

Data File : VU030514.D
Acq On : 28 Mar 2019 15:04
Operator : JC/SP
Sample : VU0328WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK32

Quant Time: Mar 29 01:22:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 01:19:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	360243	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	345606	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	137906	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	148885	51.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.70%
7) Chloroethane-d5	1.67	69	121206	52.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.50%
11) 1,1-Dichloroethene-d2	2.27	63	214942	39.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.16%
21) 2-Butanone-d5	4.17	46	258248	94.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.76%
24) Chloroform-d	4.64	84	254950	51.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.08%
26) 1,2-Dichloroethane-d4	5.31	65	179212	54.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.66%
32) Benzene-d6	5.34	84	526746	53.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.30%
36) 1,2-Dichloropropane-d6	6.33	67	186327	54.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.90%
41) Toluene-d8	7.56	98	455522	51.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.36%
43) trans-1,3-Dichloropropene-	7.85	79	79053	49.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.16%
47) 2-Hexanone-d5	8.31	63	134791	73.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.35%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	243968	50.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	152527	55.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

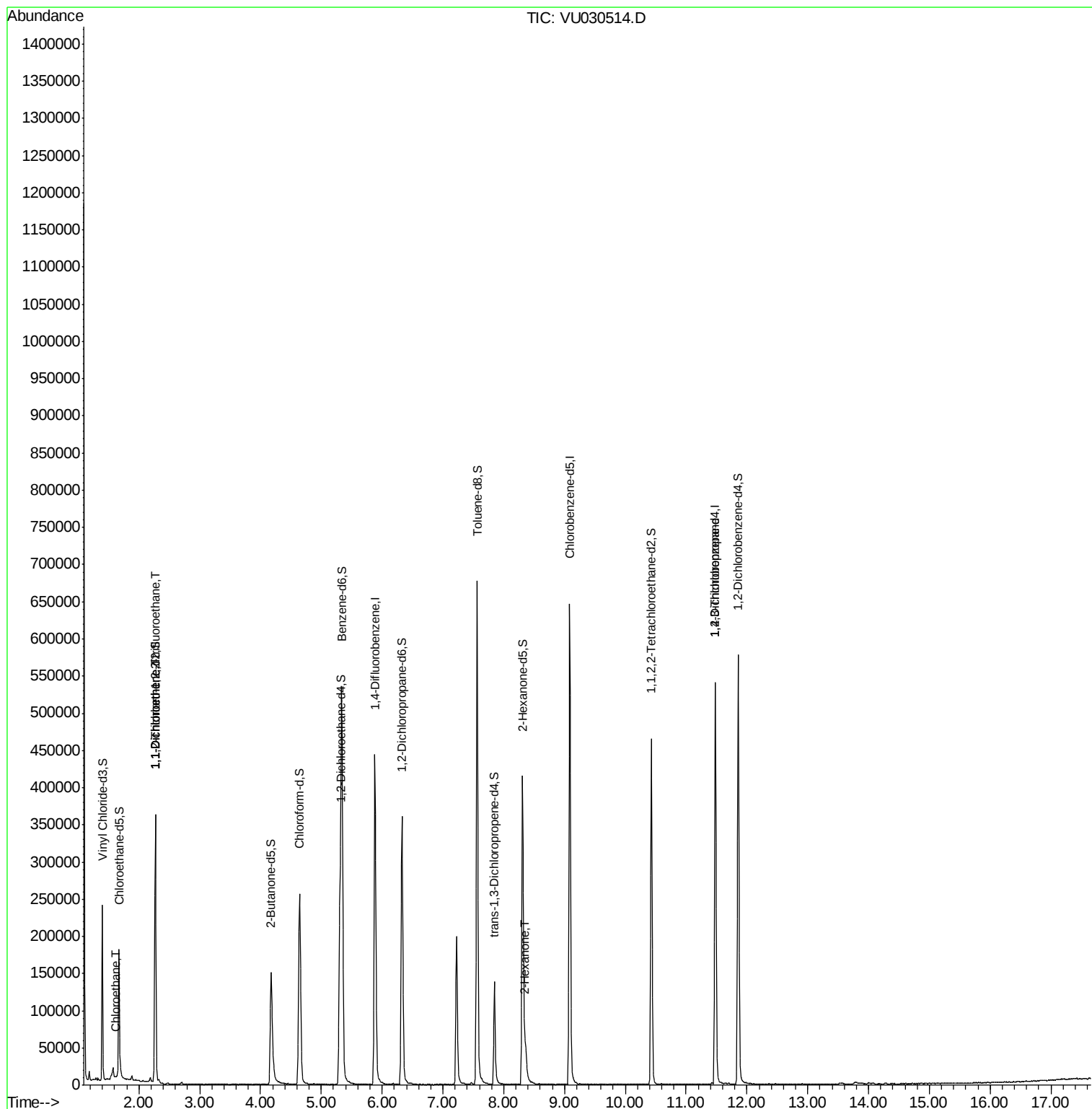
					Qvalue
8) Chloroethane	1.62	64	1114	0.468 ug/L #	54
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1980	0.753 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	1518	0.589 ug/L #	1
48) 2-Hexanone	8.36	43	29784	6.480 ug/L #	80
59) 1,2,3-Trichloropropane	11.48	75	19198	4.724 ug/L	92

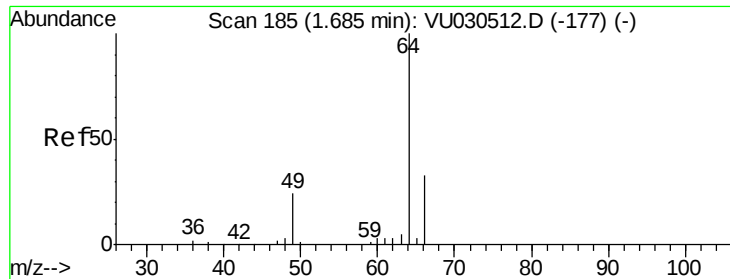
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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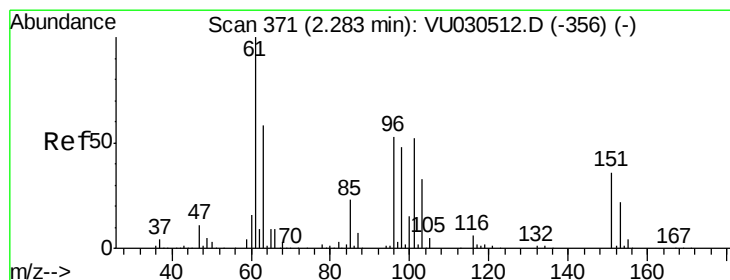
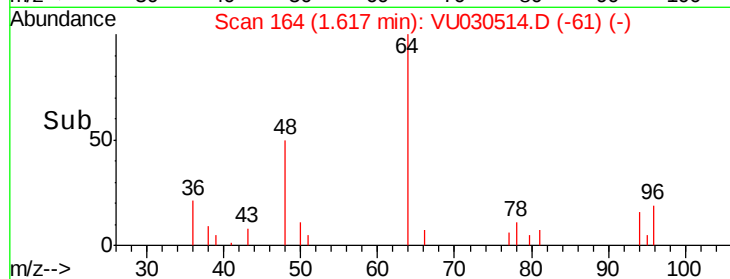
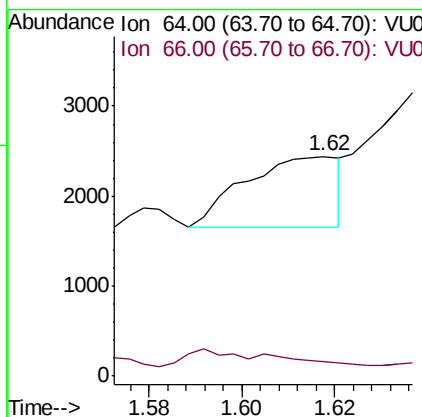
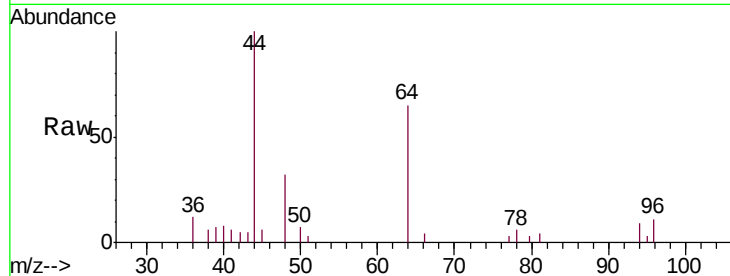




#8
Chloroethane
Concen: 0.468 ug/L
RT: 1.62 min Scan# 164
Delta R.T. -0.07 min
Lab File: VU030514.D
Acq: 28 Mar 2019 15:04

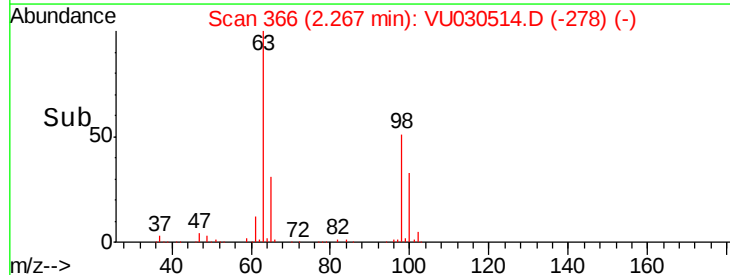
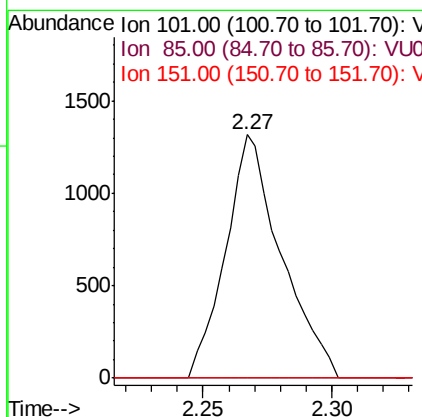
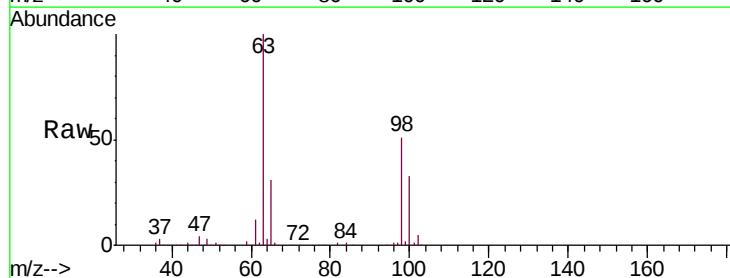
Instrument :
MSVOA_U
ClientSampleId :
VBLK32

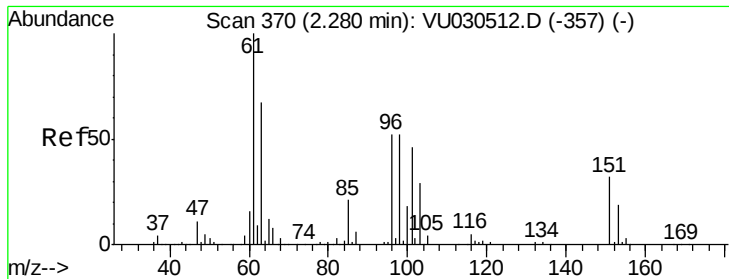
Tgt Ion: 64 Resp: 1114
Ion Ratio Lower Upper
64 100
66 6.6 22.5 41.7#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.753 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.02 min
Lab File: VU030514.D
Acq: 28 Mar 2019 15:04

Tgt Ion: 101 Resp: 1980
Ion Ratio Lower Upper
101 100
85 0.0 34.8 52.2#
151 0.0 56.6 85.0#





#12

1,1-Dichloroethene

Concen: 0.589 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030514.D

Acq: 28 Mar 2019 15:04

Instrument :

MSVOA_U

ClientSampleId :

VBLK32

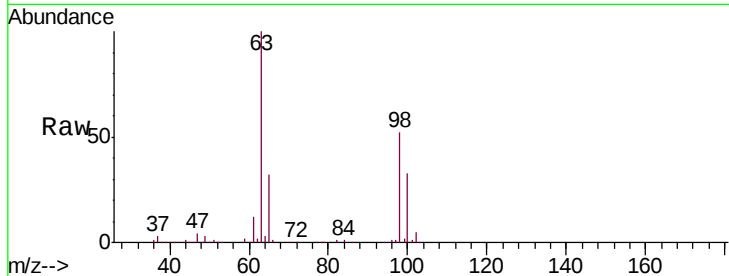
Tgt Ion: 96 Resp: 1518

Ion Ratio Lower Upper

96 100

61 1611.7 131.0 243.4#

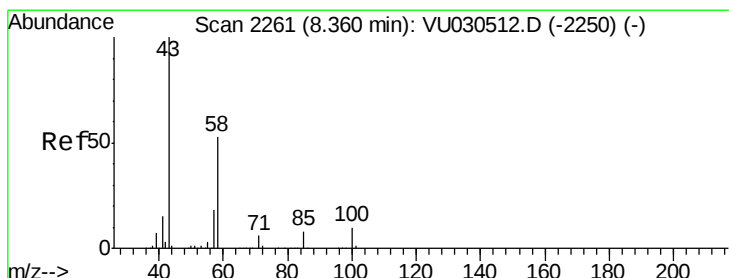
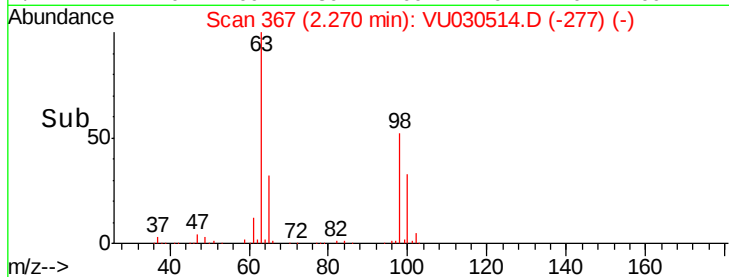
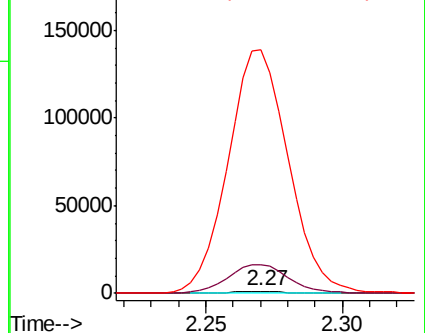
63 13516.0 92.4 171.6#



Abundance Ion 96.00 (95.70 to 96.70): VU030514.D (-277) (-)

Ion 61.00 (60.70 to 61.70): VU030514.D (-277) (-)

Ion 63.00 (62.70 to 63.70): VU030514.D (-277) (-)



#48

2-Hexanone

Concen: 6.480 ug/L

RT: 8.36 min Scan# 2261

Delta R.T. 0.00 min

Lab File: VU030514.D

Acq: 28 Mar 2019 15:04

Tgt Ion: 43 Resp: 29784

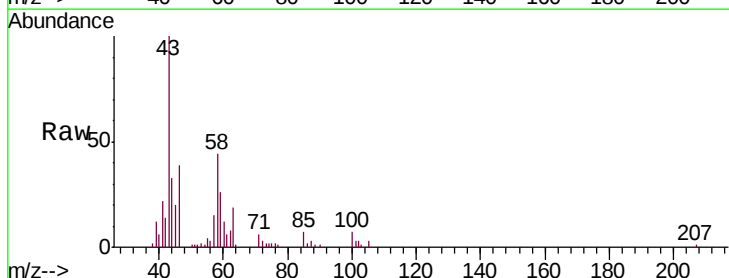
Ion Ratio Lower Upper

43 100

58 41.5 42.5 63.7#

57 2.3 15.0 22.6#

100 6.0 7.4 11.2#

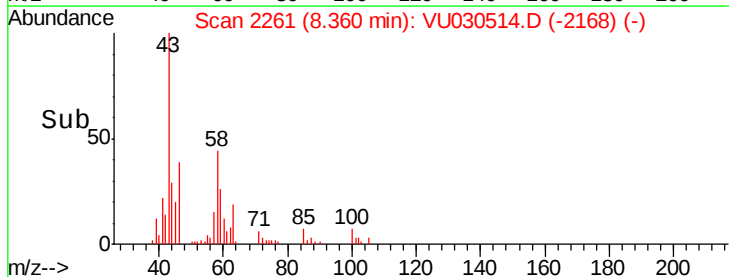
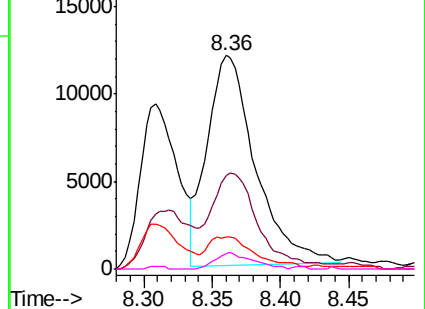


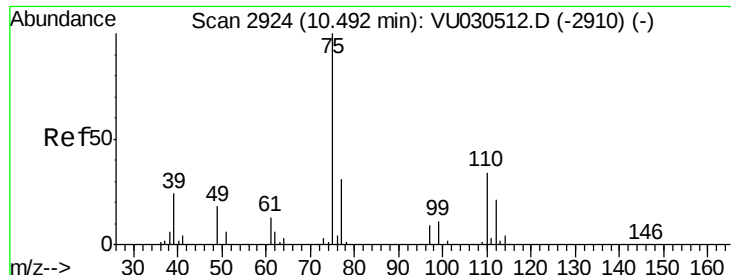
Abundance Ion 43.00 (42.70 to 43.70): VU030514.D (-2168) (-)

Ion 58.00 (57.70 to 58.70): VU030514.D (-2168) (-)

Ion 57.00 (56.70 to 57.70): VU030514.D (-2168) (-)

Ion 100.00 (99.70 to 100.70): VU030514.D (-2168) (-)





#59

1,2,3-Trichloropropane

Concen: 4.724 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030514.D

Acq: 28 Mar 2019 15:04

Instrument :

MSVOA_U

ClientSampleId :

VBLK32

Tgt Ion: 75 Resp: 19198

Ion Ratio Lower Upper

75 100

77 36.2 25.4 38.2

