

Data File : VU033252.D
Acq On : 15 Jul 2019 12:52
Operator : JC/SP
Sample : K3785-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Quant Time: Jul 16 01:49:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 16 01:46:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	304810	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	304969	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	136850	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	102295	44.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.66%
7) Chloroethane-d5	1.67	69	90830	46.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.16%
11) 1,1-Dichloroethene-d2	2.26	63	139838	33.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.82%
21) 2-Butanone-d5	4.15	46	150041	102.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.63%
24) Chloroform-d	4.62	84	184777	47.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.56%
26) 1,2-Dichloroethane-d4	5.29	65	120422	48.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.12%
32) Benzene-d6	5.32	84	362948	48.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.02%
36) 1,2-Dichloropropane-d6	6.31	67	119182	49.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.46%
41) Toluene-d8	7.55	98	328021	46.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.98%
43) trans-1,3-Dichloropropene-	7.83	79	55463	47.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.40%
47) 2-Hexanone-d5	8.30	63	105186	97.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.36%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	176883	48.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.52%
64) 1,2-Dichlorobenzene-d4	11.85	152	126210	51.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.42%

Target Compounds

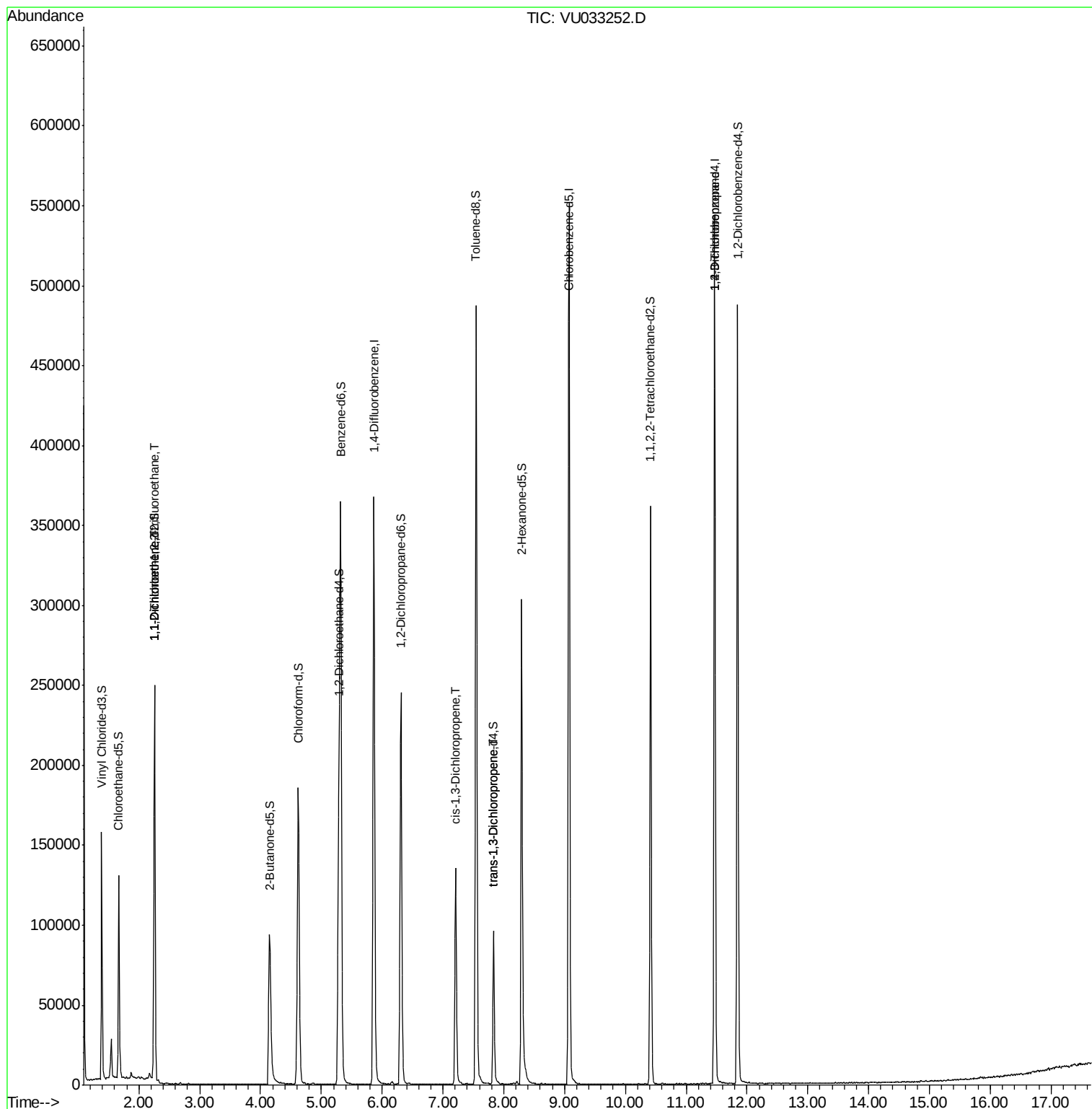
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1310	0.630 ug/L #	21
12) 1,1-Dichloroethene	2.25	96	1219	0.599 ug/L #	1
39) cis-1,3-Dichloropropene	7.21	75	3605	0.975 ug/L	90
44) trans-1,3-Dichloropropene	7.83	75	2640	0.792 ug/L	97
59) 1,2,3-Trichloropropane	11.47	75	17787	5.665 ug/L	96

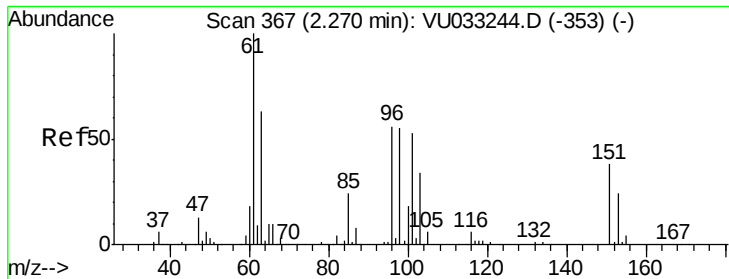
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.630 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

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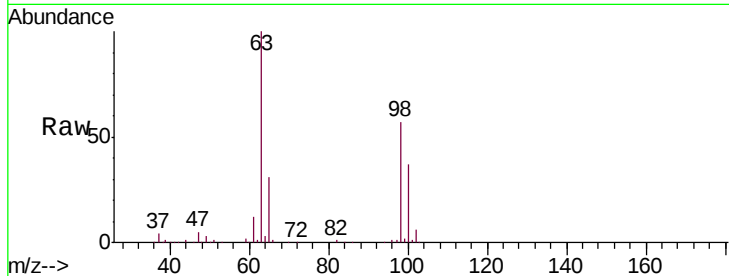
Tgt Ion: 101 Resp: 1310

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

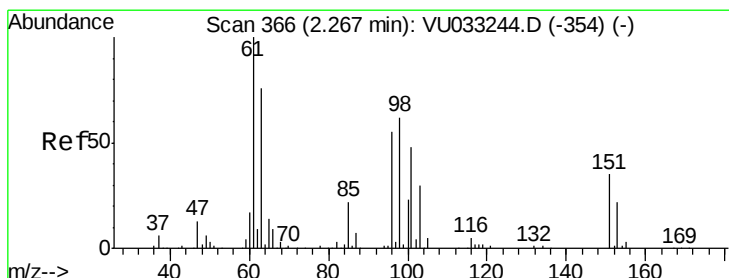
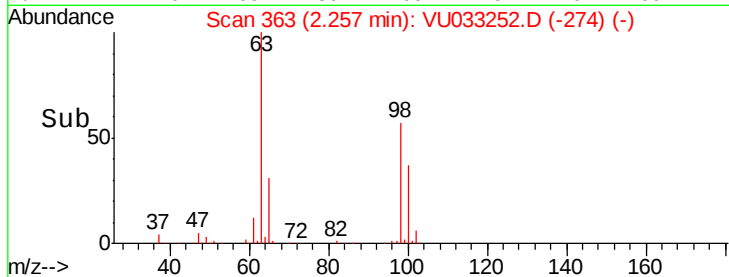
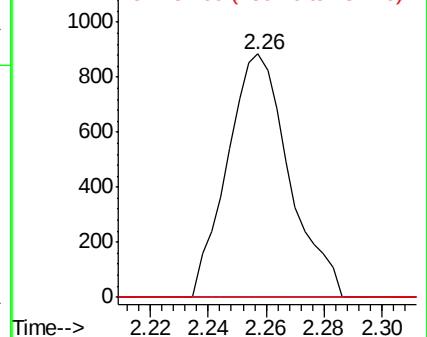
151 0.0 56.7 85.1#



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



#12

1,1-Dichloroethene

Concen: 0.599 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.01 min

Lab File: VU033252.D

Acq: 15 Jul 2019 12:52

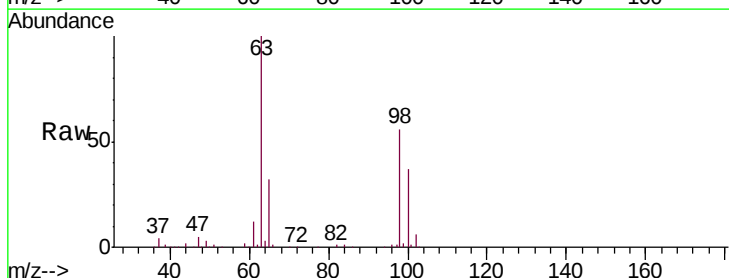
Tgt Ion: 96 Resp: 1219

Ion Ratio Lower Upper

96 100

61 1389.5 126.1 234.1#

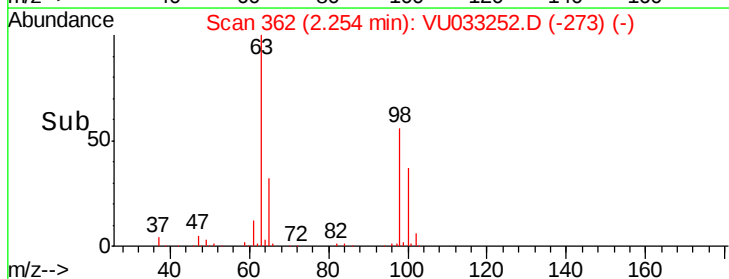
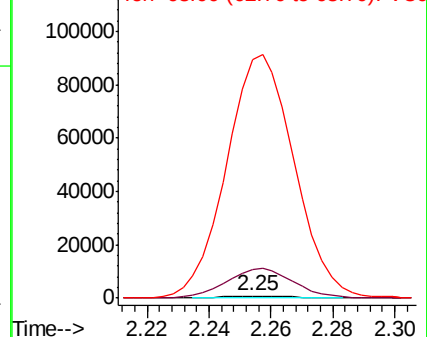
63 11348.4 96.8 179.8#

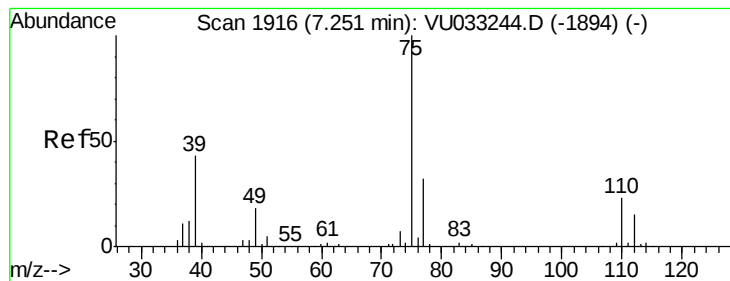


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0



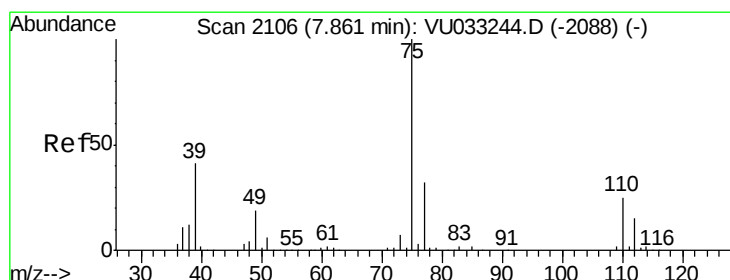
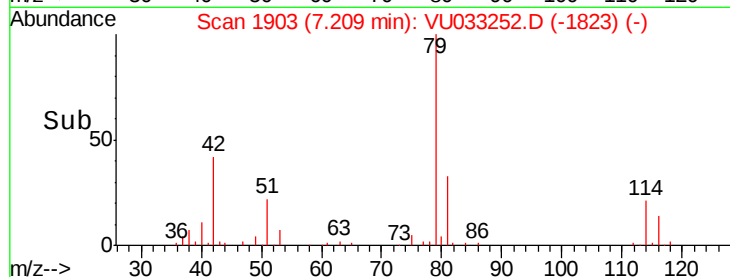
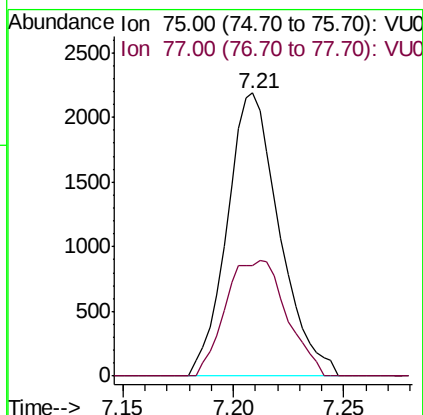
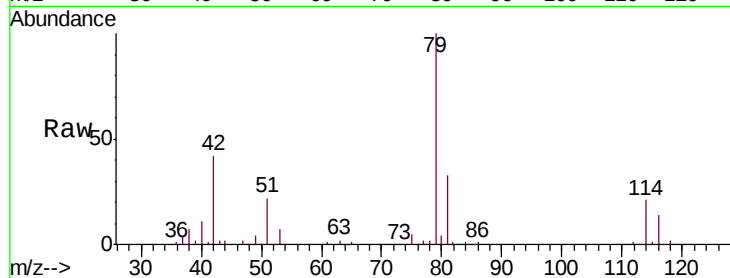


#39

cis-1,3-Dichloropropene
 Concen: 0.975 ug/L
 RT: 7.21 min Scan# 1903
 Delta R.T. -0.04 min
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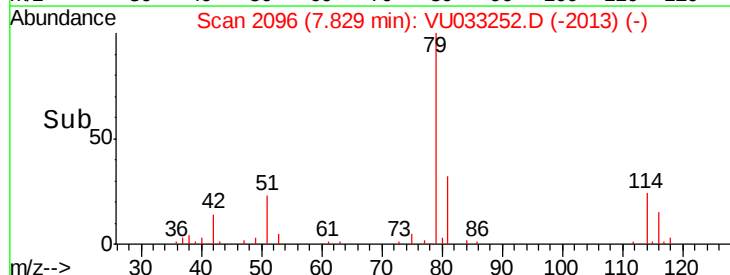
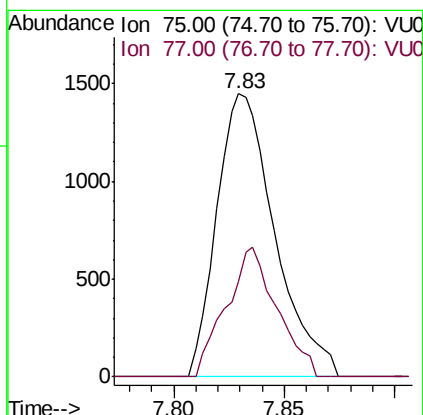
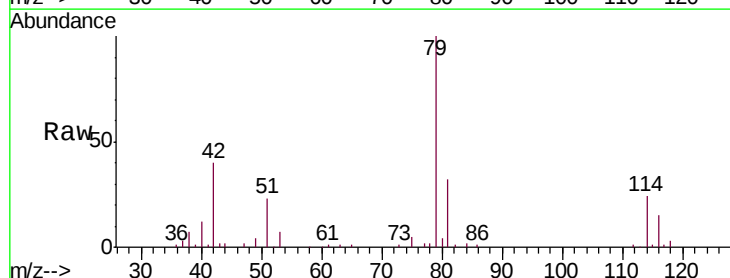
Tgt Ion: 75 Resp: 3605
 Ion Ratio Lower Upper
 75 100
 77 38.8 23.1 42.9

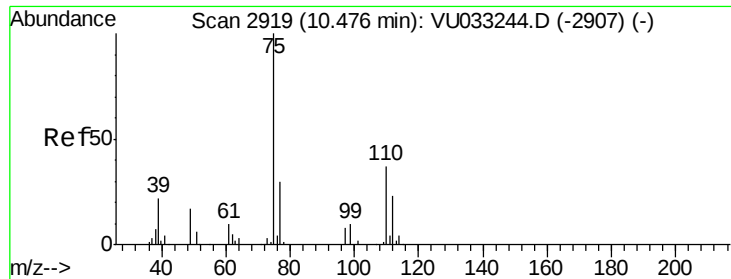


#44

trans-1,3-Dichloropropene
 Concen: 0.792 ug/L
 RT: 7.83 min Scan# 2096
 Delta R.T. -0.03 min
 Lab File: VU033252.D
 Acq: 15 Jul 2019 12:52

Tgt Ion: 75 Resp: 2640
 Ion Ratio Lower Upper
 75 100
 77 33.8 22.4 41.6





#59

1,2,3-Trichloropropane

Concen: 5.665 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU033252.D

Acq: 15 Jul 2019 12:52

Instrument :

MSVOA_U

ClientSampleId :

VHBLK02

Tgt Ion: 75 Resp: 17787

Ion Ratio Lower Upper

75 100

77 34.7 26.0 39.0

