

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041719\
 Data File : VU031247.D
 Acq On : 17 Apr 2019 10:13
 Operator : JC/SP
 Sample : VU0417WBL02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK34

Quant Time: Apr 18 04:53:18 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	509516	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	476347	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	199904	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	247854	52.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.64%
7) Chloroethane-d5	1.68	69	196867	48.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.64%
11) 1,1-Dichloroethene-d2	2.27	63	338150	36.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.76%
21) 2-Butanone-d5	4.19	46	385308	112.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.75%
24) Chloroform-d	4.64	84	354265	45.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.50%
26) 1,2-Dichloroethane-d4	5.31	65	235643	48.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.74%
32) Benzene-d6	5.34	84	722045	47.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.90%
36) 1,2-Dichloropropane-d6	6.32	67	243258	49.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.54%
41) Toluene-d8	7.56	98	631043	47.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.24%
43) trans-1,3-Dichloropropene-	7.85	79	109653	46.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.88%
47) 2-Hexanone-d5	8.31	63	244997	106.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.19%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	341611	50.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.70%
64) 1,2-Dichlorobenzene-d4	11.86	152	231645	50.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.06%

Target Compounds

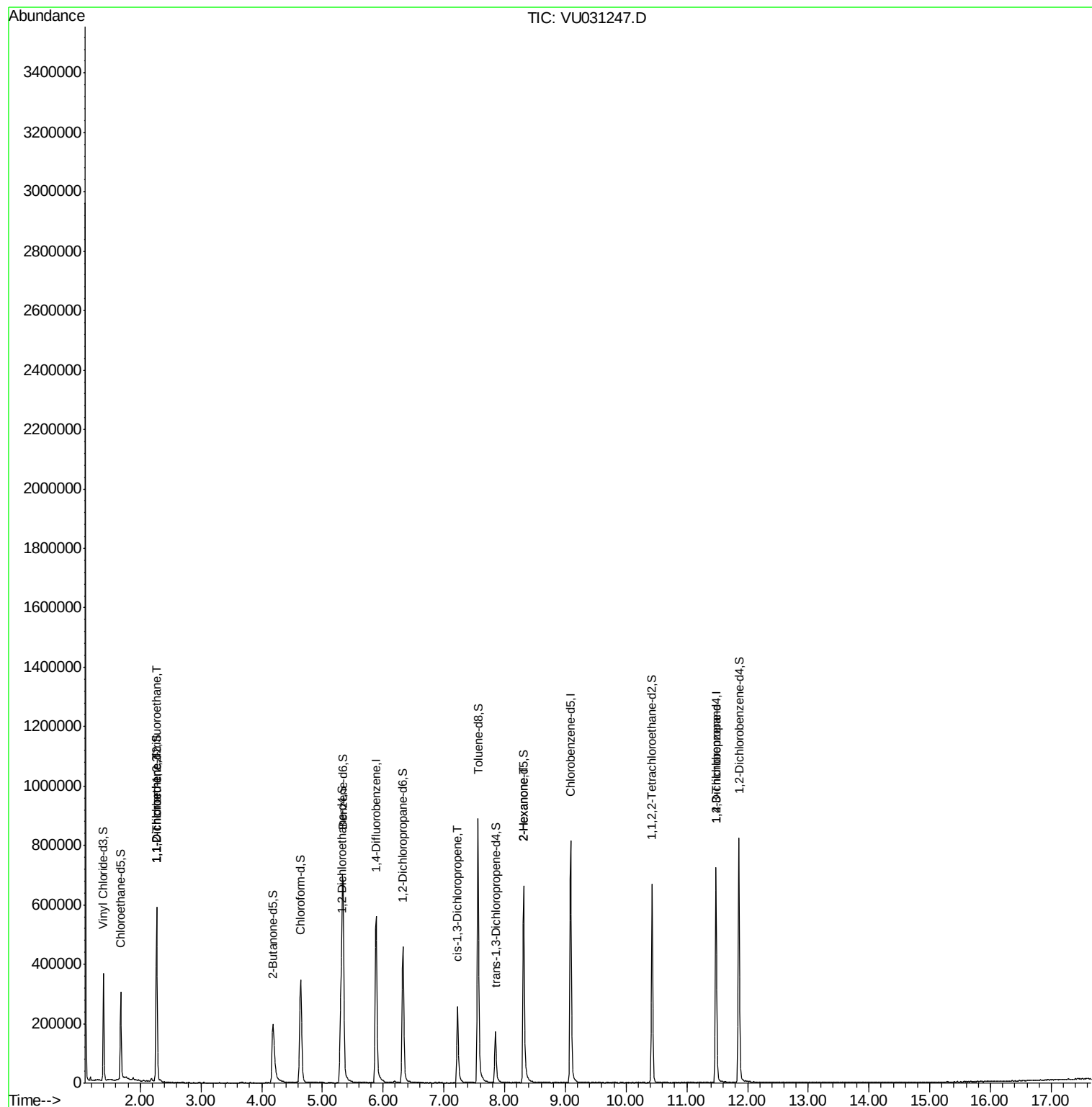
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3072	0.757 ug/L #	19
12) 1,1-Dichloroethene	2.27	96	2519	0.633 ug/L #	1
39) cis-1,3-Dichloropropene	7.22	75	6575	1.034 ug/L #	75
48) 2-Hexanone	8.31	43	28269	5.937 ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	22947	4.547 ug/L	89

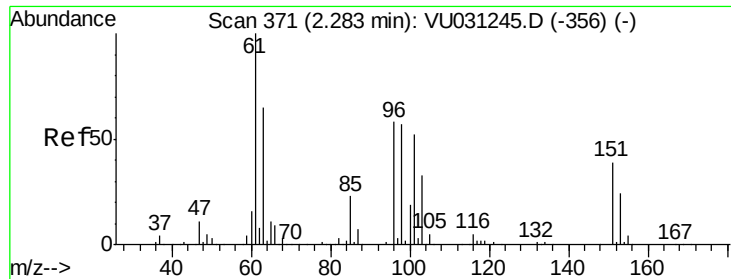
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 18 04:50:11 2019
Response via : Initial Calibration





#10

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

Concen: 0.757 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

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VBLK34

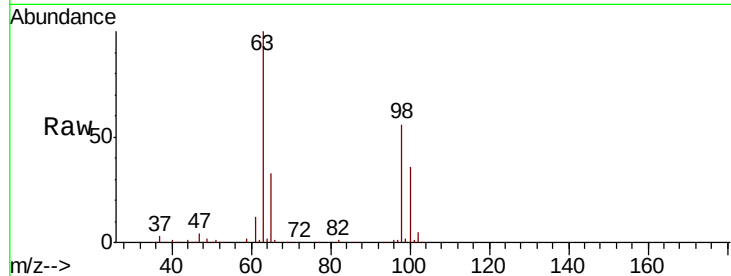
Tgt Ion: 101 Resp: 3072

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.0#

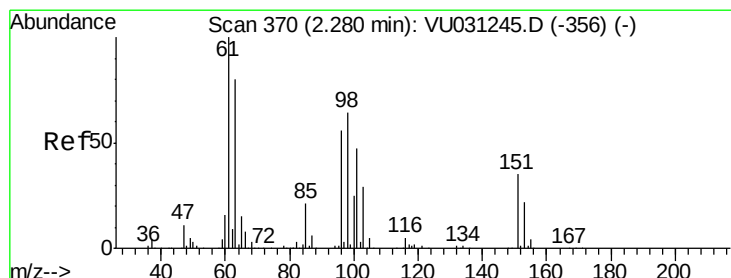
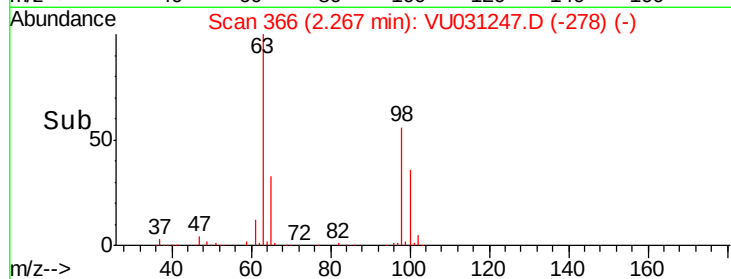
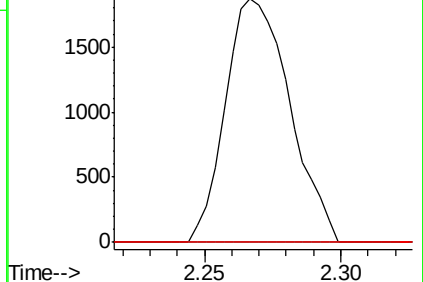
151 0.0 59.8 89.8#



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: 0.633 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031247.D

Acq: 17 Apr 2019 10:13

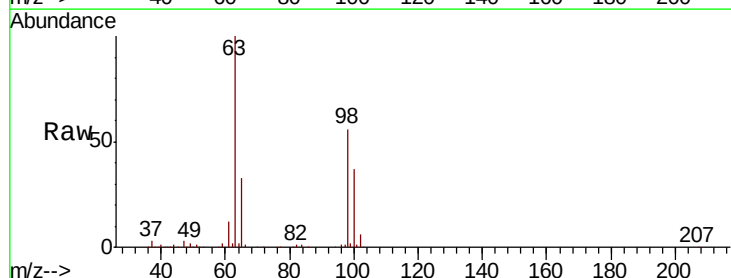
Tgt Ion: 96 Resp: 2519

Ion Ratio Lower Upper

96 100

61 1387.8 130.4 242.2#

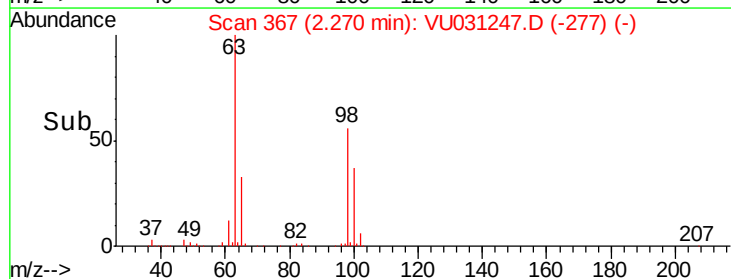
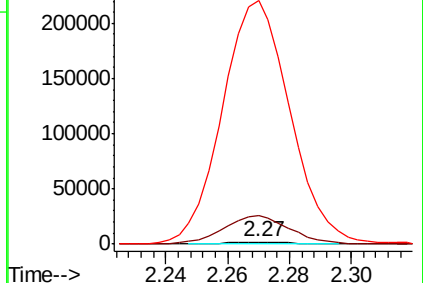
63 11885.7 108.9 202.3#

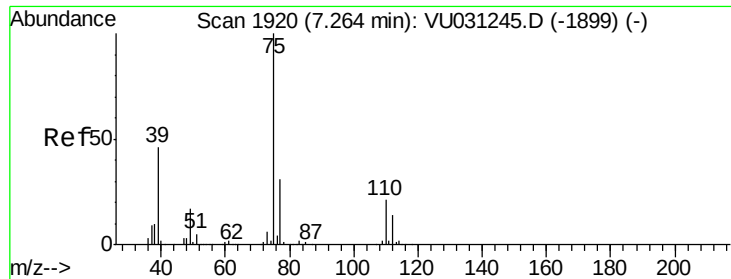


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#39

cis-1,3-Dichloropropene

Concen: 1.034 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

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MSVOA_U

ClientSampleId :

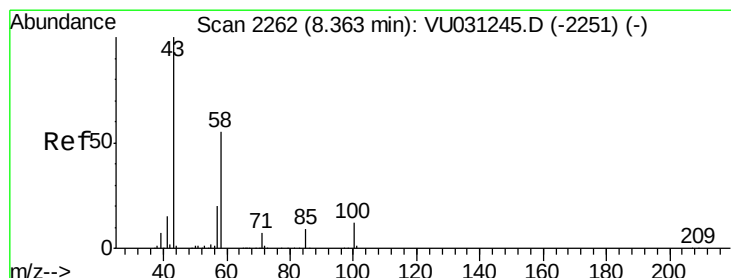
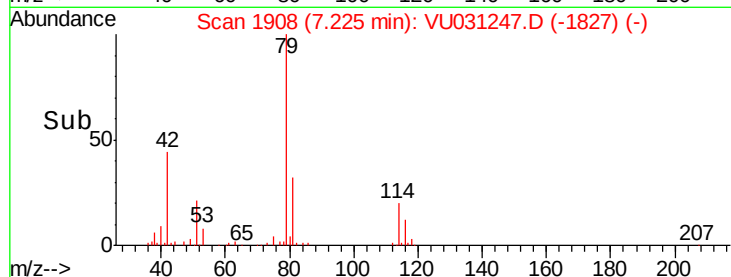
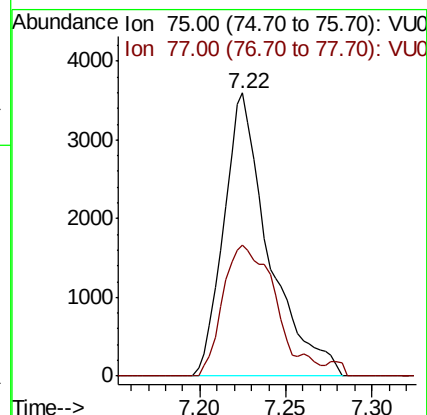
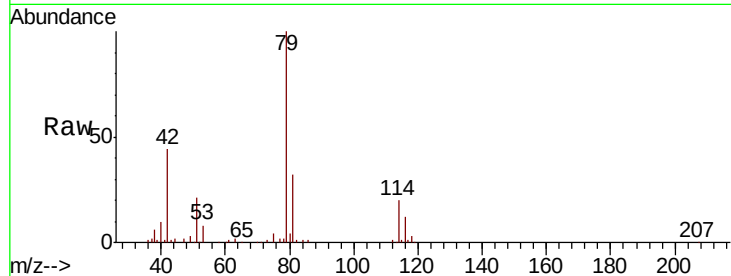
VBLK34

Tgt Ion: 75 Resp: 6575

Ion Ratio Lower Upper

75 100

77 46.5 22.7 42.1#



#48

2-Hexanone

Concen: 5.937 ug/L

RT: 8.31 min Scan# 2246

Delta R.T. -0.05 min

Lab File: VU031247.D

Acq: 17 Apr 2019 10:13

Tgt Ion: 43 Resp: 28269

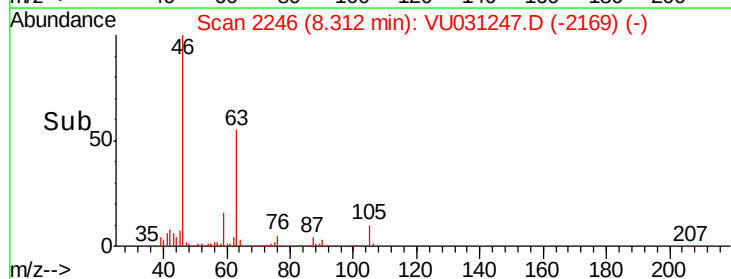
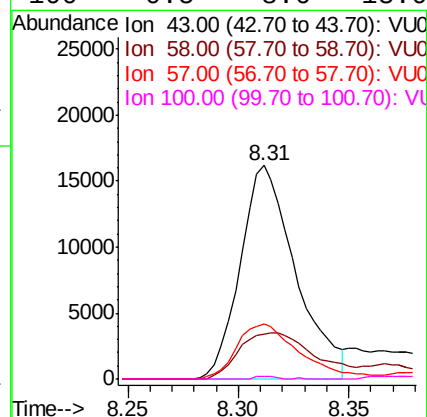
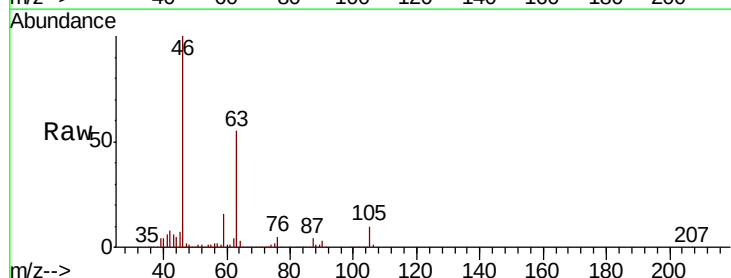
Ion Ratio Lower Upper

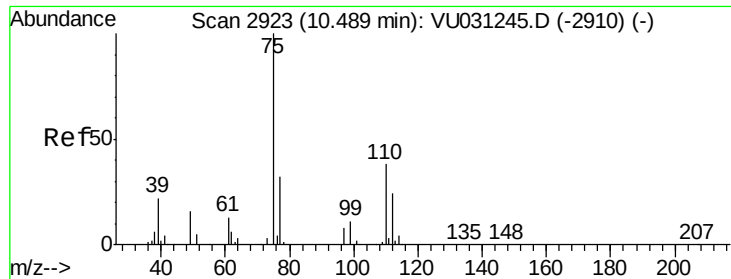
43 100

58 29.4 44.9 67.3#

57 29.4 15.1 22.7#

100 0.5 8.6 13.0#





#59

1,2,3-Trichloropropane

Concen: 4.547 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031247.D

Acq: 17 Apr 2019 10:13

Instrument :

MSVOA_U

ClientSampleId :

VBLK34

Tgt Ion: 75 Resp: 22947

Ion Ratio Lower Upper

75 100

77 38.0 25.4 38.2

