

Data File : VU031761.D
Acq On : 03 May 2019 19:33
Operator : JC/SP
Sample : K2595-11 400X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XH5

Quant Time: May 04 02:41:50 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	763441	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	728536	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	284180	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	318787	49.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.78%
7) Chloroethane-d5	1.68	69	258302	52.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.62%
11) 1,1-Dichloroethene-d2	2.27	63	469791	36.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.84%
21) 2-Butanone-d5	4.19	46	654820	113.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.11%
24) Chloroform-d	4.64	84	539998	46.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.30%
26) 1,2-Dichloroethane-d4	5.31	65	372614	48.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.48%
32) Benzene-d6	5.34	84	1093120	48.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.72%
36) 1,2-Dichloropropane-d6	6.32	67	386509	49.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.22%
41) Toluene-d8	7.56	98	899813	46.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.36%
43) trans-1,3-Dichloropropene-	7.85	79	150156	44.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.88%
47) 2-Hexanone-d5	8.31	63	375400	110.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.19%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	498049	47.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.30%
64) 1,2-Dichlorobenzene-d4	11.85	152	283754	47.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.96%

Target Compounds

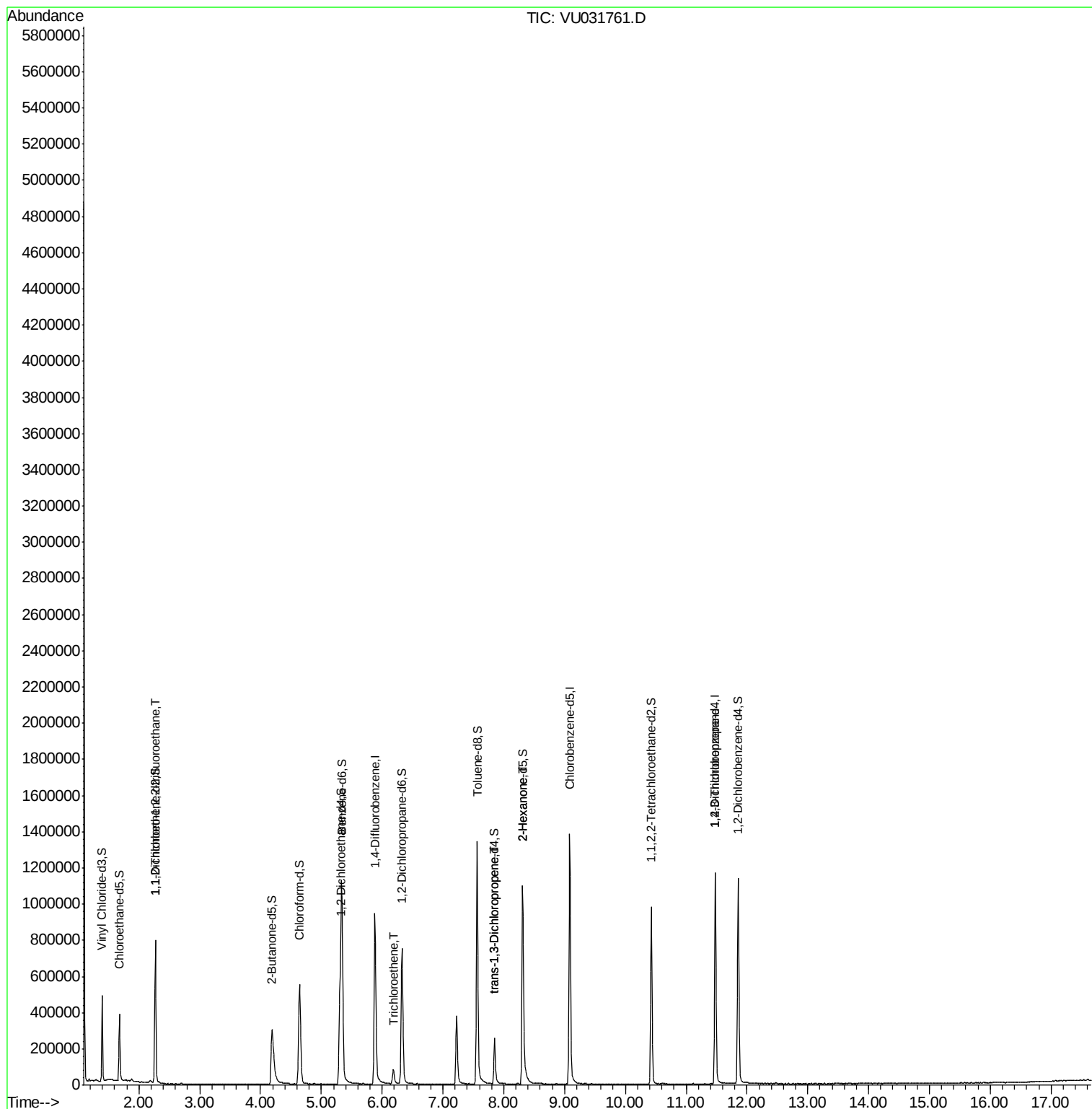
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4305	0.703 ug/L #	21
34) Trichloroethene	6.19	95	28339	4.365 ug/L	95
44) trans-1,3-Dichloropropene	7.85	75	6114	0.671 ug/L	94
48) 2-Hexanone	8.31	43	49926	5.276 ug/L #	76
59) 1,2,3-Trichloropropane	11.48	75	40169	4.455 ug/L	93

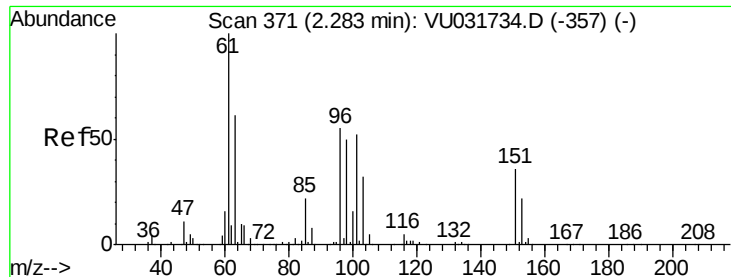
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.703 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

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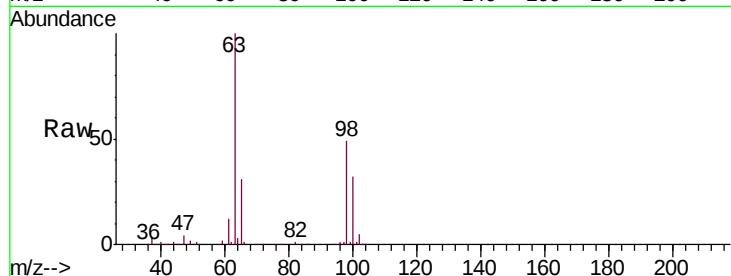
Tgt Ion:101 Resp: 4305

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

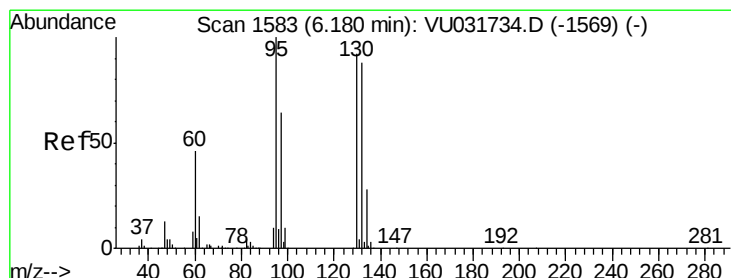
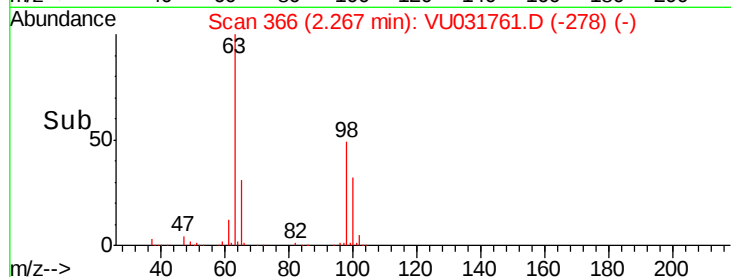
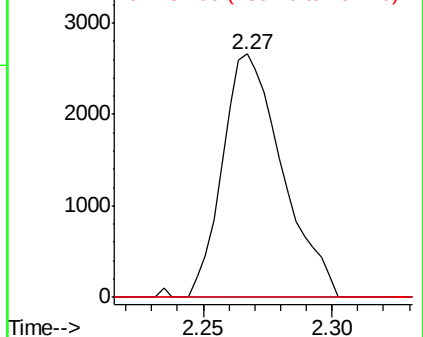
151 0.0 56.1 84.1#



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



#34

Trichloroethene

Concen: 4.365 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

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Tgt Ion: 95 Resp: 28339

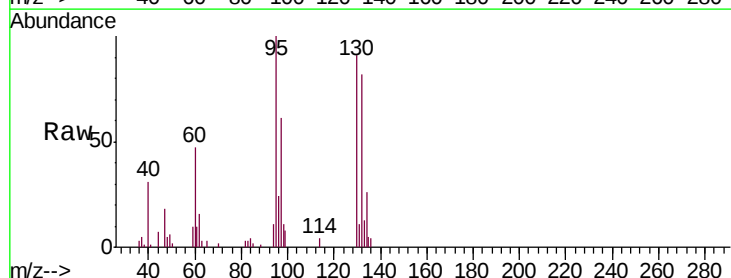
Ion Ratio Lower Upper

95 100

97 60.8 44.8 83.2

132 82.2 63.1 117.1

130 91.4 66.5 123.5

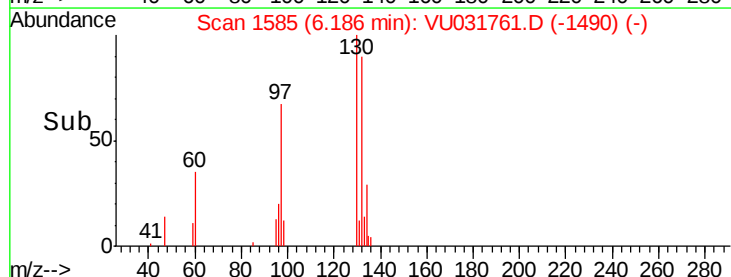
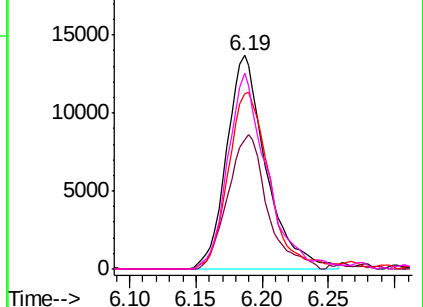


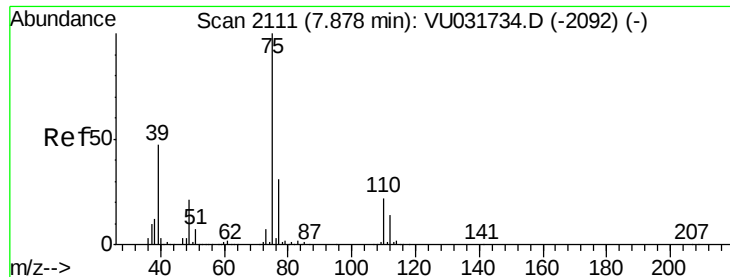
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

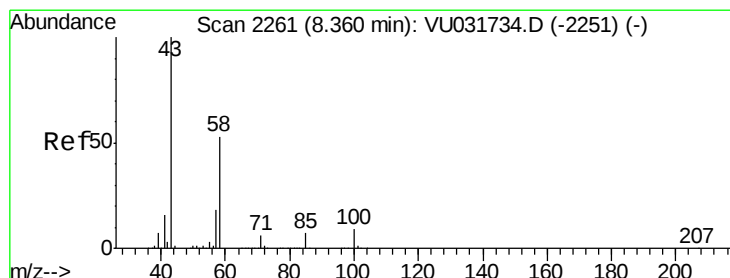
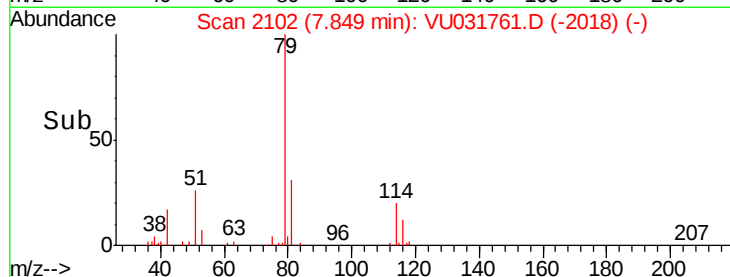
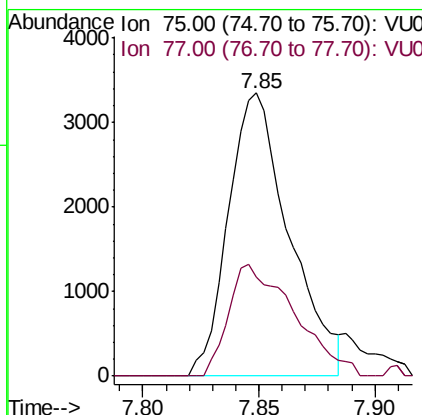
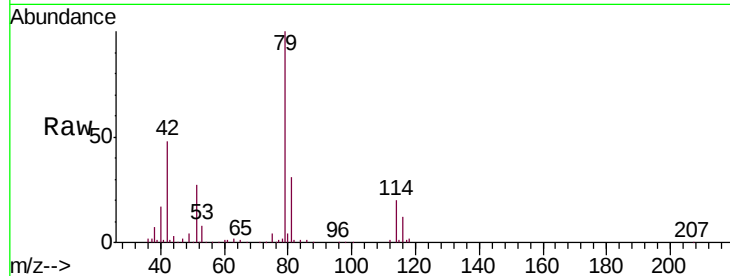




#44
trans-1,3-Dichloropropene
Concen: 0.671 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
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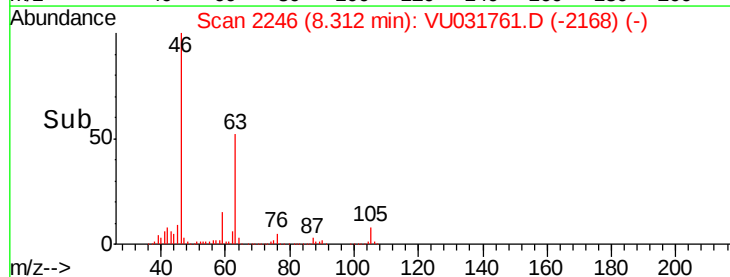
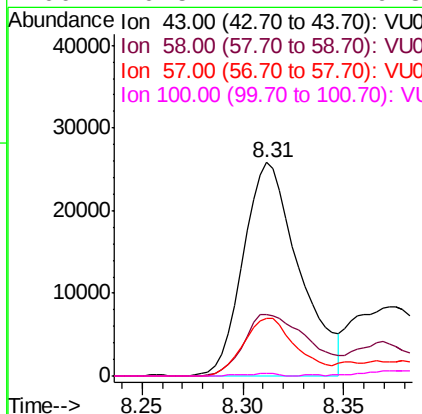
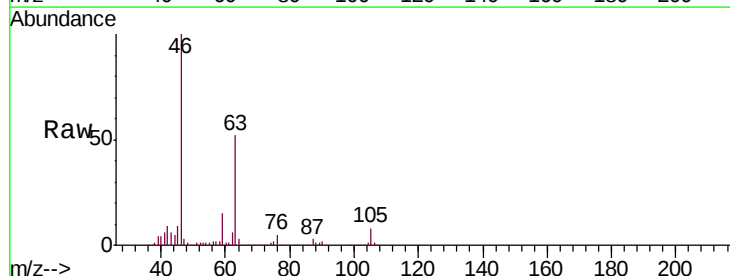
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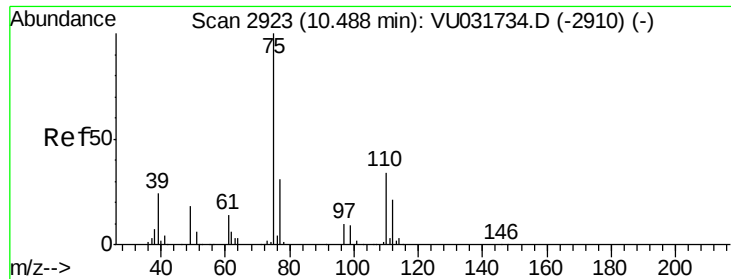
Tgt Ion: 75 Resp: 6114
Ion Ratio Lower Upper
75 100
77 35.1 22.1 41.1



#48
2-Hexanone
Concen: 5.276 ug/L
RT: 8.31 min Scan# 2246
Delta R.T. -0.05 min
Lab File: VU031761.D
Acq: 03 May 2019 19:33

Tgt Ion: 43 Resp: 49926
Ion Ratio Lower Upper
43 100
58 33.4 42.1 63.1#
57 25.8 14.6 22.0#
100 0.5 7.2 10.8#





#59

1,2,3-Trichloropropane

Concen: 4.455 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031761.D

Acq: 03 May 2019 19:33

Instrument :

MSVOA_U

ClientSampleId :

C0XH5

Tgt Ion: 75 Resp: 40169

Ion Ratio Lower Upper

75 100

77 36.5 25.9 38.9

