

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032219\
 Data File : VU030299.D
 Acq On : 22 Mar 2019 11:41
 Operator : JC/SP
 Sample : K1967-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Mar 23 02:36:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 02:31:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	505829	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	489038	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	225077	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	166247	48.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.22%
7) Chloroethane-d5	1.68	69	140556	51.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.78%
11) 1,1-Dichloroethene-d2	2.27	63	224886	36.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.08%
21) 2-Butanone-d5	4.17	46	273858	107.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.93%
24) Chloroform-d	4.65	84	303872	48.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.82%
26) 1,2-Dichloroethane-d4	5.31	65	183837	51.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.70%
32) Benzene-d6	5.34	84	662116	51.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.76%
36) 1,2-Dichloropropane-d6	6.33	67	210780	52.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.72%
41) Toluene-d8	7.56	98	592565	48.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.80%
43) trans-1,3-Dichloropropene-	7.85	79	95297	49.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.16%
47) 2-Hexanone-d5	8.31	63	223315	108.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.00%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	314164	51.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	234252	51.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.68%

Target Compounds

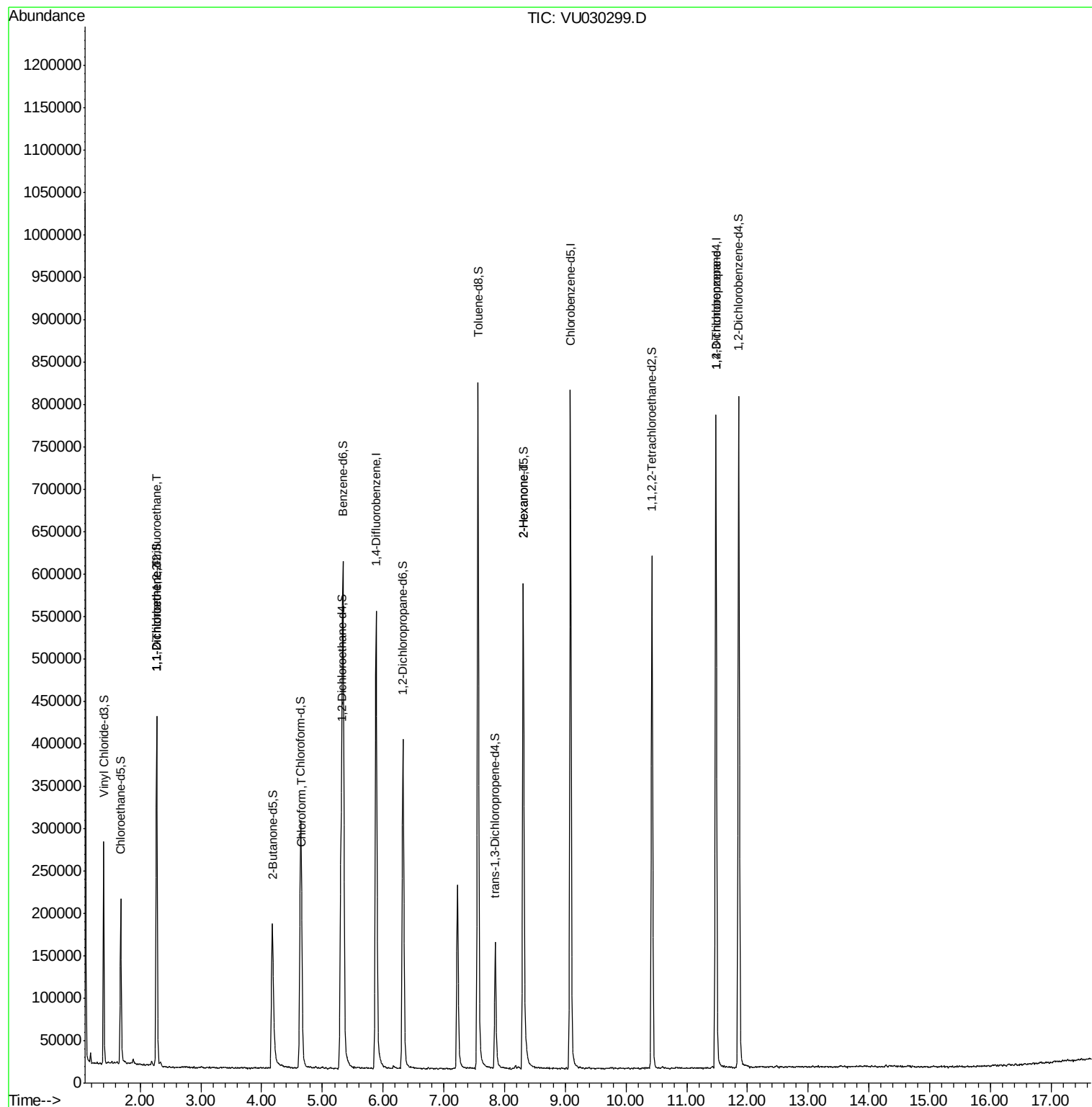
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2231	0.657 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	2203	0.653 ug/L #	1
25) Chloroform	4.67	83	4770	0.748 ug/L #	71
48) 2-Hexanone	8.31	43	20830	5.053 ug/L #	63
59) 1,2,3-Trichloropropane	11.48	75	24755	5.069 ug/L	99

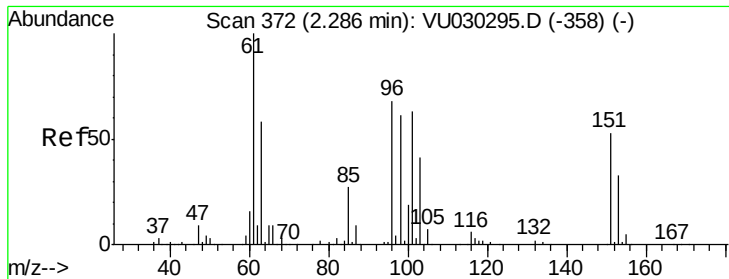
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 23 02:31:55 2019
Response via : Initial Calibration





#10

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

Concen: 0.657 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030299.D

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VHBLK01

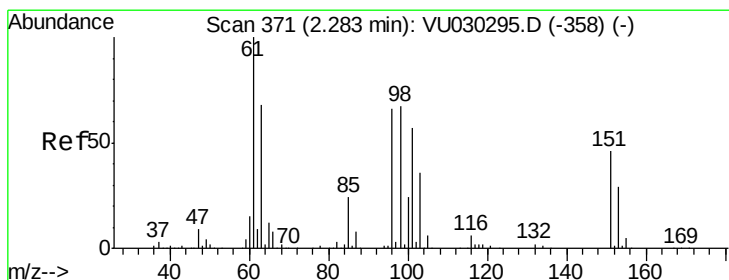
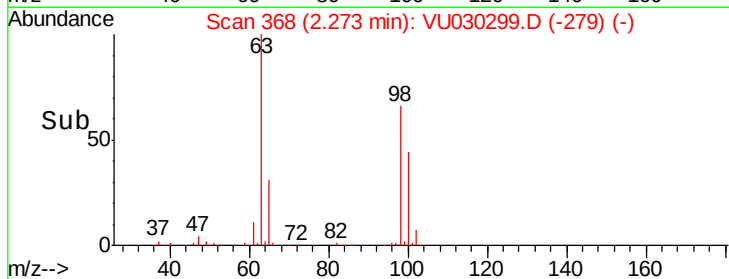
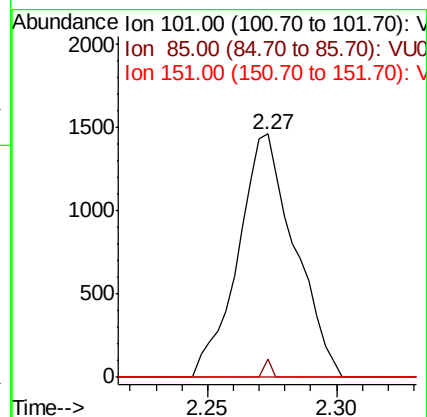
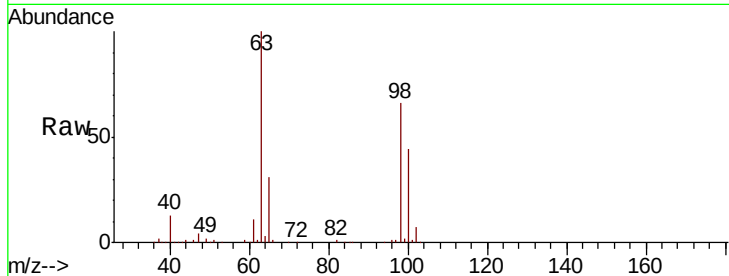
Tgt Ion: 101 Resp: 2231

Ion Ratio Lower Upper

101 100

85 0.0 32.5 48.7#

151 0.0 64.7 97.1#



#12

1,1-Dichloroethene

Concen: 0.653 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030299.D

Acq: 22 Mar 2019 11:41

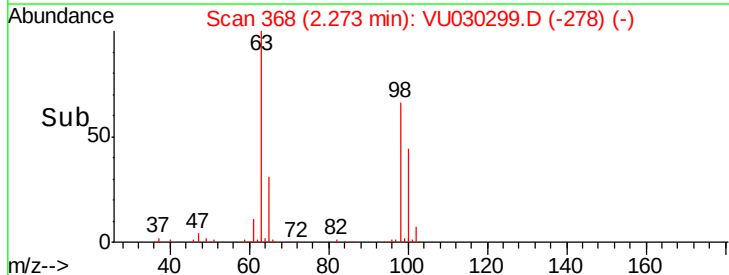
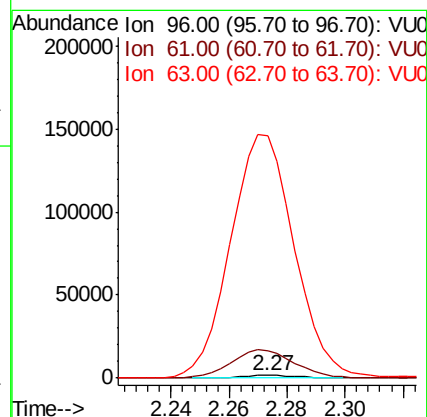
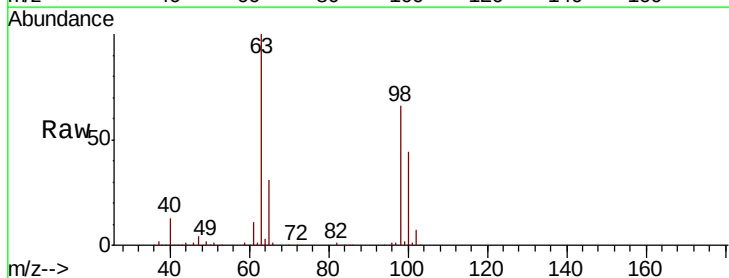
Tgt Ion: 96 Resp: 2203

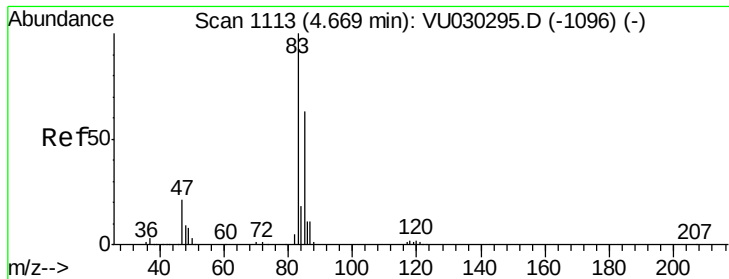
Ion Ratio Lower Upper

96 100

61 1082.9 104.6 194.2#

63 9444.3 77.2 143.4#





#25

Chloroform

Concen: 0.748 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VU030299.D

Acq: 22 Mar 2019 11:41

Instrument :

MSVOA_U

ClientSampleId :

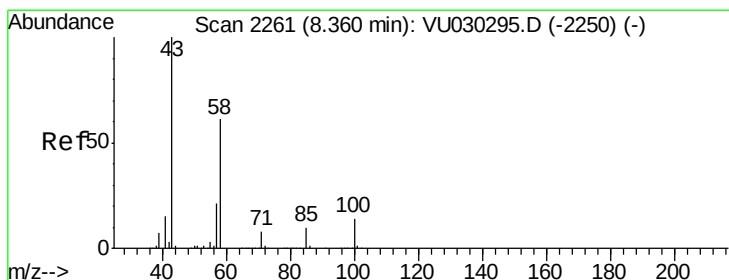
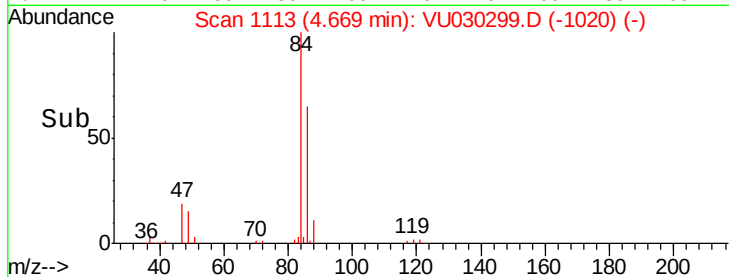
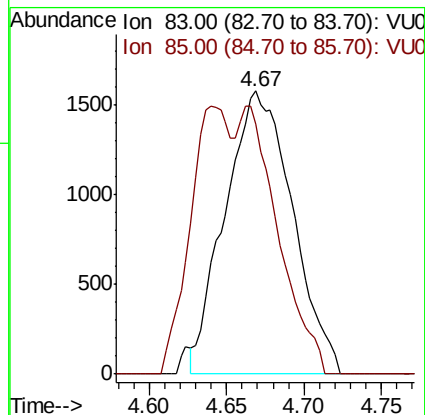
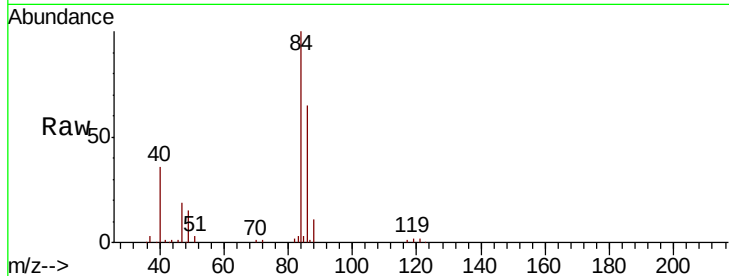
VHBLK01

Tgt Ion: 83 Resp: 4770

Ion Ratio Lower Upper

83 100

85 88.1 45.8 85.2#



#48

2-Hexanone

Concen: 5.053 ug/L

RT: 8.31 min Scan# 2245

Delta R.T. -0.05 min

Lab File: VU030299.D

Acq: 22 Mar 2019 11:41

Tgt Ion: 43 Resp: 20830

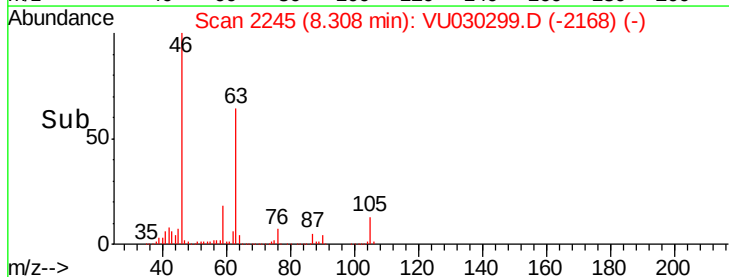
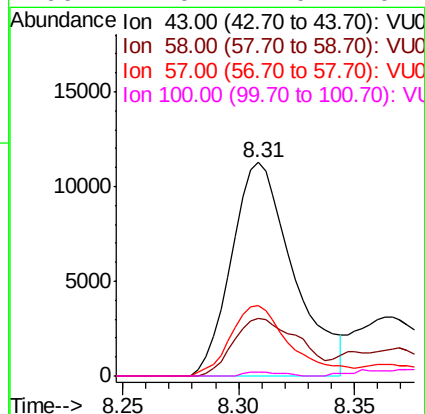
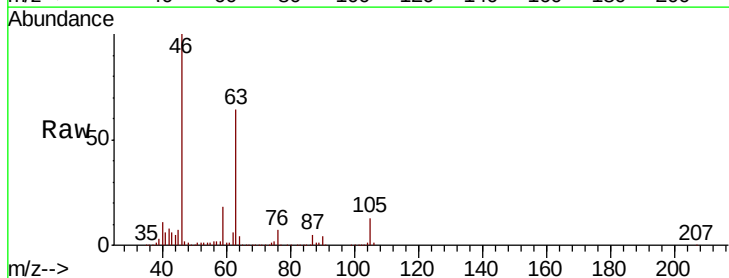
Ion Ratio Lower Upper

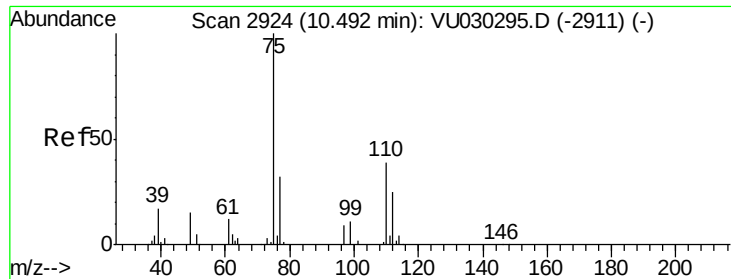
43 100

58 28.6 49.3 73.9#

57 31.9 17.0 25.4#

100 1.0 11.0 16.4#





#59

1,2,3-Trichloropropane

Concen: 5.069 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030299.D

Acq: 22 Mar 2019 11:41

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 24755

Ion Ratio Lower Upper

75 100

77 32.6 25.8 38.8

