

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101320\
 Data File : VV018875.D
 Acq On : 13 Oct 2020 14:08
 Operator : SY/MD
 Sample : L4308-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Oct 14 01:35:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 14 01:28:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	350572	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	347398	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	163057	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	127756	40.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.22%
7) Chloroethane-d5	1.58	69	106377	41.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.98%
11) 1,1-Dichloroethene-d2	2.12	63	192523	31.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.70%
21) 2-Butanone-d5	3.92	46	187441	95.83	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.83%
24) Chloroform-d	4.38	84	235782	41.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.90%
26) 1,2-Dichloroethane-d4	5.06	65	164716	43.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.48%
32) Benzene-d6	5.07	84	474349	42.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.86%
36) 1,2-Dichloropropane-d6	6.09	67	155802	42.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.48%
41) Toluene-d8	7.34	98	419396	42.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.52%
43) trans-1,3-Dichloropropene-	7.64	79	72749	40.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.66%
47) 2-Hexanone-d5	8.11	63	99081	77.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.55%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	158132	37.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	75.42%
64) 1,2-Dichlorobenzene-d4	11.65	152	167016	46.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.56%

Target Compounds

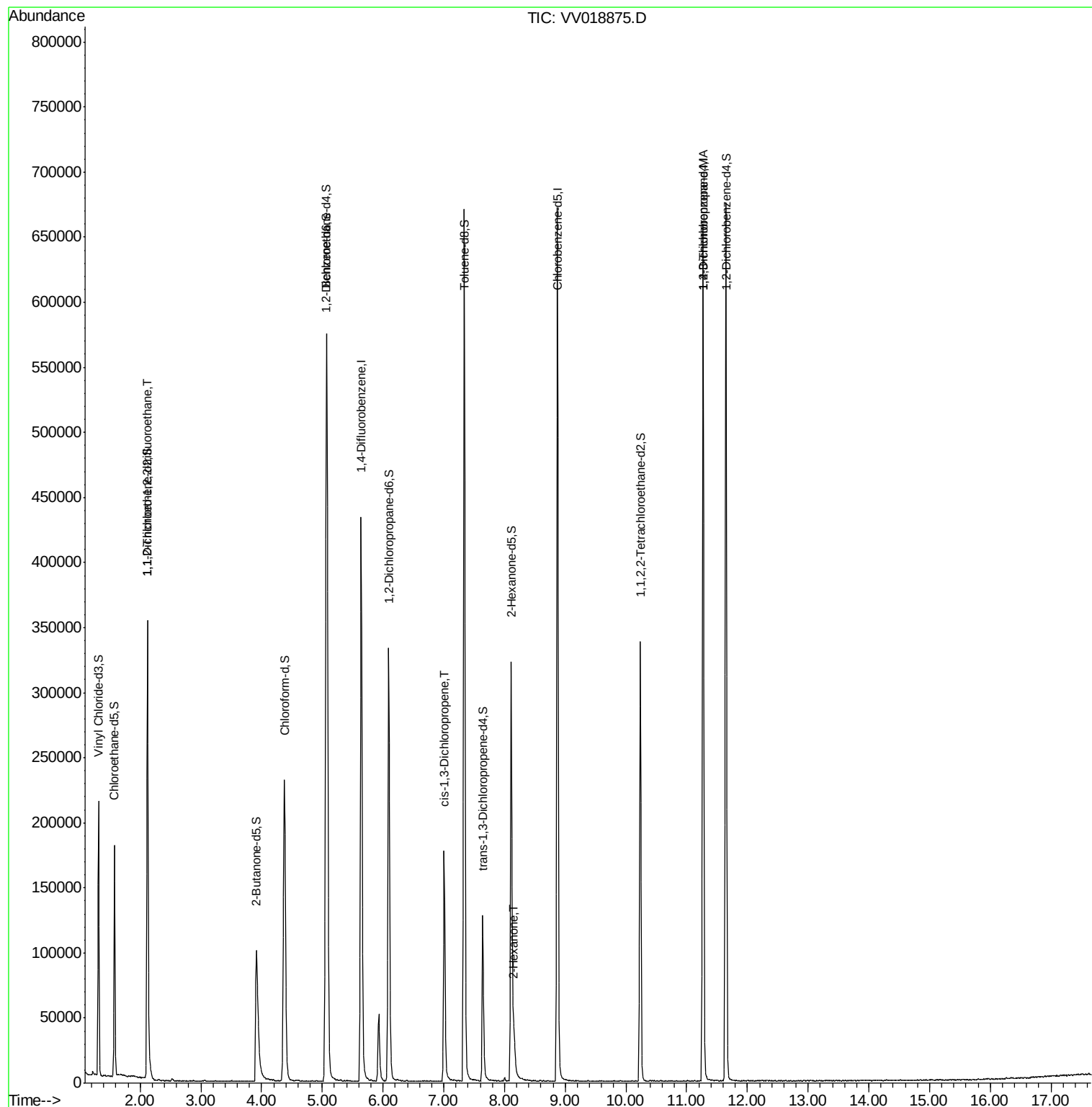
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1747	0.693 ug/L #	19
39) cis-1,3-Dichloropropene	7.01	75	4966	1.161 ug/L #	81
48) 2-Hexanone	8.16	43	19833	6.386 ug/L #	78
59) 1,2,3-Trichloropropane	11.27	75	19970	5.544 ug/L	92

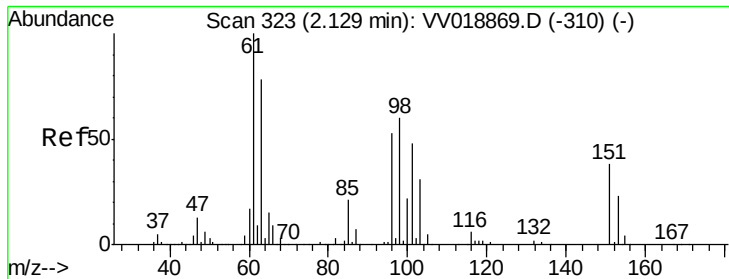
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.693 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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ClientSampleId :

VHBLK01

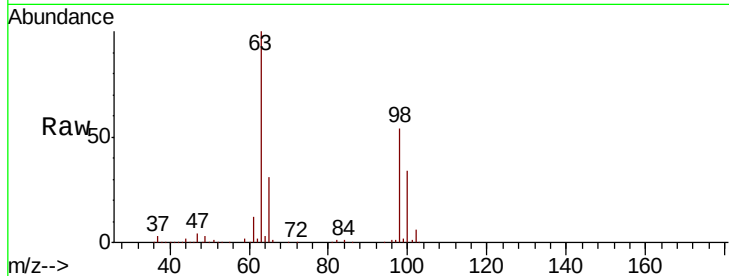
Tot Ion:101 Resp: 1747

Ion Ratio Lower Upper

101 100

85 0.0 35.9 53.9#

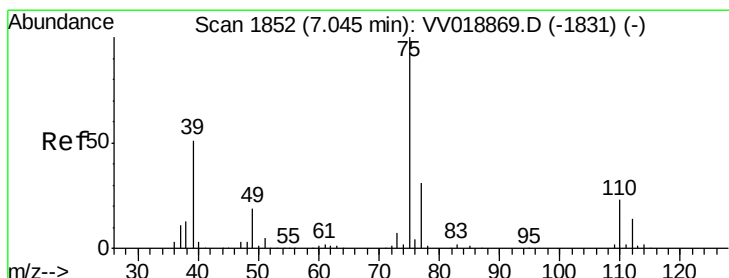
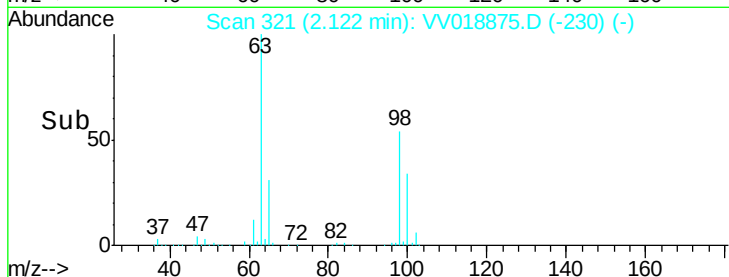
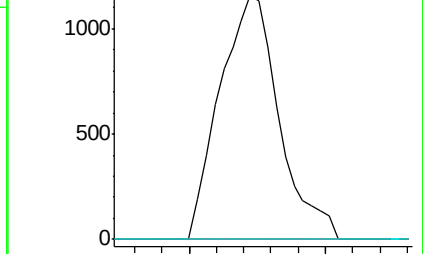
151 0.0 59.8 89.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#39

cis-1,3-Dichloropropene

Concen: 1.161 ug/L

RT: 7.01 min Scan# 1841

Delta R.T. -0.04 min

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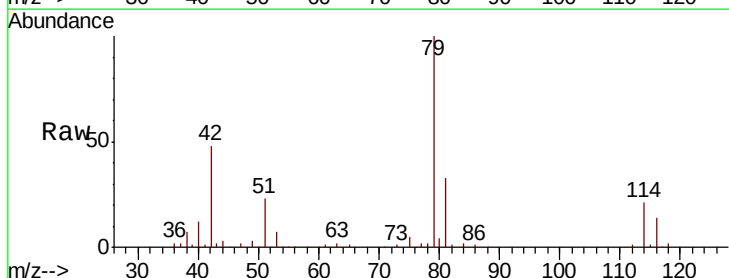
Acq: 13 Oct 2020 14:08

Tgt Ion: 75 Resp: 4966

Ion Ratio Lower Upper

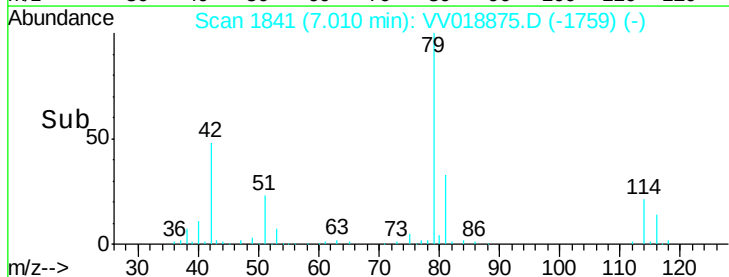
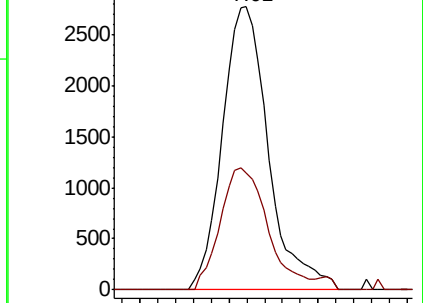
75 100

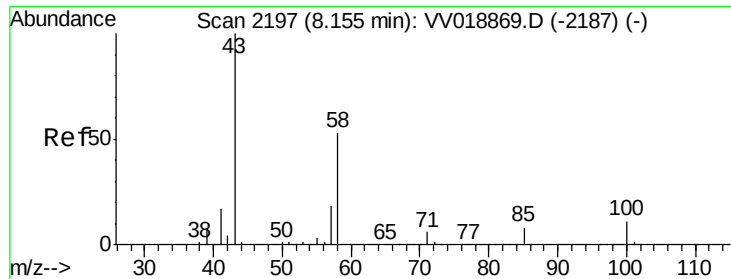
77 41.5 21.8 40.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

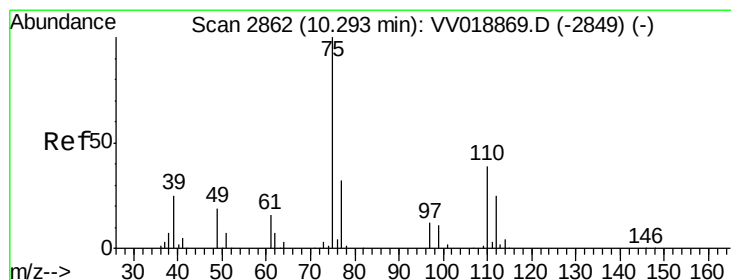
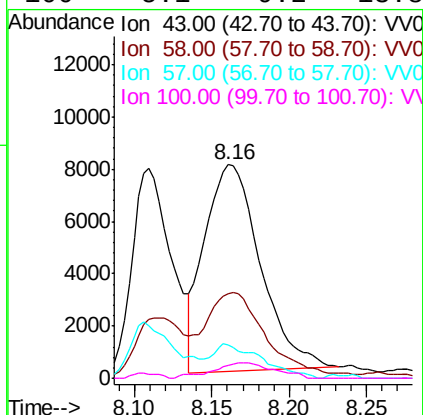
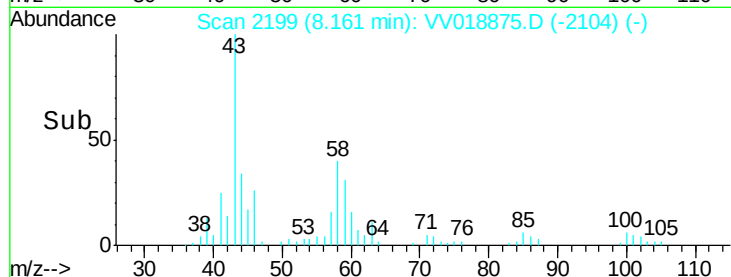
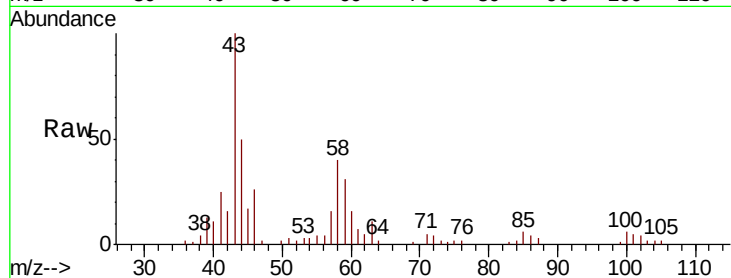




#48
2-Hexanone
Concen: 6.386 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.01 min
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Tot Ion: 43 Resp: 19833
Ion Ratio Lower Upper
43 100
58 38.7 41.8 62.8#
57 3.4 14.9 22.3#
100 5.1 9.2 13.8#



#59
1,2,3-Trichloropropane
Concen: 5.544 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018875.D
Acq: 13 Oct 2020 14:08

Tgt Ion: 75 Resp: 19970
Ion Ratio Lower Upper
75 100
77 37.0 25.9 38.9

