

Data File : VU031731.D
Acq On : 02 May 2019 22:42
Operator : JC/SP
Sample : K2661-19 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B39

Quant Time: May 03 07:30:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 07:25:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	920443	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	858908	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	345775	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	398552	51.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.48%
7) Chloroethane-d5	1.68	69	300645	50.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	2.27	63	556588	36.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.56%
21) 2-Butanone-d5	4.19	46	703877	100.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.85%
24) Chloroform-d	4.64	84	619718	43.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.86%
26) 1,2-Dichloroethane-d4	5.31	65	418190	45.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.74%
32) Benzene-d6	5.34	84	1315412	49.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.74%
36) 1,2-Dichloropropane-d6	6.32	67	443755	47.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.64%
41) Toluene-d8	7.56	98	1104577	48.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.16%
43) trans-1,3-Dichloropropene-	7.85	79	181120	45.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.94%
47) 2-Hexanone-d5	8.31	63	449712	111.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.97%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	562268	45.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.30%
64) 1,2-Dichlorobenzene-d4	11.86	152	347988	47.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.70%

Target Compounds

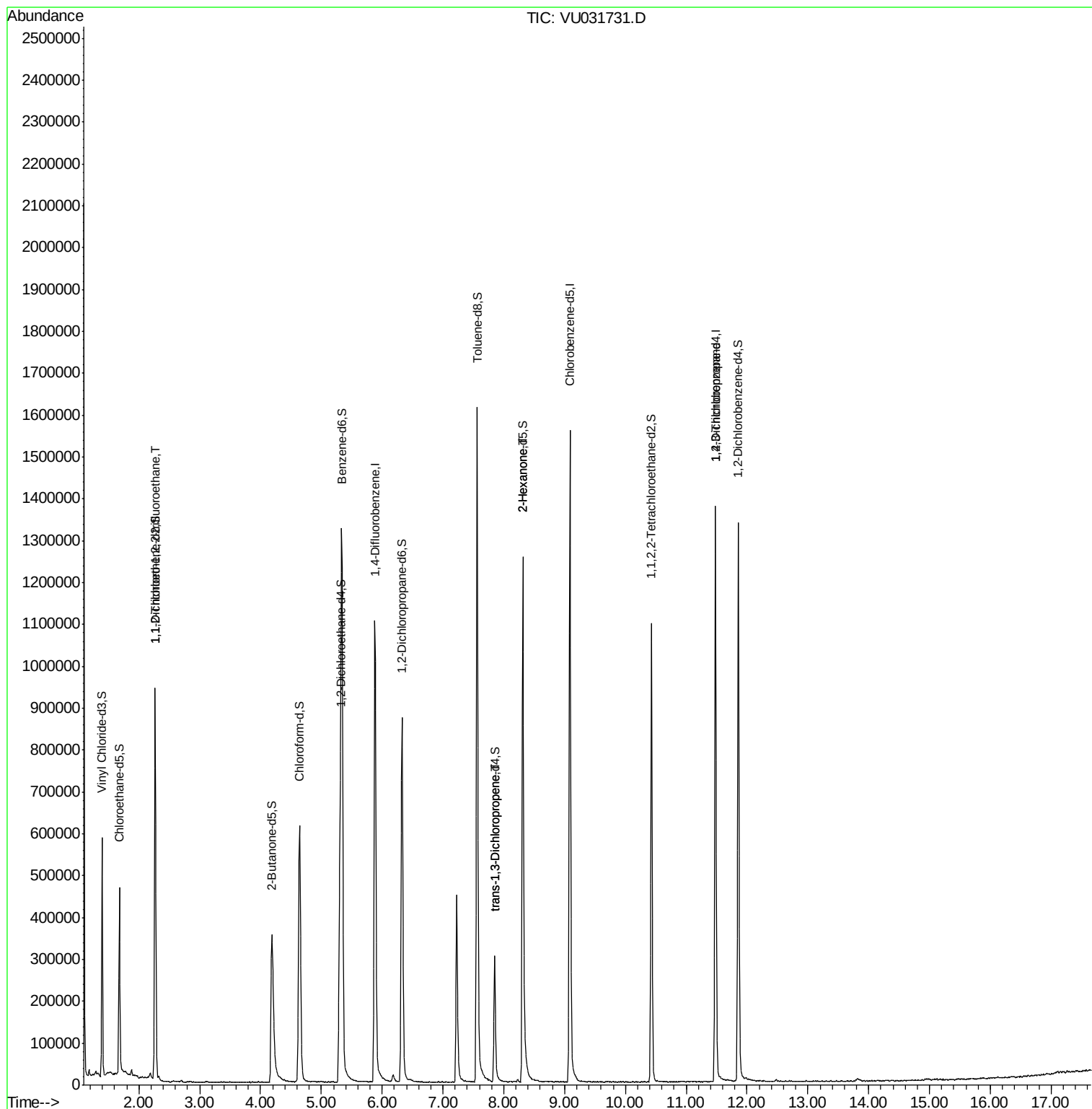
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4736	0.642 ug/L #	21
44) trans-1,3-Dichloropropene	7.85	75	7665	0.713 ug/L	92
48) 2-Hexanone	8.31	43	56000	5.020 ug/L #	75
59) 1,2,3-Trichloropropane	11.48	75	47545	4.473 ug/L	94

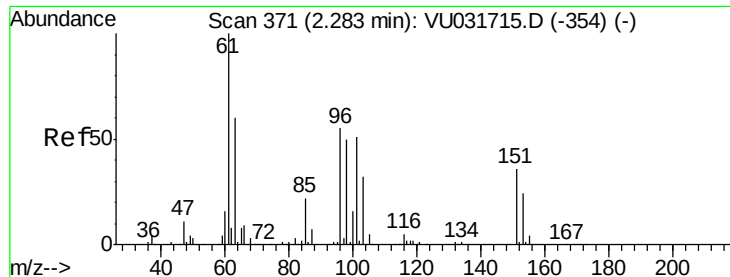
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.642 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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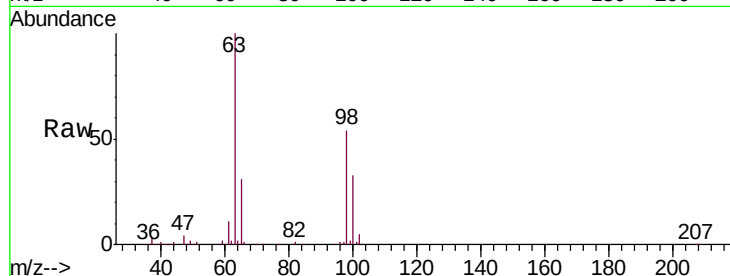
Tgt Ion:101 Resp: 4736

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

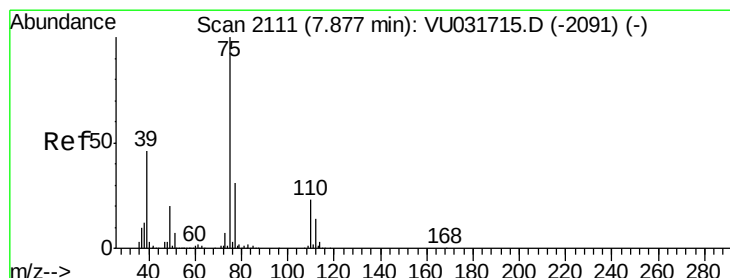
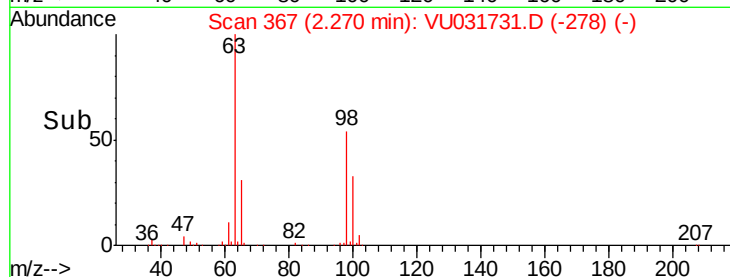
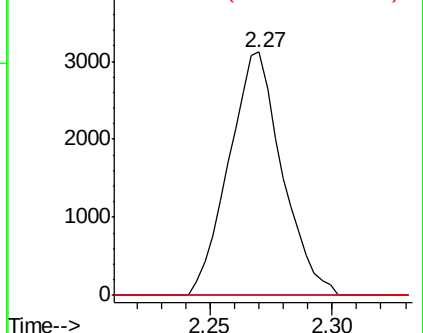
151 0.0 56.1 84.1#



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



#44

trans-1,3-Dichloropropene

Concen: 0.713 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

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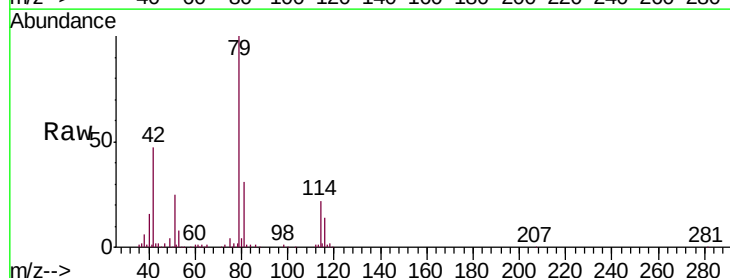
Acq: 02 May 2019 22:42

Tgt Ion: 75 Resp: 7665

Ion Ratio Lower Upper

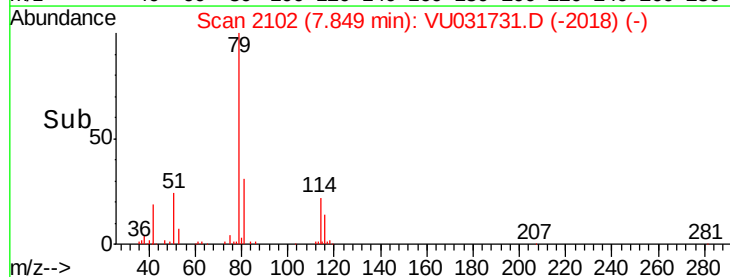
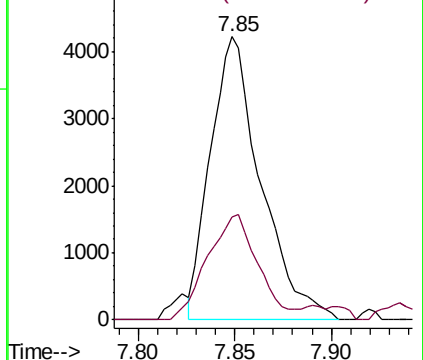
75 100

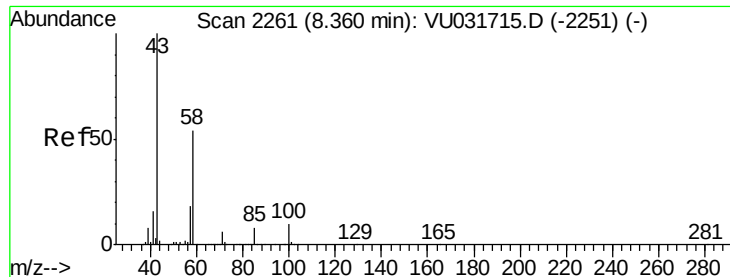
77 36.3 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

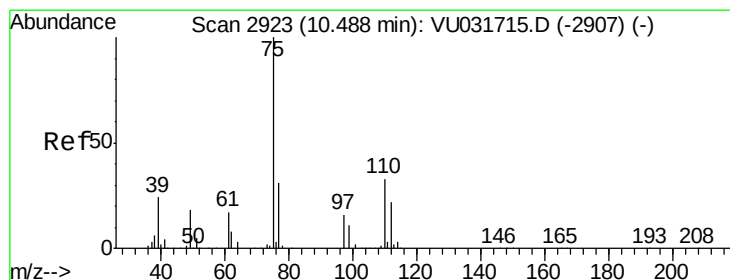
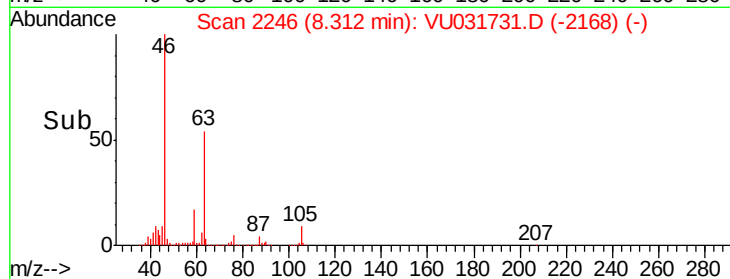
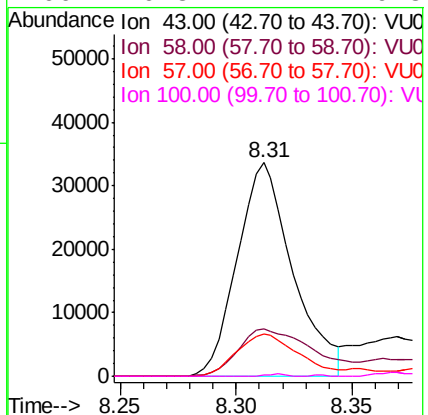
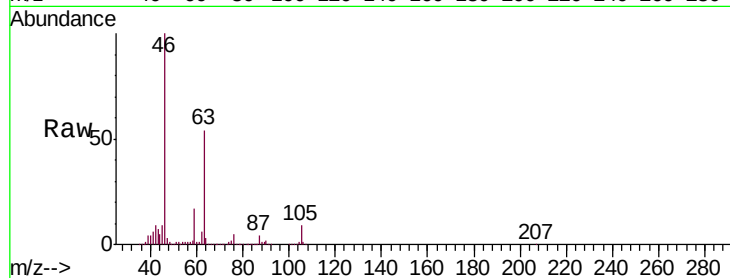




#48
 2-Hexanone
 Concen: 5.020 ug/L
 RT: 8.31 min Scan# 2246
 Delta R.T. -0.05 min
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Tgt Ion:	43	Resp:	56000
Ion	Ratio	Lower	Upper
43	100		
58	30.5	42.1	63.1#
57	22.3	14.6	22.0#
100	0.3	7.2	10.8#



#59
 1,2,3-Trichloropropane
 Concen: 4.473 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
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Tgt Ion:	75	Resp:	47545
Ion	Ratio	Lower	Upper
75	100		
77	35.9	25.9	38.9

