

Data File : VU031130.D
Acq On : 12 Apr 2019 15:55
Operator : JC/SP
Sample : K2299-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Apr 13 01:04:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 01:01:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	437584	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	438506	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	183238	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	191358	48.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.98%
7) Chloroethane-d5	1.68	69	147394	49.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.44%
11) 1,1-Dichloroethene-d2	2.27	63	258205	36.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.10%
21) 2-Butanone-d5	4.17	46	327381	105.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.75%
24) Chloroform-d	4.64	84	304316	51.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.31	65	215696	52.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.96%
32) Benzene-d6	5.34	84	635336	49.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.26%
36) 1,2-Dichloropropane-d6	6.32	67	219784	50.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.20%
41) Toluene-d8	7.56	98	536127	47.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.50%
43) trans-1,3-Dichloropropene-	7.85	79	94586	47.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.56%
47) 2-Hexanone-d5	8.31	63	201460	100.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.47%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	298246	50.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	197743	54.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.74%

Target Compounds

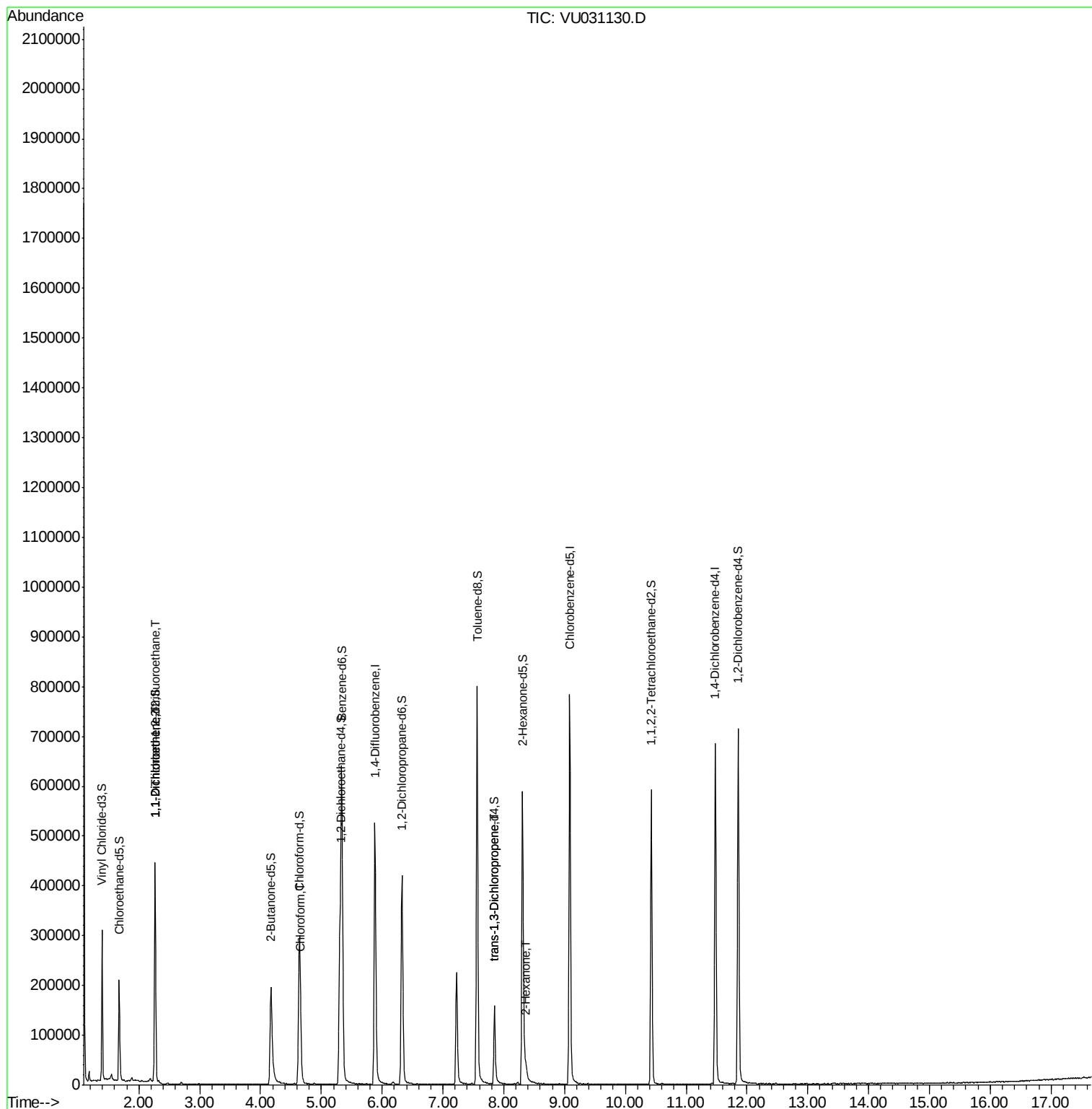
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2353	0.751 ug/L #	22
12) 1,1-Dichloroethene	2.27	96	1695	0.560 ug/L #	1
25) Chloroform	4.67	83	17415	2.614 ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	3864	0.758 ug/L	94
48) 2-Hexanone	8.37	43	12900	2.530 ug/L #	88

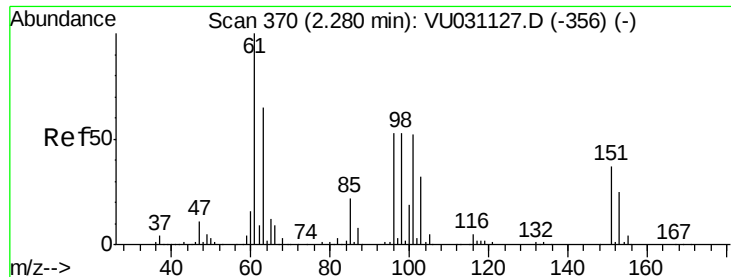
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.751 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

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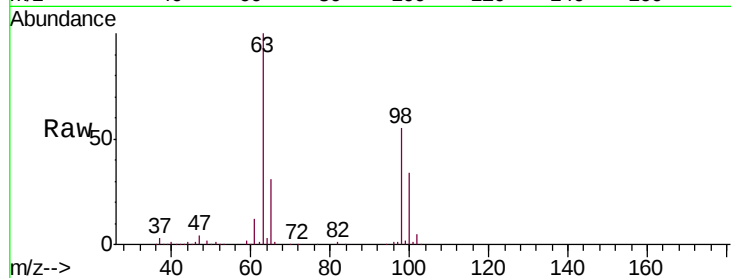
Tgt Ion: 101 Resp: 2353

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

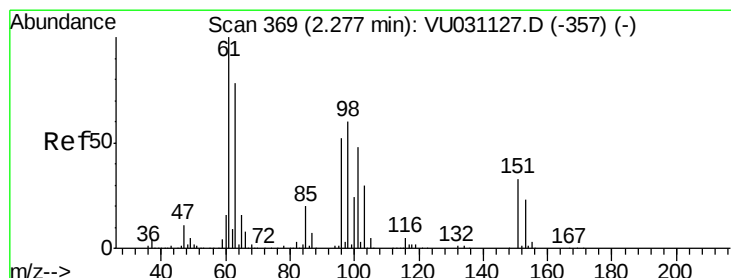
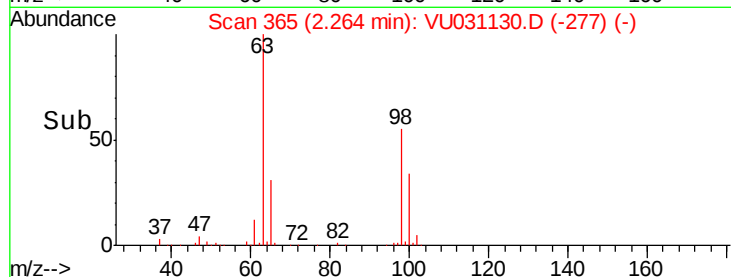
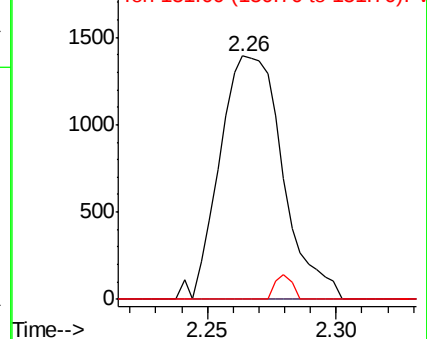
151 2.8 57.4 86.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.560 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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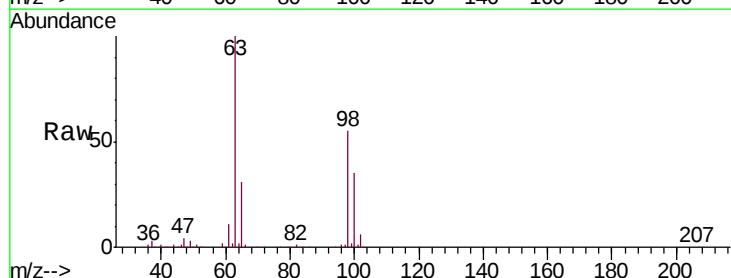
Tgt Ion: 96 Resp: 1695

Ion Ratio Lower Upper

96 100

61 1557.3 132.0 245.2#

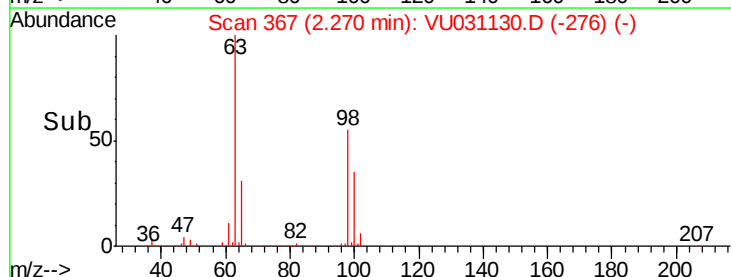
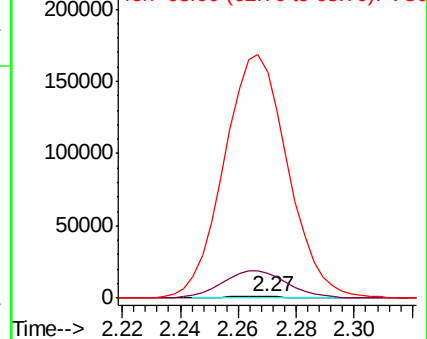
63 14090.4 90.9 168.9#

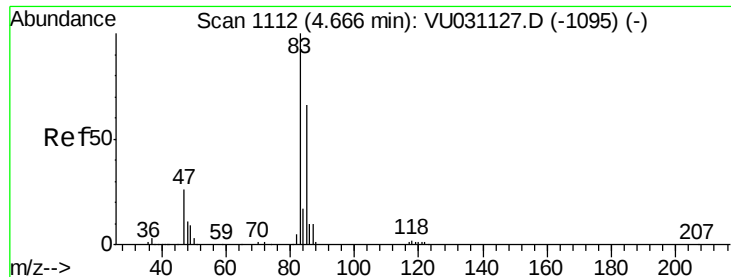


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

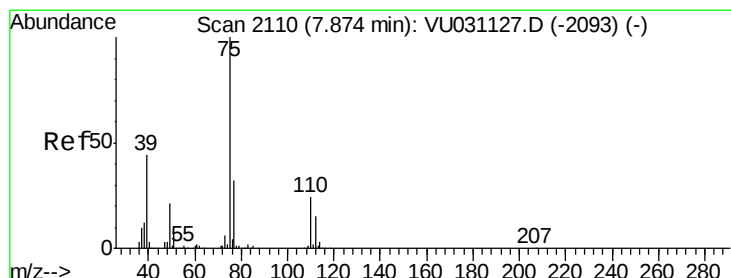
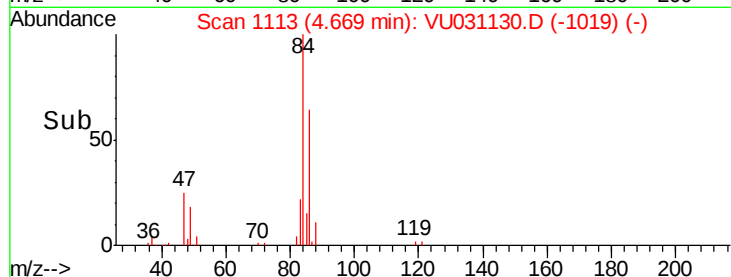
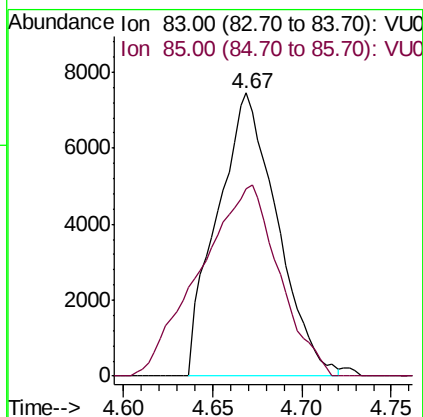
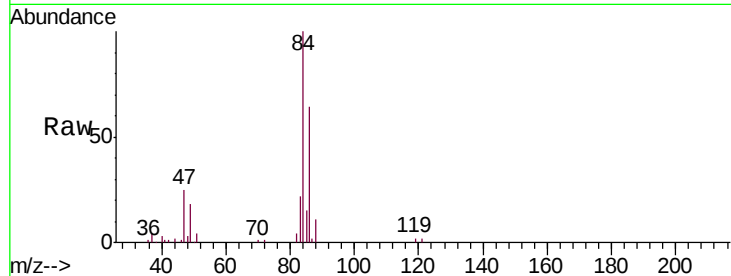




#25
Chloroform
Concen: 2.614 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
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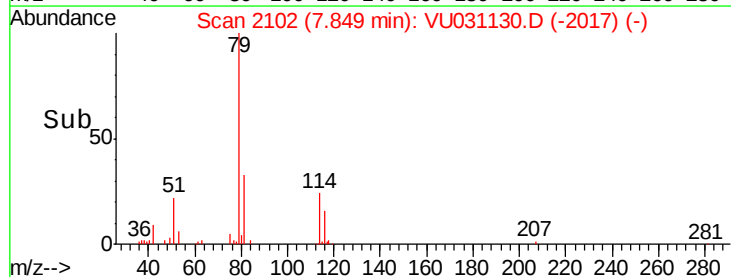
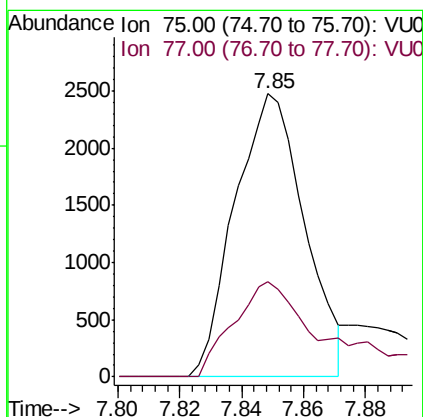
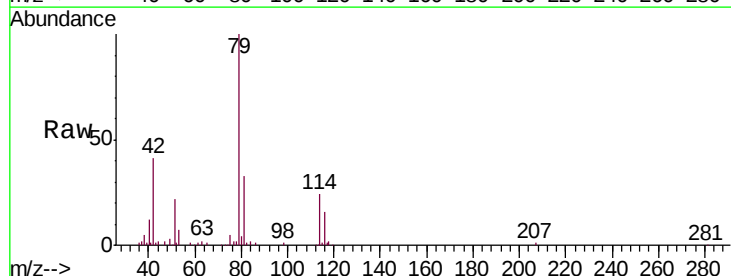
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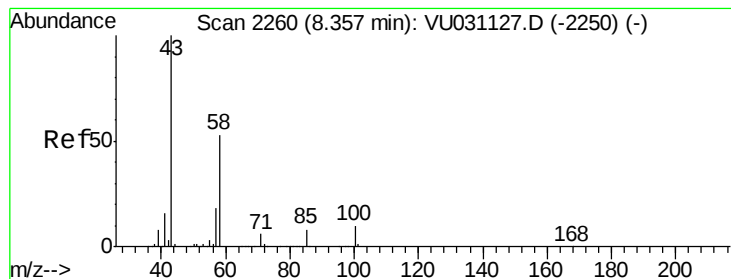
Tgt Ion: 83 Resp: 17415
Ion Ratio Lower Upper
83 100
85 66.3 45.8 85.0



#44
trans-1,3-Dichloropropene
Concen: 0.758 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU031130.D
Acq: 12 Apr 2019 15:55

Tgt Ion: 75 Resp: 3864
Ion Ratio Lower Upper
75 100
77 33.8 21.6 40.0





#48
 2-Hexanone
 Concen: 2.530 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.01 min
 Lab File: VU031130.D
 Acq: 12 Apr 2019 15:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Tgt Ion: 43 Resp: 12900
 Ion Ratio Lower Upper
 43 100
 58 58.7 41.9 62.9
 57 8.6 14.3 21.5#
 100 12.2 7.1 10.7#

