

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041719\
 Data File : VU031254.D
 Acq On : 17 Apr 2019 12:56
 Operator : JC/SP
 Sample : K2409-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Apr 18 04:54:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 18 04:50:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	477719	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	455797	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	184585	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	225631	51.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.58%
7) Chloroethane-d5	1.68	69	188064	49.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.46%
11) 1,1-Dichloroethene-d2	2.27	63	331532	38.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.08%
21) 2-Butanone-d5	4.19	46	326686	101.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.96%
24) Chloroform-d	4.64	84	344876	46.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.96%
26) 1,2-Dichloroethane-d4	5.31	65	226038	50.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.00%
32) Benzene-d6	5.34	84	688634	47.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.58%
36) 1,2-Dichloropropane-d6	6.33	67	227941	48.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.48%
41) Toluene-d8	7.56	98	613500	48.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.78%
43) trans-1,3-Dichloropropene-	7.85	79	104795	46.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.76%
47) 2-Hexanone-d5	8.31	63	229105	103.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.78%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	322200	49.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.26%
64) 1,2-Dichlorobenzene-d4	11.86	152	216532	51.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.30%

Target Compounds

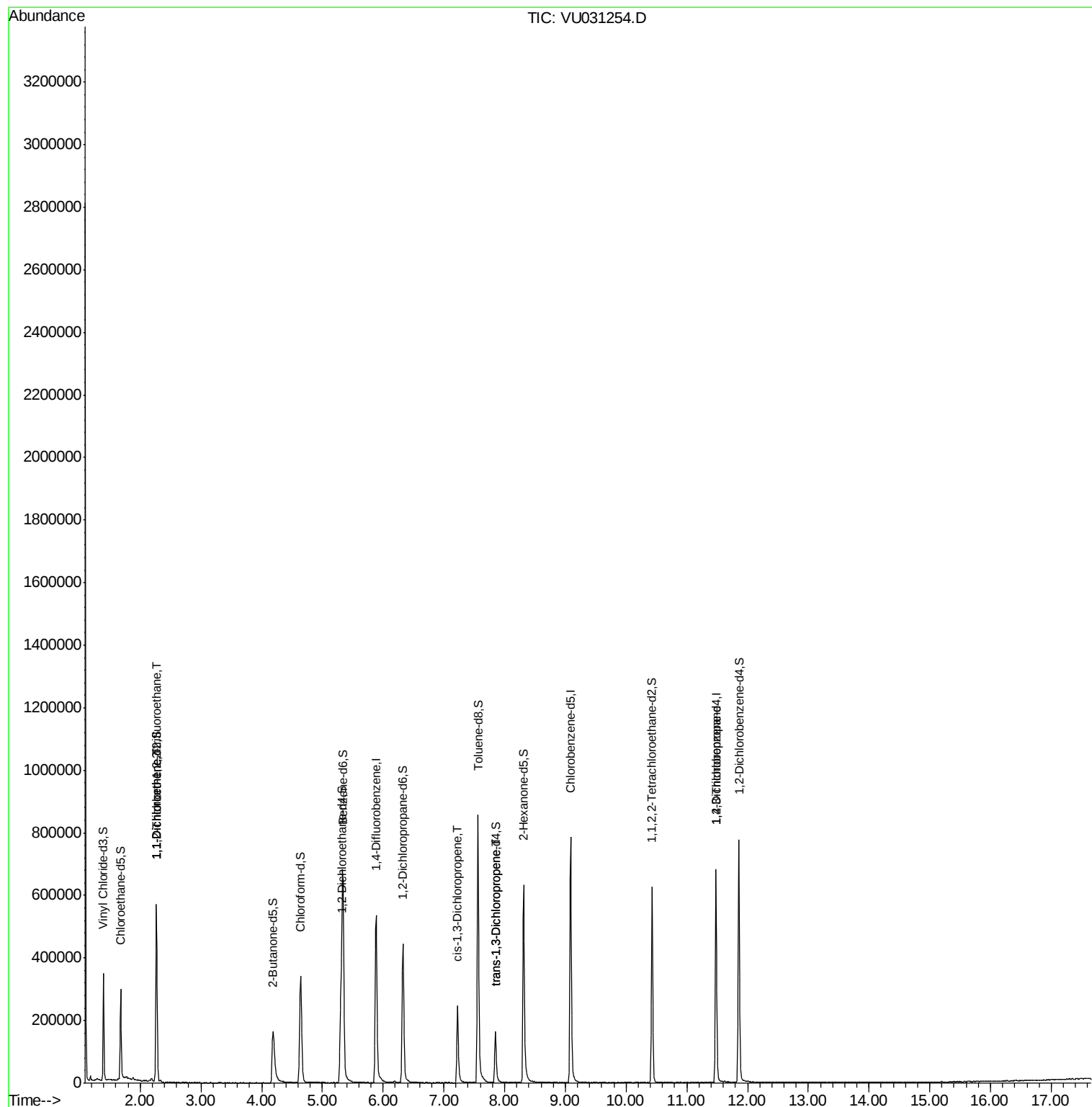
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2634	0.692 ug/L #	20
12) 1,1-Dichloroethene	2.27	96	2700	0.723 ug/L #	1
39) cis-1,3-Dichloropropene	7.23	75	6119	1.006 ug/L #	47
44) trans-1,3-Dichloropropene	7.85	75	3819	0.723 ug/L #	76
59) 1,2,3-Trichloropropane	11.48	75	21922	4.540 ug/L	90

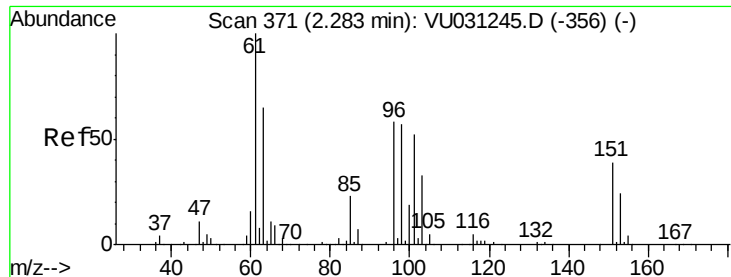
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Apr 18 04:50:11 2019
Response via : Initial Calibration





#10

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

Concen: 0.692 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031254.D

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ClientSampleId :

VHBLK01

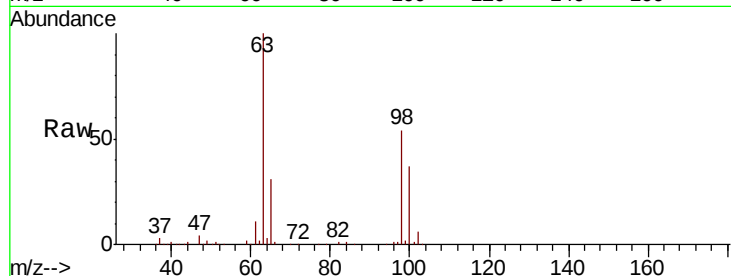
Tgt Ion: 101 Resp: 2634

Ion Ratio Lower Upper

101 100

85 1.6 35.4 53.0#

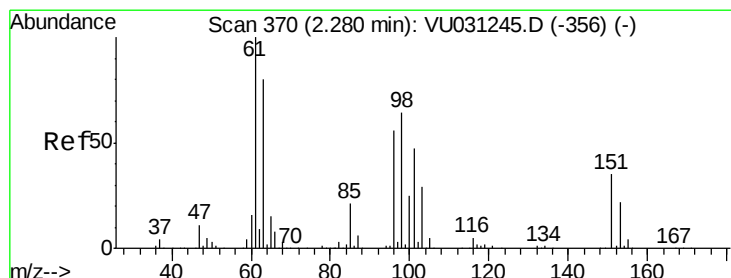
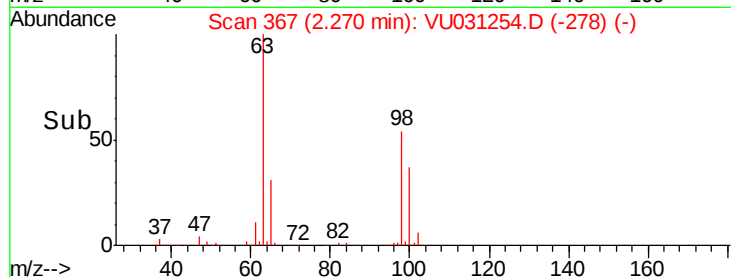
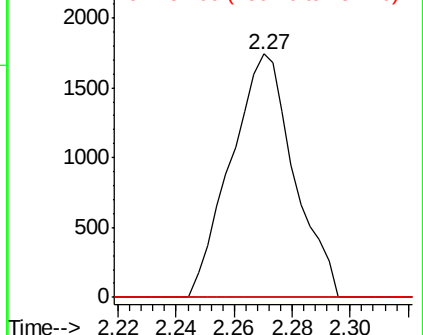
151 0.0 59.8 89.8#



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: 0.723 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031254.D

Acq: 17 Apr 2019 12:56

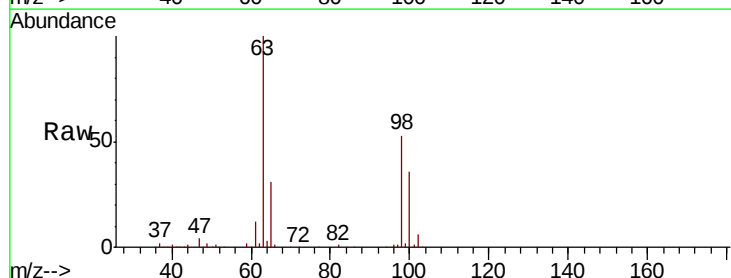
Tgt Ion: 96 Resp: 2700

Ion Ratio Lower Upper

96 100

61 1439.7 130.4 242.2#

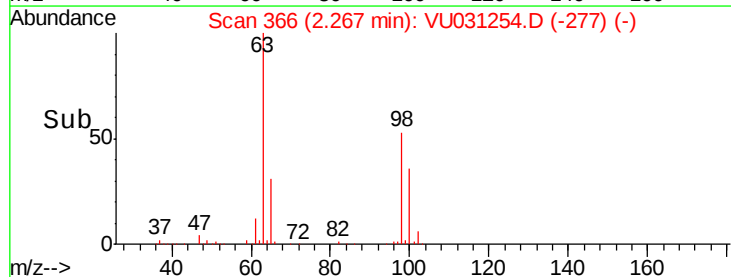
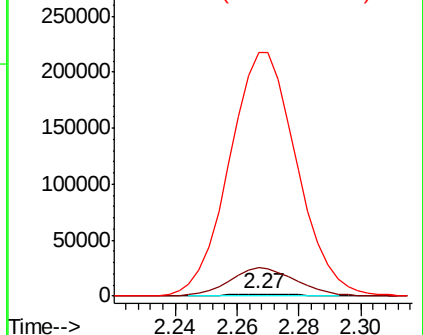
63 12441.0 108.9 202.3#

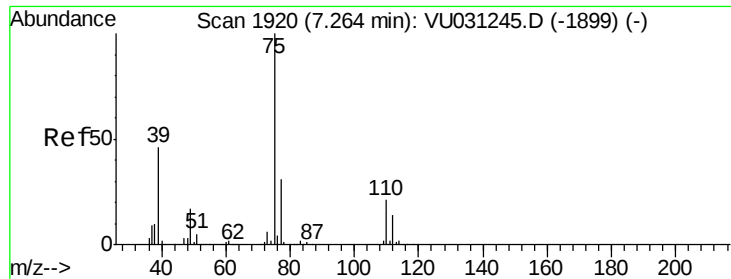


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

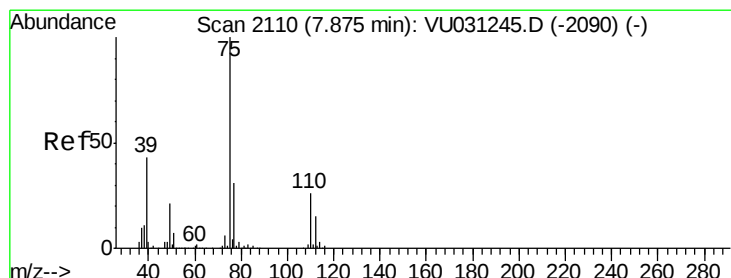
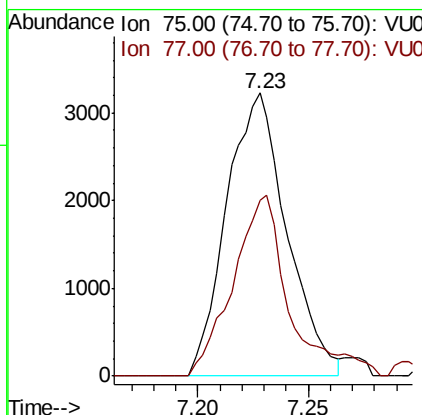
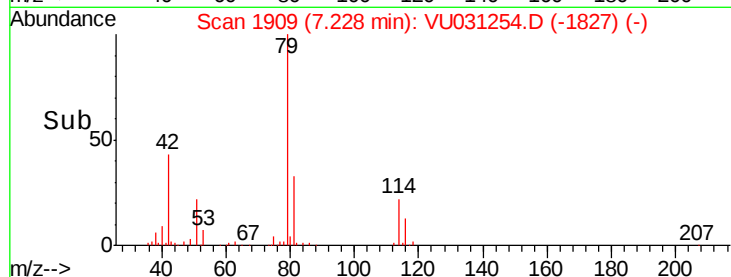
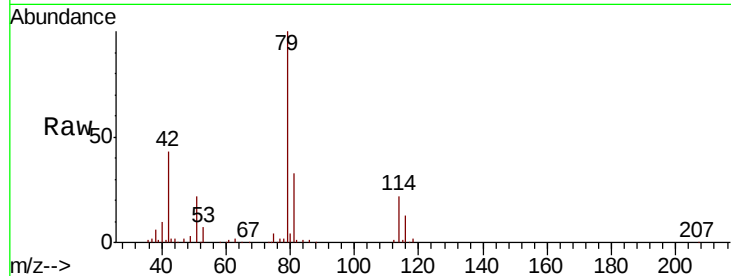




#39
 cis-1,3-Dichloropropene
 Concen: 1.006 ug/L
 RT: 7.23 min Scan# 1909
 Delta R.T. -0.04 min
 Lab File: VU031254.D
 Acq: 17 Apr 2019 12:56

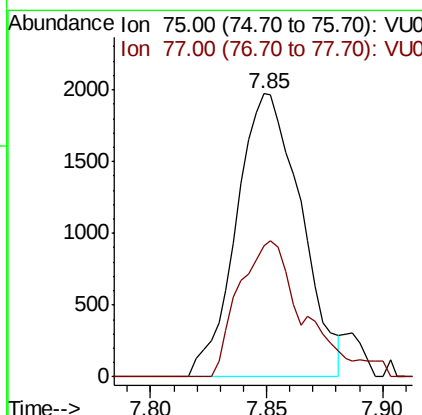
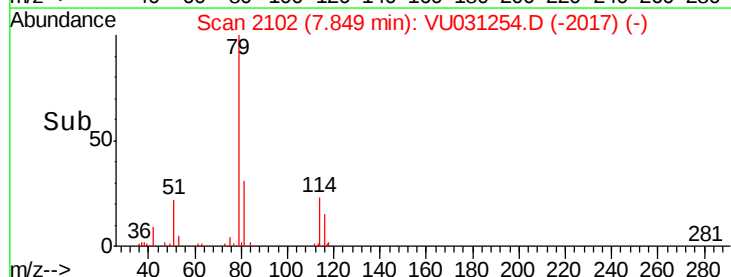
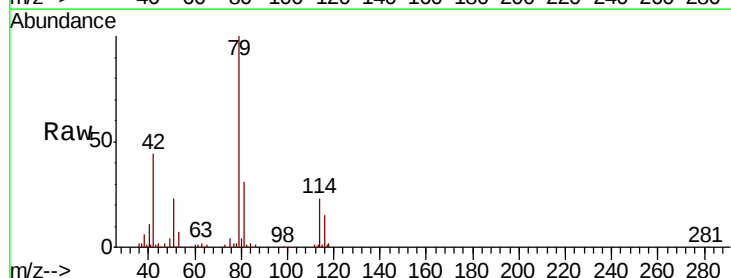
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

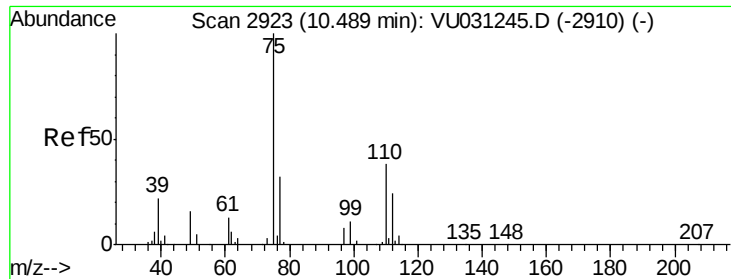
Tgt Ion: 75 Resp: 6119
 Ion Ratio Lower Upper
 75 100
 77 62.0 22.7 42.1#



#44
 trans-1,3-Dichloropropene
 Concen: 0.723 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU031254.D
 Acq: 17 Apr 2019 12:56

Tgt Ion: 75 Resp: 3819
 Ion Ratio Lower Upper
 75 100
 77 46.3 22.8 42.4#





#59

1,2,3-Trichloropropane

Concen: 4.540 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031254.D

Acq: 17 Apr 2019 12:56

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 21922

Ion Ratio Lower Upper

75 100

77 37.5 25.4 38.2

