

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121220\
 Data File : VV019585.D
 Acq On : 13 Dec 2020 03:40
 Operator : SY/MD
 Sample : L4998-15
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AT5

Quant Time: Dec 13 07:42:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 13 07:40:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	613882	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	576694	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	259156	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	239271	54.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.70%
7) Chloroethane-d5	1.57	69	196344	56.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.10%
11) 1,1-Dichloroethene-d2	2.11	63	347303	42.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.02%
21) 2-Butanone-d5	3.90	46	266866	111.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.54%
24) Chloroform-d	4.35	84	422394	53.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.48%
26) 1,2-Dichloroethane-d4	5.04	65	296508	57.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.38%
32) Benzene-d6	5.05	84	854423	55.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.10%
36) 1,2-Dichloropropane-d6	6.07	67	273009	56.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.32%
41) Toluene-d8	7.32	98	758620	54.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.56%
43) trans-1,3-Dichloropropene-	7.62	79	131531	48.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.00%
47) 2-Hexanone-d5	8.09	63	195335	103.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.30%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	342686	52.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.16%
64) 1,2-Dichlorobenzene-d4	11.63	152	271005	55.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.88%

Target Compounds

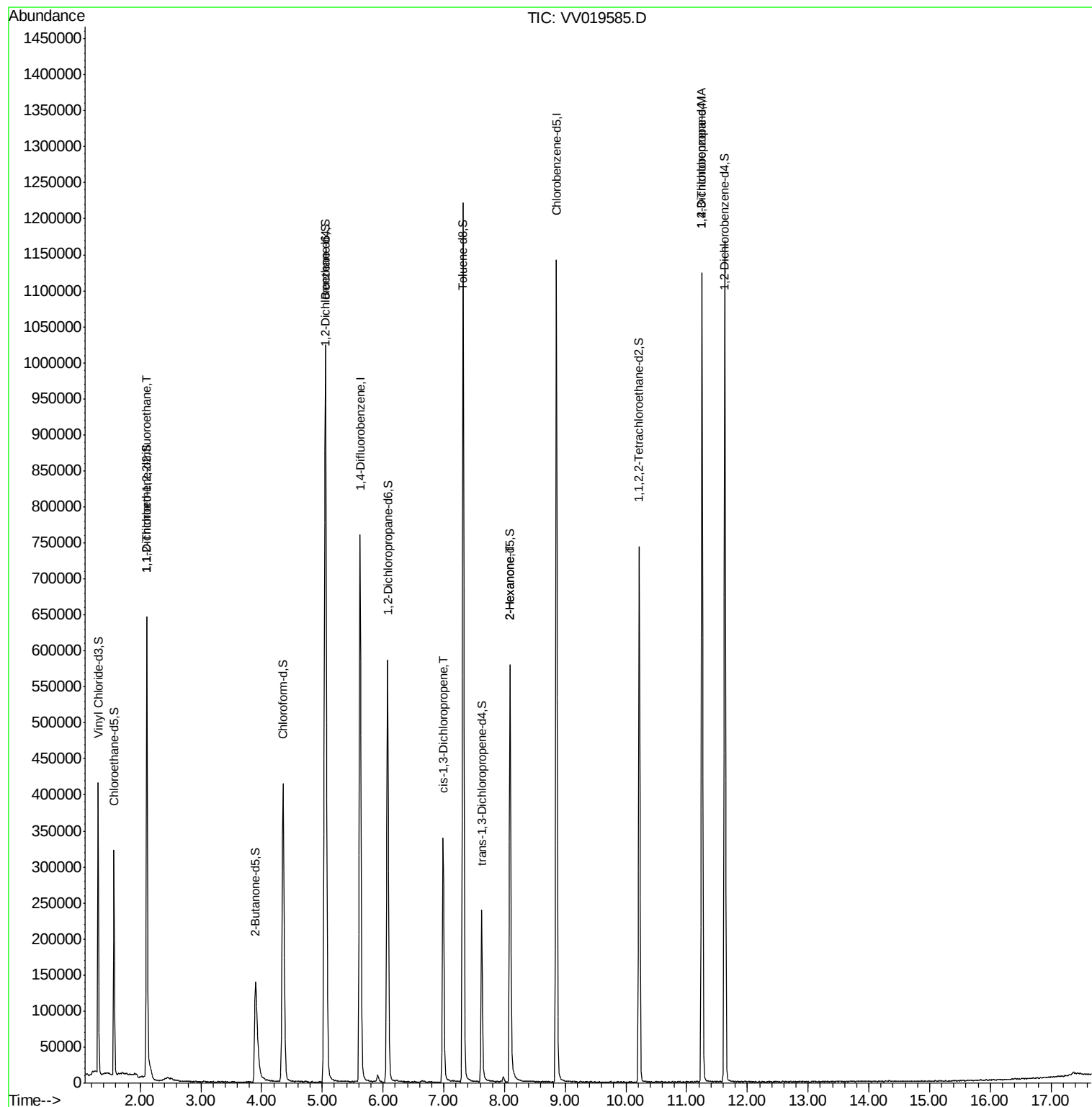
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	3076	0.863 ug/L #	22
39) cis-1,3-Dichloropropene	6.99	75	8882	1.215 ug/L #	65
48) 2-Hexanone	8.09	43	23931	4.967 ug/L #	66
59) 1,2,3-Trichloropropane	11.25	75	35565	6.496 ug/L #	86

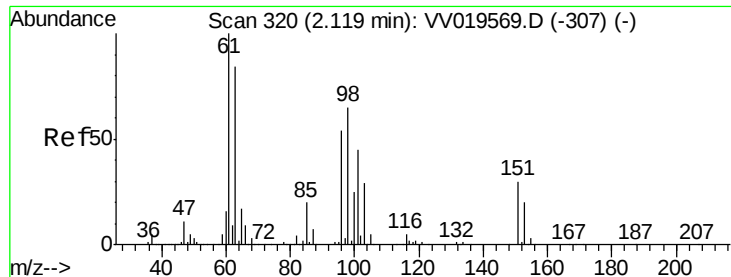
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.863 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019585.D

Acq: 13 Dec 2020 03:40

Instrument :

MSVOA_V

ClientSampled :

C0AT5

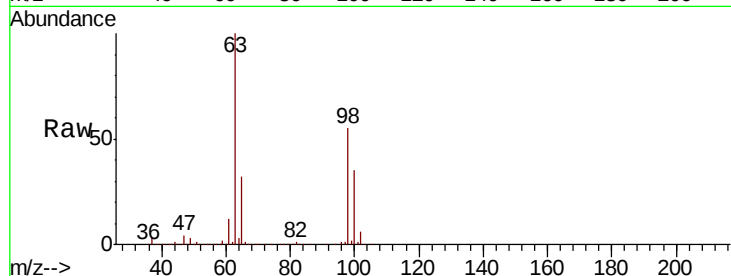
Tot Ion:101 Resp: 3076

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

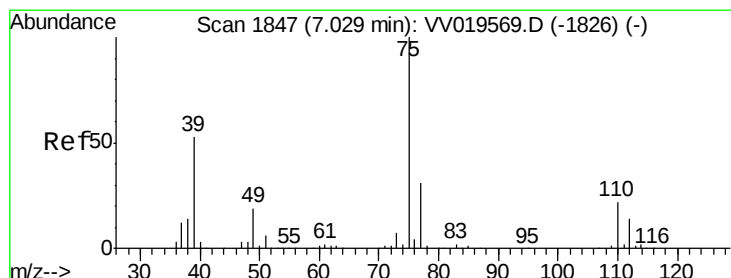
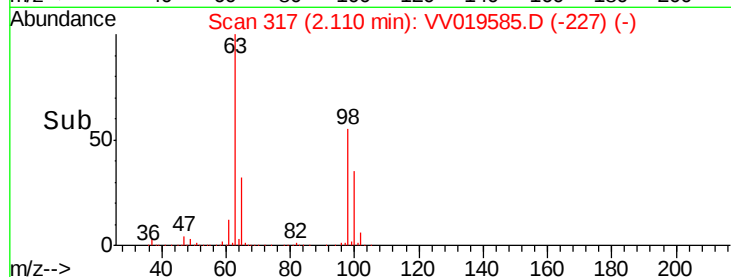
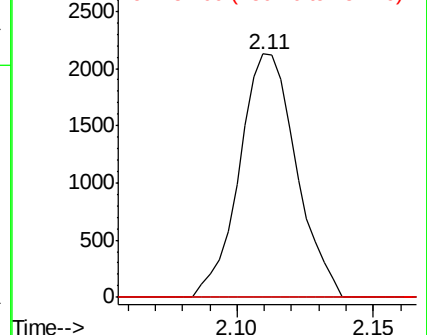
151 0.0 55.8 83.8#



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



#39

cis-1,3-Dichloropropene

Concen: 1.215 ug/L

RT: 6.99 min Scan# 1834

Delta R.T. -0.04 min

Lab File: VV019585.D

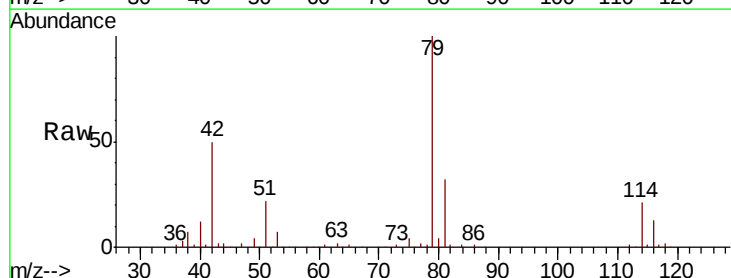
Acq: 13 Dec 2020 03:40

Tgt Ion: 75 Resp: 8882

Ion Ratio Lower Upper

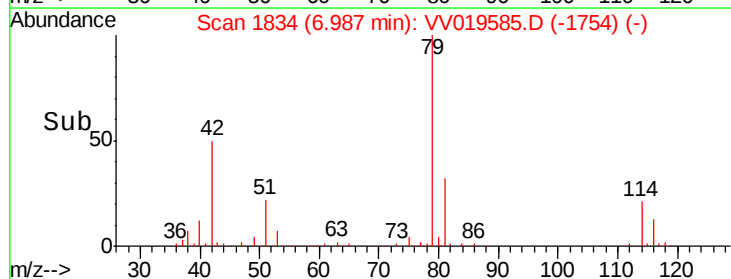
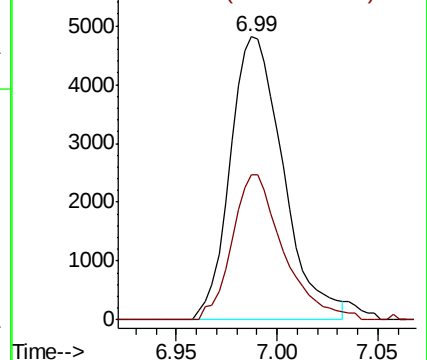
75 100

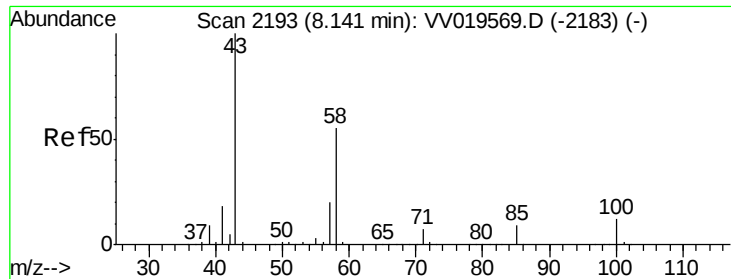
77 51.4 22.4 41.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

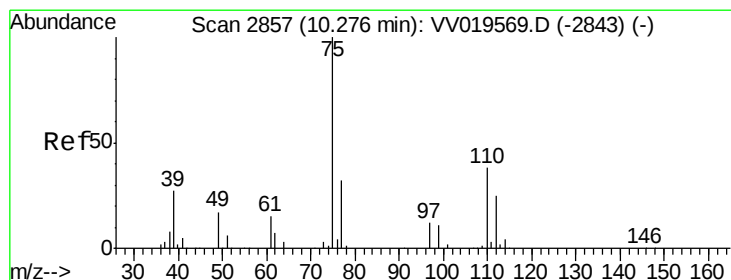
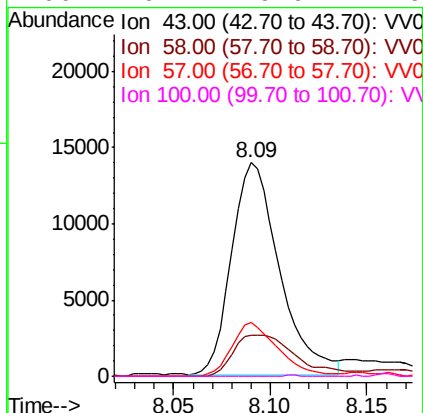
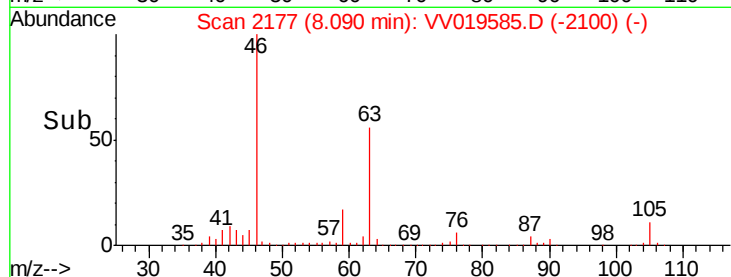
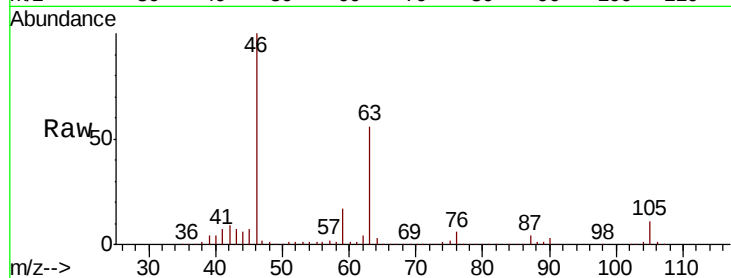




#48
2-Hexanone
Concen: 4.967 ug/L
RT: 8.09 min Scan# 2177
Delta R.T. -0.05 min
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Tot Ion: 43 Resp: 23931
Ion Ratio Lower Upper
43 100
58 23.7 44.4 66.6#
57 24.1 15.7 23.5#
100 0.2 9.9 14.9#



#59
1,2,3-Trichloropropane
Concen: 6.496 ug/L
RT: 11.25 min Scan# 3160
Delta R.T. 0.97 min
Lab File: VV019585.D
Acq: 13 Dec 2020 03:40

Tgt Ion: 75 Resp: 35565
Ion Ratio Lower Upper
75 100
77 40.0 25.8 38.8#

