

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041719\
 Data File : VU031233.D
 Acq On : 17 Apr 2019 00:14
 Operator : JC/SP
 Sample : VIBLK41
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK41

Quant Time: Apr 17 04:17:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 17 04:13:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	493915	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	474238	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	189997	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	185329	40.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.48%
7) Chloroethane-d5	1.68	69	156844	39.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.44%
11) 1,1-Dichloroethene-d2	2.27	63	263913	29.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.58%#
21) 2-Butanone-d5	4.18	46	294237	88.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.82%
24) Chloroform-d	4.64	84	308755	40.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.36%
26) 1,2-Dichloroethane-d4	5.31	65	204094	43.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.34%
32) Benzene-d6	5.34	84	624177	41.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.26%
36) 1,2-Dichloropropane-d6	6.33	67	206874	42.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.04%
41) Toluene-d8	7.56	98	543473	41.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.40%
43) trans-1,3-Dichloropropene-	7.85	79	88513	38.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.12%
47) 2-Hexanone-d5	8.31	63	189407	82.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.46%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	282369	41.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	189207	43.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.84%

Target Compounds

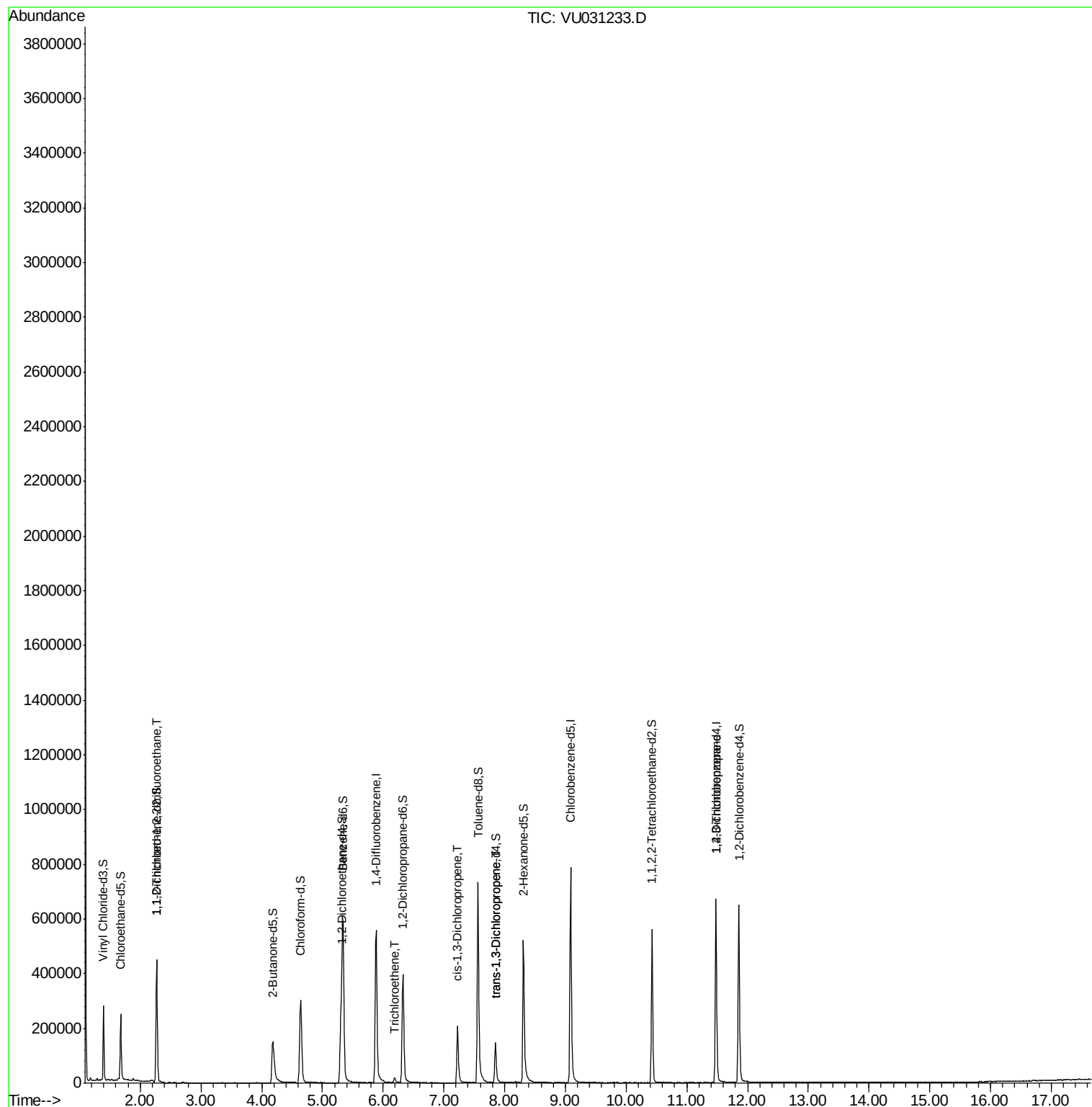
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2289	0.582 ug/L #	20
34) Trichloroethene	6.18	95	2453	0.615 ug/L	95
39) cis-1,3-Dichloropropene	7.22	75	5354	0.846 ug/L	87
44) trans-1,3-Dichloropropene	7.85	75	3721	0.677 ug/L	87
59) 1,2,3-Trichloropropane	11.48	75	22536	4.485 ug/L	96

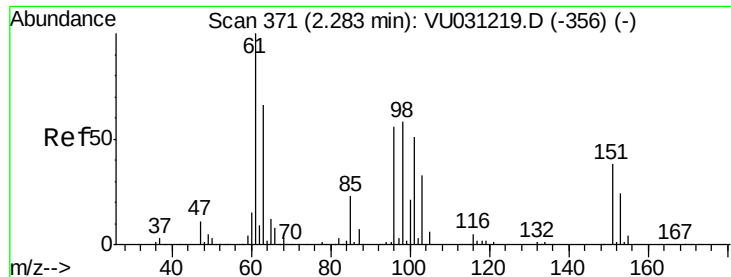
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.582 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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VIBLK41

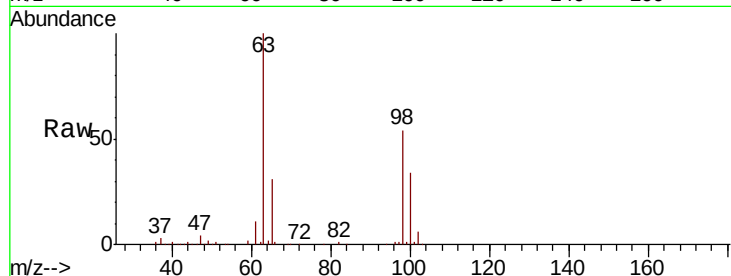
Tgt Ion: 101 Resp: 2289

Ion Ratio Lower Upper

101 100

85 1.9 35.4 53.0#

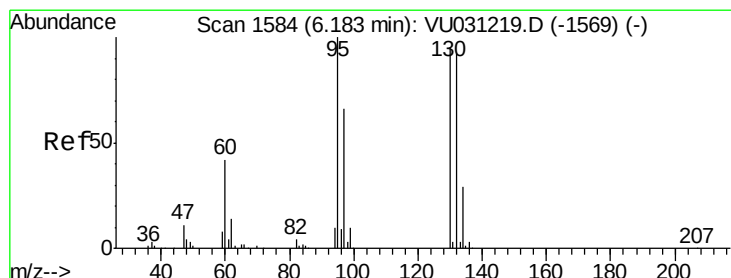
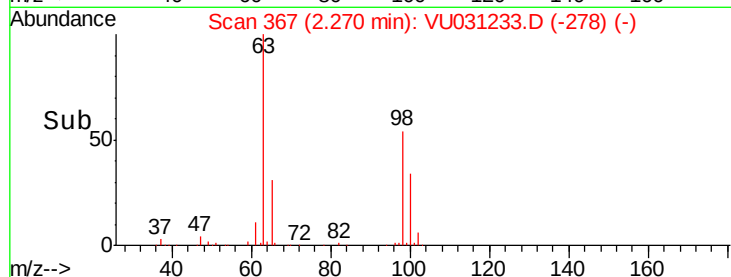
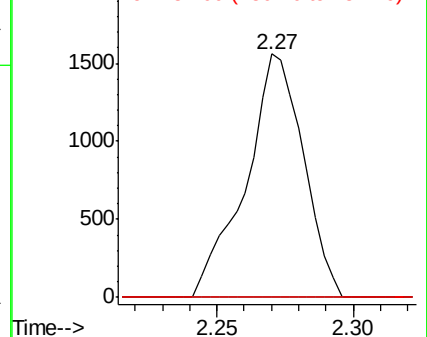
151 0.0 59.8 89.8#



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: 0.615 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031233.D

Acq: 17 Apr 2019 00:14

Tgt Ion: 95 Resp: 2453

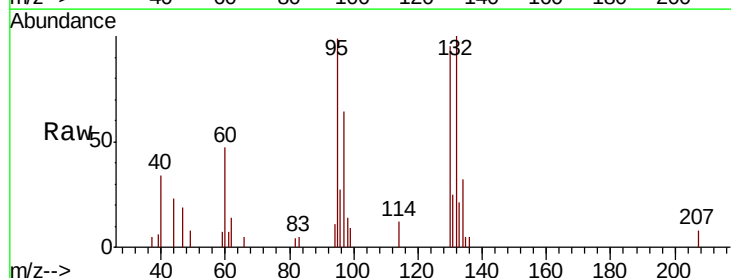
Ion Ratio Lower Upper

95 100

97 64.3 43.6 81.0

132 100.6 64.5 119.7

130 95.3 68.0 126.2

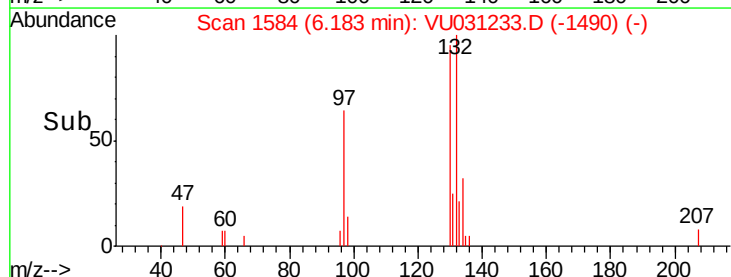
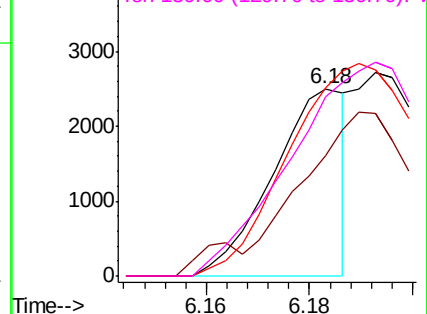


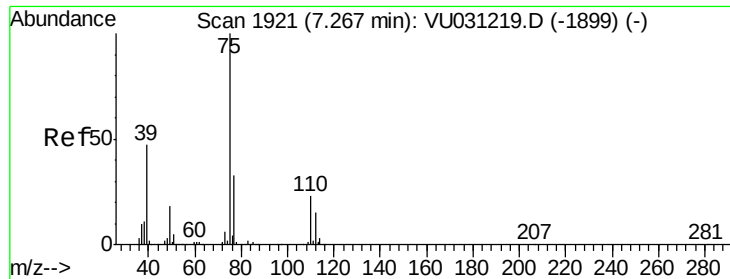
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.846 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU031233.D

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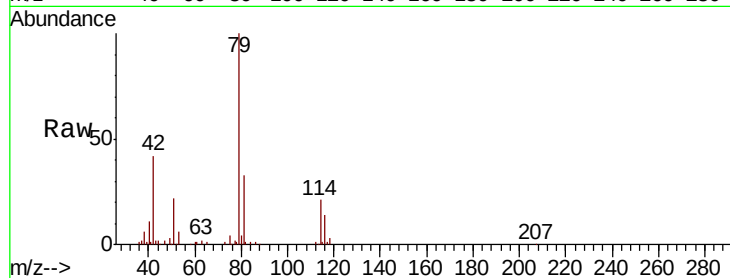
VIBLK41

Tgt Ion: 75 Resp: 5354

Ion Ratio Lower Upper

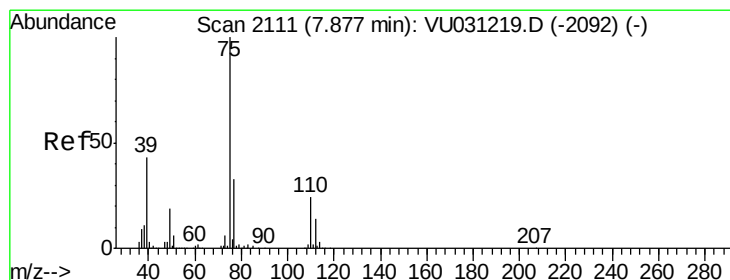
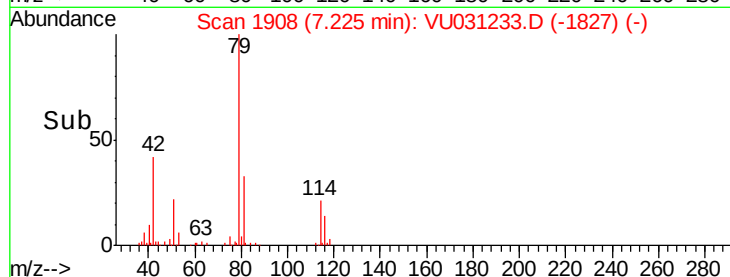
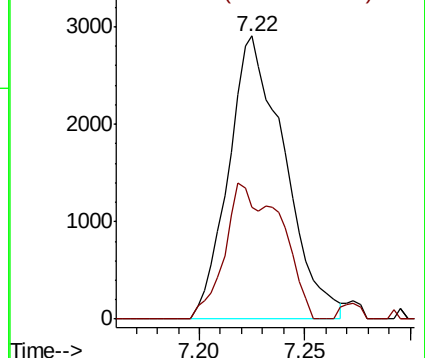
75 100

77 39.5 22.7 42.1



Abundance Ion 75.00 (74.70 to 75.70): VU031219.D (-1899) (-)

Ion 77.00 (76.70 to 77.70): VU031219.D (-1899) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.677 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.02 min

Lab File: VU031233.D

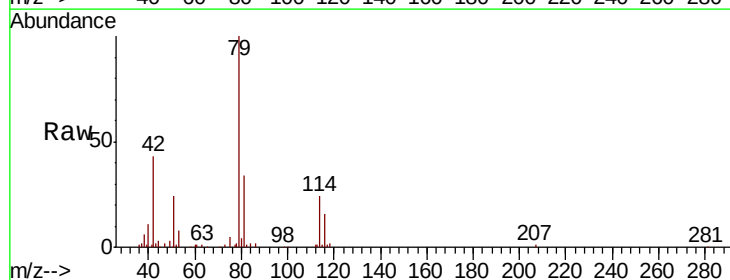
Acq: 17 Apr 2019 00:14

Tgt Ion: 75 Resp: 3721

Ion Ratio Lower Upper

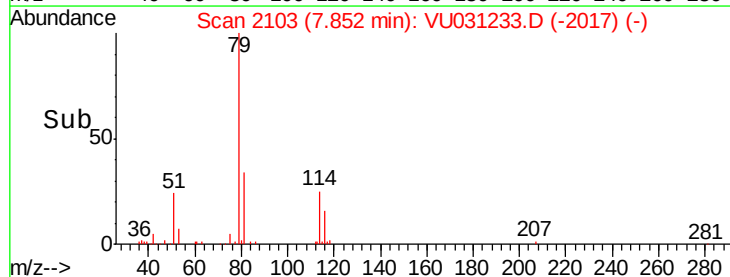
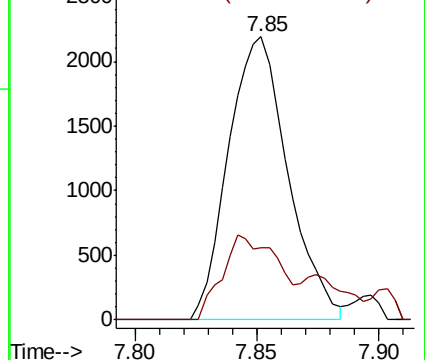
75 100

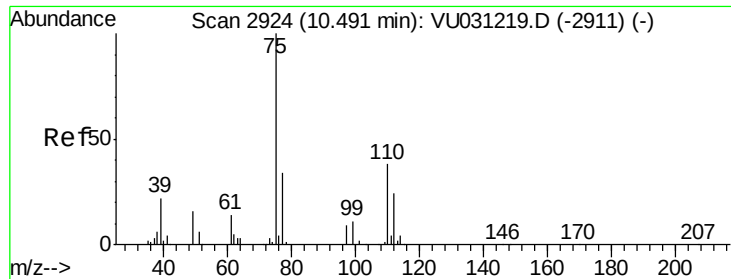
77 25.5 22.8 42.4



Abundance Ion 75.00 (74.70 to 75.70): VU031219.D (-2092) (-)

Ion 77.00 (76.70 to 77.70): VU031219.D (-2092) (-)





#59

1,2,3-Trichloropropane

Concen: 4.485 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031233.D

Acq: 17 Apr 2019 00:14

Instrument :

MSVOA_U

ClientSampleId :

VIBLK41

Tgt Ion: 75 Resp: 22536

Ion Ratio Lower Upper

75 100

77 34.1 25.4 38.2

