

Data File : VU029628.D
Acq On : 22 Feb 2019 18:33
Operator : JC/SP
Sample : K1543-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Feb 22 23:11:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 22 23:08:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	482459	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	464019	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	227403	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	133983	37.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.80%
7) Chloroethane-d5	1.68	69	121300	38.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.18%
11) 1,1-Dichloroethene-d2	2.27	63	202850	29.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.70%#
21) 2-Butanone-d5	4.17	46	213515	99.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.24%
24) Chloroform-d	4.65	84	257181	44.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.70%
26) 1,2-Dichloroethane-d4	5.31	65	167853	46.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.48%
32) Benzene-d6	5.34	84	536277	45.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.86%
36) 1,2-Dichloropropane-d6	6.33	67	169590	48.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.56%
41) Toluene-d8	7.56	98	494979	41.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.08%
43) trans-1,3-Dichloropropene-	7.85	79	76693	41.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.32%
47) 2-Hexanone-d5	8.31	63	182516	93.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.30%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	269420	45.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.78%
64) 1,2-Dichlorobenzene-d4	11.86	152	214703	43.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.62%

Target Compounds

					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2243	0.667	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1861	0.582	ug/L #	1
39) cis-1,3-Dichloropropene	7.22	75	4278	0.849	ug/L #	69
48) 2-Hexanone	8.31	43	18706	4.876	ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	22471	5.047	ug/L	94

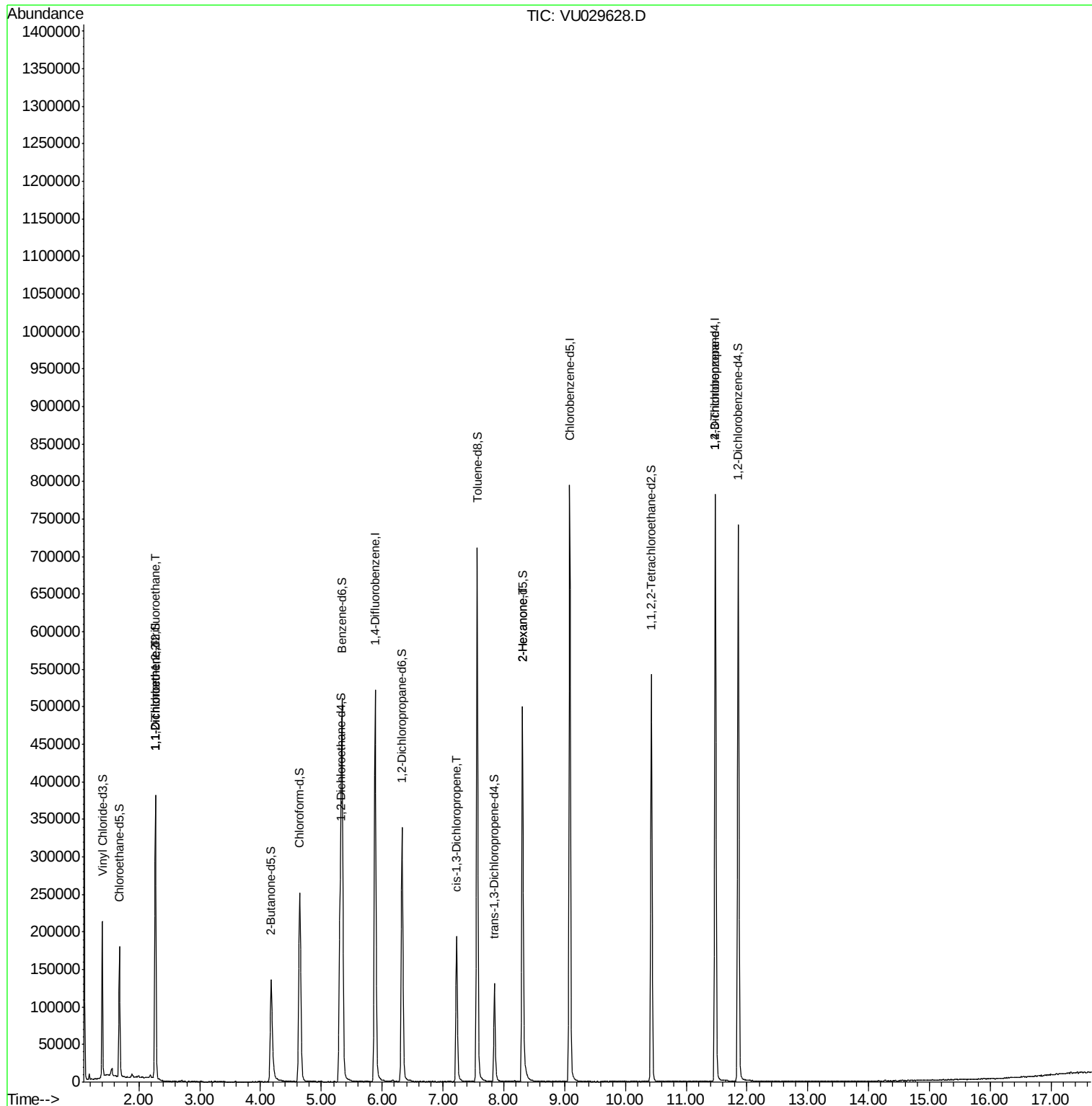
(#) = qualifier out of range (m) = manual integration (+) = signals summed

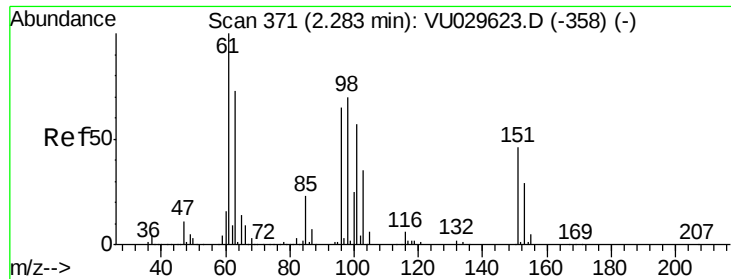
Data File : VU029628.D

```
Acq On       : 22 Feb 2019   18:33
Operator     : JC/SP
Sample       : K1543-17
Misc         : 5.0mL/MSVOA_U/WATER
ALS Vial     : 27      Sample Multiplier: 1
```

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Feb 22 23:11:47 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 22 23:08:46 2019
Response via : Initial Calibration





#10

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

Concen: 0.667 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029628.D

Acq: 22 Feb 2019 18:33

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

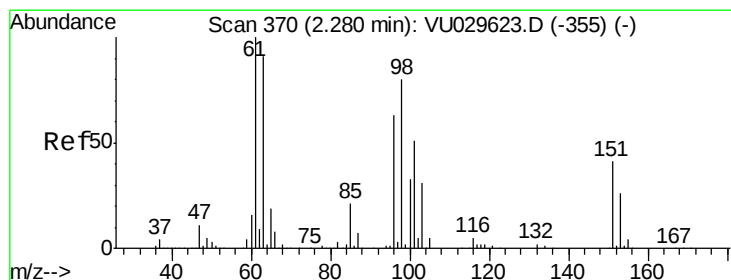
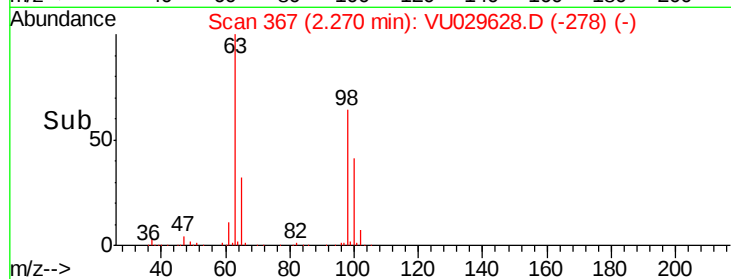
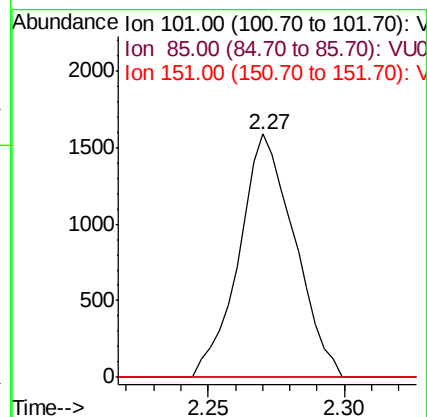
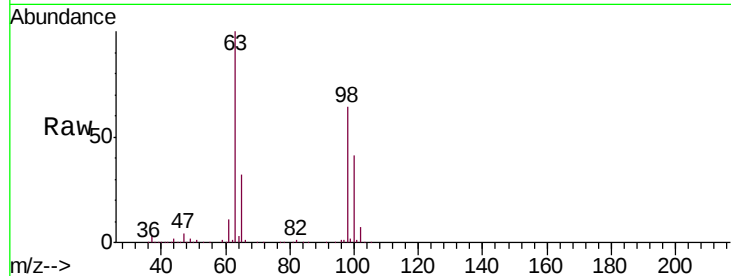
Tgt Ion: 101 Resp: 2243

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.6#

151 0.0 65.7 98.5#



#12

1,1-Dichloroethene

Concen: 0.582 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029628.D

Acq: 22 Feb 2019 18:33

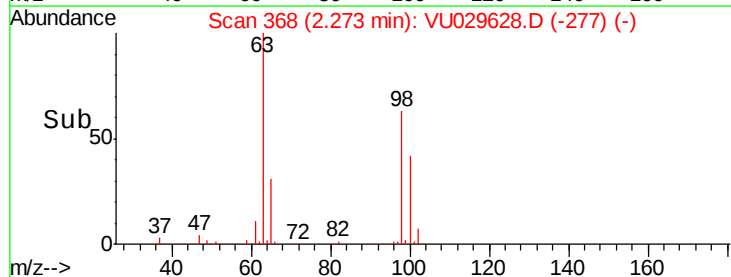
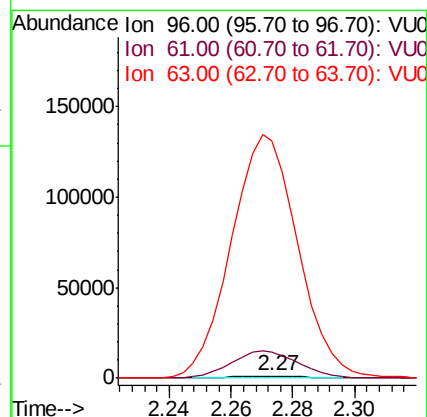
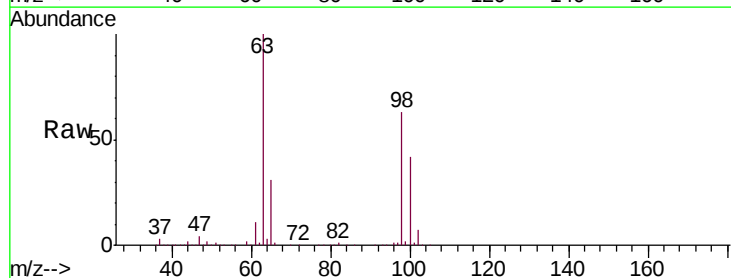
Tgt Ion: 96 Resp: 1861

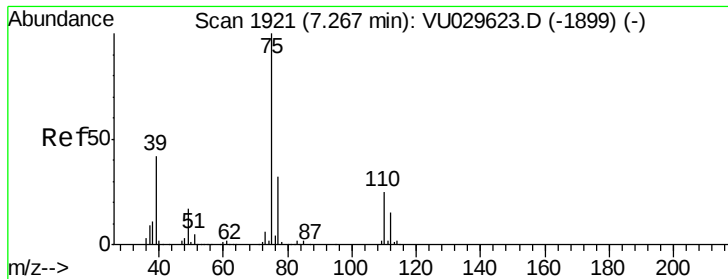
Ion Ratio Lower Upper

96 100

61 1236.6 114.0 211.8#

63 11363.7 98.7 183.3#

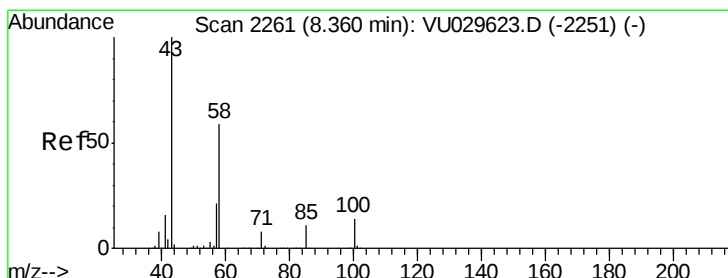
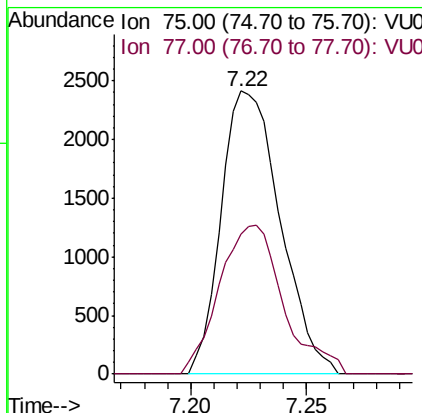
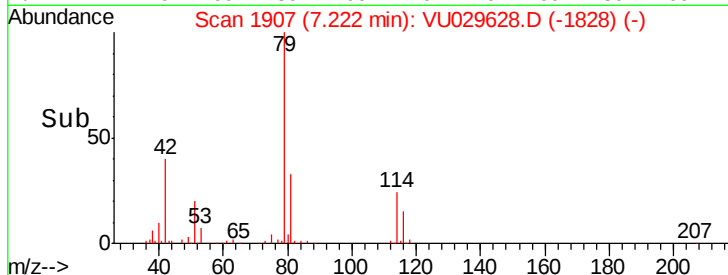
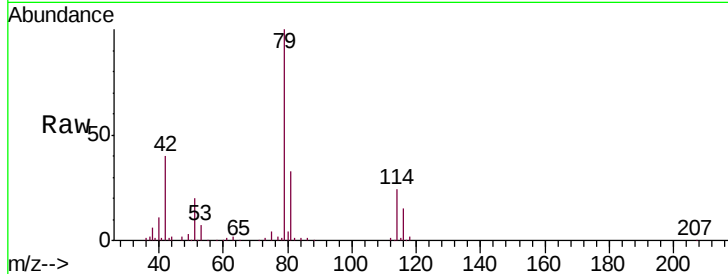




#39
 cis-1,3-Dichloropropene
 Concen: 0.849 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU029628.D
 Acq: 22 Feb 2019 18:33

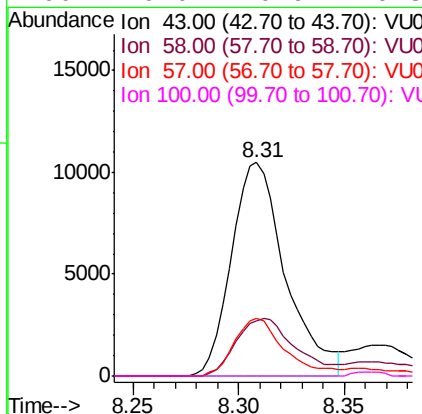
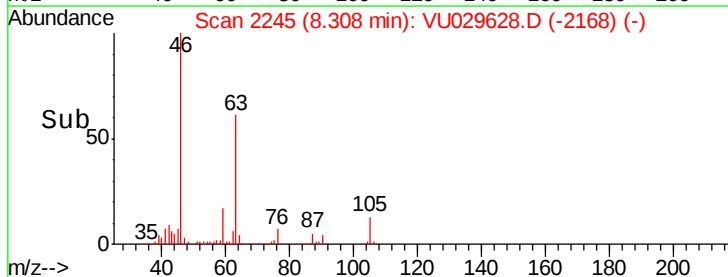
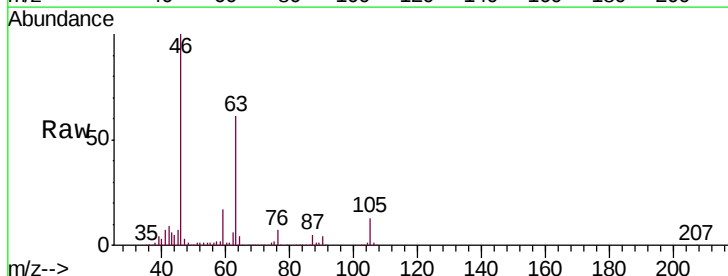
Instrument :
 MSVOA_U
 ClientSampled :
 VHBLK01

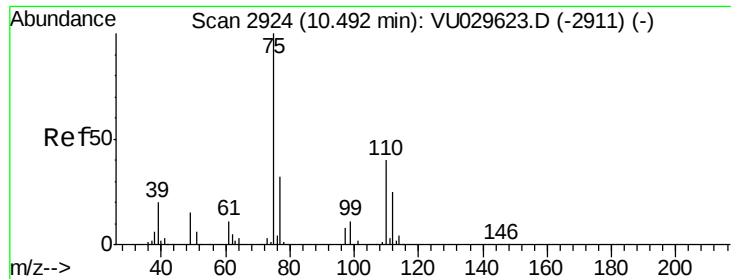
Tgt Ion: 75 Resp: 4278
 Ion Ratio Lower Upper
 75 100
 77 49.4 22.3 41.5#



#48
 2-Hexanone
 Concen: 4.876 ug/L
 RT: 8.31 min Scan# 2245
 Delta R.T. -0.05 min
 Lab File: VU029628.D
 Acq: 22 Feb 2019 18:33

Tgt Ion: 43 Resp: 18706
 Ion Ratio Lower Upper
 43 100
 58 29.1 46.4 69.6#
 57 25.4 15.7 23.5#
 100 0.0 10.9 16.3#





#59

1,2,3-Trichloropropane

Concen: 5.047 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029628.D

Acq: 22 Feb 2019 18:33

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 22471

Ion Ratio Lower Upper

75 100

77 35.6 25.7 38.5

