

Data File : VU031419.D
Acq On : 23 Apr 2019 03:07
Operator : JC/SP
Sample : K2481-13
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHW6

Quant Time: Apr 23 05:36:39 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	1417350	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1305402	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	569300	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	418886	36.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.94%
7) Chloroethane-d5	1.68	69	301677	34.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.00%#
11) 1,1-Dichloroethene-d2	2.25	63	601337	30.10	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.20%
21) 2-Butanone-d5	4.21	46	672428	78.31	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.31%
24) Chloroform-d	4.64	84	699117	38.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.40%
26) 1,2-Dichloroethane-d4	5.31	65	450828	41.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.24%
32) Benzene-d6	5.33	84	1529044	40.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.10%
36) 1,2-Dichloropropane-d6	6.33	67	509174	41.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.92%
41) Toluene-d8	7.56	98	1349702	40.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.14%
43) trans-1,3-Dichloropropene-	7.86	79	215831	39.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.06%
47) 2-Hexanone-d5	8.34	63	507428	83.46	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.46%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	637392	38.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	462527	39.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.48%#

Target Compounds

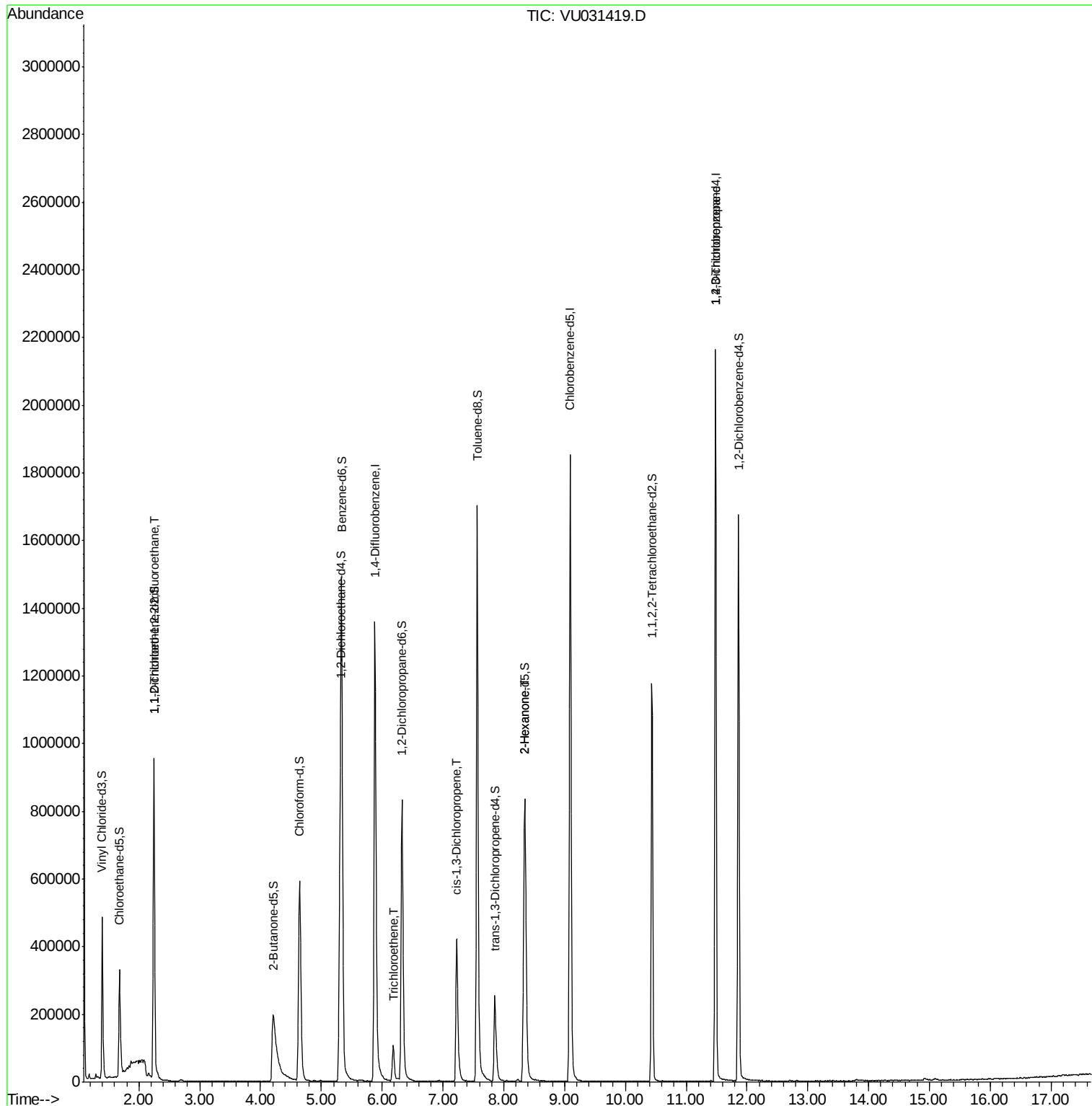
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.25	101	5736	0.654 ug/L #	21
34) Trichloroethene	6.18	95	39017	3.900 ug/L	94
39) cis-1,3-Dichloropropene	7.22	75	11609	0.771 ug/L #	77
48) 2-Hexanone	8.35	43	62279	5.220 ug/L #	58
59) 1,2,3-Trichloropropane	11.48	75	66548	5.358 ug/L	93

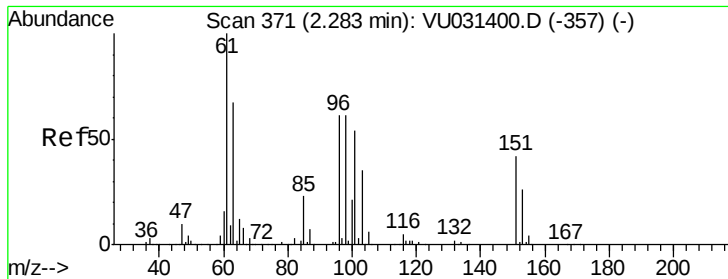
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.654 ug/L

RT: 2.25 min Scan# 360

Delta R.T. -0.04 min

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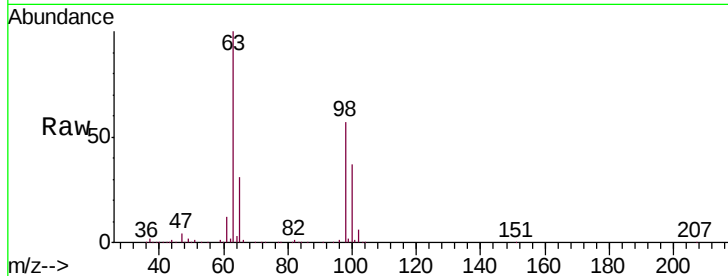
Tgt Ion:101 Resp: 5736

Ion Ratio Lower Upper

101 100

85 1.3 33.1 49.7#

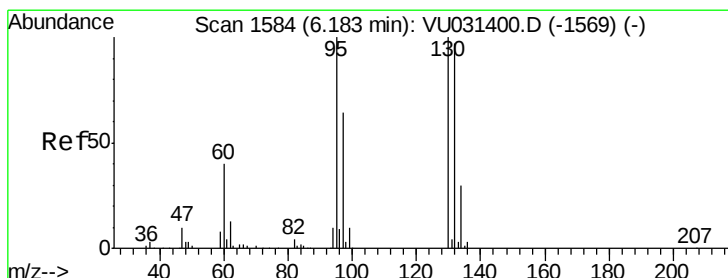
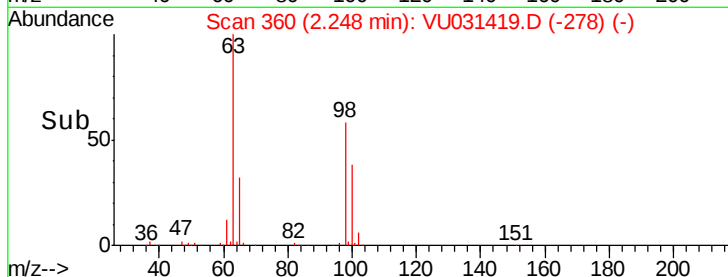
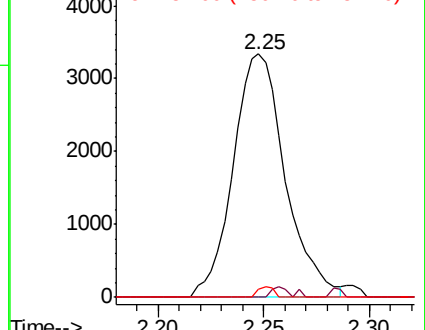
151 1.3 61.4 92.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#34

Trichloroethene

Concen: 3.900 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

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Acq: 23 Apr 2019 03:07

Tgt Ion: 95 Resp: 39017

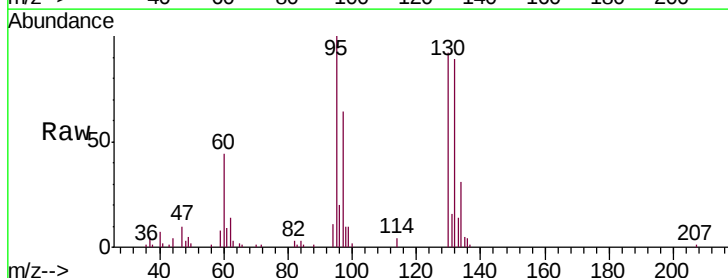
Ion Ratio Lower Upper

95 100

97 63.7 44.9 83.5

132 89.5 68.0 126.2

130 91.5 70.1 130.1

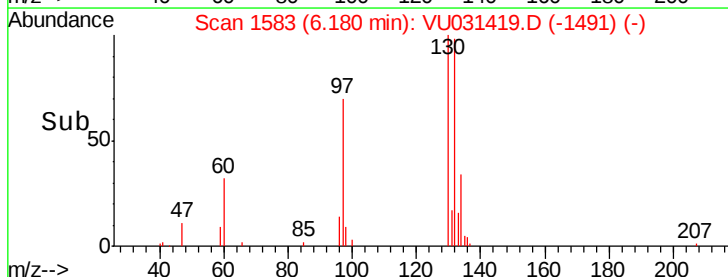
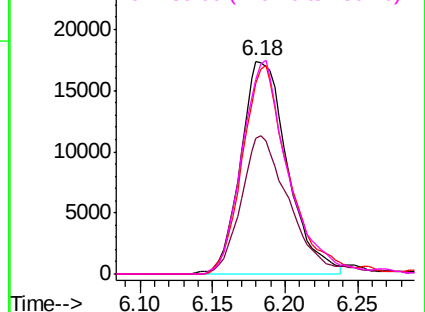


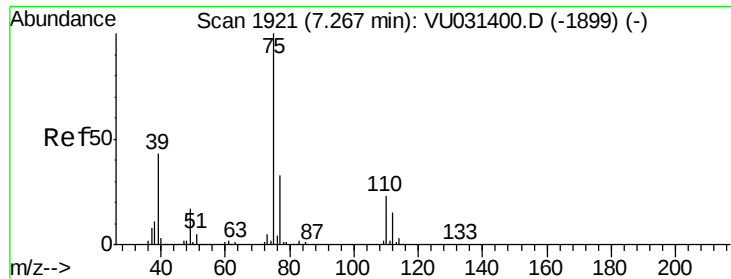
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

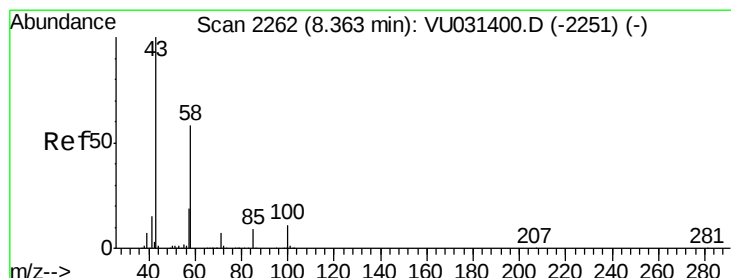
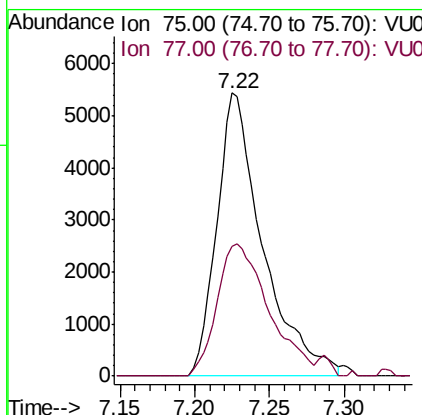
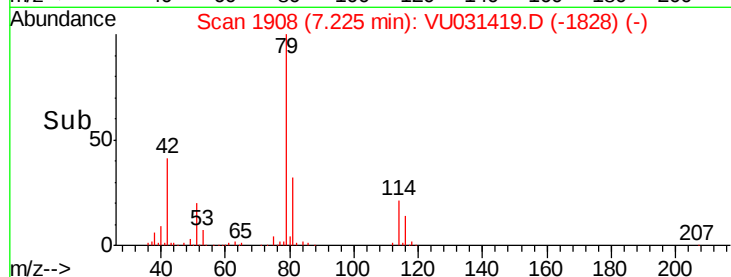
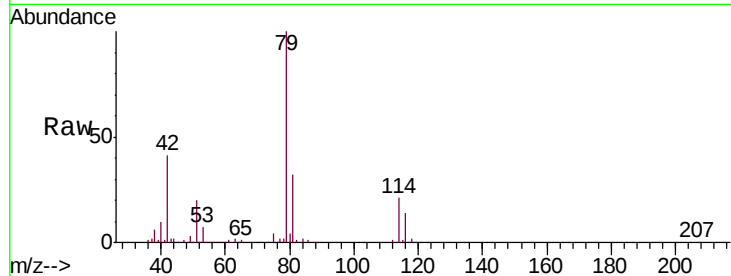




#39
 cis-1,3-Dichloropropene
 Concen: 0.771 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU031419.D
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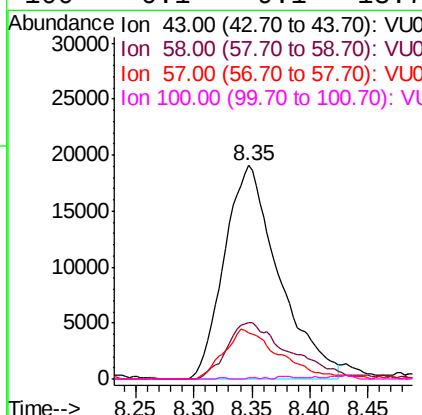
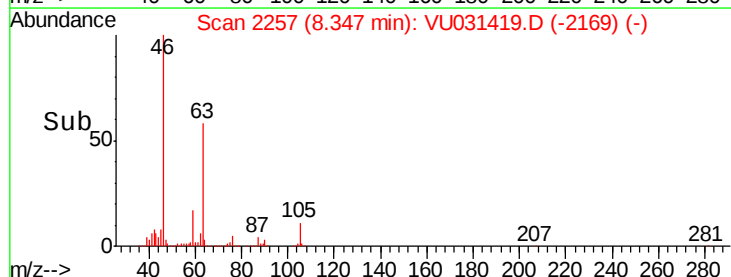
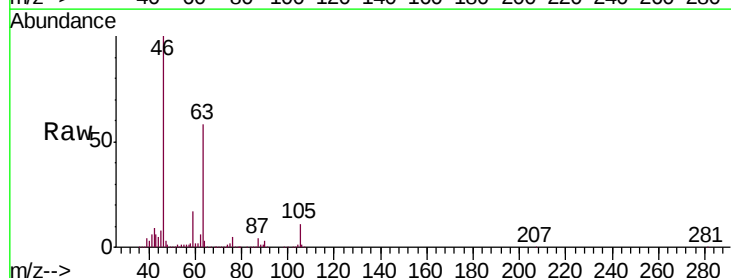
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 MSVOA_U
 ClientSampleId :
 GAHW6

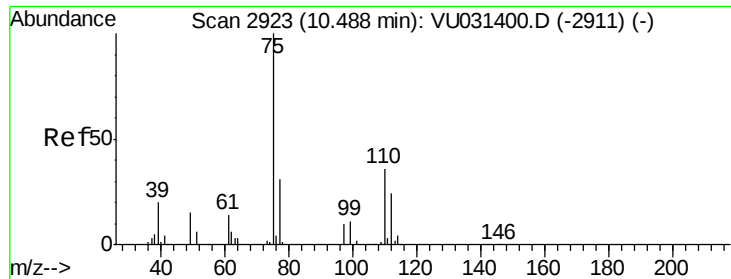
Tgt Ion: 75 Resp: 11609
 Ion Ratio Lower Upper
 75 100
 77 46.0 23.0 42.8#



#48
 2-Hexanone
 Concen: 5.220 ug/L
 RT: 8.35 min Scan# 2257
 Delta R.T. -0.02 min
 Lab File: VU031419.D
 Acq: 23 Apr 2019 03:07

Tgt Ion: 43 Resp: 62279
 Ion Ratio Lower Upper
 43 100
 58 16.6 45.5 68.3#
 57 23.3 15.2 22.8#
 100 0.1 9.1 13.7#





#59

1,2,3-Trichloropropane

Concen: 5.358 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031419.D

Acq: 23 Apr 2019 03:07

Instrument :

MSVOA_U

ClientSampleId :

GAHW6

Tgt Ion: 75 Resp: 66548

Ion Ratio Lower Upper

75 100

77 35.7 25.6 38.4

