

Data File : VU031751.D
Acq On : 03 May 2019 15:40
Operator : JC/SP
Sample : K2694-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFHK1

Quant Time: May 04 02:40:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 04 02:35:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	808701	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	769239	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	307295	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	327619	48.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.82%
7) Chloroethane-d5	1.68	69	255000	48.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.50%
11) 1,1-Dichloroethene-d2	2.27	63	468017	34.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.44%
21) 2-Butanone-d5	4.19	46	645043	105.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.19%
24) Chloroform-d	4.64	84	548250	44.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.46%
26) 1,2-Dichloroethane-d4	5.31	65	379718	46.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.78%
32) Benzene-d6	5.34	84	1119661	47.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.32	67	393842	47.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.78%
41) Toluene-d8	7.56	98	918839	44.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.32%
43) trans-1,3-Dichloropropene-	7.85	79	160970	45.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.24%
47) 2-Hexanone-d5	8.31	63	384191	106.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.81%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	505491	45.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.64%
64) 1,2-Dichlorobenzene-d4	11.85	152	303011	46.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.78%

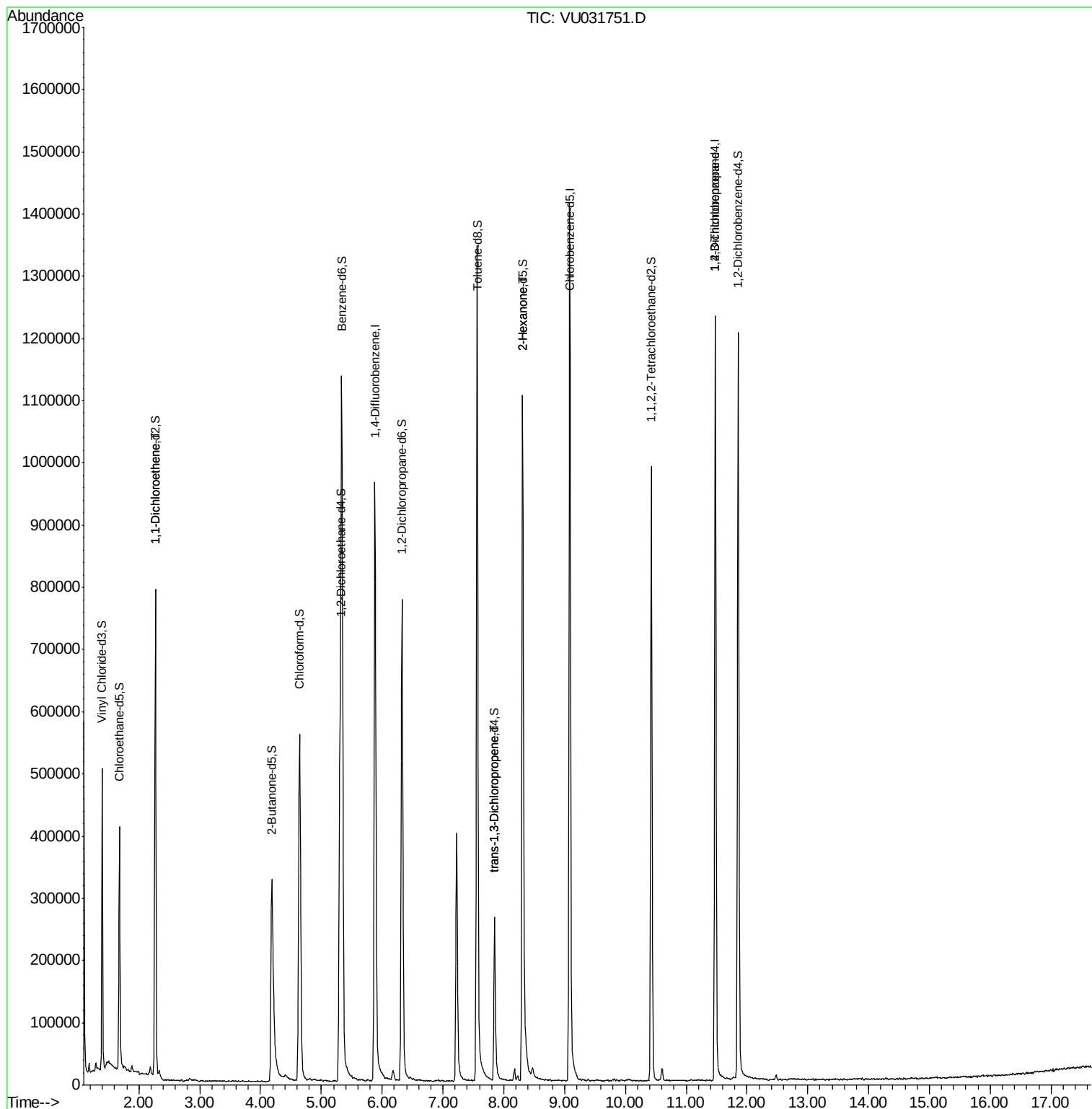
Target Compounds					Qvalue
12) 1,1-Dichloroethene	2.27	96	3482	0.552 ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	6759	0.702 ug/L	93
48) 2-Hexanone	8.31	43	50172	5.022 ug/L #	72
59) 1,2,3-Trichloropropane	11.48	75	41767	4.388 ug/L	91

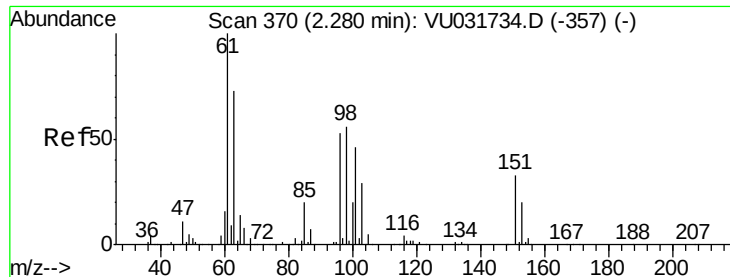
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.552 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

BFHK1

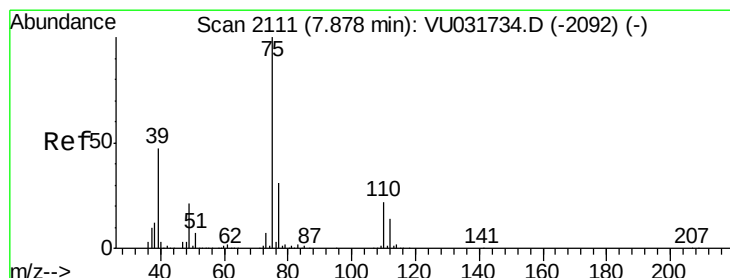
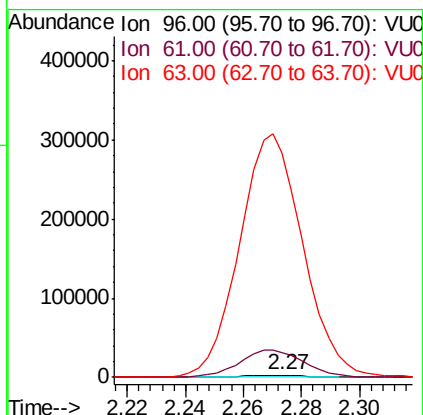
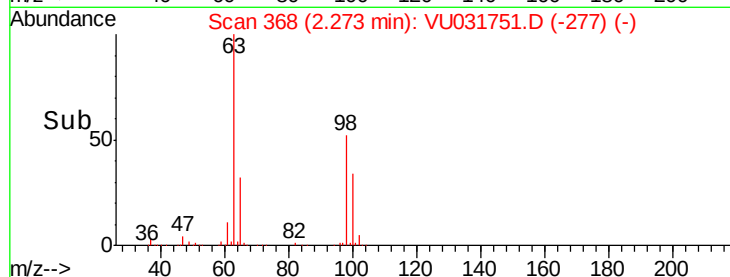
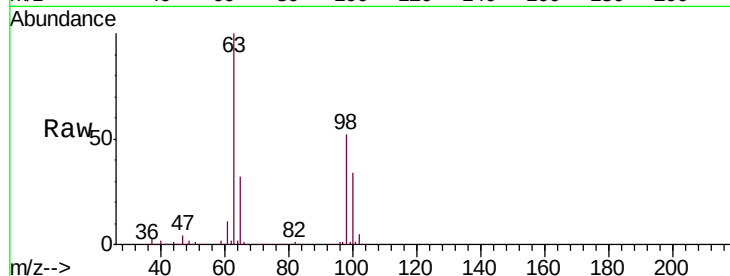
Tgt Ion: 96 Resp: 3482

Ion Ratio Lower Upper

96 100

61 1408.8 135.0 250.6#

63 12490.7 103.5 192.3#



#44

trans-1,3-Dichloropropene

Concen: 0.702 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

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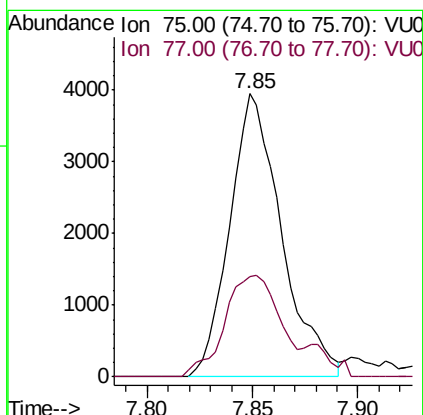
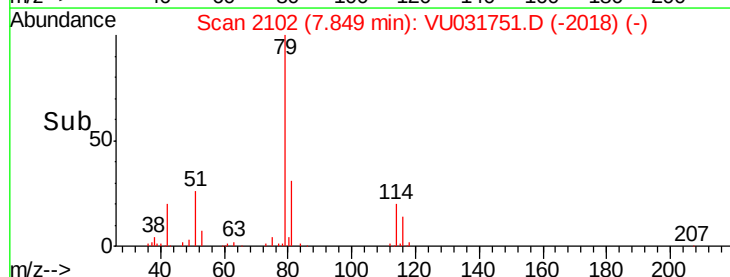
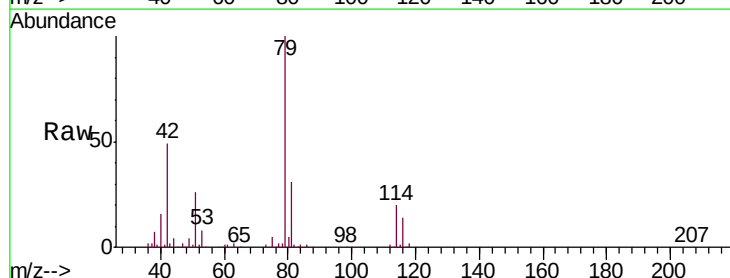
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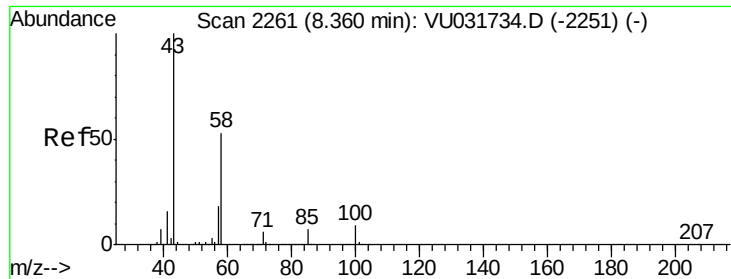
Tgt Ion: 75 Resp: 6759

Ion Ratio Lower Upper

75 100

77 35.3 22.1 41.1

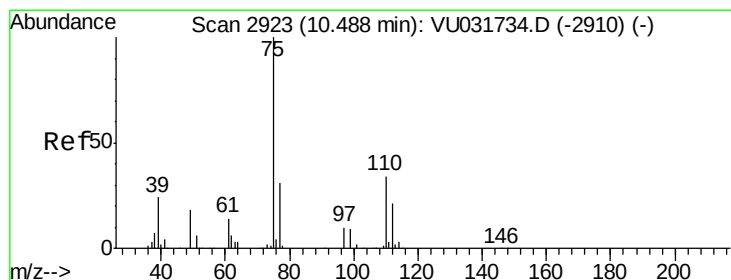
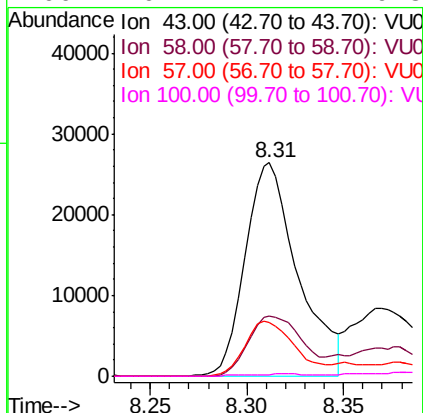
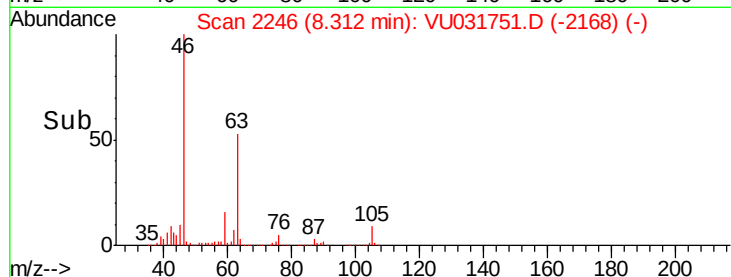
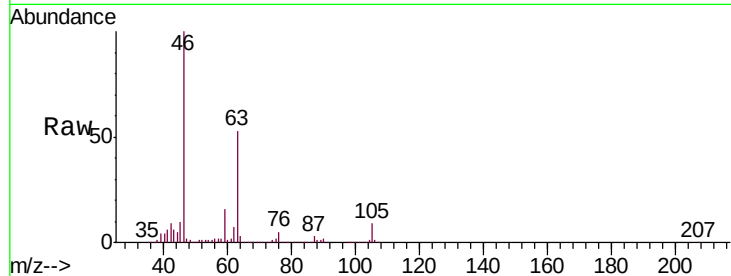




#48
2-Hexanone
Concen: 5.022 ug/L
RT: 8.31 min Scan# 2246
Delta R.T. -0.05 min
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Tgt Ion: 43 Resp: 50172
Ion Ratio Lower Upper
43 100
58 29.2 42.1 63.1#
57 25.0 14.6 22.0#
100 0.4 7.2 10.8#



#59
1,2,3-Trichloropropane
Concen: 4.388 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031751.D
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Tgt Ion: 75 Resp: 41767
Ion Ratio Lower Upper
75 100
77 37.5 25.9 38.9

