

Data File : VU030604.D
Acq On : 31 Mar 2019 20:39
Operator : JC/SP
Sample : K2166-12ME
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0M4ME

Quant Time: Apr 01 02:13:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 01 02:05:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	510729	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	512317	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	233744	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	129358	31.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.94%
7) Chloroethane-d5	1.64	69	101015	31.01	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	62.02%#
11) 1,1-Dichloroethene-d2	2.23	63	208860	26.79	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.58%#
21) 2-Butanone-d5	4.19	46	281575	72.87	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	72.87%
24) Chloroform-d	4.64	84	251003	35.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.88%
26) 1,2-Dichloroethane-d4	5.30	65	178335	38.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.96%
32) Benzene-d6	5.33	84	527861	35.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.86%
36) 1,2-Dichloropropane-d6	6.32	67	184676	36.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	73.48%
41) Toluene-d8	7.56	98	465398	35.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	70.54%#
43) trans-1,3-Dichloropropene-	7.85	79	80015	33.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.70%
47) 2-Hexanone-d5	8.32	63	199096	73.09	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.09%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	289733	40.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	181802	38.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.64%#

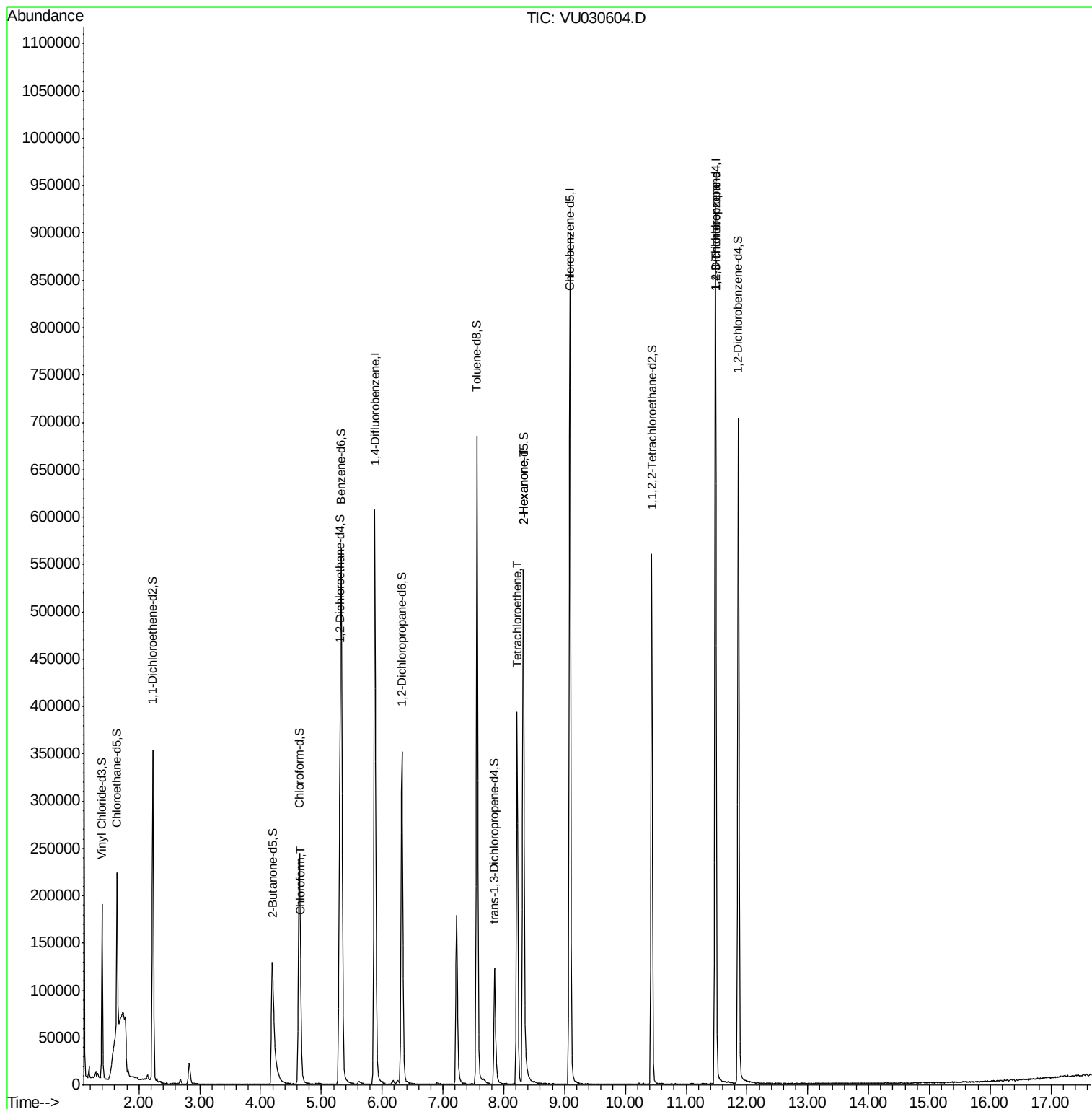
Target Compounds					Qvalue
25) Chloroform	4.67	83	10342	1.383 ug/L	99
46) Tetrachloroethene	8.22	164	86110	28.756 ug/L	97
48) 2-Hexanone	8.32	43	24788	3.638 ug/L #	73
59) 1,2,3-Trichloropropane	11.48	75	30793	5.112 ug/L	94

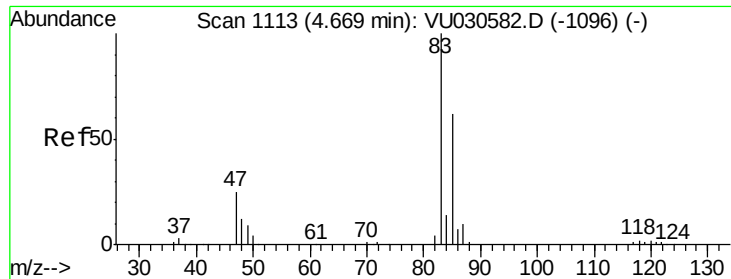
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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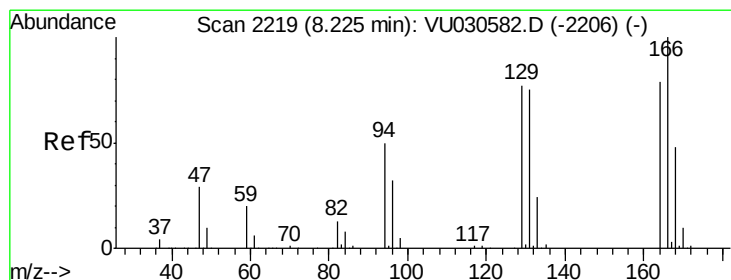
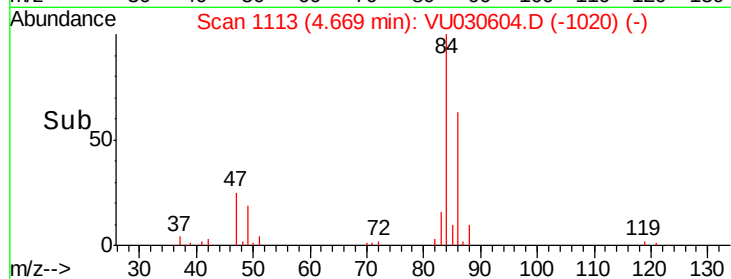
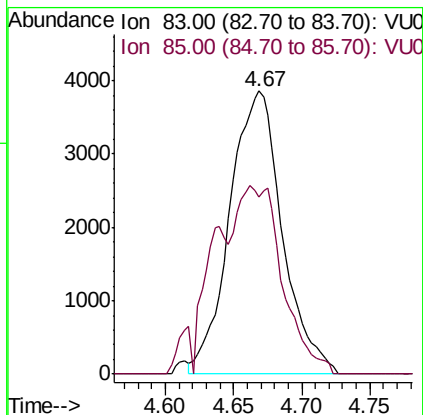
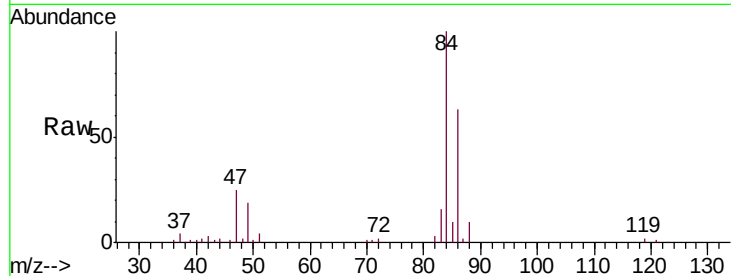




#25
Chloroform
Concen: 1.383 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
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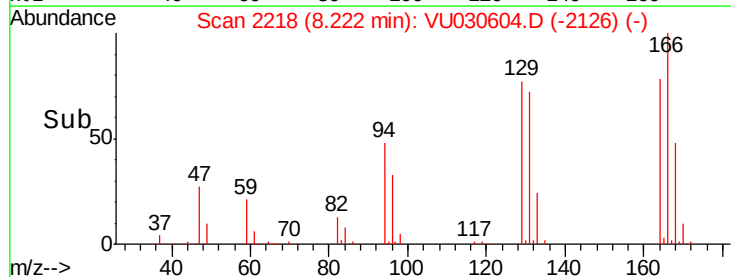
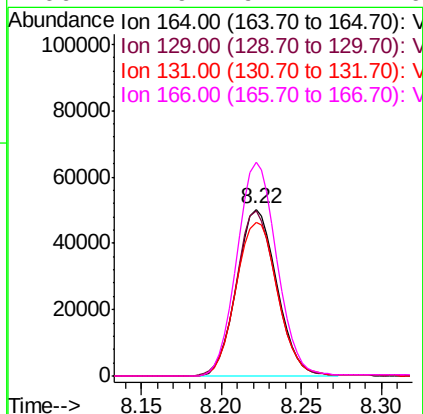
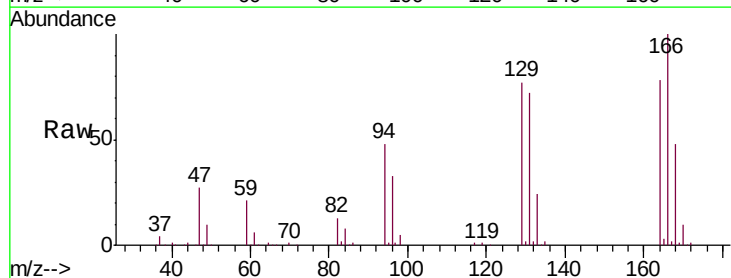
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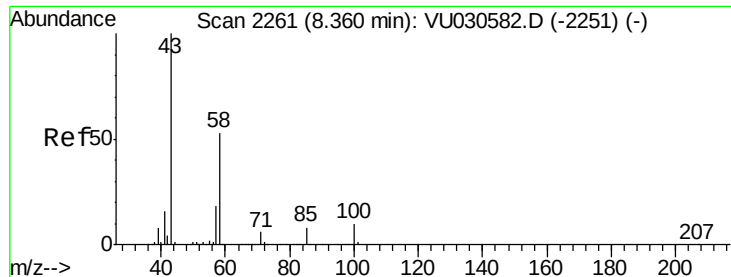
Tgt Ion: 83 Resp: 10342
Ion Ratio Lower Upper
83 100
85 62.7 44.4 82.4



#46
Tetrachloroethene
Concen: 28.756 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU030604.D
Acq: 31 Mar 2019 20:39

Tgt Ion: 164 Resp: 86110
Ion Ratio Lower Upper
164 100
129 98.6 68.1 126.5
131 91.8 67.7 125.7
166 127.9 92.4 171.6

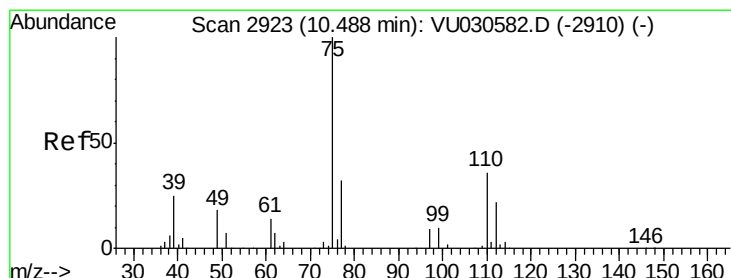
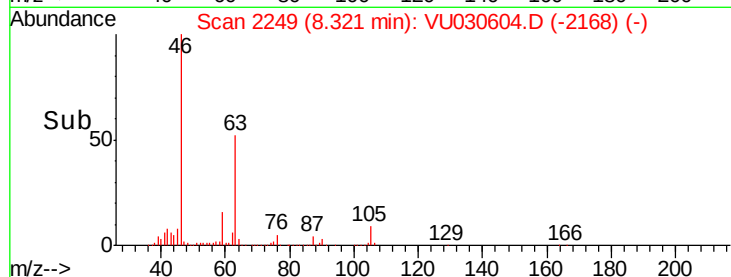
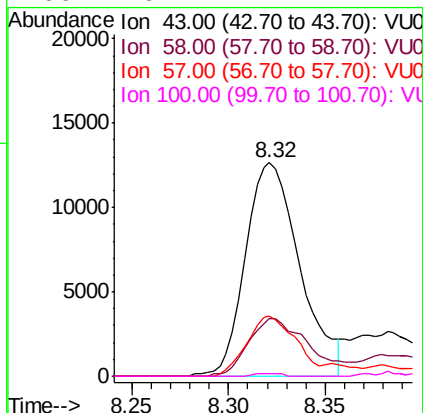
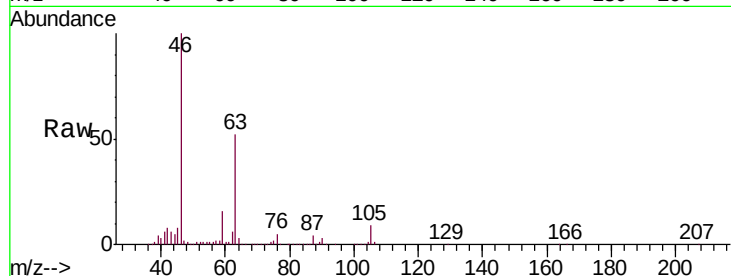




#48
 2-Hexanone
 Concen: 3.638 ug/L
 RT: 8.32 min Scan# 2249
 Delta R.T. -0.04 min
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Tgt Ion: 43 Resp: 24788
 Ion Ratio Lower Upper
 43 100
 58 30.5 42.5 63.7#
 57 25.2 15.0 22.6#
 100 0.7 7.4 11.2#



#59
 1,2,3-Trichloropropane
 Concen: 5.112 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU030604.D
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Tgt Ion: 75 Resp: 30793
 Ion Ratio Lower Upper
 75 100
 77 35.2 25.4 38.2

