

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121620\
 Data File : VV019678.D
 Acq On : 16 Dec 2020 16:35
 Operator : SY/MD
 Sample : L5062-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 17 00:31:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 17 00:30:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	612833	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	568949	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	258429	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	210864	47.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.96%
7) Chloroethane-d5	1.57	69	172402	49.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.48%
11) 1,1-Dichloroethene-d2	2.11	63	300684	36.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.74%
21) 2-Butanone-d5	3.90	46	296124	123.98	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	123.98%
24) Chloroform-d	4.35	84	370760	46.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.62%
26) 1,2-Dichloroethane-d4	5.04	65	257852	49.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.64%
32) Benzene-d6	5.05	84	751114	49.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.07	67	238840	50.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.50%
41) Toluene-d8	7.32	98	665069	48.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.36%
43) trans-1,3-Dichloropropene-	7.62	79	107897	39.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.82%
47) 2-Hexanone-d5	8.09	63	196467	105.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.31%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	299004	46.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.02%
64) 1,2-Dichlorobenzene-d4	11.63	152	237132	49.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.18%

Target Compounds

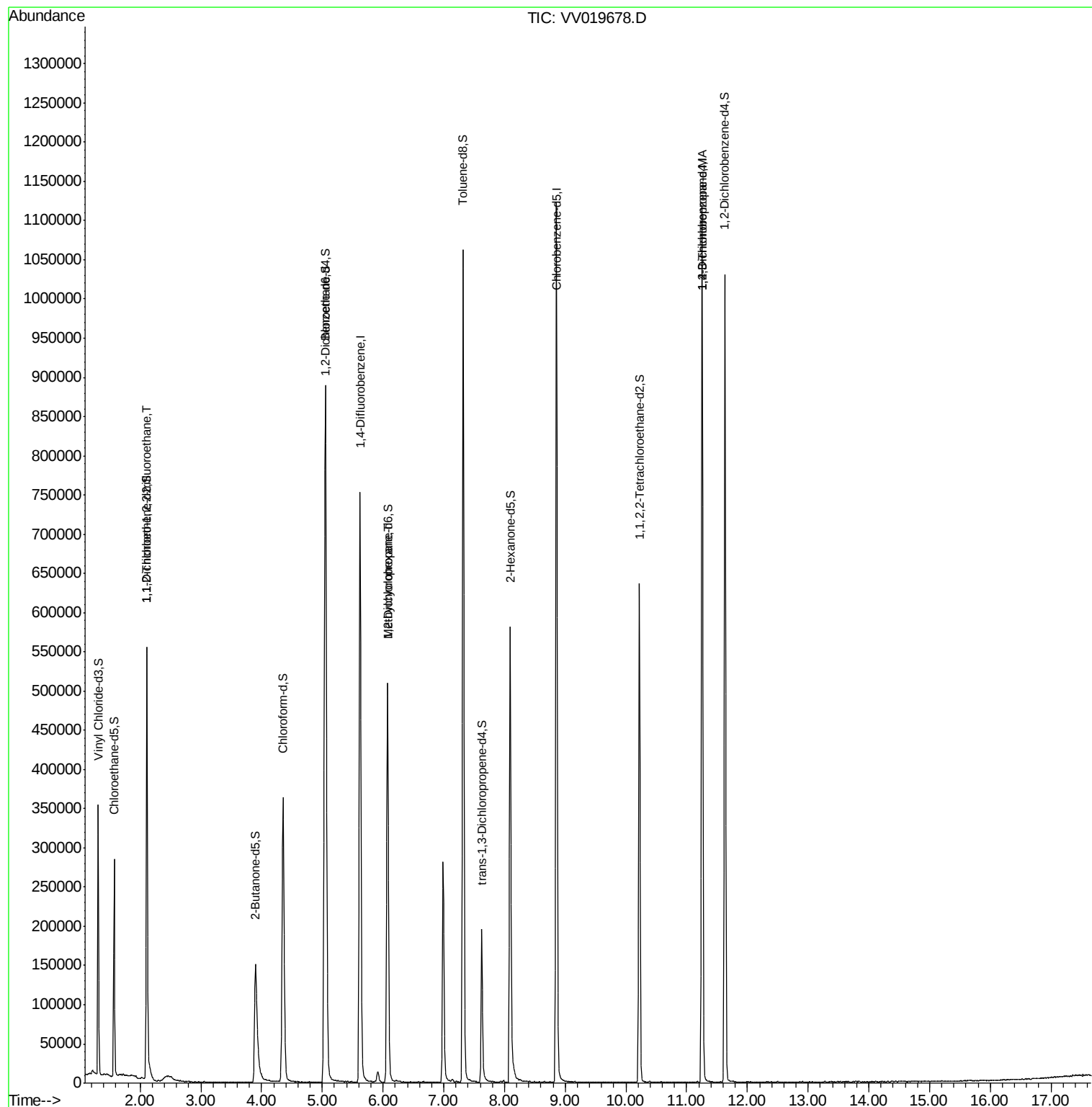
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2724	0.766 ug/L #	22
35) Methylcyclohexane	6.07	83	56741	8.503 ug/L #	18
59) 1,2,3-Trichloropropane	11.25	75	35865	6.640 ug/L	90

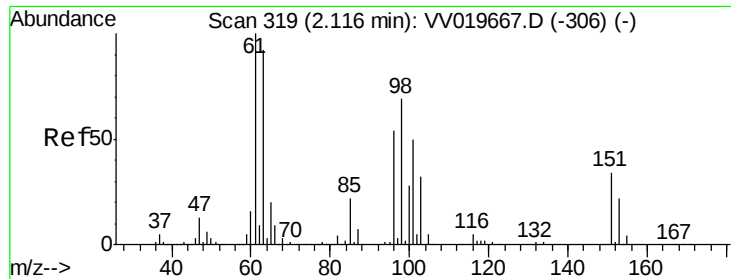
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.766 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019678.D

Acq: 16 Dec 2020 16:35

Instrument :

MSVOA_V

ClientSampled :

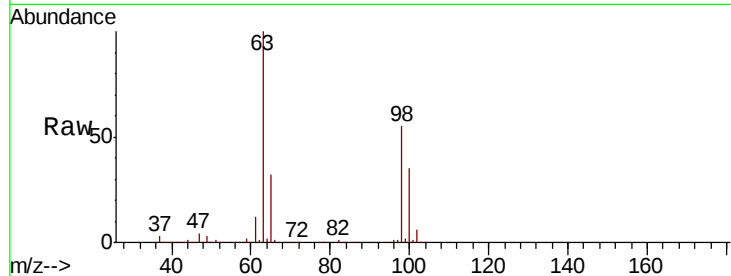
Tot Ion:101 Resp: 2724

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

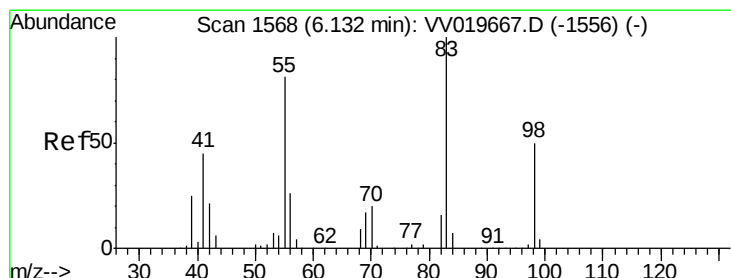
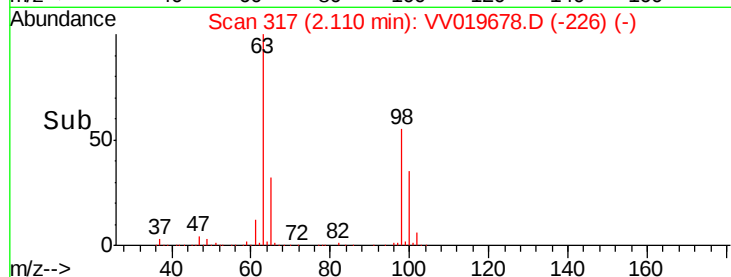
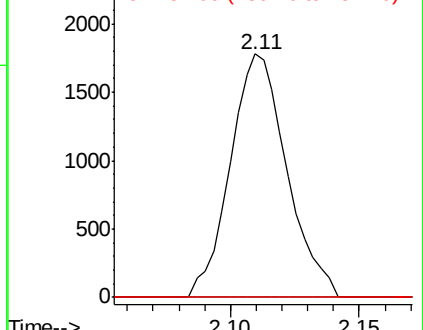
151 0.0 55.8 83.8#



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



#35

Methylcyclohexane

Concen: 8.503 ug/L

RT: 6.07 min Scan# 1550

Delta R.T. -0.06 min

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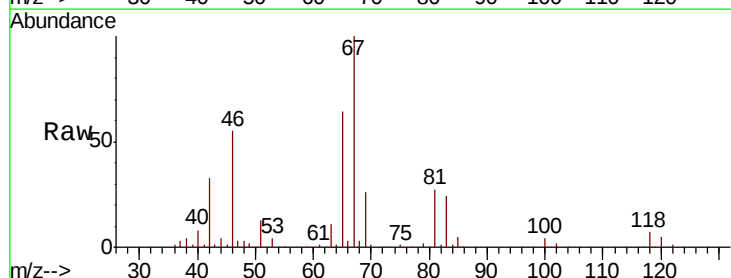
Tgt Ion: 83 Resp: 56741

Ion Ratio Lower Upper

83 100

55 0.7 64.2 96.4#

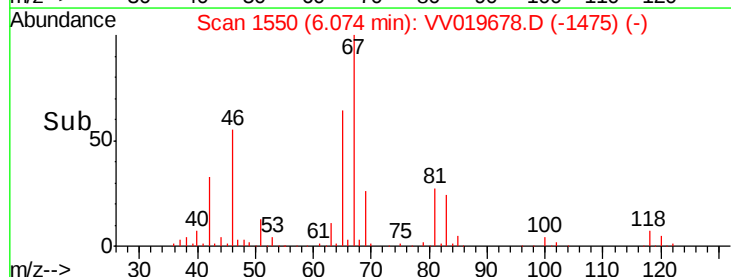
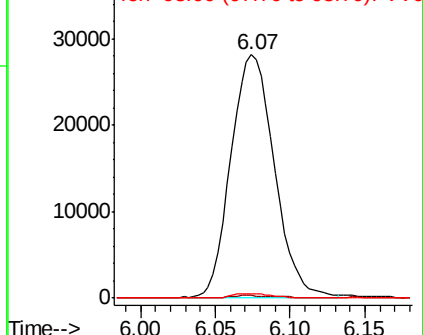
98 1.7 39.3 58.9#

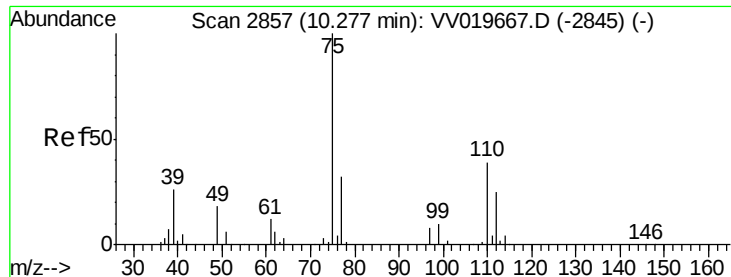


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#59

1,2,3-Trichloropropane

Concen: 6.640 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.98 min

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MSVOA_V

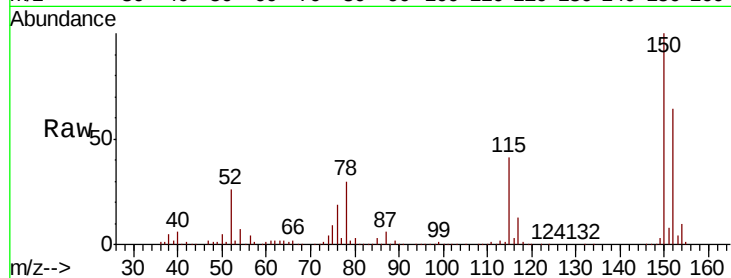
ClientSampleId :

Tot Ion: 75 Resp: 35865

Ion Ratio Lower Upper

75 100

77 37.9 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

