

Data File : VU031392.D
Acq On : 22 Apr 2019 14:31
Operator : JC/SP
Sample : K2428-15DL 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X16DL

Quant Time: Apr 23 01:03:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 00:59:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	639118	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	468431	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	198948	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	171070	29.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	58.14%#
7) Chloroethane-d5	1.68	69	141254	27.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	55.28%#
11) 1,1-Dichloroethene-d2	2.27	63	238962	20.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	40.98%#
21) 2-Butanone-d5	4.19	46	351161	81.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.92%
24) Chloroform-d	4.64	84	308003	31.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	62.72%#
26) 1,2-Dichloroethane-d4	5.31	65	188701	31.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	62.40%#
32) Benzene-d6	5.34	84	635490	42.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.82%
36) 1,2-Dichloropropane-d6	6.33	67	215078	44.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.50%
41) Toluene-d8	7.56	98	431907	33.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	66.28%#
43) trans-1,3-Dichloropropene-	7.85	79	69815	30.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.78%
47) 2-Hexanone-d5	8.31	63	186048	82.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.00%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	241853	36.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	72.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	161709	35.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	70.88%#

Target Compounds

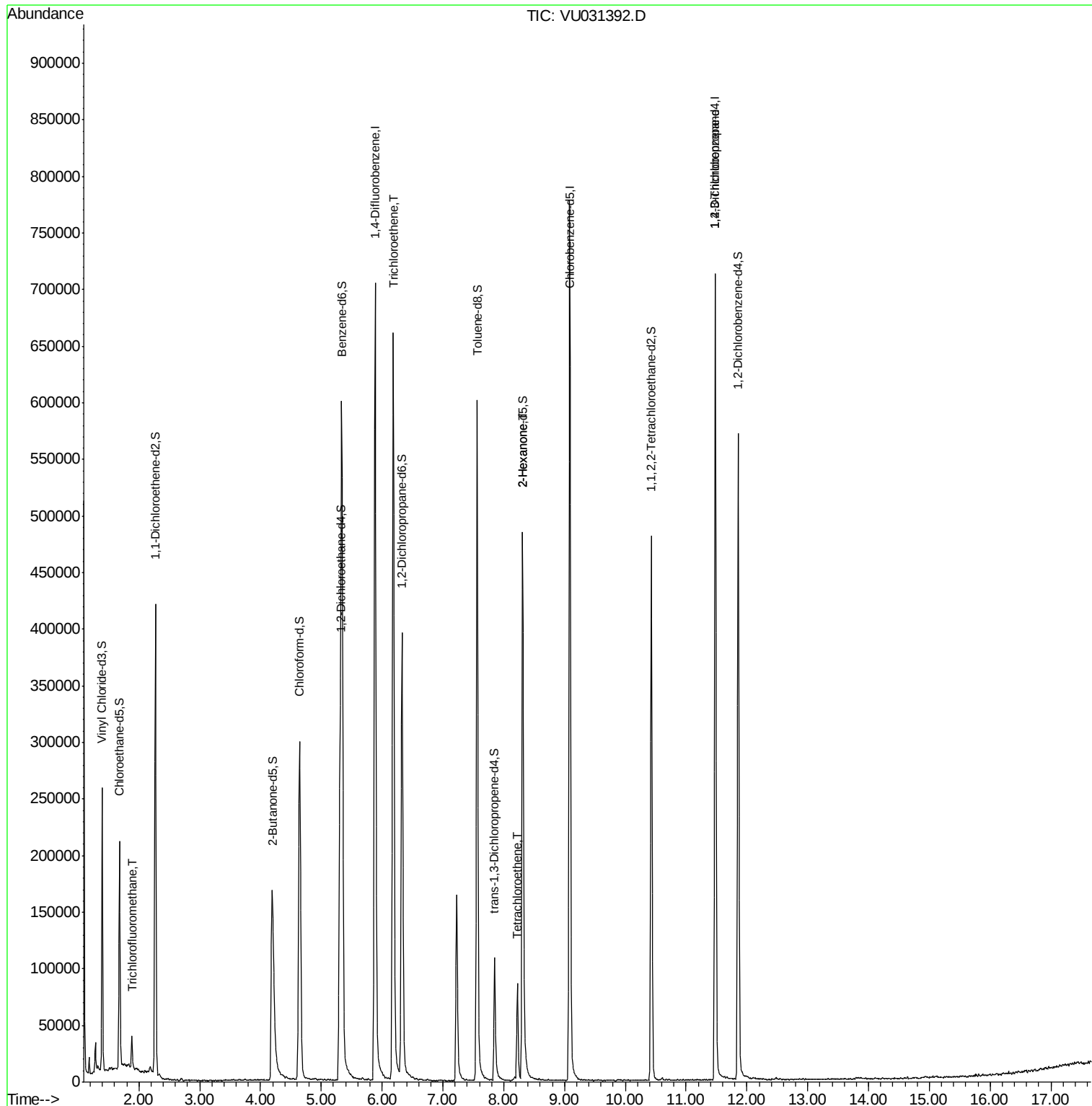
					Qvalue
9) Trichlorofluoromethane	1.88	101	13700	1.407 ug/L	97
34) Trichloroethene	6.18	95	246910	62.634 ug/L	96
46) Tetrachloroethene	8.22	164	21340	7.197 ug/L	94
48) 2-Hexanone	8.31	43	20976	4.480 ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	21874	4.408 ug/L	95

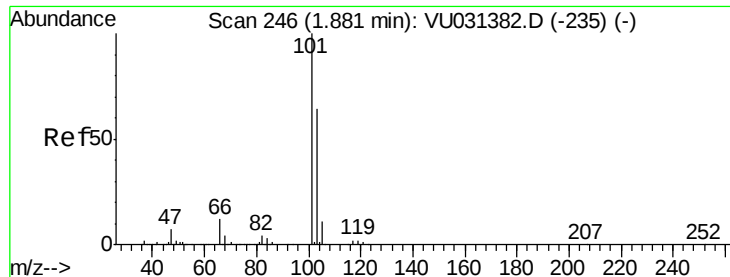
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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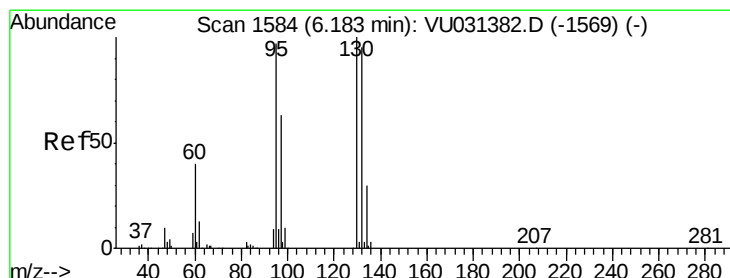
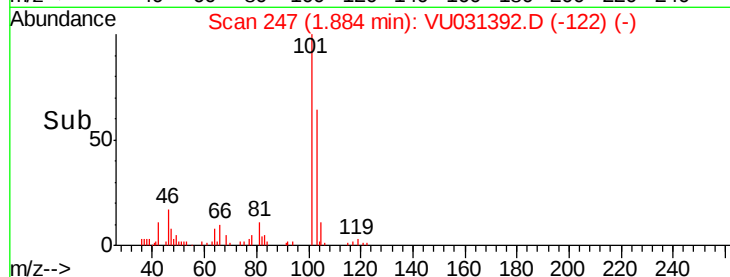
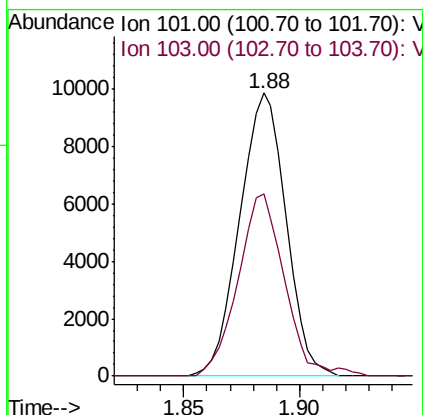
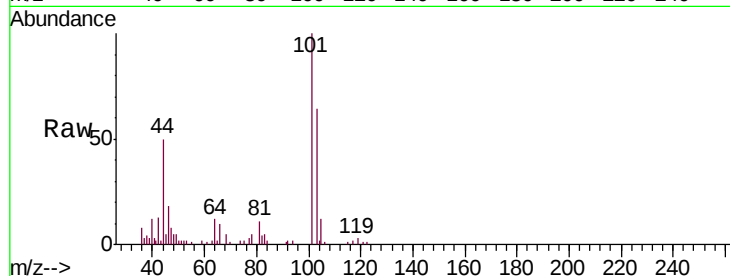


#9

Trichlorofluoromethane
 Concen: 1.407 ug/L
 RT: 1.88 min Scan# 247
 Delta R.T. 0.00 min
 Lab File: VU031392.D
 Acq: 22 Apr 2019 14:31

Instrument :
 MSVOA_U
 ClientSampled :
 C0X16DL

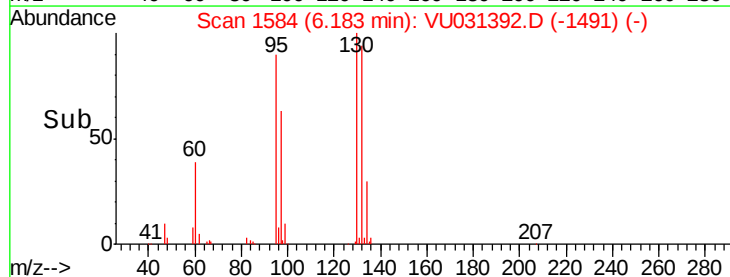
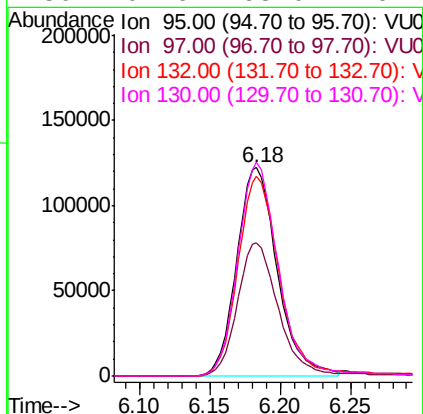
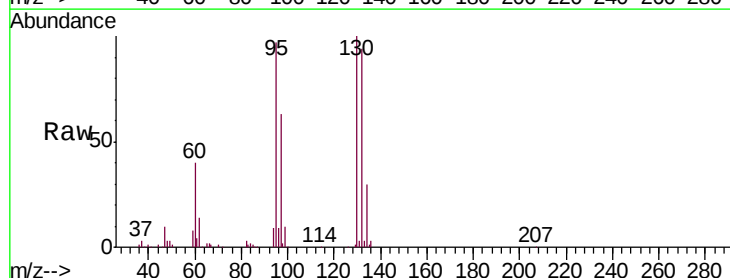
Tgt Ion: 101 Resp: 13700
 Ion Ratio Lower Upper
 101 100
 103 63.8 53.0 79.6

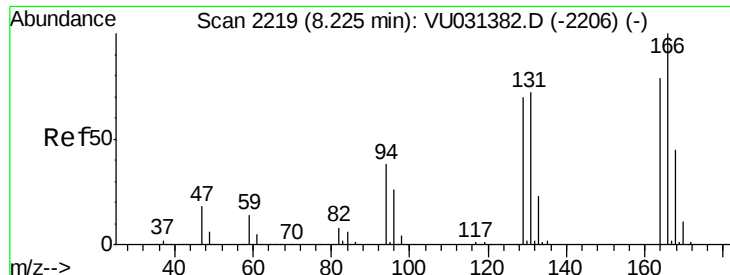


#34

Trichloroethene
 Concen: 62.634 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031392.D
 Acq: 22 Apr 2019 14:31

Tgt Ion: 95 Resp: 246910
 Ion Ratio Lower Upper
 95 100
 97 64.2 43.6 81.0
 132 96.1 64.5 119.7
 130 102.6 68.0 126.2





#46

Tetrachloroethene

Concen: 7.197 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031392.D

Acq: 22 Apr 2019 14:31

Instrument :

MSVOA_U

ClientSampled :

C0X16DL

Tgt Ion:164 Resp: 21340

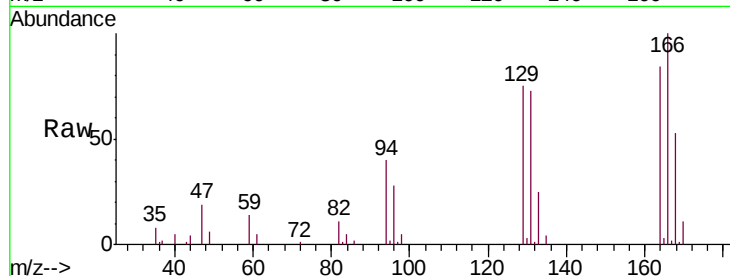
Ion Ratio Lower Upper

164 100

129 89.1 66.5 123.5

131 87.3 62.3 115.7

166 119.0 90.6 168.3

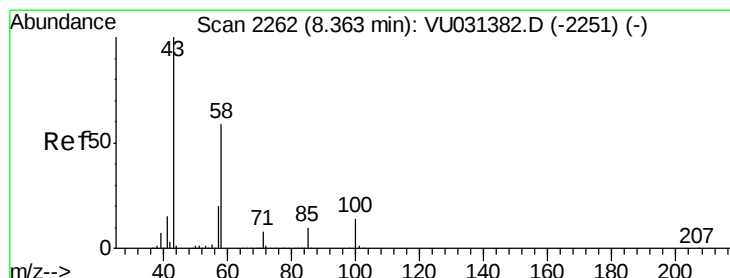
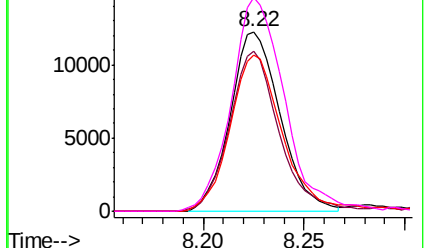
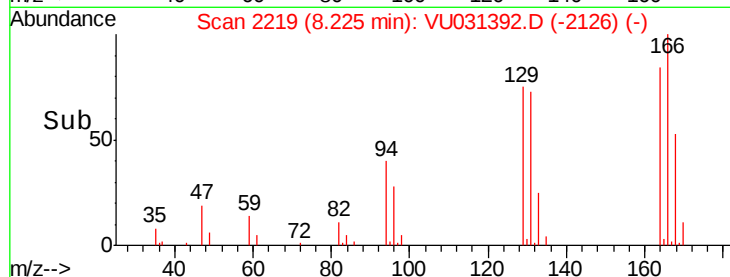


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 4.480 ug/L

RT: 8.31 min Scan# 2245

Delta R.T. -0.05 min

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Tgt Ion: 43 Resp: 20976

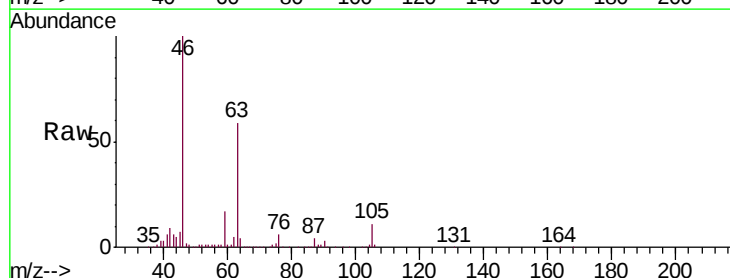
Ion Ratio Lower Upper

43 100

58 25.3 44.9 67.3#

57 23.6 15.1 22.7#

100 0.0 8.6 13.0#

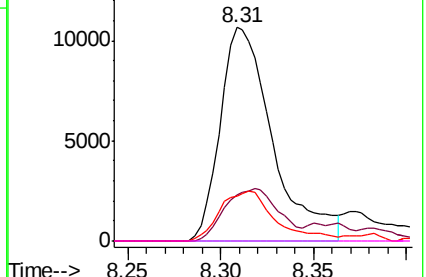
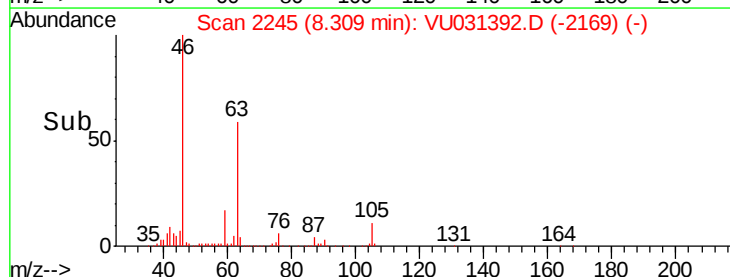


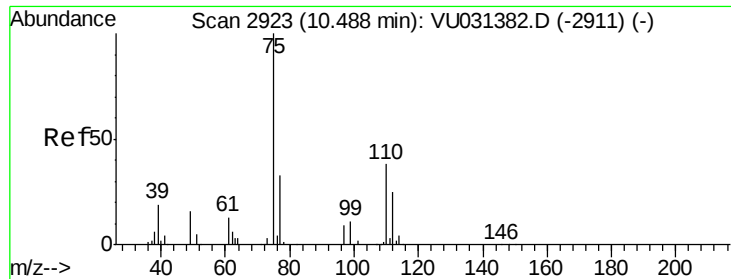
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 4.408 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031392.D

Acq: 22 Apr 2019 14:31

Instrument :

MSVOA_U

ClientSampleId :

C0X16DL

Tgt Ion: 75 Resp: 21874

Ion Ratio Lower Upper

75 100

77 34.7 25.4 38.2

