

Data File : VU031416.D
Acq On : 23 Apr 2019 01:35
Operator : JC/SP
Sample : K2477-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XG0

Quant Time: Apr 23 04:08:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 04:02:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	713567	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	660315	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	270731	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	273065	47.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.46%
7) Chloroethane-d5	1.68	69	218140	49.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.10%
11) 1,1-Dichloroethene-d2	2.27	63	371626	36.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.90%
21) 2-Butanone-d5	4.19	46	432377	100.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.02%
24) Chloroform-d	4.64	84	426029	46.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.48%
26) 1,2-Dichloroethane-d4	5.31	65	267291	48.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.86%
32) Benzene-d6	5.34	84	940154	49.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.58%
36) 1,2-Dichloropropane-d6	6.33	67	307645	50.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.24%
41) Toluene-d8	7.56	98	821083	48.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.38%
43) trans-1,3-Dichloropropene-	7.85	79	123505	44.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.32%
47) 2-Hexanone-d5	8.31	63	316936	103.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.06%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	403301	48.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.86%
64) 1,2-Dichlorobenzene-d4	11.86	152	277695	50.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.36%

Target Compounds

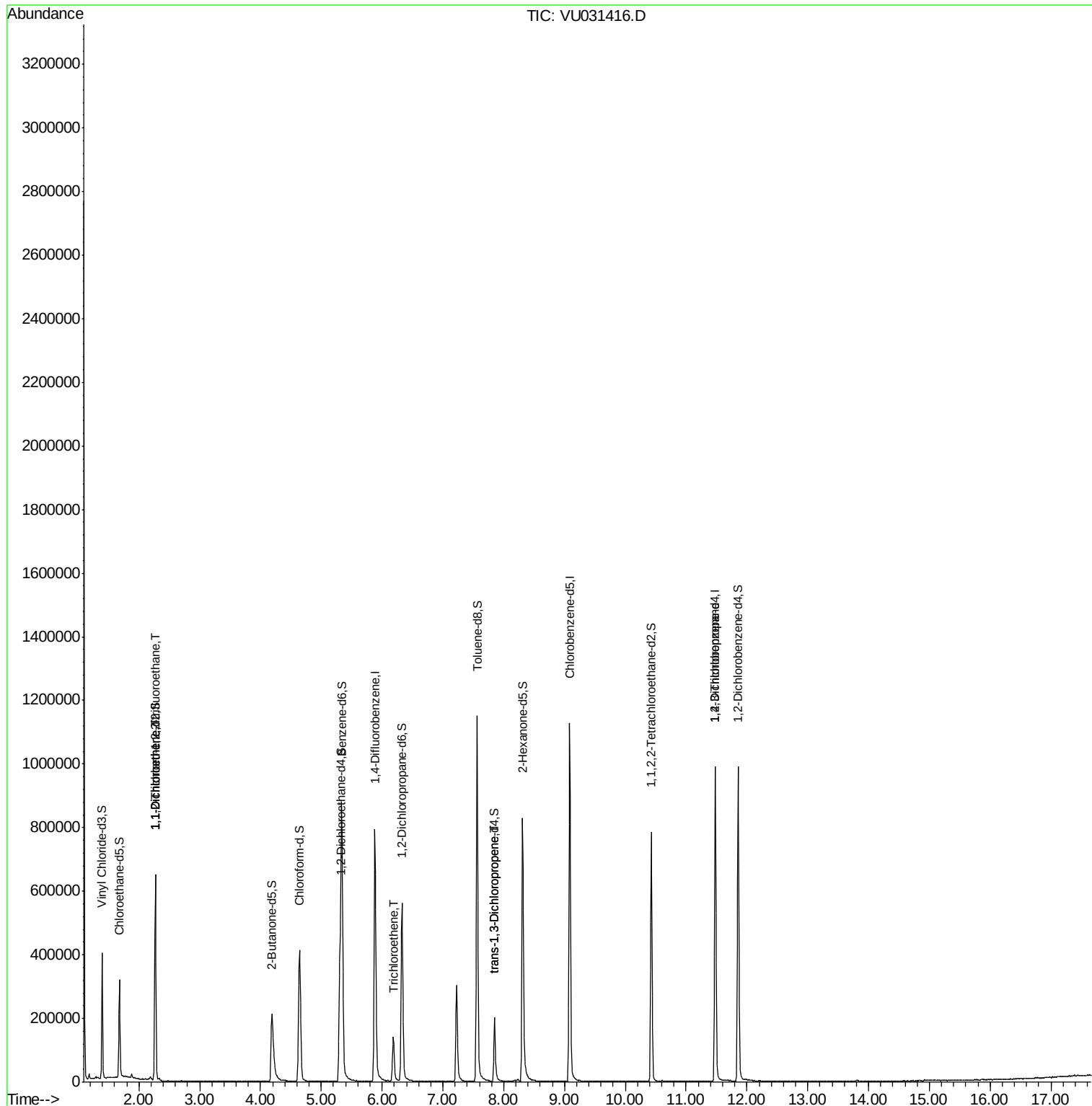
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3892	0.881 ug/L #	20
12) 1,1-Dichloroethene	2.27	96	2840	0.653 ug/L #	1
34) Trichloroethene	6.19	95	52605	10.395 ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	4232	0.644 ug/L #	48
59) 1,2,3-Trichloropropane	11.48	75	31486	5.012 ug/L	95

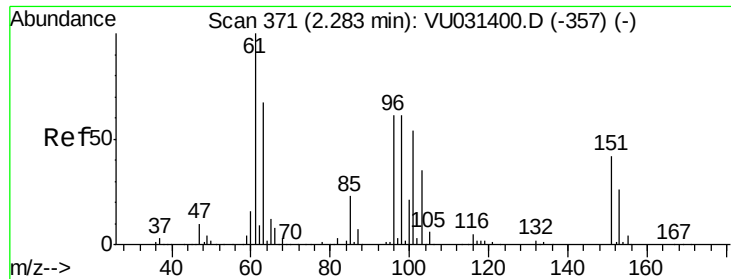
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.881 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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C0XG0

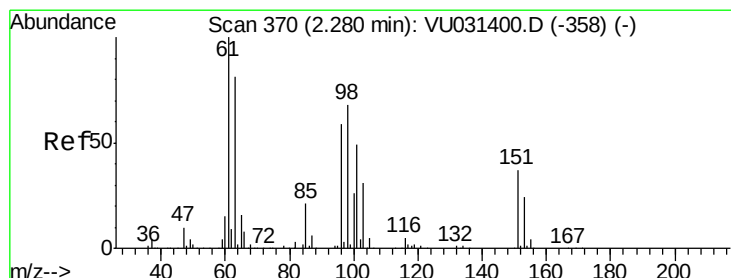
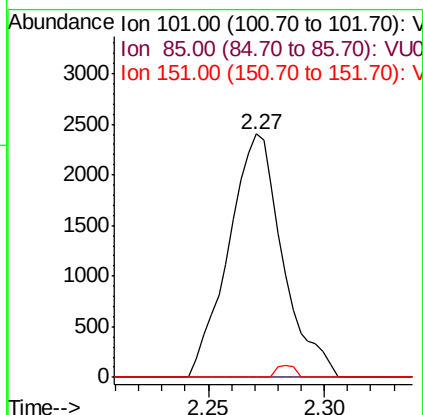
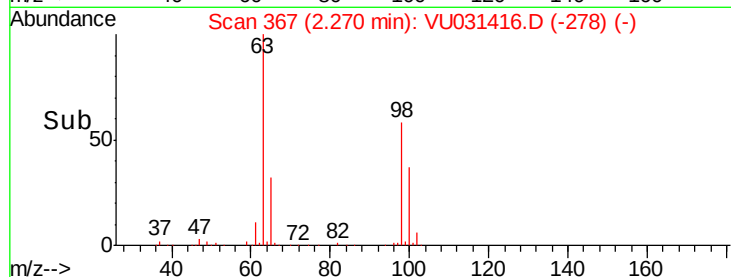
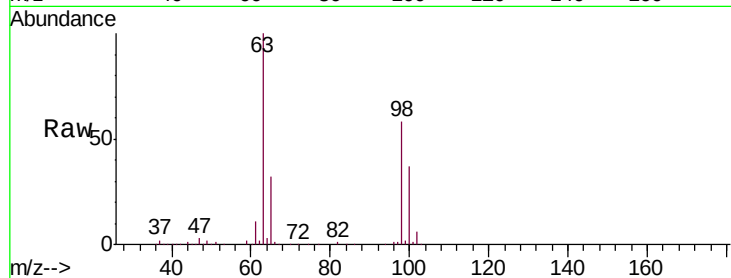
Tgt Ion: 101 Resp: 3892

Ion Ratio Lower Upper

101 100

85 0.0 33.1 49.7#

151 1.6 61.4 92.0#



#12

1,1-Dichloroethene

Concen: 0.653 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031416.D

Acq: 23 Apr 2019 01:35

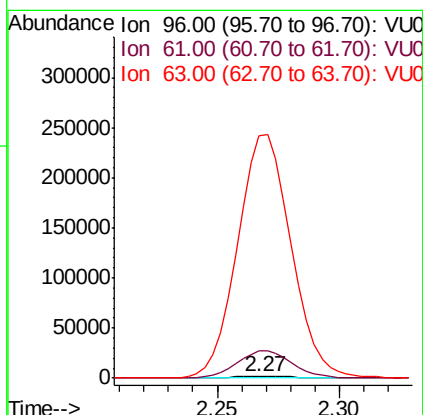
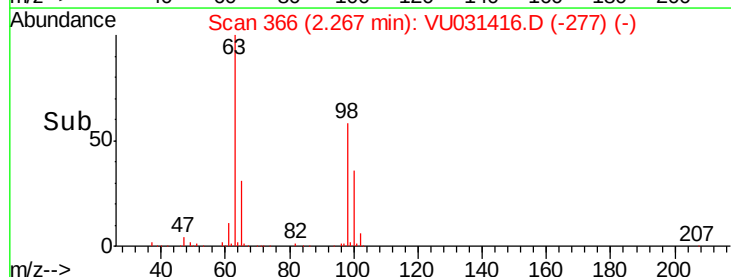
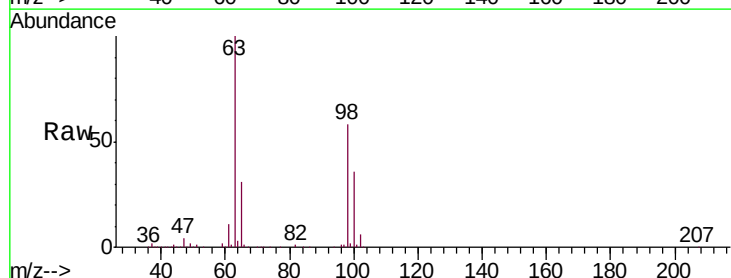
Tgt Ion: 96 Resp: 2840

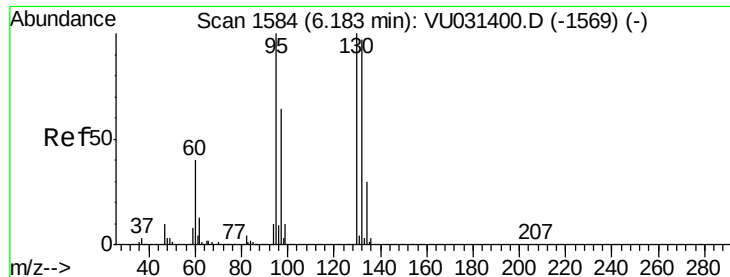
Ion Ratio Lower Upper

96 100

61 1655.5 118.9 220.9#

63 14867.8 99.3 184.3#





#34

Trichloroethene

Concen: 10.395 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.00 min

Lab File: VU031416.D

Acq: 23 Apr 2019 01:35

Instrument :

MSVOA_U

ClientSampleId :

C0XG0

Tgt Ion: 95 Resp: 52605

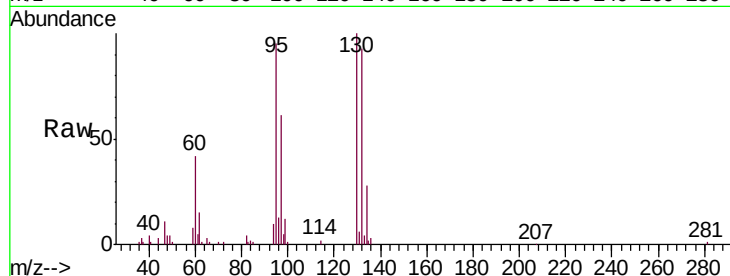
Ion Ratio Lower Upper

95 100

97 63.6 44.9 83.5

132 97.8 68.0 126.2

130 104.8 70.1 130.1

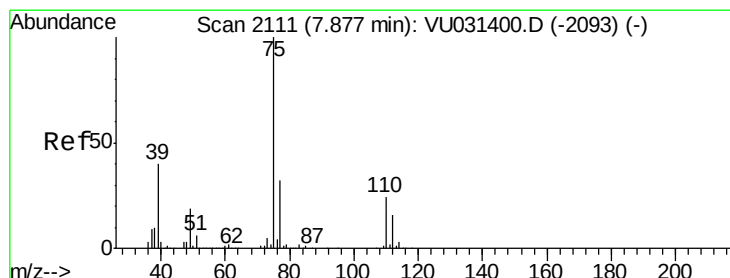
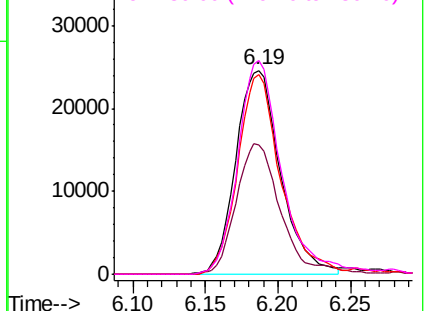
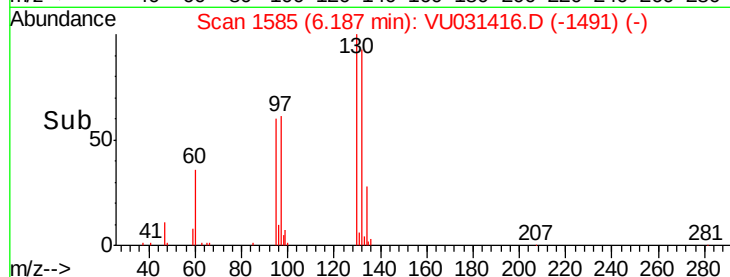


Abundance Ion 95.00 (94.70 to 95.70): VU031416.D (-1491) (-)

Ion 97.00 (96.70 to 97.70): VU031416.D (-1491) (-)

Ion 132.00 (131.70 to 132.70): VU031416.D (-1491) (-)

Ion 130.00 (129.70 to 130.70): VU031416.D (-1491) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.644 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU031416.D

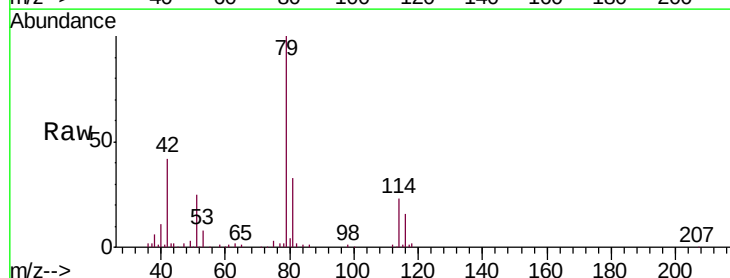
Acq: 23 Apr 2019 01:35

Tgt Ion: 75 Resp: 4232

Ion Ratio Lower Upper

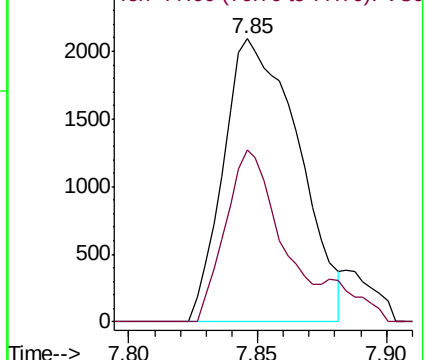
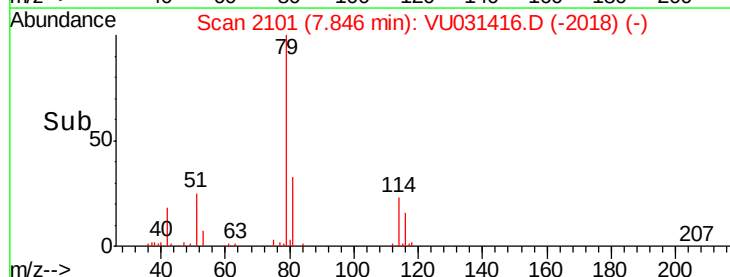
75 100

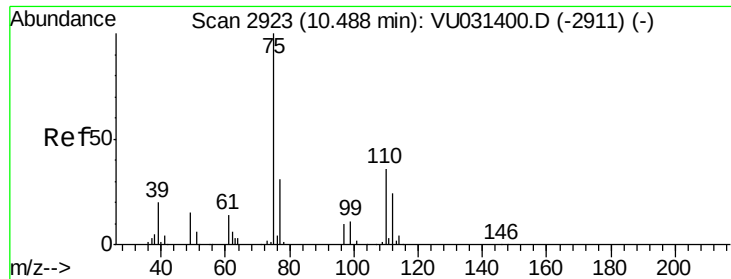
77 60.7 22.3 41.3#



Abundance Ion 75.00 (74.70 to 75.70): VU031416.D (-2018) (-)

Ion 77.00 (76.70 to 77.70): VU031416.D (-2018) (-)





#59

1,2,3-Trichloropropane

Concen: 5.012 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031416.D

Acq: 23 Apr 2019 01:35

Instrument :

MSVOA_U

ClientSampleId :

C0XG0

Tgt Ion: 75 Resp: 31486

Ion Ratio Lower Upper

75 100

77 35.0 25.6 38.4

