

Data File : VU030155.D
Acq On : 16 Mar 2019 19:12
Operator : JC/SP
Sample : K1936-16
Misc : 5.93g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0X4

Quant Time: Mar 18 04:29:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 04:23:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	590851	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	598591	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	315331	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	134267	34.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.72%
7) Chloroethane-d5	1.64	69	66169	20.97	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	41.94%#
11) 1,1-Dichloroethene-d2	2.23	63	193153	27.38	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.76%#
21) 2-Butanone-d5	4.19	46	270942	92.53	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.53%
24) Chloroform-d	4.64	84	279922	39.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.86%
26) 1,2-Dichloroethane-d4	5.30	65	174398	43.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.12%
32) Benzene-d6	5.33	84	589381	38.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.50%
36) 1,2-Dichloropropane-d6	6.32	67	190148	40.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.64%
41) Toluene-d8	7.56	98	532596	36.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.82%#
43) trans-1,3-Dichloropropene-	7.85	79	85480	37.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.84%
47) 2-Hexanone-d5	8.32	63	242819	92.02	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.02%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	340821	47.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.06%
64) 1,2-Dichlorobenzene-d4	11.86	152	255925	41.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.80%

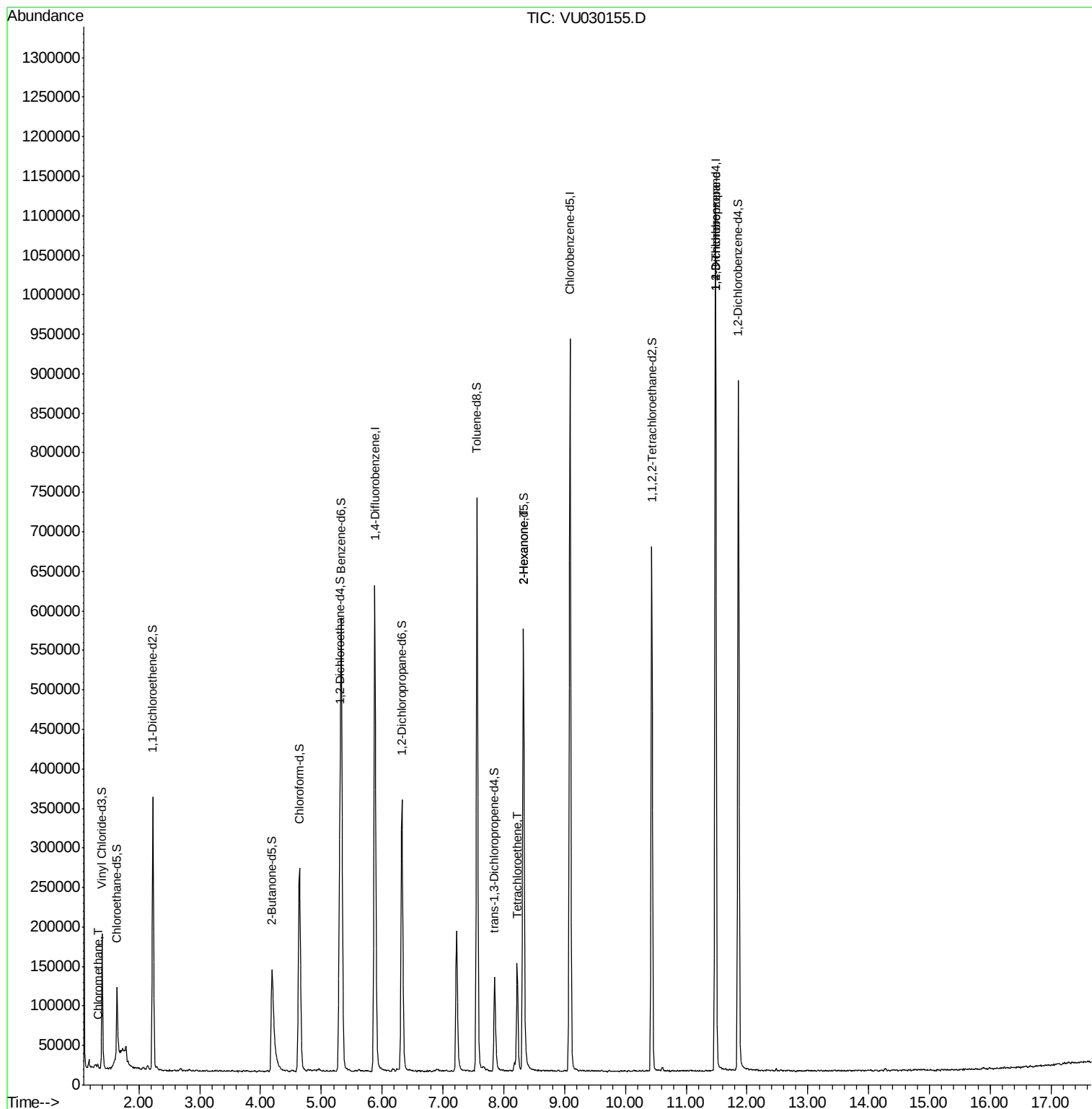
Target Compounds					Qvalue
3) Chloromethane	1.32	50	3002	0.729 ug/L	98
46) Tetrachloroethene	8.22	164	34495	8.780 ug/L	97
48) 2-Hexanone	8.32	43	24050	4.634 ug/L #	64
59) 1,2,3-Trichloropropane	11.48	75	30951	5.275 ug/L	90

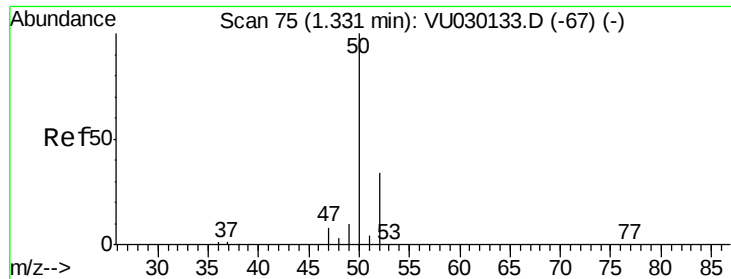
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.729 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.01 min

Lab File: VU030155.D

Acq: 16 Mar 2019 19:12

Instrument :

MSVOA_U

ClientSampled :

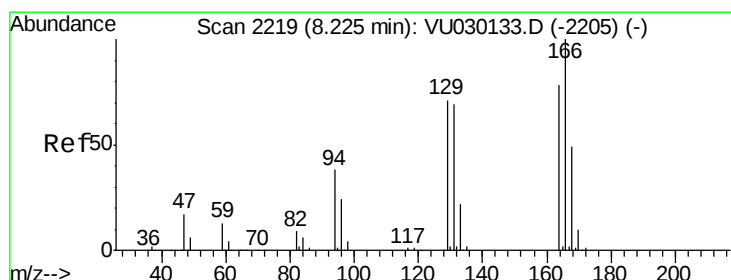
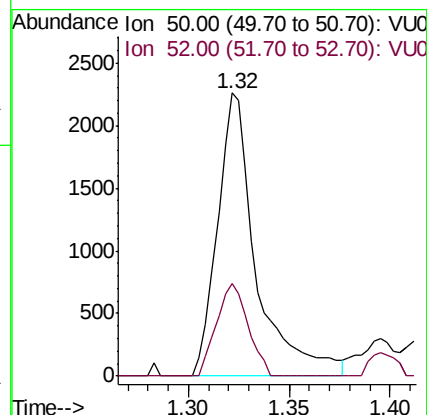
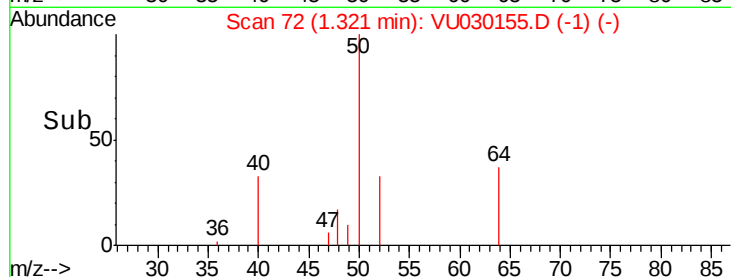
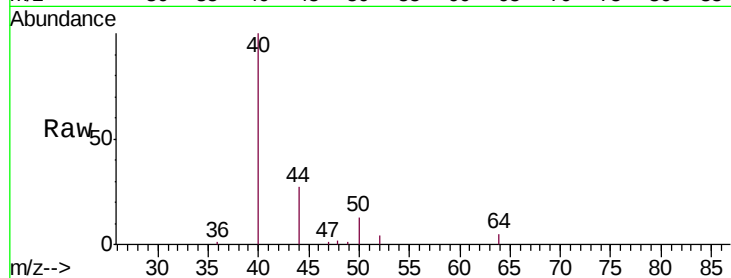
BF0X4

Tgt Ion: 50 Resp: 3002

Ion Ratio Lower Upper

50 100

52 32.5 23.4 43.6



#46

Tetrachloroethene

Concen: 8.780 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

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Tgt Ion: 164 Resp: 34495

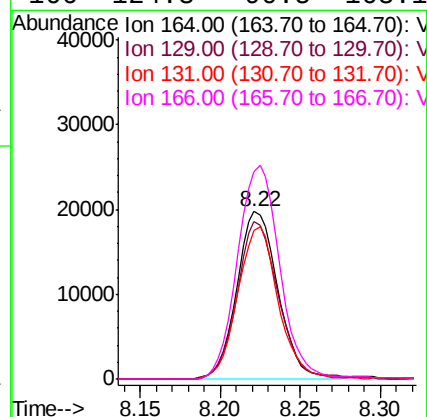
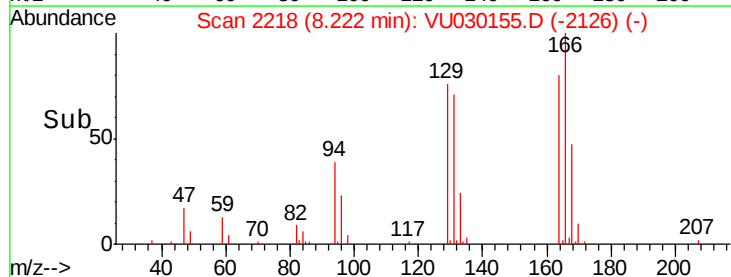
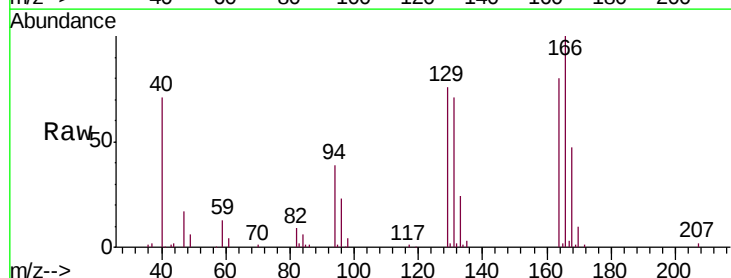
Ion Ratio Lower Upper

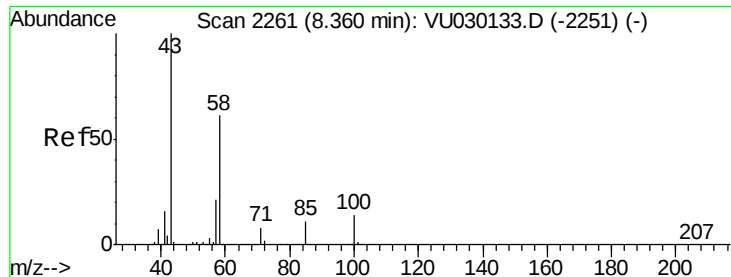
164 100

129 93.9 63.3 117.7

131 88.7 62.0 115.2

166 124.3 90.5 168.1

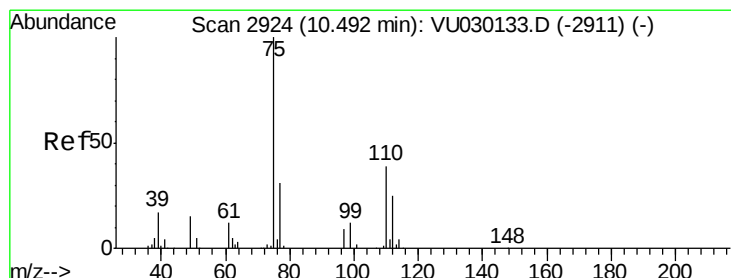
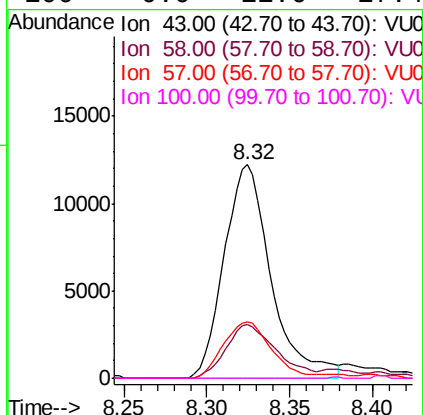
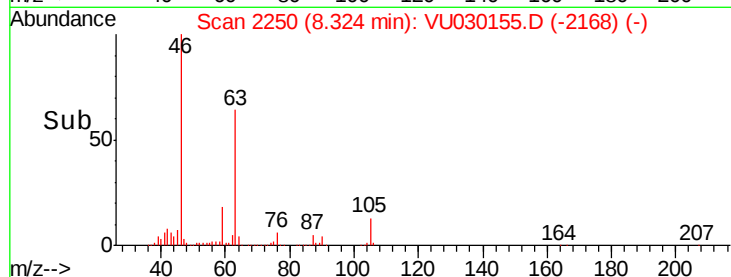
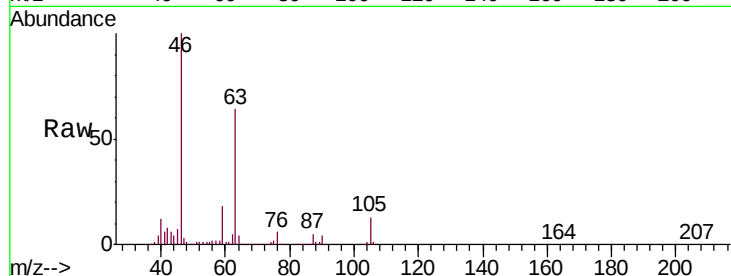




#48
 2-Hexanone
 Concen: 4.634 ug/L
 RT: 8.32 min Scan# 2250
 Delta R.T. -0.04 min
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Tgt Ion: 43 Resp: 24050
 Ion Ratio Lower Upper
 43 100
 58 27.2 48.6 72.8#
 57 26.7 16.1 24.1#
 100 0.0 11.6 17.4#



#59
 1,2,3-Trichloropropane
 Concen: 5.275 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU030155.D
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Tgt Ion: 75 Resp: 30951
 Ion Ratio Lower Upper
 75 100
 77 38.0 25.8 38.8

