

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090220\
 Data File : VX018212.D
 Acq On : 02 Sep 2020 13:21
 Operator : JC/SP
 Sample : VX0902WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VBLK31

Quant Time: Sep 03 04:57:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXML090220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 03 04:54:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	728548	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	688749	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	12.06	152	313218	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	298335	50.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.48%
7) Chloroethane-d5	1.69	69	224375	50.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.48%
11) 1,1-Dichloroethene-d2	2.34	63	446291	39.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.00%
21) 2-Butanone-d5	4.53	46	443962	109.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.09%
24) Chloroform-d	5.14	84	574452	53.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.26%
26) 1,2-Dichloroethane-d4	6.03	65	400163	50.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.02%
32) Benzene-d6	6.05	84	1078466	52.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.42%
36) 1,2-Dichloropropane-d6	7.37	67	347986	54.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.20%
41) Toluene-d8	8.70	98	1004906	50.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.26%
43) trans-1,3-Dichloropropene-	8.99	79	186200	51.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.78%
47) 2-Hexanone-d5	9.43	63	315850	110.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.82%
57) 1,1,2,2-Tetrachloroethane-	11.23	84	444532	51.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.52%
64) 1,2-Dichlorobenzene-d4	12.36	152	366670	53.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.78%

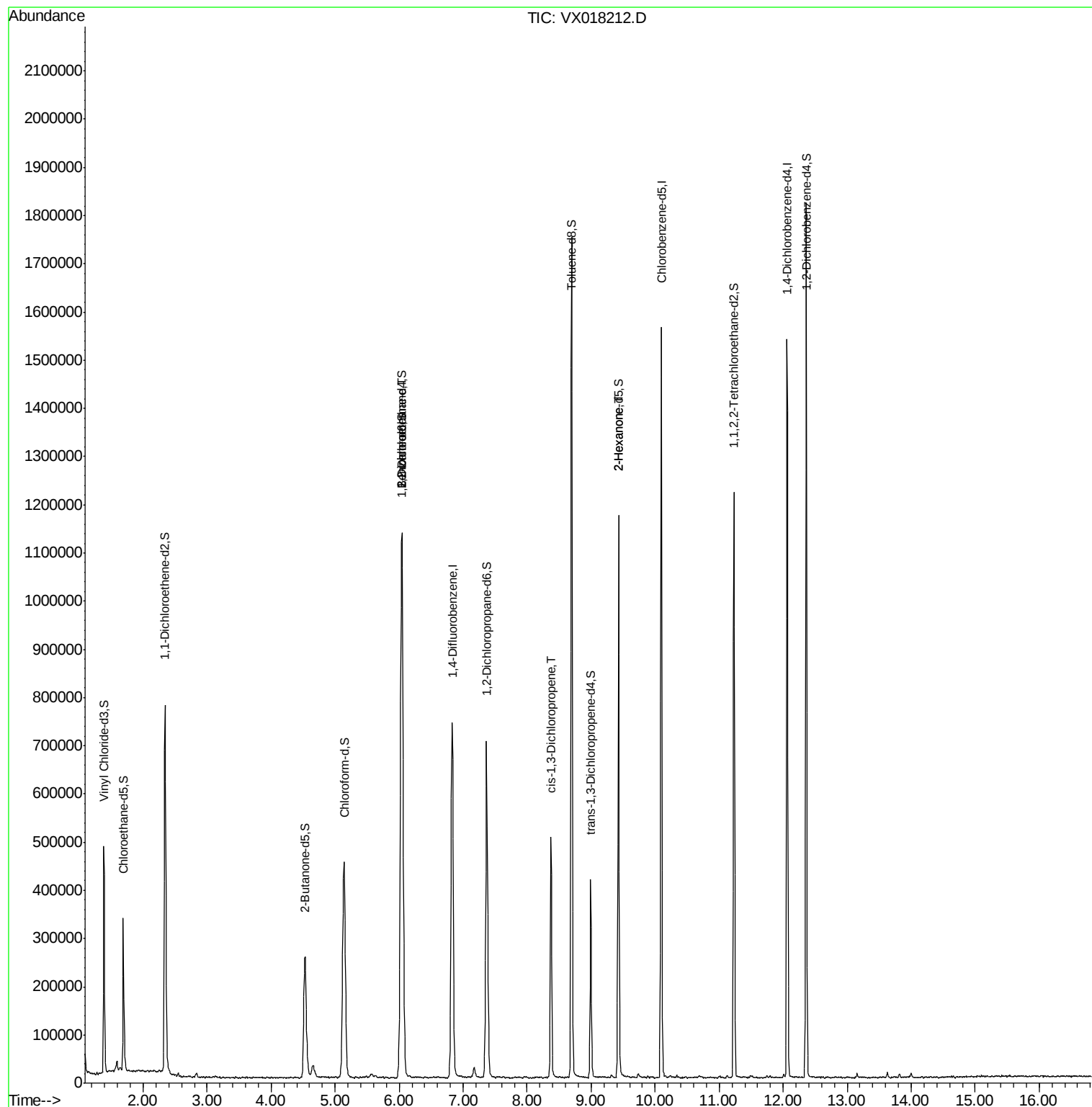
Target Compounds					Ovalue
27) 1,2-Dichloroethane	6.04	62	7556	0.905 ug/L	96
39) cis-1,3-Dichloropropene	8.37	75	12597	1.531 ug/L	85
48) 2-Hexanone	9.43	43	38568	6.668 ug/L #	69

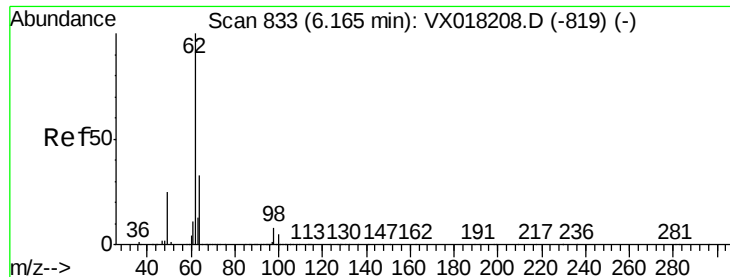
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#27

1,2-Dichloroethane

Concen: 0.905 ug/L

RT: 6.04 min Scan# 813

Delta R.T. -0.12 min

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Acq: 02 Sep 2020 13:21

Instrument :

MSVOA_X

ClientSampleId :

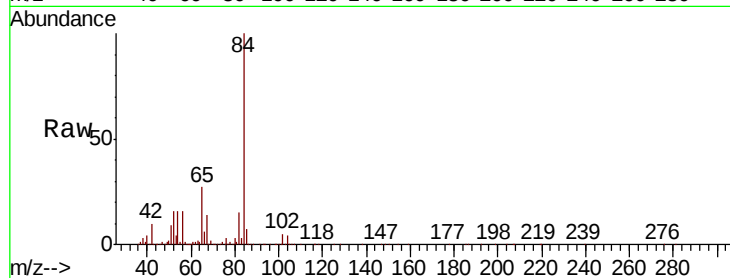
VBLK31

Tot Ion: 62 Resp: 7556

Ion Ratio Lower Upper

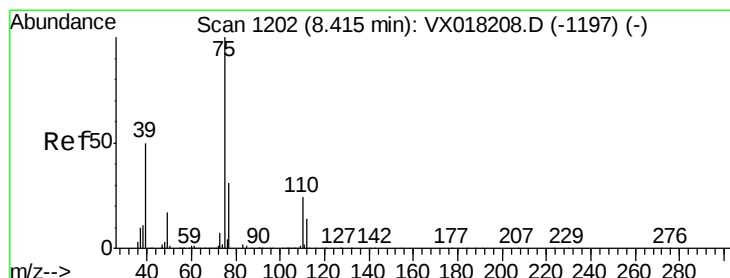
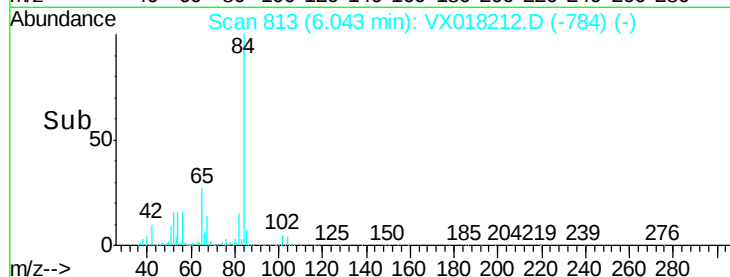
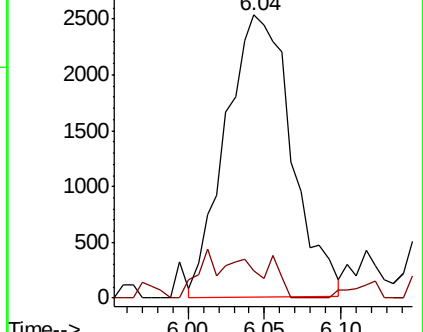
62 100

98 9.6 6.6 9.8



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#39

cis-1,3-Dichloropropene

Concen: 1.531 ug/L

RT: 8.37 min Scan# 1195

Delta R.T. -0.04 min

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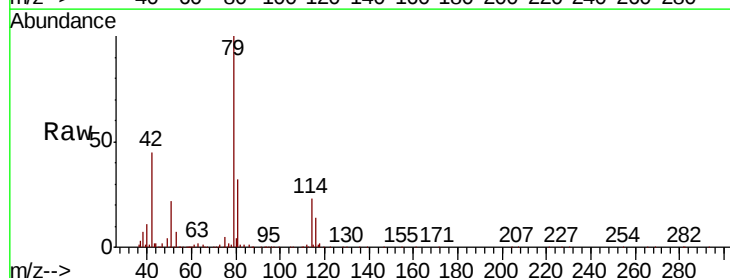
Acq: 02 Sep 2020 13:21

Tgt Ion: 75 Resp: 12597

Ion Ratio Lower Upper

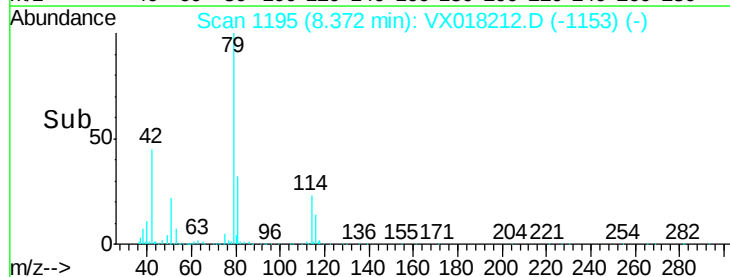
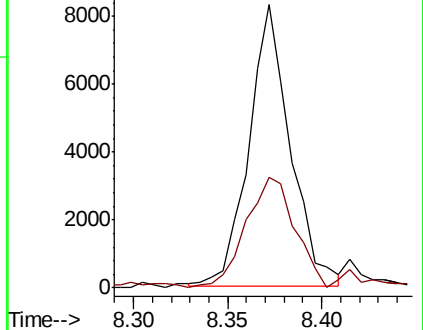
75 100

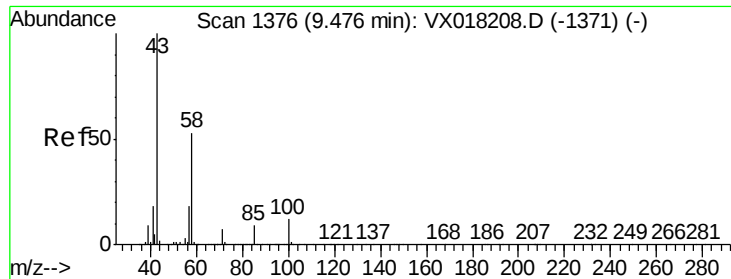
77 39.1 21.7 40.3



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#48

2-Hexanone

Concen: 6.668 ug/L

RT: 9.43 min Scan# 1368

Delta R.T. -0.05 min

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MSVOA_X

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Tot Ion: 43 Resp: 38568

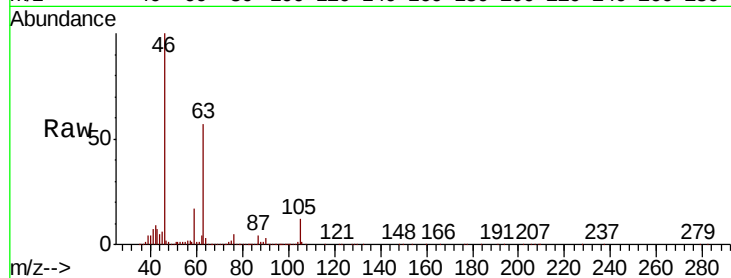
Ion Ratio Lower Upper

43 100

58 25.5 41.8 62.8#

57 24.7 15.2 22.8#

100 0.9 9.4 14.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 100.00 (99.70 to 100.70): V

