

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041719\
 Data File : VU031253.D
 Acq On : 17 Apr 2019 12:33
 Operator : JC/SP
 Sample : K2410-17
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Apr 18 04:53:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 18 04:50:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	475807	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	508123	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	172879	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	232716	53.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.22%
7) Chloroethane-d5	1.68	69	189009	49.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.36%
11) 1,1-Dichloroethene-d2	2.27	63	331164	38.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.30%
21) 2-Butanone-d5	4.19	46	323618	101.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.40%
24) Chloroform-d	4.64	84	329243	45.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.06%
26) 1,2-Dichloroethane-d4	5.31	65	225449	50.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.14%
32) Benzene-d6	5.34	84	690072	42.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.92%
36) 1,2-Dichloropropane-d6	6.33	67	233479	44.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.56%
41) Toluene-d8	7.56	98	679478	48.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.14%
43) trans-1,3-Dichloropropene-	7.85	79	107605	43.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.36%
47) 2-Hexanone-d5	8.31	63	245257	99.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.66%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	292143	40.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	193473	48.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

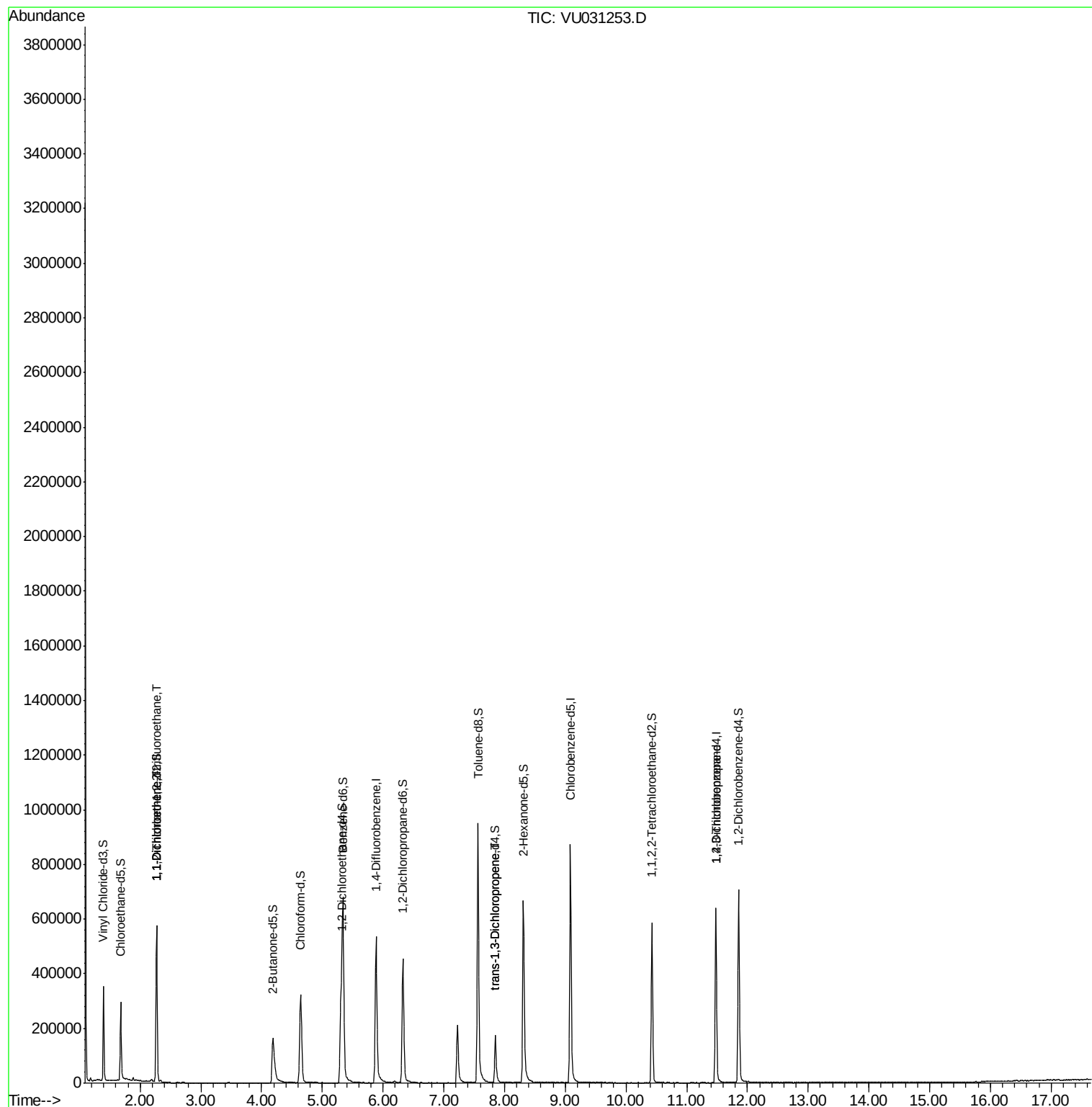
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2637	0.695 ug/L #	20
12) 1,1-Dichloroethene	2.27	96	2518	0.677 ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	3959	0.672 ug/L	86
59) 1,2,3-Trichloropropane	11.48	75	20988	3.899 ug/L	100

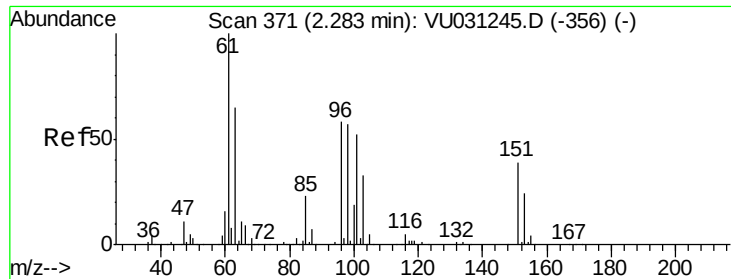
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.695 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

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Instrument :

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ClientSampleId :

VHBLK01

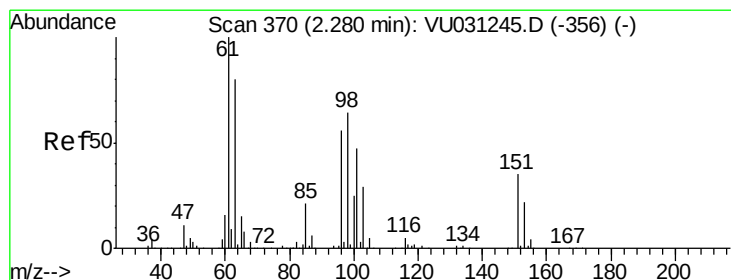
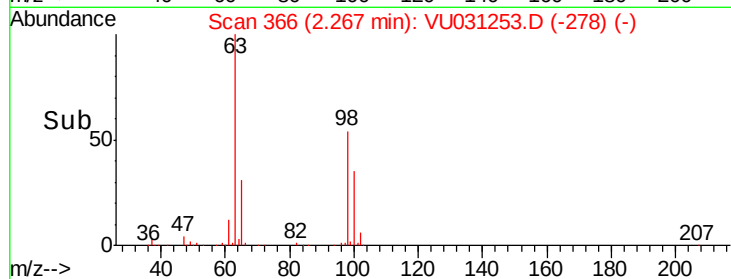
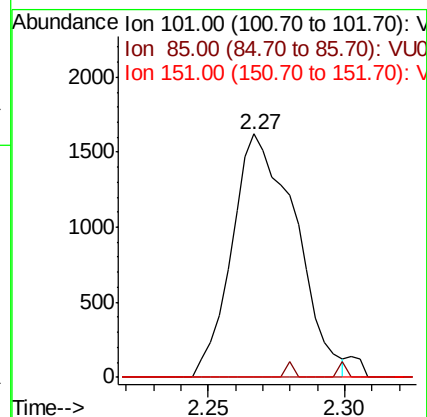
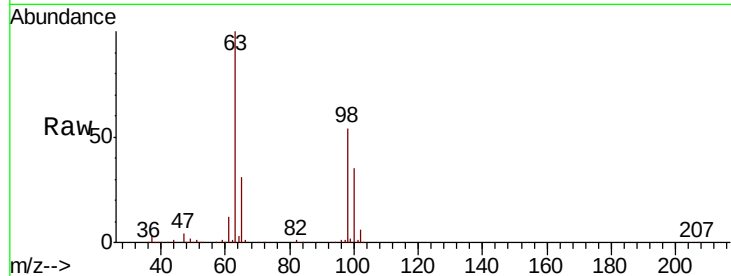
Tgt Ion: 101 Resp: 2637

Ion Ratio Lower Upper

101 100

85 1.7 35.4 53.0#

151 0.0 59.8 89.8#



#12

1,1-Dichloroethene

Concen: 0.677 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031253.D

Acq: 17 Apr 2019 12:33

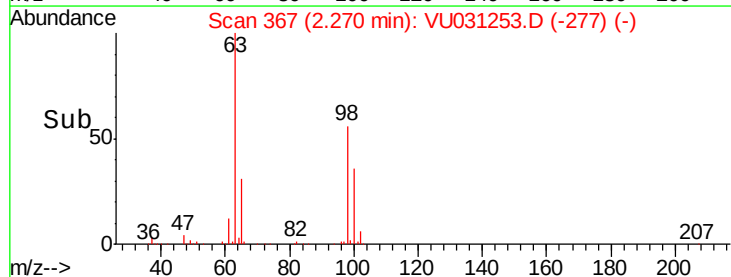
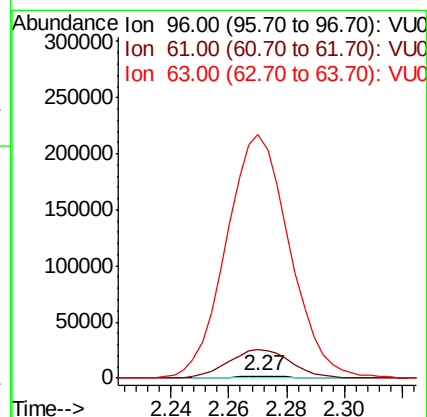
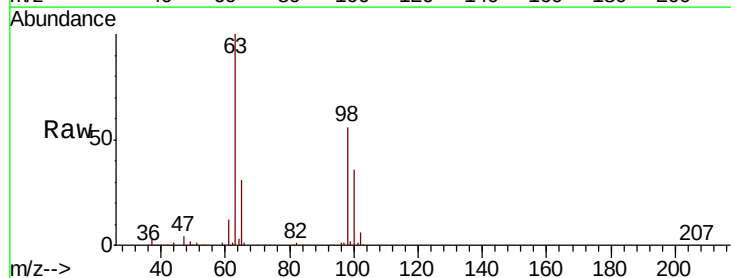
Tgt Ion: 96 Resp: 2518

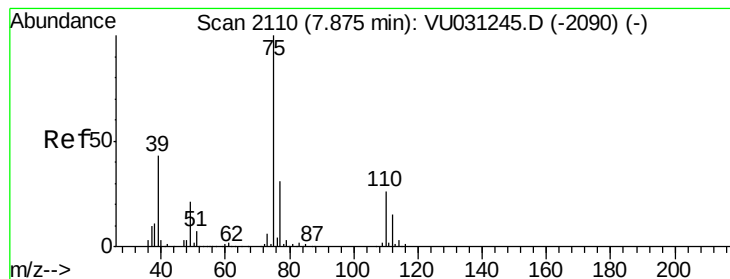
Ion Ratio Lower Upper

96 100

61 1449.9 130.4 242.2#

63 12196.0 108.9 202.3#





#44

trans-1,3-Dichloropropene

Concen: 0.672 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031253.D

Acq: 17 Apr 2019 12:33

Instrument :

MSVOA_U

ClientSampleId :

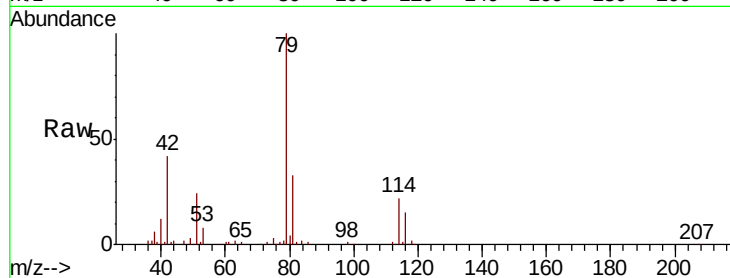
VHBLK01

Tgt Ion: 75 Resp: 3959

Ion Ratio Lower Upper

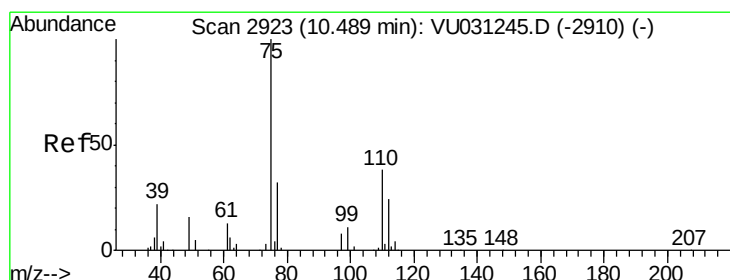
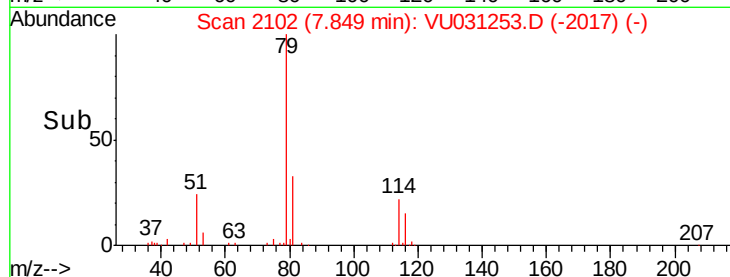
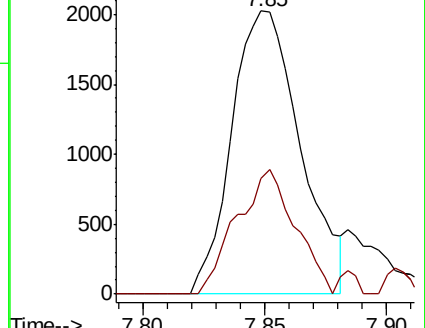
75 100

77 40.7 22.8 42.4



Abundance Ion 75.00 (74.70 to 75.70): VU031245.D (-2090) (-)

Ion 77.00 (76.70 to 77.70): VU031245.D (-2090) (-)



#59

1,2,3-Trichloropropane

Concen: 3.899 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031253.D

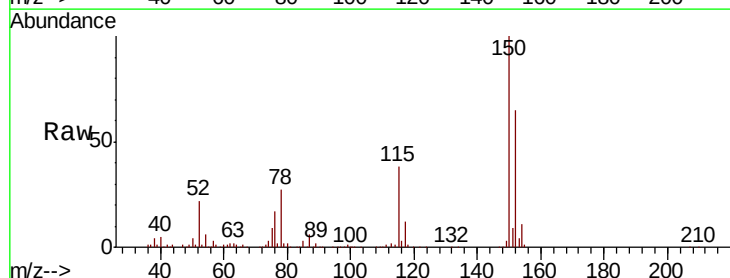
Acq: 17 Apr 2019 12:33

Tgt Ion: 75 Resp: 20988

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU031245.D (-2910) (-)

Ion 77.00 (76.70 to 77.70): VU031245.D (-2910) (-)

