

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041719\
 Data File : VU031231.D
 Acq On : 16 Apr 2019 23:28
 Operator : JC/SP
 Sample : VIBLK40
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK40

Quant Time: Apr 17 04:17:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 17 04:13:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	497604	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	473360	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	187516	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	196621	42.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.82%
7) Chloroethane-d5	1.68	69	157717	39.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.28%
11) 1,1-Dichloroethene-d2	2.27	63	276064	30.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.82%
21) 2-Butanone-d5	4.18	46	281671	84.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.39%
24) Chloroform-d	4.64	84	311465	40.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.46%
26) 1,2-Dichloroethane-d4	5.31	65	205329	43.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.22%
32) Benzene-d6	5.34	84	623694	41.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.36%
36) 1,2-Dichloropropane-d6	6.33	67	205954	42.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.82%
41) Toluene-d8	7.56	98	541618	41.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.26%
43) trans-1,3-Dichloropropene-	7.85	79	89615	38.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.20%
47) 2-Hexanone-d5	8.31	63	195381	85.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.22%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	280322	41.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.16%
64) 1,2-Dichlorobenzene-d4	11.86	152	190456	44.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.58%

Target Compounds

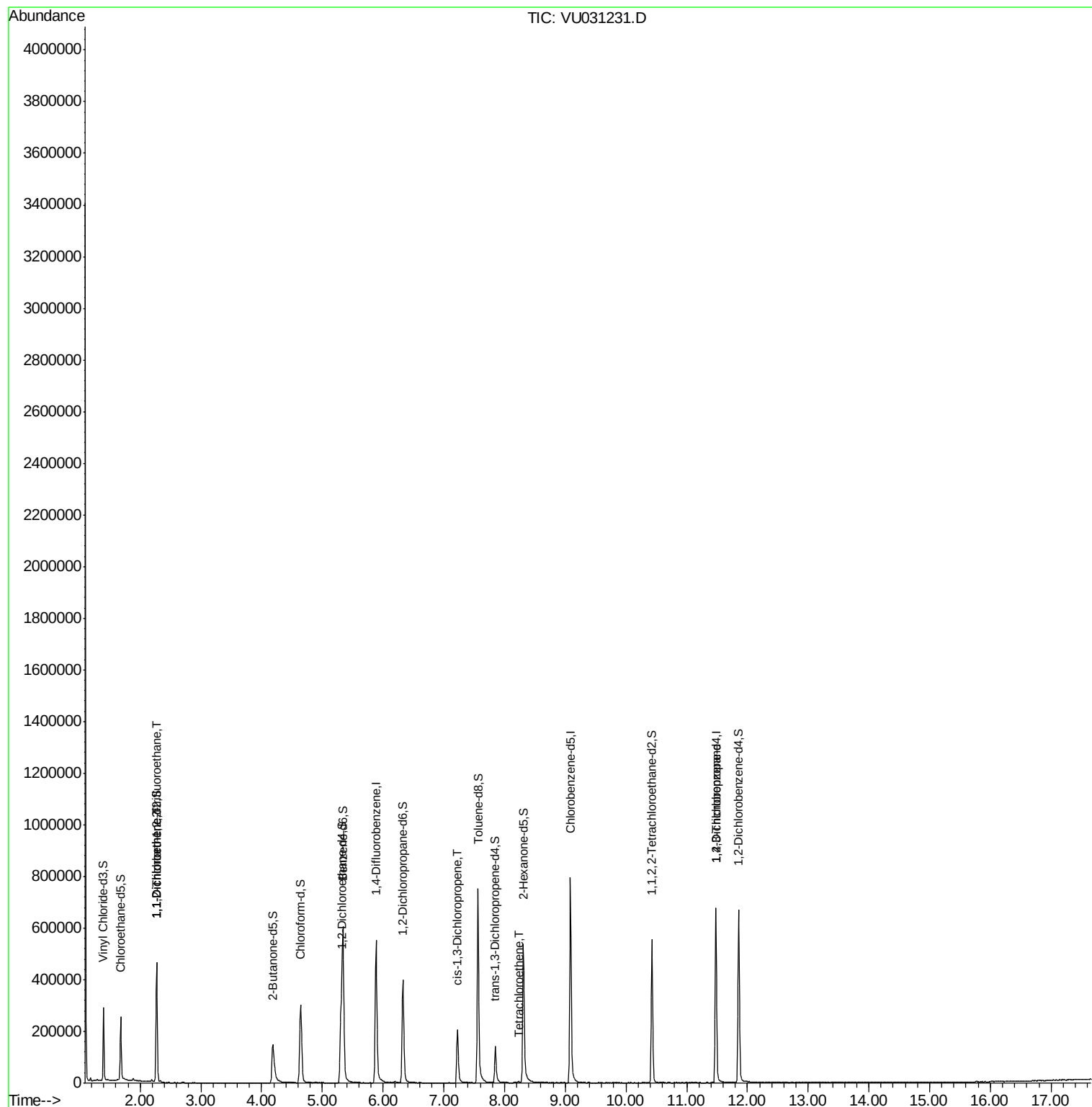
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2409	0.608 ug/L #	19
12) 1,1-Dichloroethene	2.28	96	4658	1.198 ug/L #	1
39) cis-1,3-Dichloropropene	7.23	75	4721	0.747 ug/L #	54
46) Tetrachloroethene	8.23	164	1237	0.413 ug/L	90
59) 1,2,3-Trichloropropane	11.48	75	20868	4.161 ug/L #	84

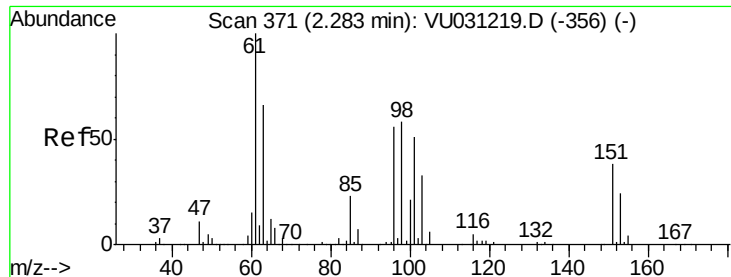
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.608 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

VIBLK40

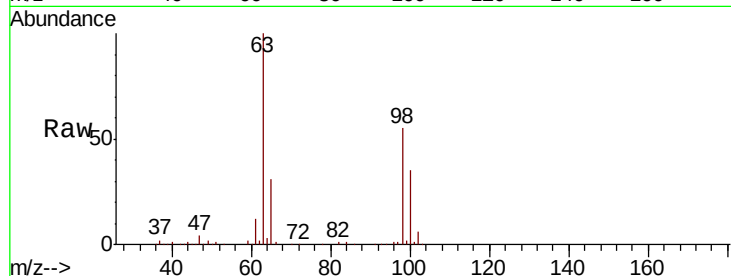
Tgt Ion: 101 Resp: 2409

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.0#

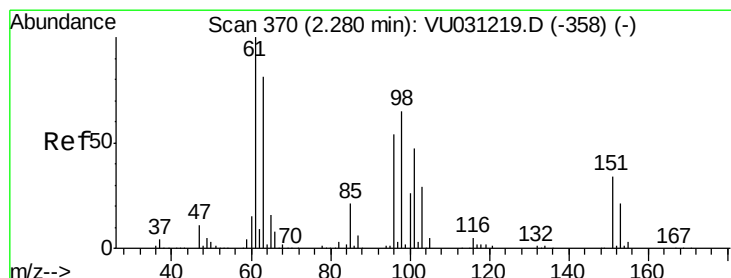
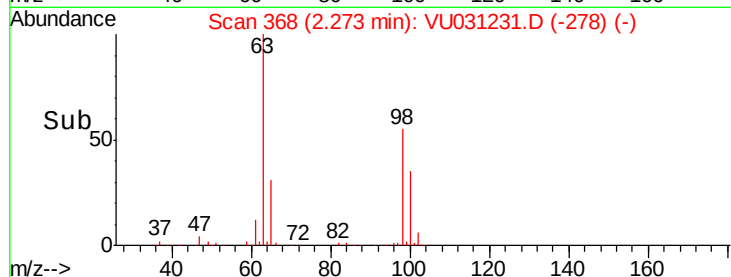
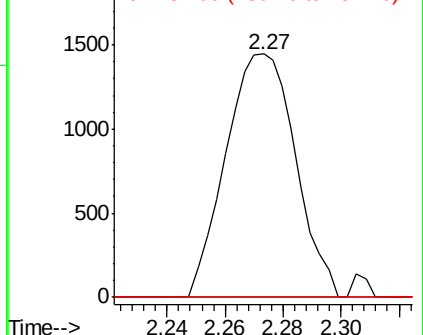
151 0.0 59.8 89.8#



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: 1.198 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.00 min

Lab File: VU031231.D

Acq: 16 Apr 2019 23:28

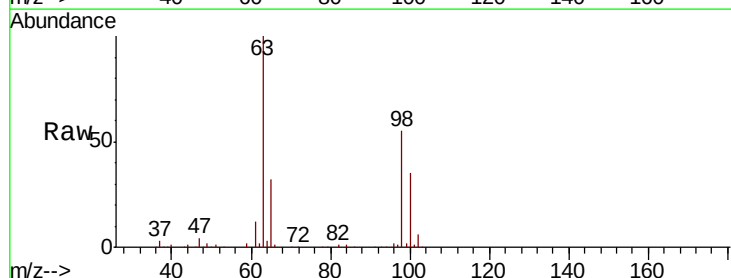
Tgt Ion: 96 Resp: 4658

Ion Ratio Lower Upper

96 100

61 793.3 130.4 242.2#

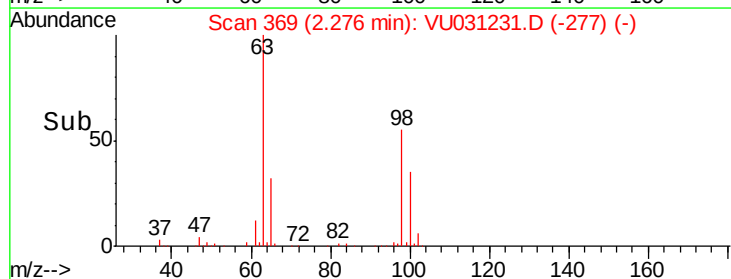
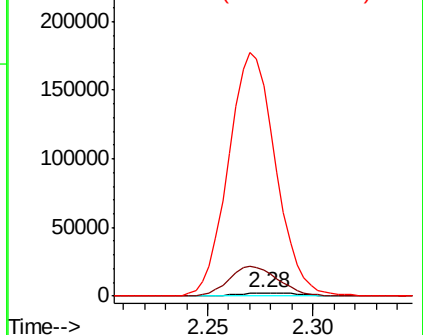
63 6437.7 108.9 202.3#

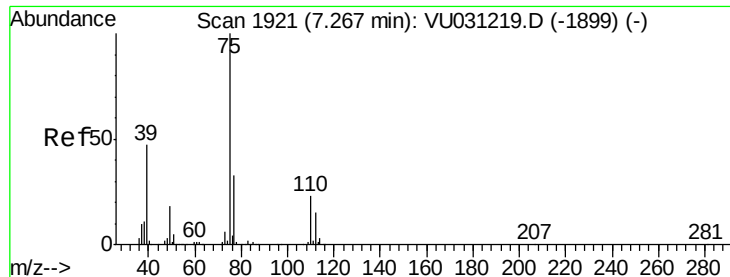


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#39

cis-1,3-Dichloropropene

Concen: 0.747 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

Lab File: VU031231.D

Acq: 16 Apr 2019 23:28

Instrument :

MSVOA_U

ClientSampled :

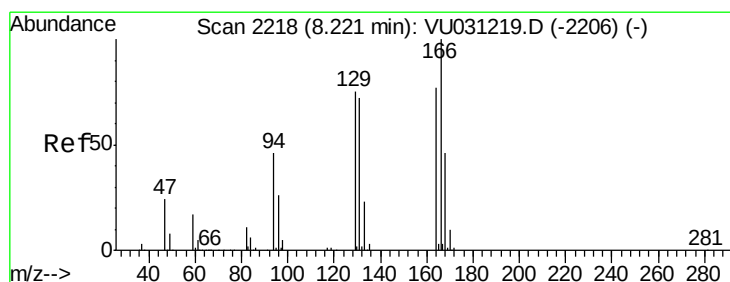
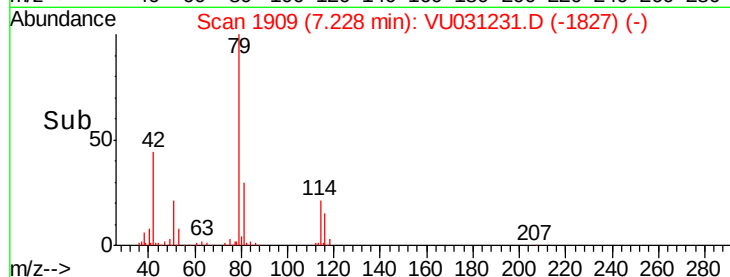
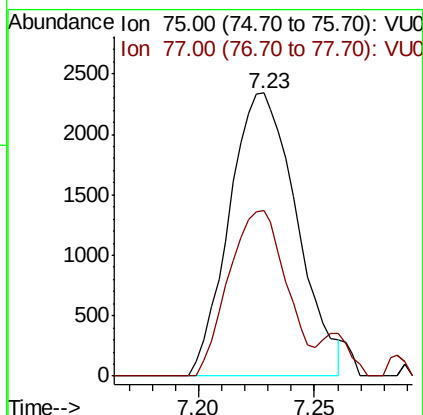
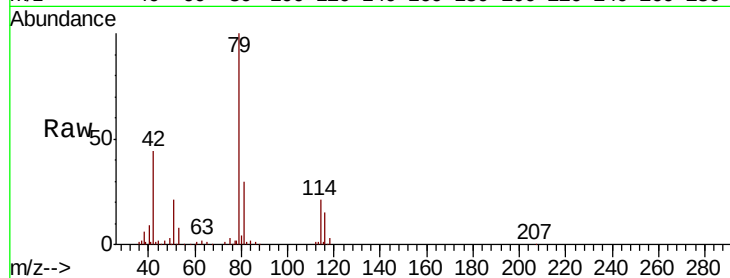
VIBLK40

Tgt Ion: 75 Resp: 4721

Ion Ratio Lower Upper

75 100

77 58.4 22.7 42.1#



#46

Tetrachloroethene

Concen: 0.413 ug/L

RT: 8.23 min Scan# 2222

Delta R.T. 0.01 min

Lab File: VU031231.D

Acq: 16 Apr 2019 23:28

Tgt Ion: 164 Resp: 1237

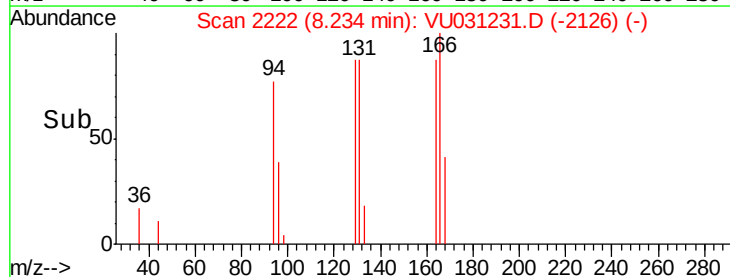
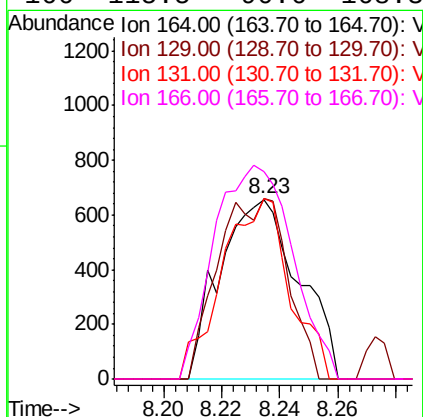
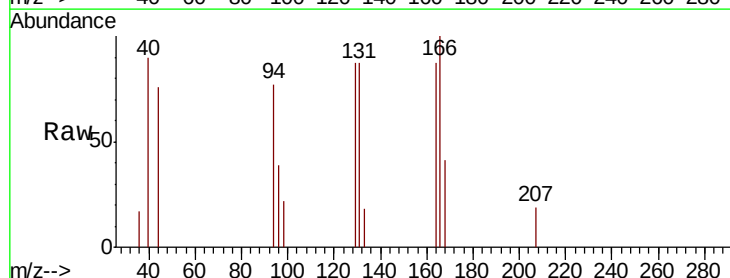
Ion Ratio Lower Upper

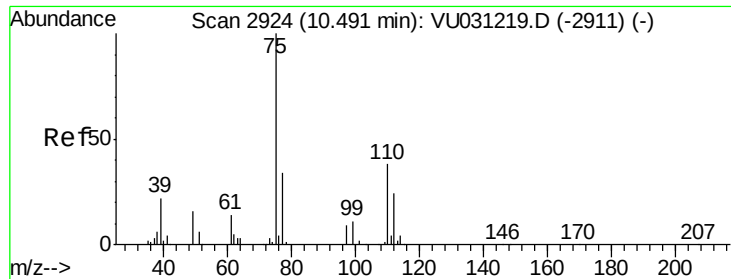
164 100

129 100.3 66.5 123.5

131 100.2 62.3 115.7

166 115.5 90.6 168.3





#59

1,2,3-Trichloropropane

Concen: 4.161 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031231.D

Acq: 16 Apr 2019 23:28

Instrument :

MSVOA_U

ClientSampleId :

VIBLK40

Tgt Ion: 75 Resp: 20868

Ion Ratio Lower Upper

75 100

77 40.7 25.4 38.2#

