

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110720\
 Data File : VV0192283.D
 Acq On : 05 Nov 2020 17:08
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 05 22:41:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 05 22:32:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	241735	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	238245	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	117393	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88572	46.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.22%
7) Chloroethane-d5	1.58	69	75379	50.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.02%
11) 1,1-Dichloroethene-d2	2.12	63	132991	36.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.78%
21) 2-Butanone-d5	3.91	46	125053	106.28	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.28%
24) Chloroform-d	4.37	84	170919	47.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.66%
26) 1,2-Dichloroethane-d4	5.05	65	122423	49.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.34%
32) Benzene-d6	5.07	84	324241	47.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.96%
36) 1,2-Dichloropropane-d6	6.09	67	103056	51.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.28%
41) Toluene-d8	7.34	98	289267	44.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.12%
43) trans-1,3-Dichloropropene-	7.64	79	52861	45.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.66%
47) 2-Hexanone-d5	8.11	63	76753	87.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.95%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	124200	45.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.42%
64) 1,2-Dichlorobenzene-d4	11.65	152	123568	50.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

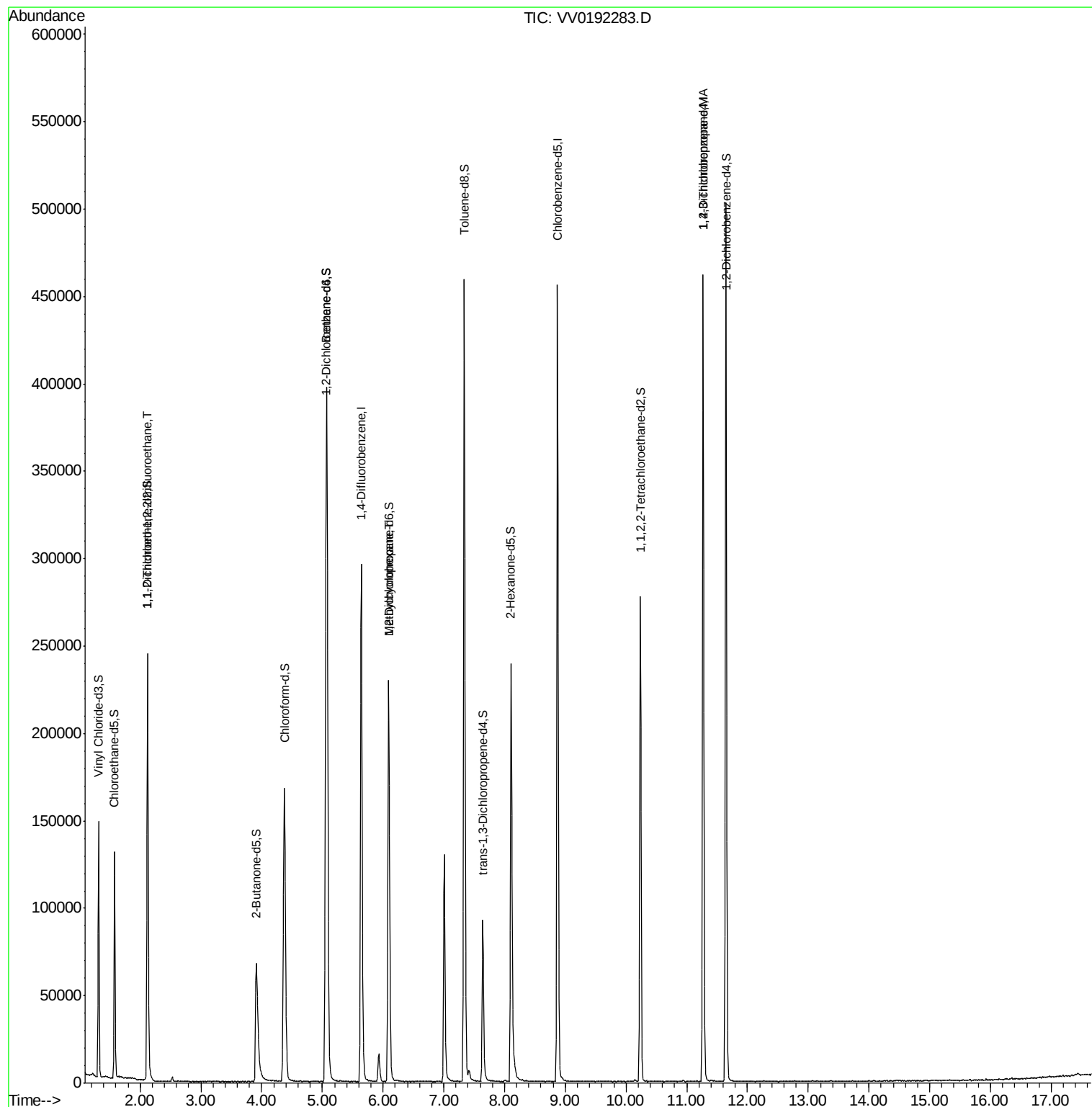
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1196	0.756 ug/L #	17
35) Methylcyclohexane	6.09	83	25756	10.138 ug/L #	18
59) 1,2,3-Trichloropropane	11.27	75	12884	5.777 ug/L	89

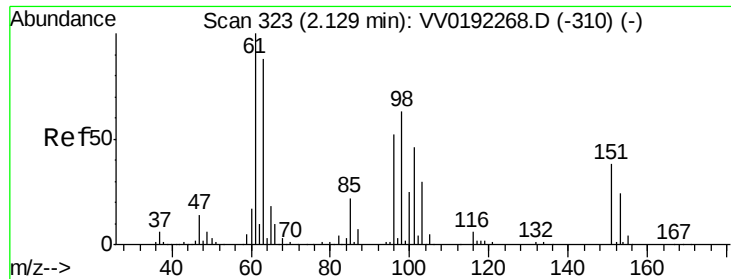
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.756 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampled :

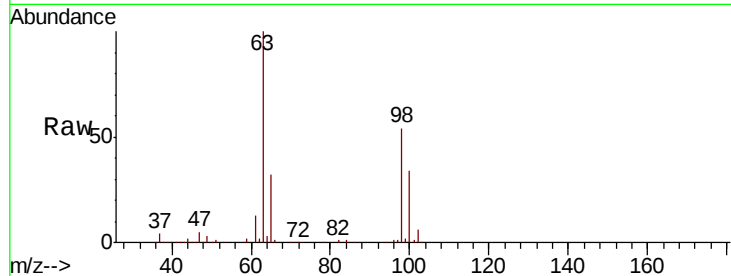
Tot Ion: 101 Resp: 1196

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

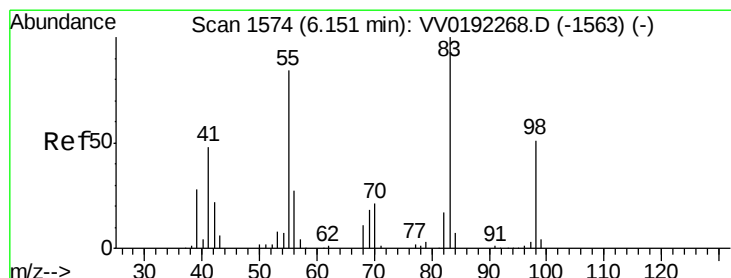
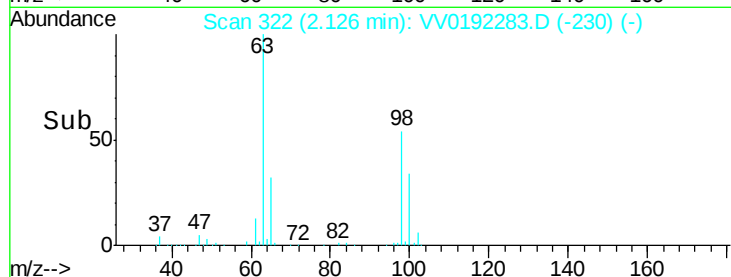
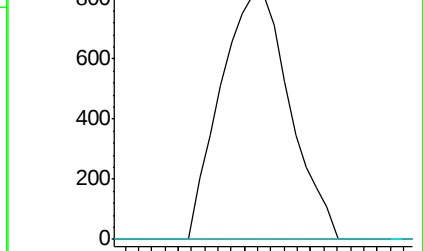
151 0.0 65.0 97.4#



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



#35

Methylcyclohexane

Concen: 10.138 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

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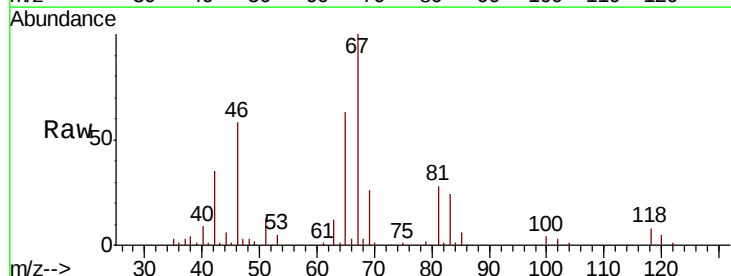
Tgt Ion: 83 Resp: 25756

Ion Ratio Lower Upper

83 100

55 0.2 62.2 93.4#

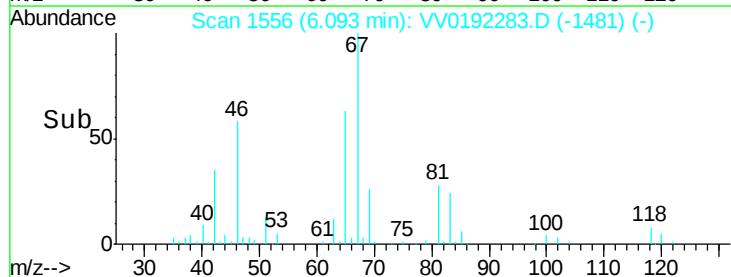
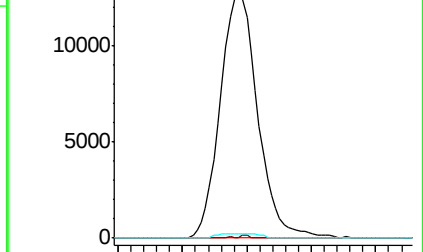
98 1.4 39.4 59.2#

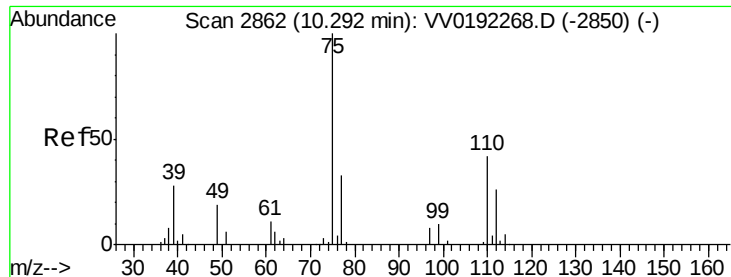


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#59

1,2,3-Trichloropropane

Concen: 5.777 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

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Tot Ion: 75 Resp: 12884

Ion Ratio Lower Upper

75 100

77 39.0 26.2 39.4

