00:15
Operator : JC/SP
Sample : K2604-11
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ85

Quant Time: May 01 04:45:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 01 04:42:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	840974	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	789030	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	296110	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	260059	36.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.90%
7) Chloroethane-d5	1.68	69	160542	29.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	59.04%#
11) 1,1-Dichloroethene-d2	2.24	63	390191	27.84	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.68%#
21) 2-Butanone-d5	4.21	46	411888	64.59	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	64.59%
24) Chloroform-d	4.64	84	456038	35.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.76%
26) 1,2-Dichloroethane-d4	5.31	65	325740	38.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.36%
32) Benzene-d6	5.33	84	892381	36.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.66%
36) 1,2-Dichloropropane-d6	6.33	67	326039	38.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	76.50%
41) Toluene-d8	7.56	98	723185	34.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	68.54%#
43) trans-1,3-Dichloropropene-	7.86	79	122118	33.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.74%
47) 2-Hexanone-d5	8.34	63	304822	82.62	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.62%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	409054	35.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	71.52%
64) 1,2-Dichlorobenzene-d4	11.86	152	221610	35.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.18%#

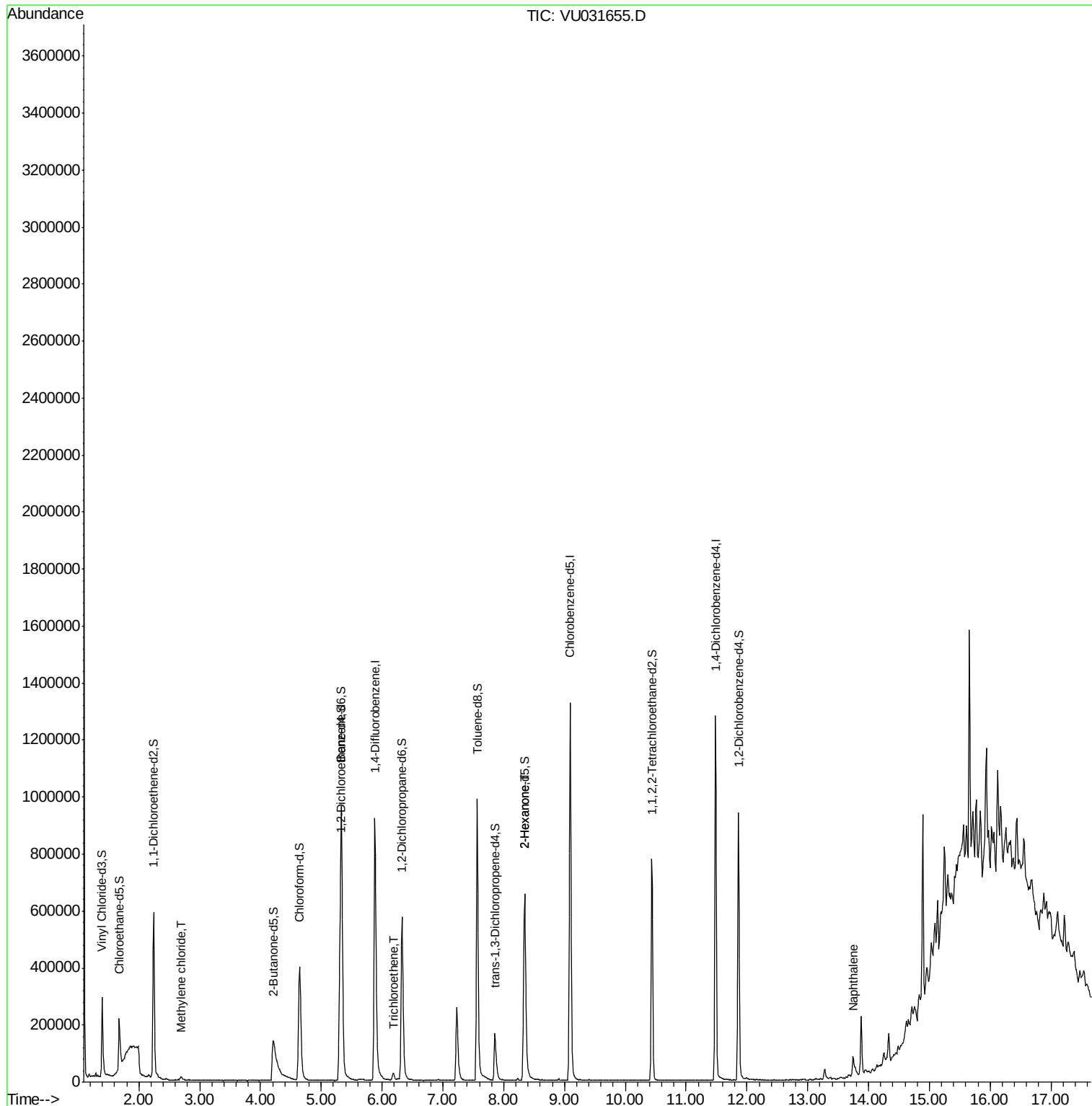
Target Compounds					Qvalue
16) Methylene chloride	2.69	84	5585	0.721 ug/L	88
34) Trichloroethene	6.18	95	8748	1.244 ug/L	88
48) 2-Hexanone	8.35	43	42881	4.184 ug/L #	72
69) Naphthalene	13.75	128	67780	3.421 ug/L	98

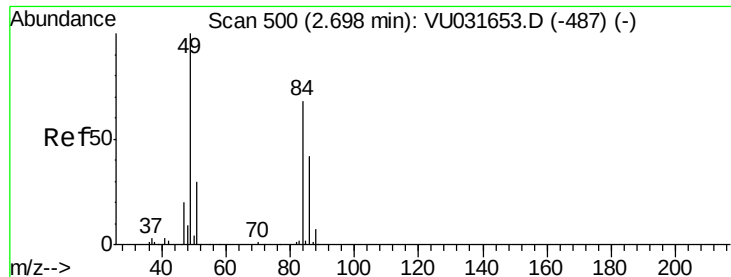
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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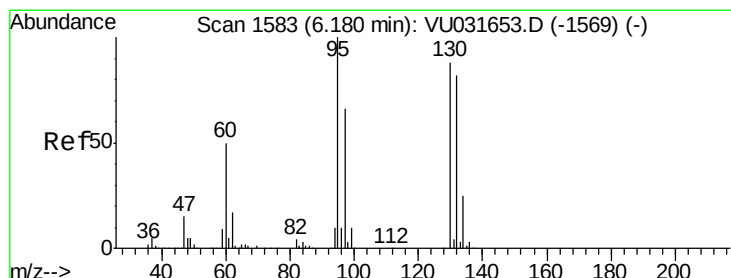
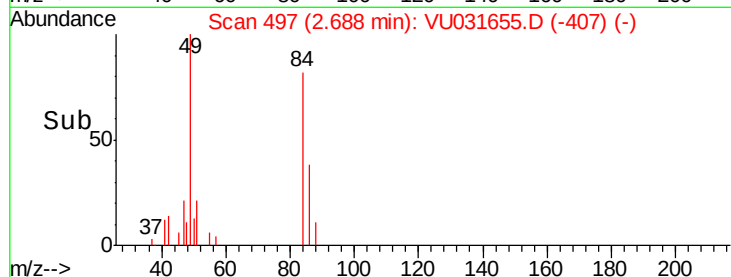
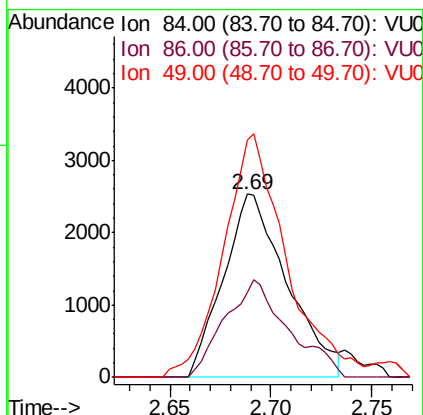
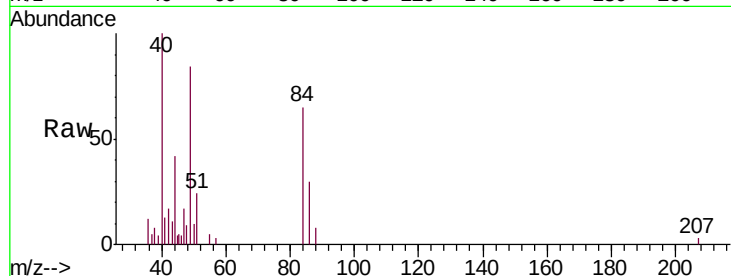




#16
Methylene chloride
Concen: 0.721 ug/L
RT: 2.69 min Scan# 497
Delta R.T. -0.01 min
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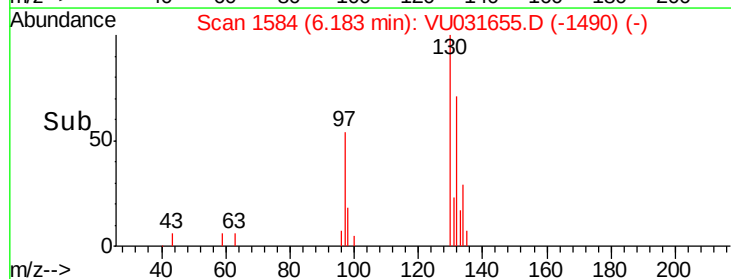
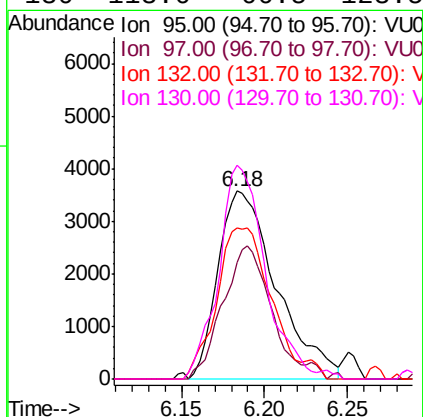
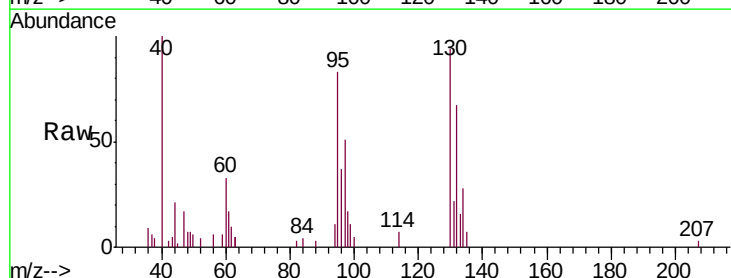
Instrument :
MSVOA_U
ClientSampleId :
GAJ85

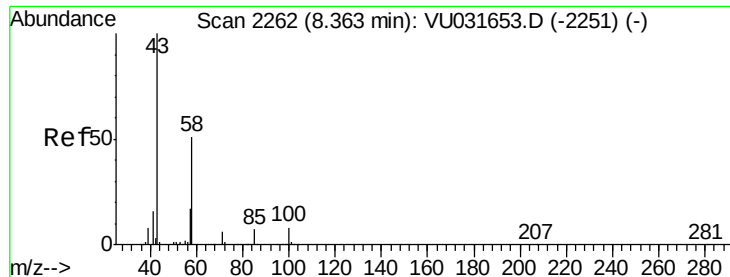
Tgt Ion: 84 Resp: 5585
Ion Ratio Lower Upper
84 100
86 46.7 44.7 83.1
49 129.7 96.5 179.3



#34
Trichloroethene
Concen: 1.244 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU031655.D
Acq: 01 May 2019 00:15

Tgt Ion: 95 Resp: 8748
Ion Ratio Lower Upper
95 100
97 61.9 44.8 83.2
132 80.5 63.1 117.1
130 113.6 66.5 123.5





#48

2-Hexanone

Concen: 4.184 ug/L

RT: 8.35 min Scan# 2257

Delta R.T. -0.02 min

Lab File: VU031655.D

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Instrument :

MSVOA_U

ClientSampleId :

GAJ85

Tgt Ion: 43 Resp: 42881

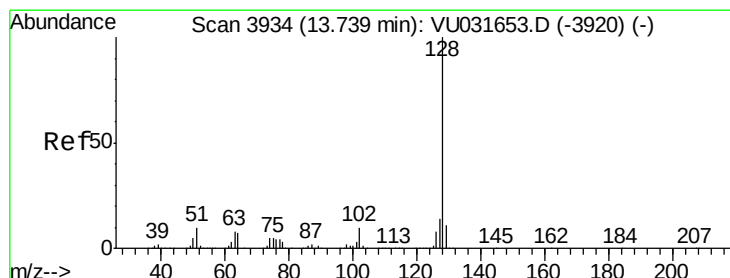
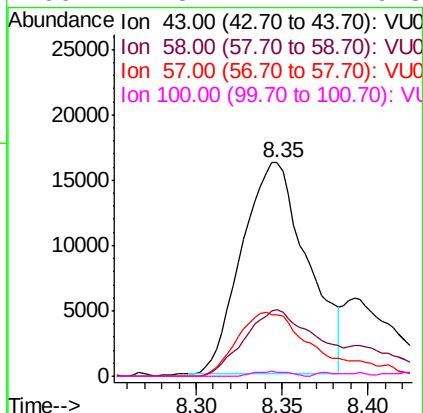
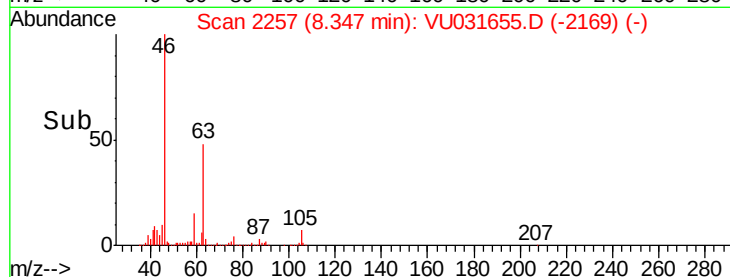
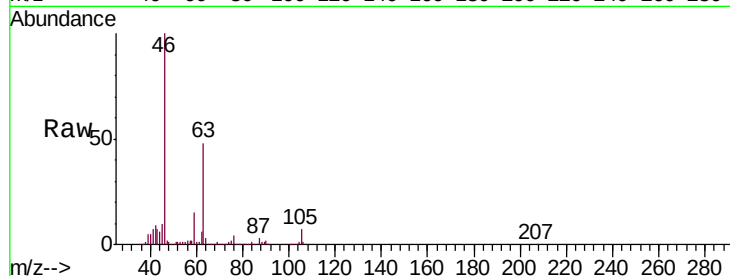
Ion Ratio Lower Upper

43 100

58 34.2 42.1 63.1#

57 35.1 14.6 22.0#

100 1.3 7.2 10.8#



#69

Naphthalene

Concen: 3.421 ug/L

RT: 13.75 min Scan# 3937

Delta R.T. 0.01 min

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Tgt Ion: 128 Resp: 67780

Ion Ratio Lower Upper

128 100

127 12.0 10.6 15.8

129 10.3 8.7 13.1

