

Data File : VU030035.D
Acq On : 13 Mar 2019 17:31
Operator : JC/SP
Sample : K1838-16
Misc : 5.73g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF178

Quant Time: Mar 14 03:53:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 14 03:50:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	627805	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	625982	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	340191	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	104401	25.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	50.28%#
7) Chloroethane-d5	1.64	69	50481	15.06	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	30.12%#
11) 1,1-Dichloroethene-d2	2.23	63	142804	19.05	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	38.10%#
21) 2-Butanone-d5	4.19	46	190197	61.13	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	61.13%
24) Chloroform-d	4.64	84	211239	28.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	56.72%#
26) 1,2-Dichloroethane-d4	5.30	65	128746	29.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	59.84%#
32) Benzene-d6	5.33	84	440540	27.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	54.68%#
36) 1,2-Dichloropropane-d6	6.32	67	141786	28.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	57.50%#
41) Toluene-d8	7.56	98	405824	26.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	53.80%#
43) trans-1,3-Dichloropropene-	7.85	79	67419	28.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.44%#
47) 2-Hexanone-d5	8.32	63	183080	66.35	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	66.35%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	253568	33.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	66.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	200692	30.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	60.90%#

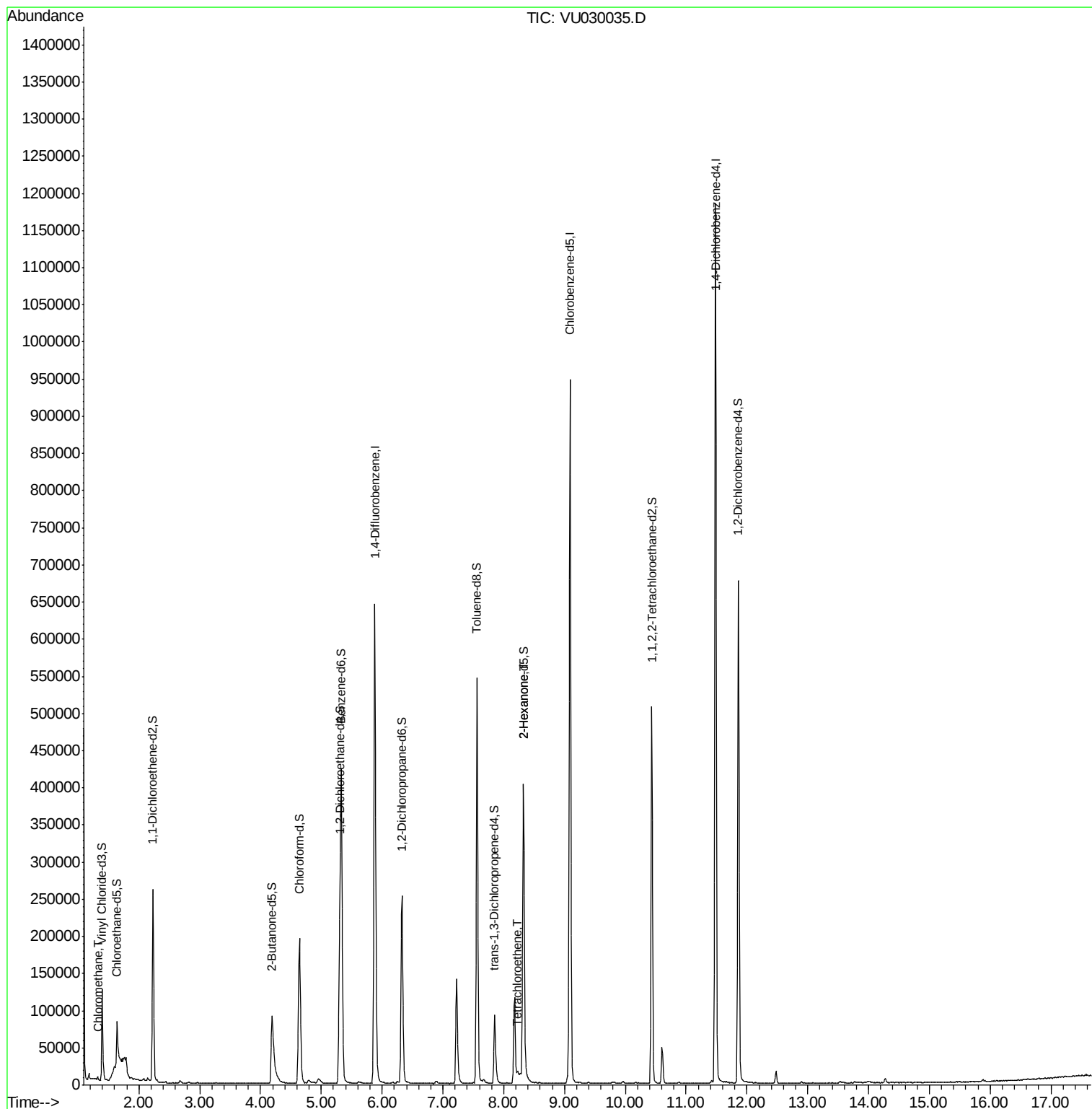
Target Compounds						Qvalue
3) Chloromethane	1.32	50	3672	0.839	ug/L	99
46) Tetrachloroethene	8.22	164	2415	0.588	ug/L	86
48) 2-Hexanone	8.32	43	17218	3.172	ug/L #	62

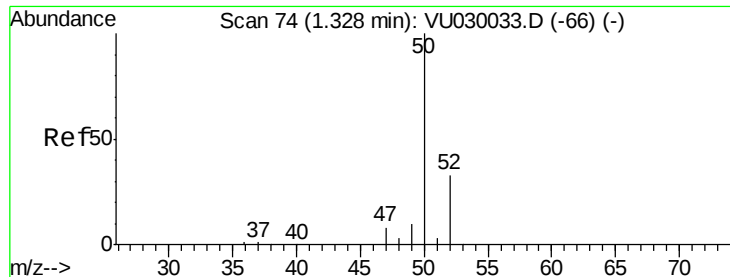
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.839 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

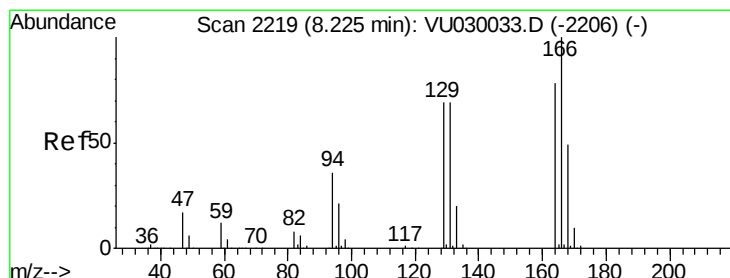
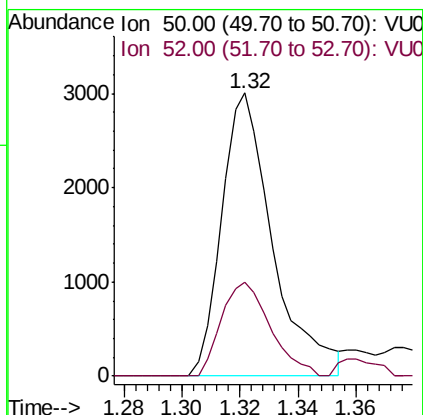
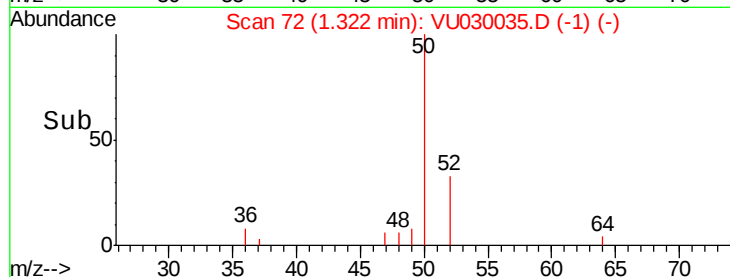
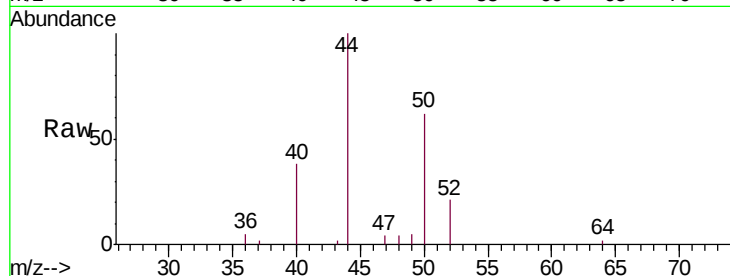
BF178

Tgt Ion: 50 Resp: 3672

Ion Ratio Lower Upper

50 100

52 33.1 23.4 43.6



#46

Tetrachloroethene

Concen: 0.588 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

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Tgt Ion:164 Resp: 2415

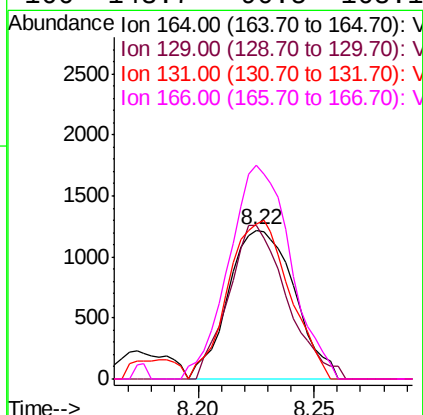
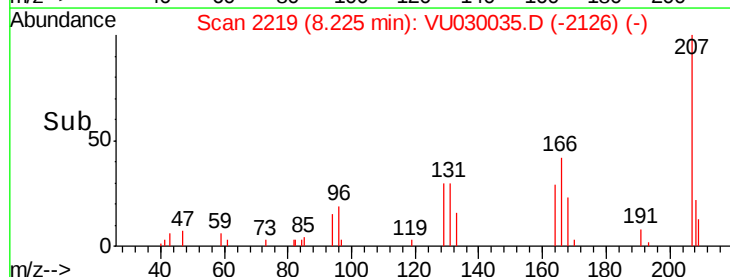
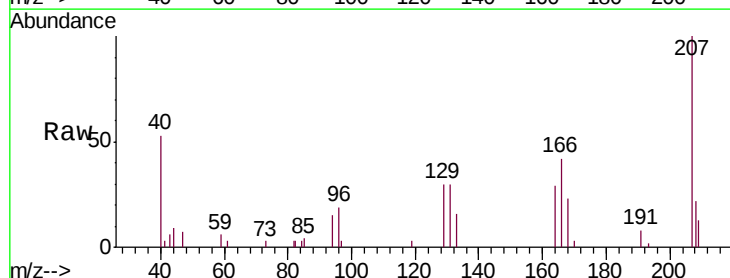
Ion Ratio Lower Upper

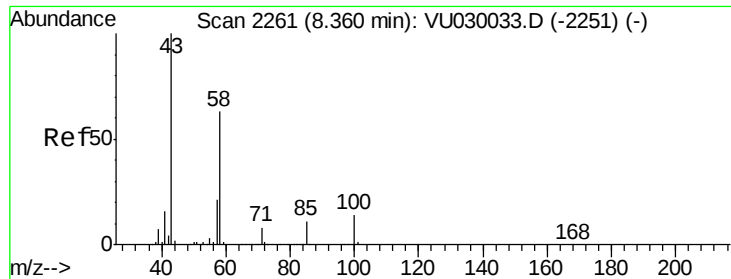
164 100

129 103.4 63.3 117.7

131 103.9 62.0 115.2

166 143.7 90.5 168.1





#48

2-Hexanone

Concen: 3.172 ug/L

RT: 8.32 min Scan# 2250

Delta R.T. -0.04 min

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Tgt Ion: 43 Resp: 17218

Ion Ratio Lower Upper

43 100

58 24.3 48.6 72.8#

57 25.3 16.1 24.1#

100 0.0 11.6 17.4#

