

Data File : VU032210.D
Acq On : 21 May 2019 19:41
Operator : JC/SP
Sample : K2862-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: May 22 02:13:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052119WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 22 02:08:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	798454	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	799218	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	332837	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	244520	46.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.90%
7) Chloroethane-d5	1.67	69	219567	48.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.76%
11) 1,1-Dichloroethene-d2	2.27	63	350624	35.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.70%
21) 2-Butanone-d5	4.17	46	312551	97.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.26%
24) Chloroform-d	4.64	84	479531	46.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.46%
26) 1,2-Dichloroethane-d4	5.30	65	293447	48.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.88%
32) Benzene-d6	5.33	84	1003825	48.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.64%
36) 1,2-Dichloropropane-d6	6.32	67	295631	49.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.56%
41) Toluene-d8	7.56	98	916540	46.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.10%
43) trans-1,3-Dichloropropene-	7.85	79	128187	43.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.60%
47) 2-Hexanone-d5	8.31	63	249993	91.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.87%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	446547	46.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.04%
64) 1,2-Dichlorobenzene-d4	11.85	152	354166	50.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.76%

Target Compounds

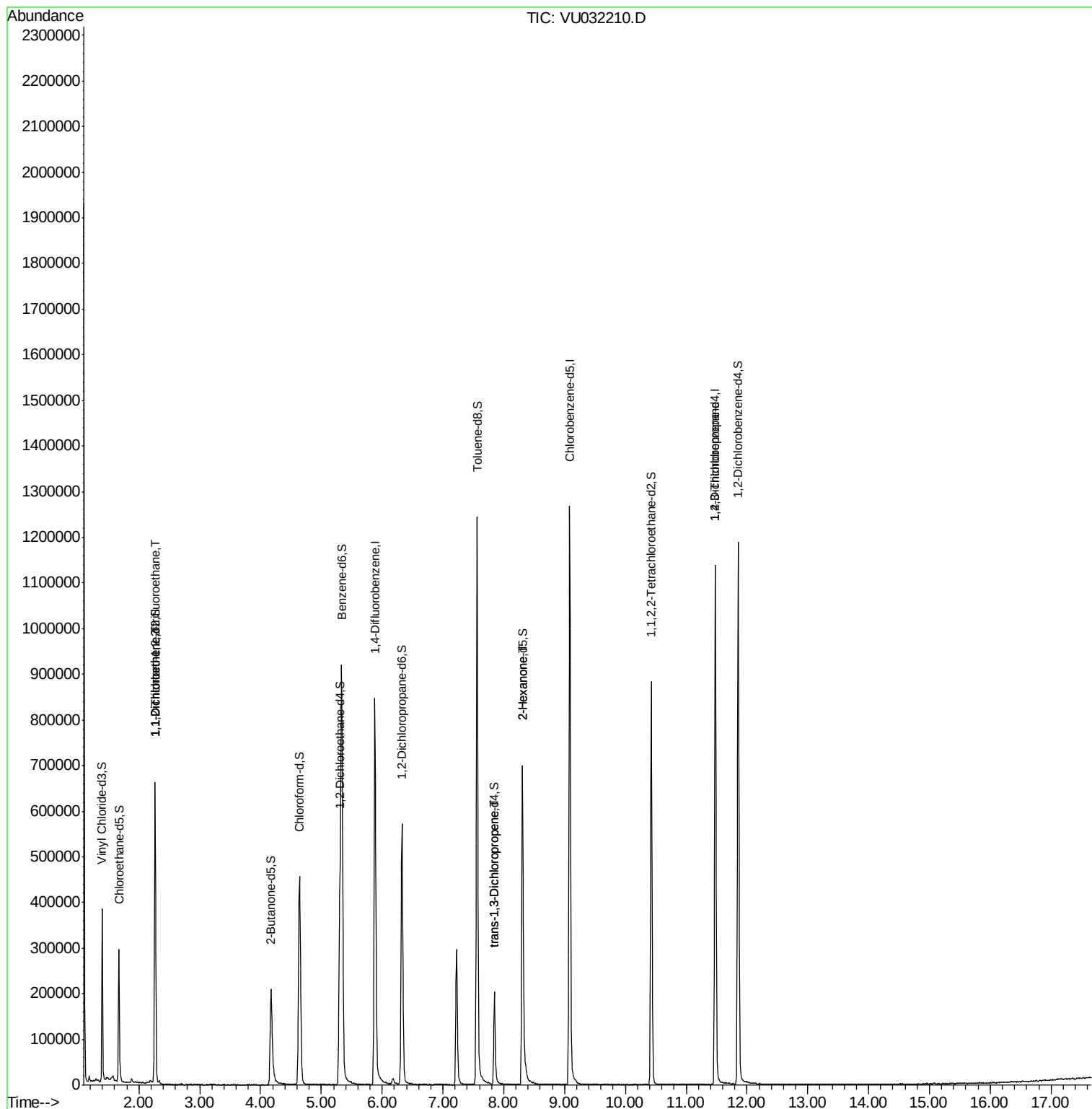
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	3996	0.743	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	3106	0.580	ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	4949	0.651	ug/L	84
48) 2-Hexanone	8.31	43	27213	5.101	ug/L #	75
59) 1,2,3-Trichloropropane	11.48	75	32139	4.265	ug/L #	88

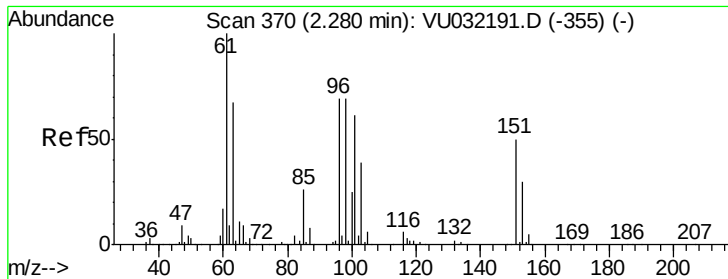
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.743 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

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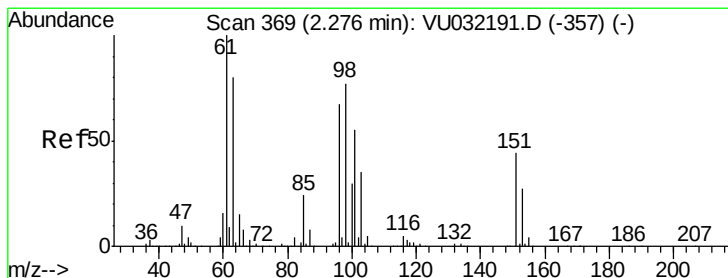
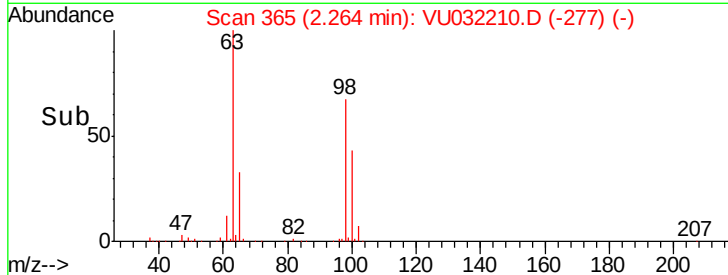
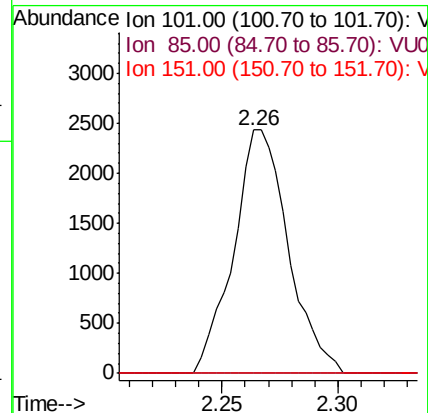
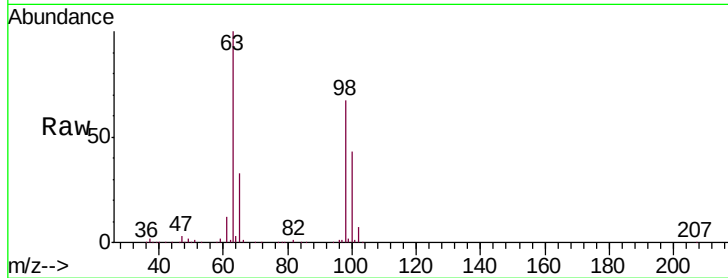
Tgt Ion: 101 Resp: 3996

Ion Ratio Lower Upper

101 100

85 0.0 32.5 48.7#

151 0.0 63.1 94.7#



#12

1,1-Dichloroethene

Concen: 0.580 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032210.D

Acq: 21 May 2019 19:41

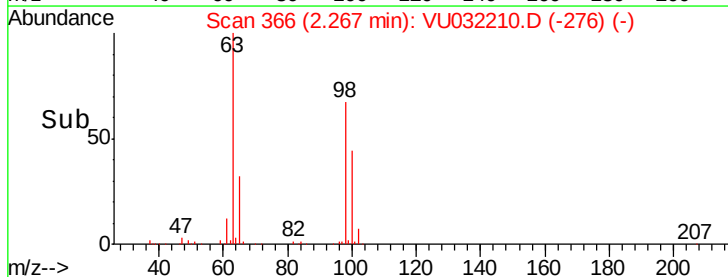
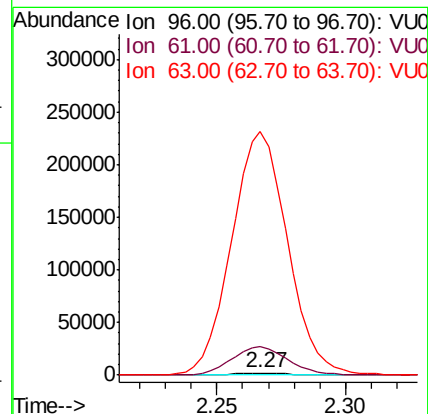
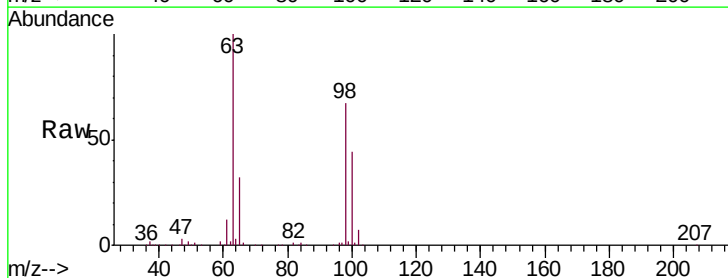
Tgt Ion: 96 Resp: 3106

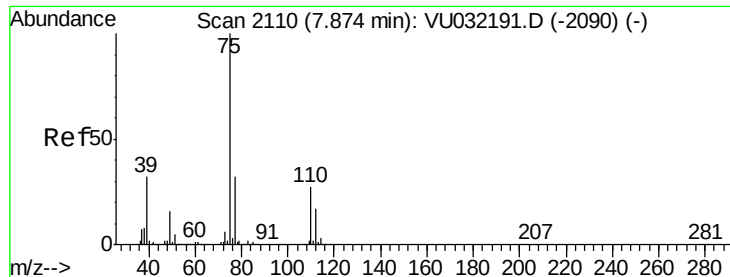
Ion Ratio Lower Upper

96 100

61 1231.6 103.7 192.7#

63 10575.1 83.3 154.7#





#44

trans-1,3-Dichloropropene

Concen: 0.651 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032210.D

Acq: 21 May 2019 19:41

Instrument :

MSVOA_U

ClientSampleId :

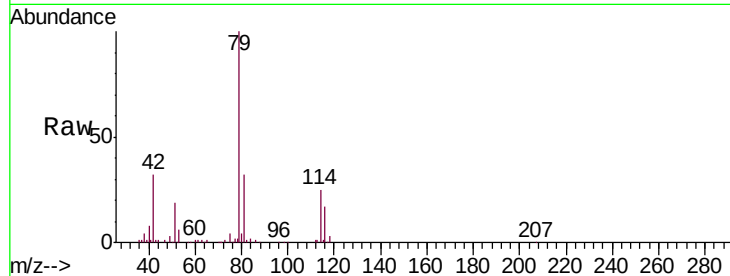
VHBLK01

Tgt Ion: 75 Resp: 4949

Ion Ratio Lower Upper

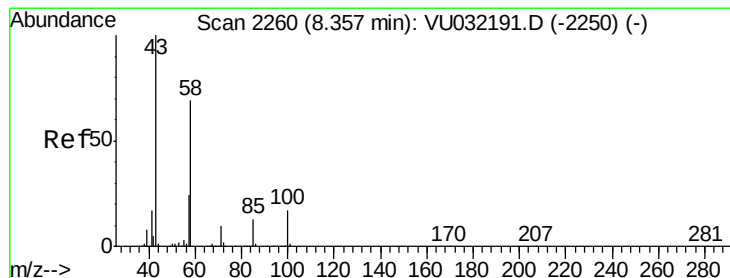
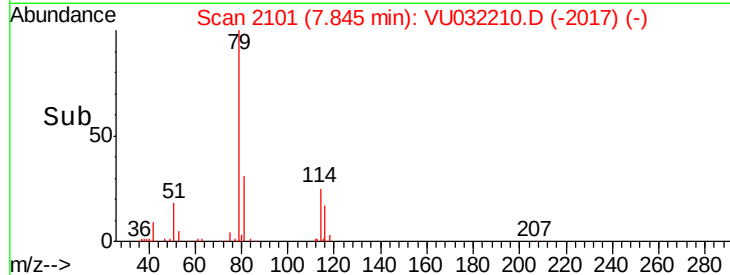
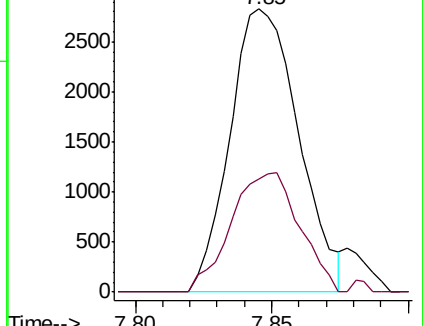
75 100

77 39.9 21.8 40.4



Abundance Ion 75.00 (74.70 to 75.70): VU032210.D (-2101) (-)

Ion 77.00 (76.70 to 77.70): VU032210.D (-2101) (-)



#48

2-Hexanone

Concen: 5.101 ug/L

RT: 8.31 min Scan# 2245

Delta R.T. -0.05 min

Lab File: VU032210.D

Acq: 21 May 2019 19:41

Tgt Ion: 43 Resp: 27213

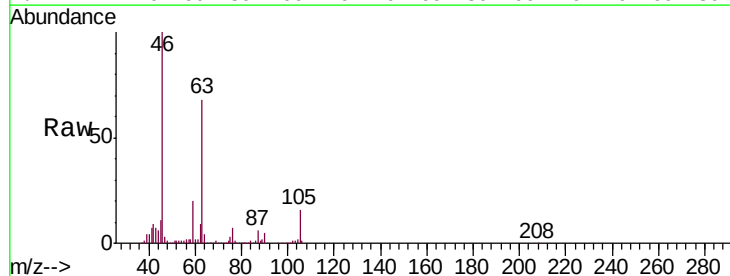
Ion Ratio Lower Upper

43 100

58 47.8 54.1 81.1#

57 34.1 19.4 29.0#

100 2.0 13.6 20.4#

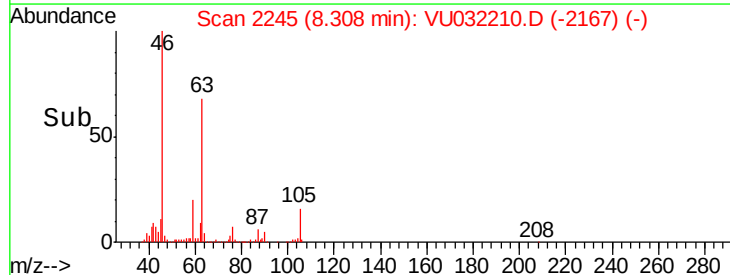
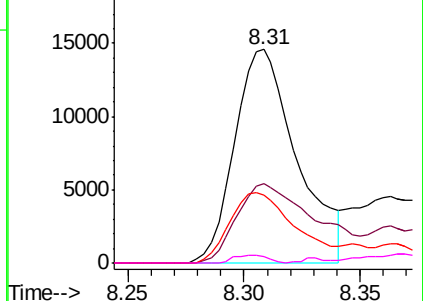


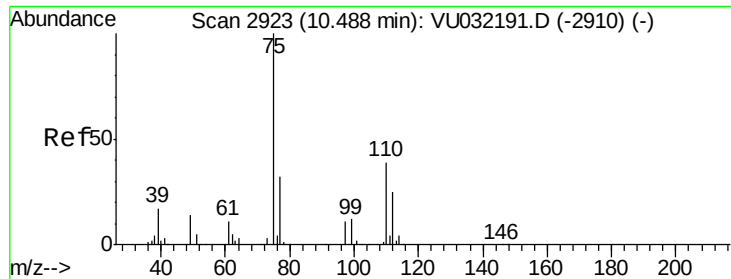
Abundance Ion 43.00 (42.70 to 43.70): VU032210.D (-2245) (-)

Ion 58.00 (57.70 to 58.70): VU032210.D (-2245) (-)

Ion 57.00 (56.70 to 57.70): VU032210.D (-2245) (-)

Ion 100.00 (99.70 to 100.70): VU032210.D (-2245) (-)





#59

1,2,3-Trichloropropane

Concen: 4.265 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032210.D

Acq: 21 May 2019 19:41

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 32139

Ion Ratio Lower Upper

75 100

77 39.4 26.0 39.0#

