

Data File : VU030643.D
Acq On : 03 Apr 2019 21:22
Operator : JC/SP
Sample : K2166-16ME
Misc : 5.64g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0M6ME

Quant Time: Apr 04 06:58:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 06:52:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	942922	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	923057	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	468209	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	164878	21.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	43.46%#
7) Chloroethane-d5	1.64	69	105484	17.54	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	35.08%#
11) 1,1-Dichloroethene-d2	2.24	63	240048	16.68	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	33.36%#
21) 2-Butanone-d5	4.19	46	301962	42.33	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	42.33%
24) Chloroform-d	4.64	84	262983	20.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	40.22%#
26) 1,2-Dichloroethane-d4	5.30	65	184682	21.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	43.18%#
32) Benzene-d6	5.33	84	600761	22.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	45.40%#
36) 1,2-Dichloropropane-d6	6.32	67	201982	22.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	44.60%#
41) Toluene-d8	7.56	98	524106	22.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	44.10%#
43) trans-1,3-Dichloropropene-	7.85	79	88310	20.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	41.48%#
47) 2-Hexanone-d5	8.32	63	216900	44.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	44.19%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	292774	22.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	45.18%#
64) 1,2-Dichlorobenzene-d4	11.86	152	200257	21.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	42.70%#

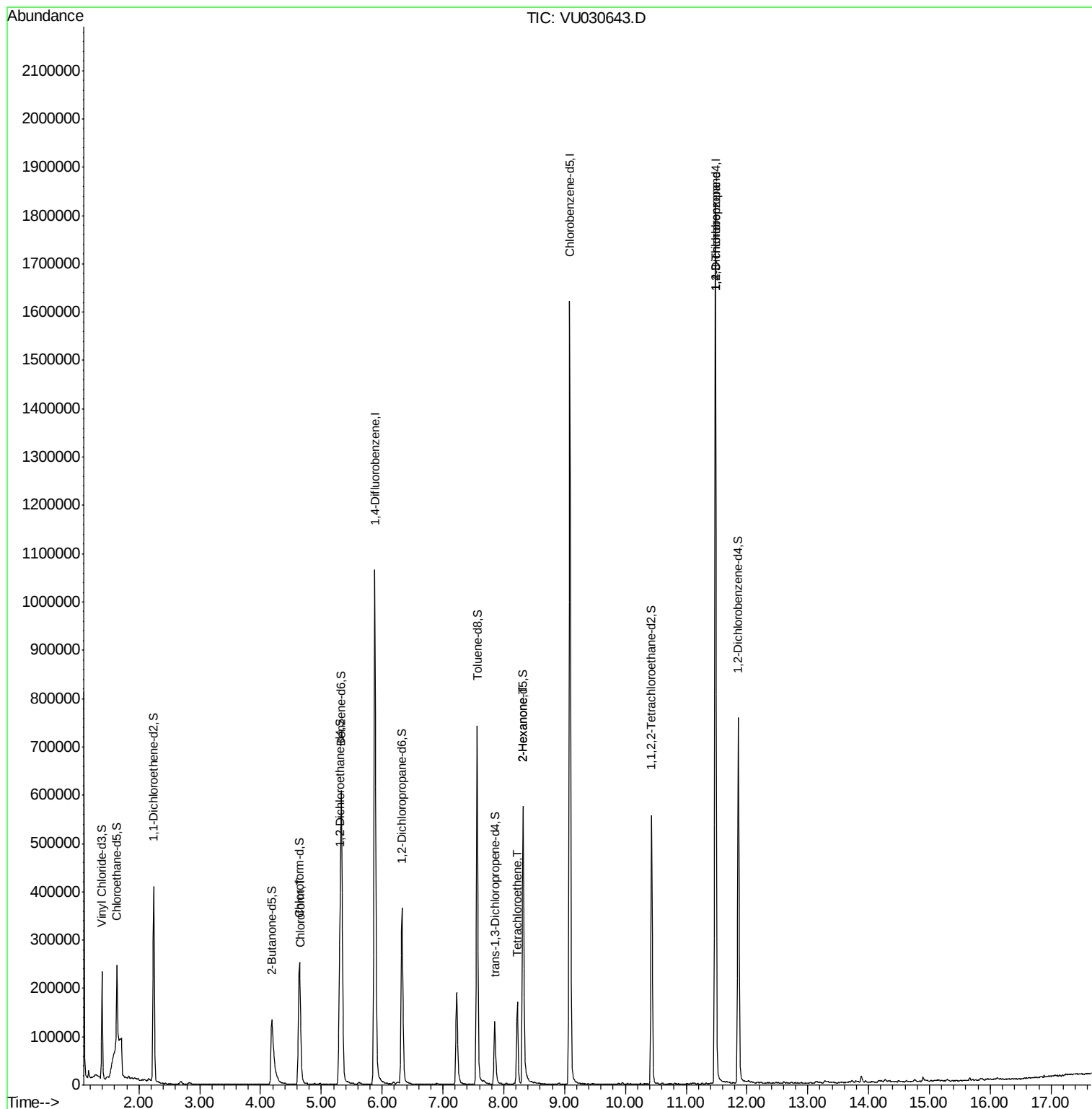
Target Compounds					Qvalue
25) Chloroform	4.66	83	10347	0.749 ug/L	87
46) Tetrachloroethene	8.22	164	40047	7.423 ug/L	95
48) 2-Hexanone	8.32	43	25304	2.061 ug/L #	66
59) 1,2,3-Trichloropropane	11.48	75	60239	5.550 ug/L	95

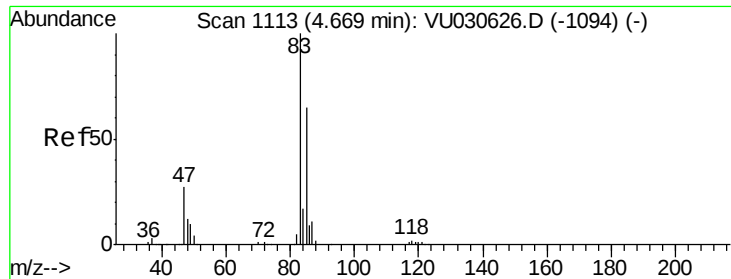
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 0.749 ug/L

RT: 4.66 min Scan# 1111

Delta R.T. -0.01 min

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ClientSampleId :

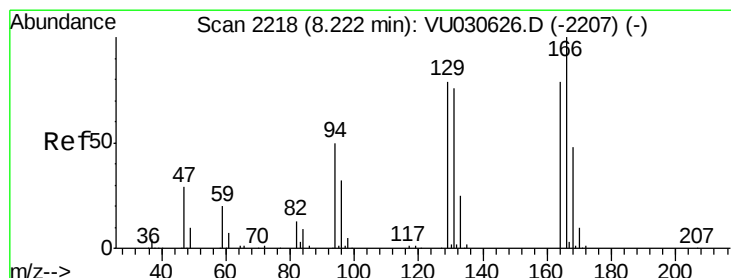
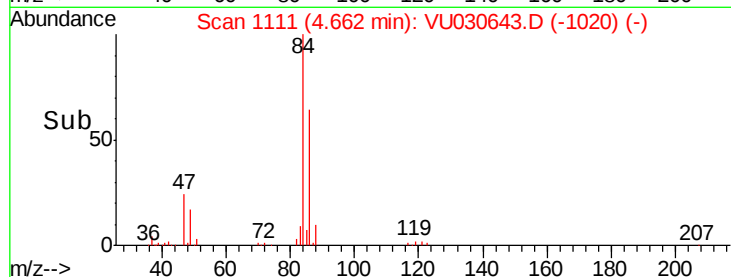
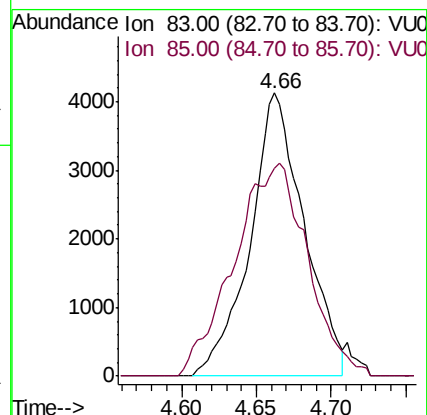
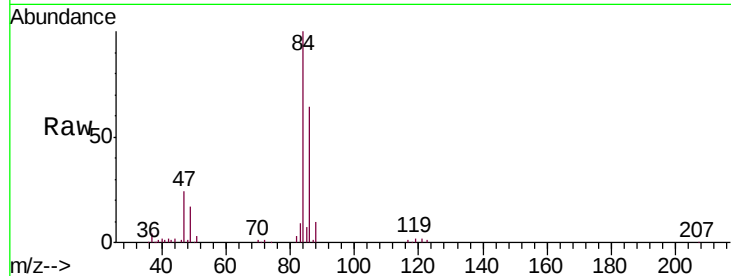
BF0M6ME

Tgt Ion: 83 Resp: 10347

Ion Ratio Lower Upper

83 100

85 73.5 44.4 82.4



#46

Tetrachloroethene

Concen: 7.423 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

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Tgt Ion: 164 Resp: 40047

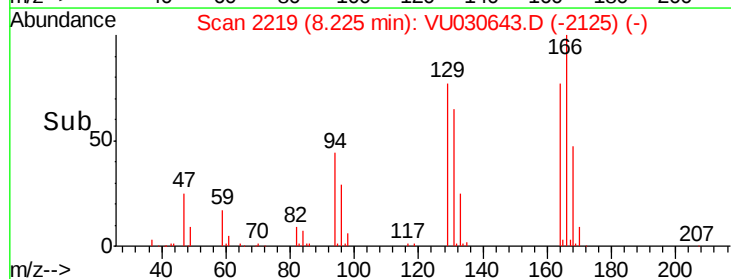
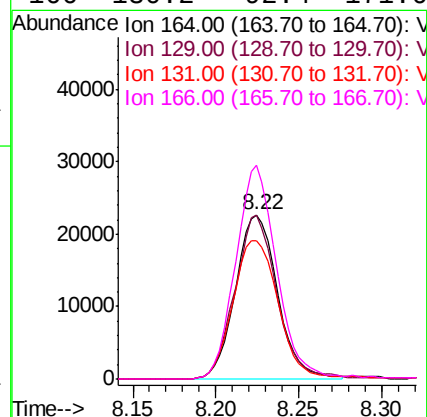
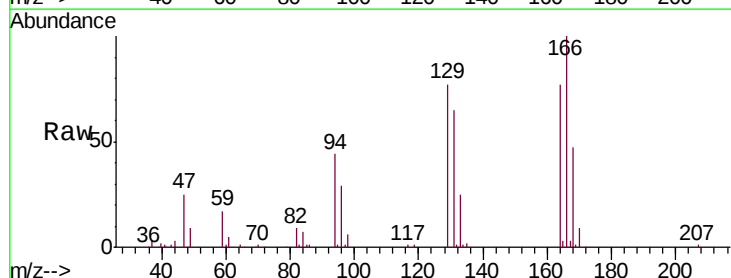
Ion Ratio Lower Upper

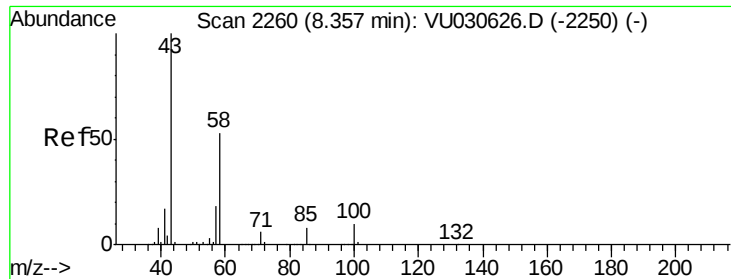
164 100

129 100.2 68.1 126.5

131 84.5 67.7 125.7

166 130.2 92.4 171.6





#48

2-Hexanone

Concen: 2.061 ug/L

RT: 8.32 min Scan# 2248

Delta R.T. -0.04 min

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ClientSampleId :

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Tgt Ion: 43 Resp: 25304

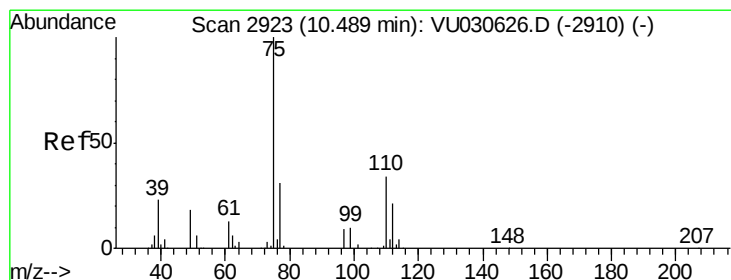
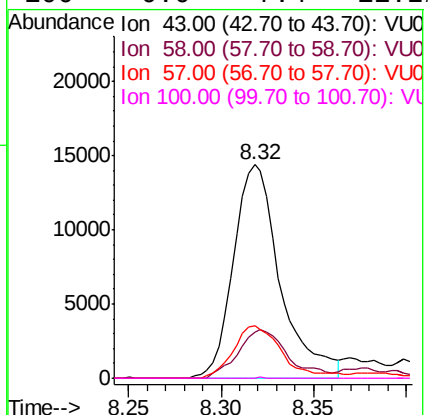
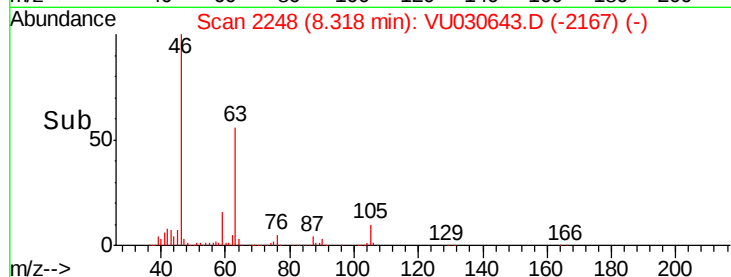
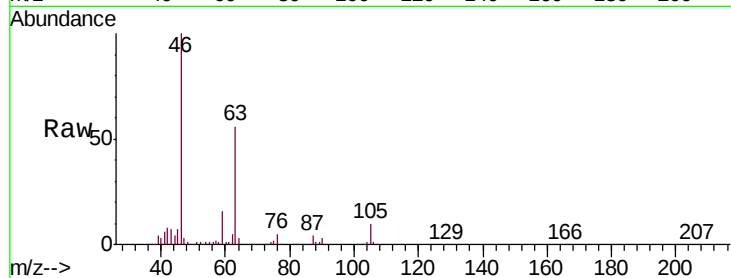
Ion Ratio Lower Upper

43 100

58 22.5 42.5 63.7#

57 24.6 15.0 22.6#

100 0.0 7.4 11.2#



#59

1,2,3-Trichloropropane

Concen: 5.550 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

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Tgt Ion: 75 Resp: 60239

Ion Ratio Lower Upper

75 100

77 34.8 25.4 38.2

