

Data File : VU030170.D
Acq On : 18 Mar 2019 13:44
Operator : JC/SP
Sample : K1939-19DL 500X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1H1DL

Quant Time: Mar 19 02:28:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 12:44:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	515535	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	499547	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	235198	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	132790	38.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.88%
7) Chloroethane-d5	1.68	69	117945	42.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.70%
11) 1,1-Dichloroethene-d2	2.27	63	190683	30.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.96%
21) 2-Butanone-d5	4.17	46	268650	105.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.15%
24) Chloroform-d	4.65	84	279996	45.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.54%
26) 1,2-Dichloroethane-d4	5.31	65	166118	47.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.02%
32) Benzene-d6	5.34	84	574728	44.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.38%
36) 1,2-Dichloropropane-d6	6.33	67	188746	47.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.92%
41) Toluene-d8	7.56	98	513759	42.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.34%
43) trans-1,3-Dichloropropene-	7.85	79	81917	42.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.94%
47) 2-Hexanone-d5	8.31	63	217241	98.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.65%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	298380	49.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.68%
64) 1,2-Dichlorobenzene-d4	11.86	152	217899	47.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.64%

Target Compounds

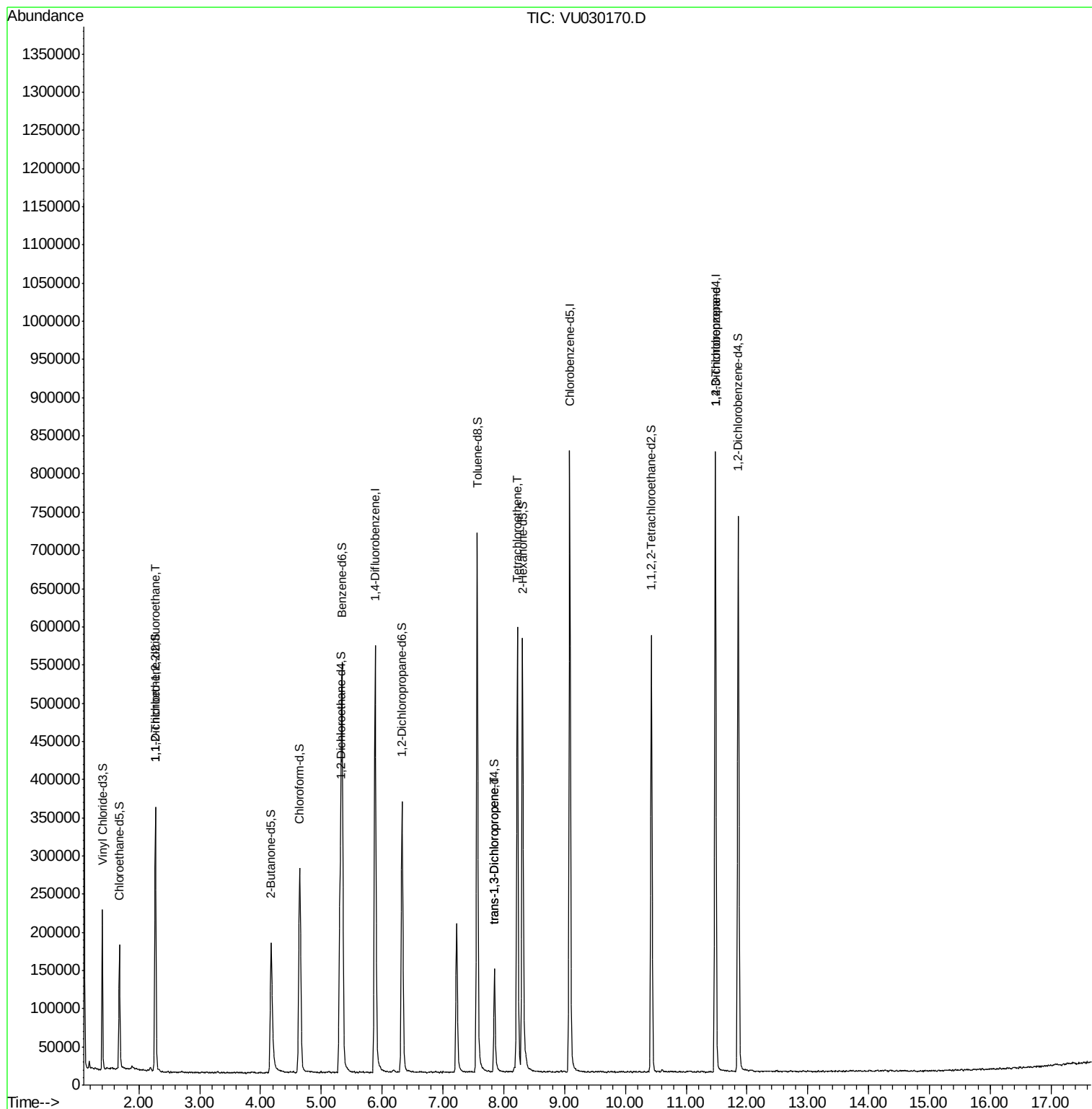
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2054	0.606 ug/L	# 17
44) trans-1,3-Dichloropropene	7.85	75	3206	0.600 ug/L	84
46) Tetrachloroethene	8.22	164	143538	43.779 ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	24573	5.018 ug/L	98

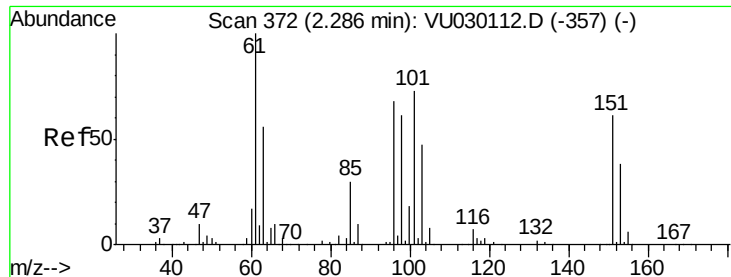
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.606 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

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Instrument :

MSVOA_U

ClientSampleId :

BF1H1DL

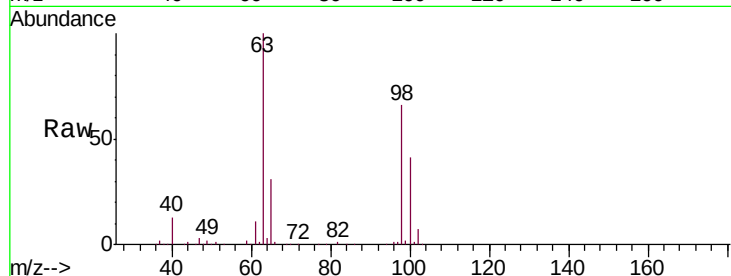
Tgt Ion: 101 Resp: 2054

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.4#

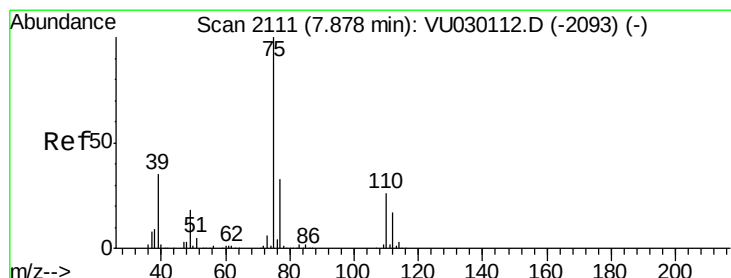
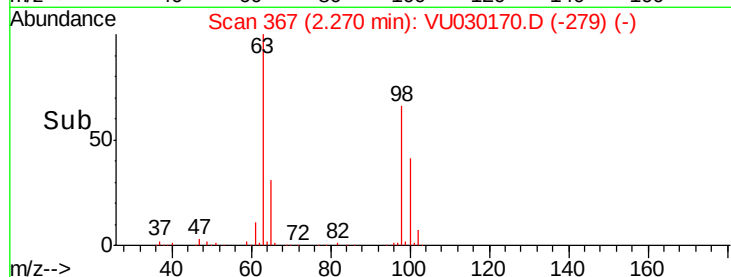
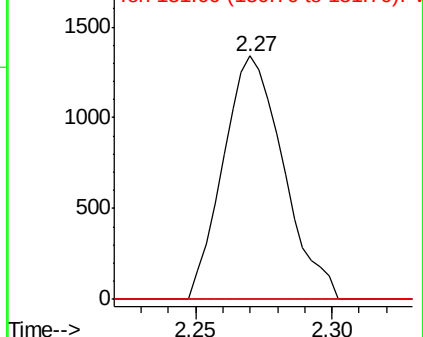
151 0.0 66.1 99.1#



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: 0.600 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

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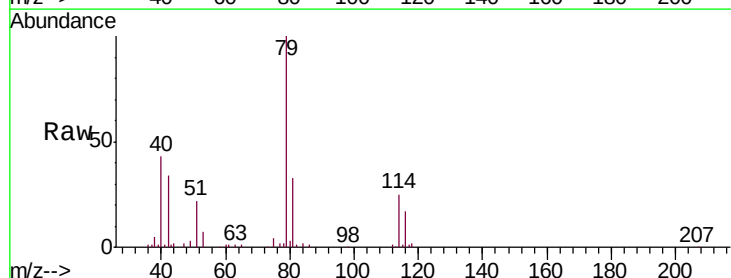
Acq: 18 Mar 2019 13:44

Tgt Ion: 75 Resp: 3206

Ion Ratio Lower Upper

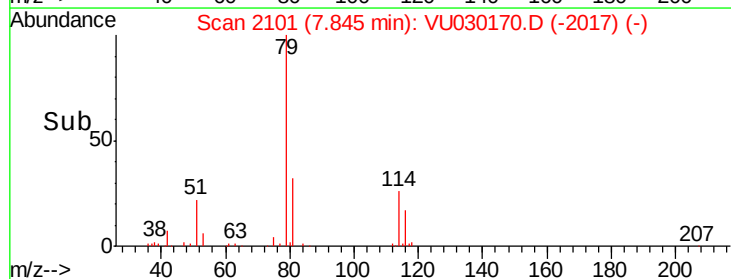
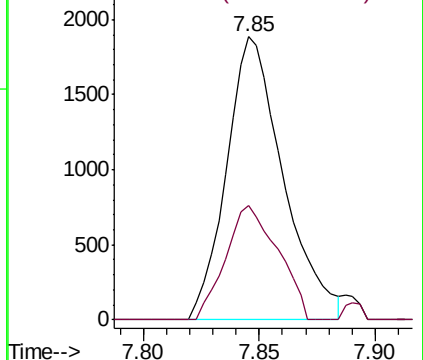
75 100

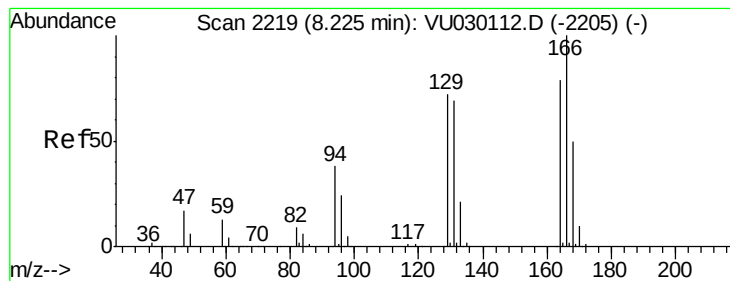
77 40.4 21.9 40.7



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#46

Tetrachloroethene

Concen: 43.779 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

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Tgt Ion:164 Resp: 143538

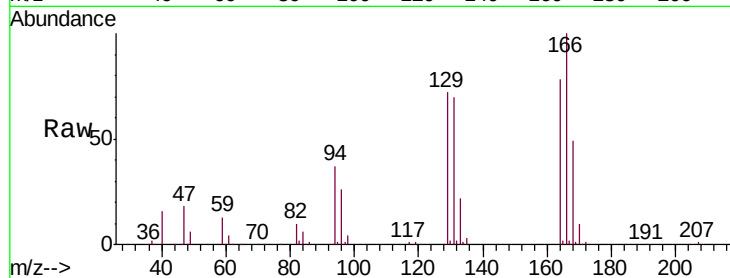
Ion Ratio Lower Upper

164 100

129 93.0 63.3 117.7

131 90.0 62.0 115.2

166 128.8 90.5 168.1

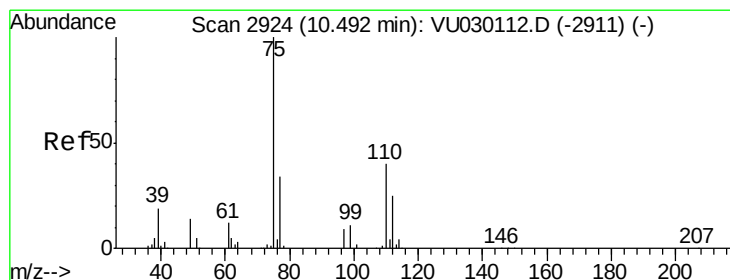
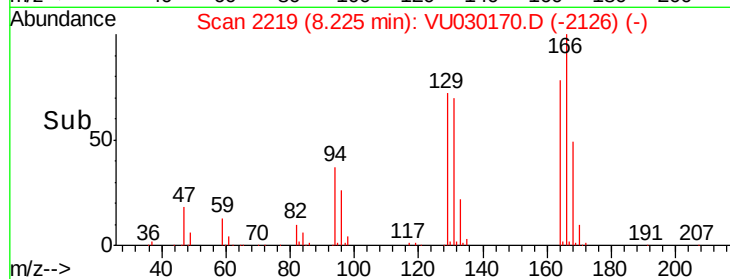
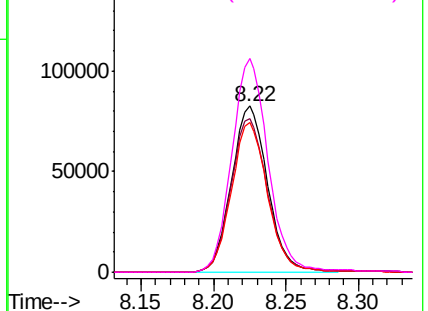


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#59

1,2,3-Trichloropropane

Concen: 5.018 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

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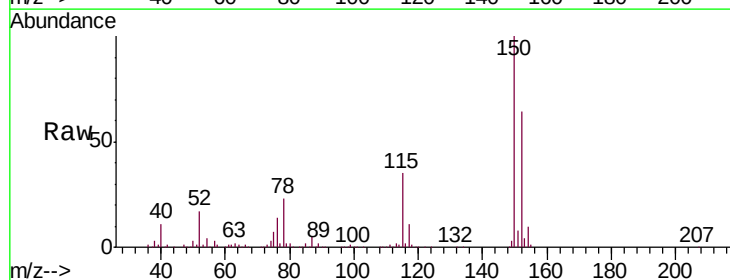
Acq: 18 Mar 2019 13:44

Tgt Ion: 75 Resp: 24573

Ion Ratio Lower Upper

75 100

77 33.5 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

