

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121620\
 Data File : VV019683.D
 Acq On : 16 Dec 2020 18:35
 Operator : SY/MD
 Sample : L5062-15
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 17 00:32:20 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	603277	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	565816	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	253692	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	209197	48.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.72%
7) Chloroethane-d5	1.57	69	167954	49.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.46%
11) 1,1-Dichloroethene-d2	2.11	63	300143	37.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.76%
21) 2-Butanone-d5	3.89	46	297893	126.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	126.69%
24) Chloroform-d	4.35	84	373731	47.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.88%
26) 1,2-Dichloroethane-d4	5.04	65	261156	51.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.52%
32) Benzene-d6	5.05	84	757473	50.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.38%
36) 1,2-Dichloropropane-d6	6.07	67	243075	51.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.84%
41) Toluene-d8	7.32	98	662444	48.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.52%
43) trans-1,3-Dichloropropene-	7.62	79	110635	41.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.30%
47) 2-Hexanone-d5	8.09	63	200251	107.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.93%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	300206	46.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.90%
64) 1,2-Dichlorobenzene-d4	11.63	152	237992	50.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.38%

Target Compounds

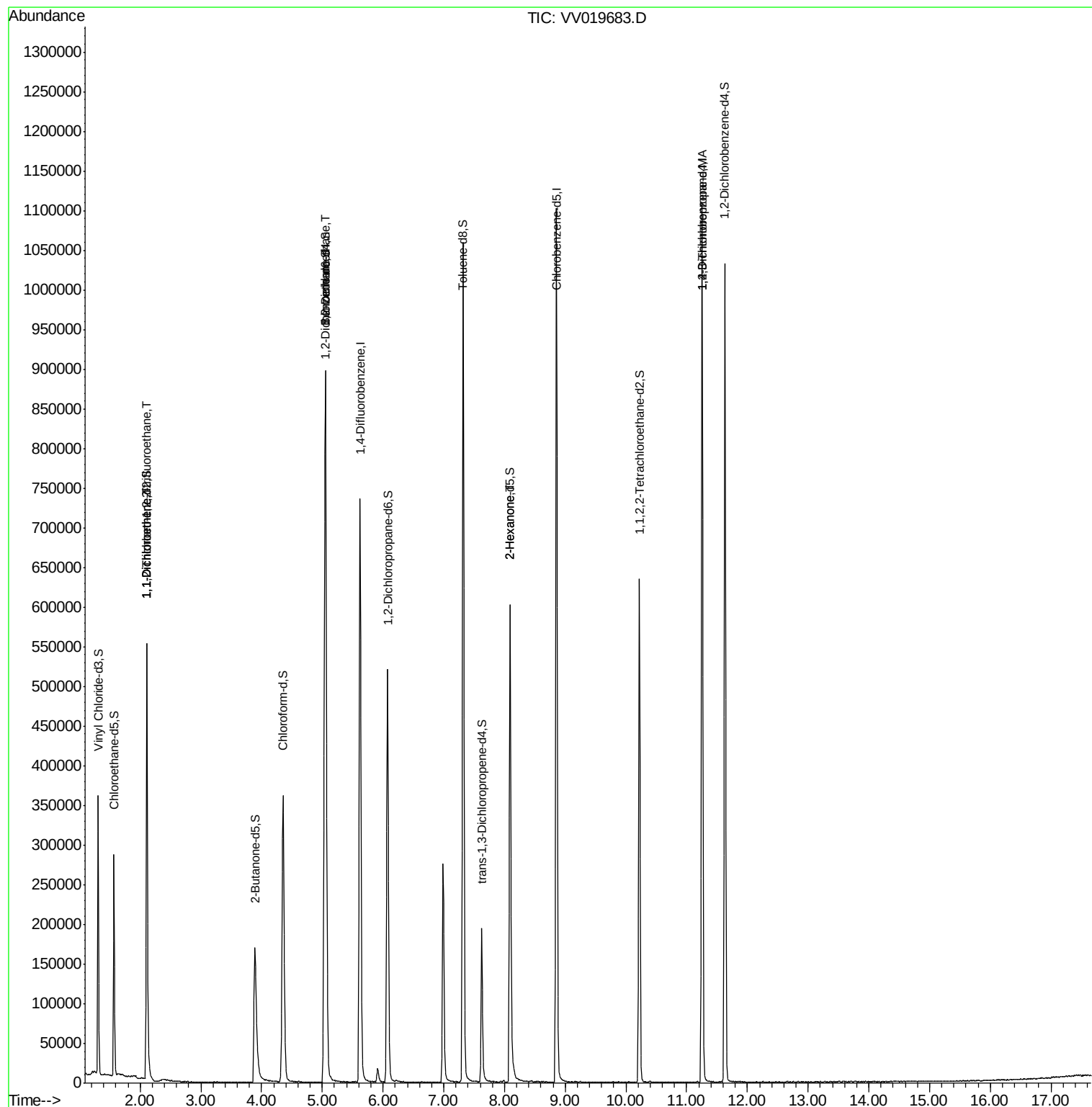
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2794	0.798 ug/L #	23
12) 1,1-Dichloroethene	2.12	96	4377	1.218 ug/L #	1
27) 1,2-Dichloroethane	5.05	62	4812	0.762 ug/L	95
48) 2-Hexanone	8.09	43	26383	5.581 ug/L #	74
59) 1,2,3-Trichloropropane	11.25	75	34719	6.464 ug/L	91

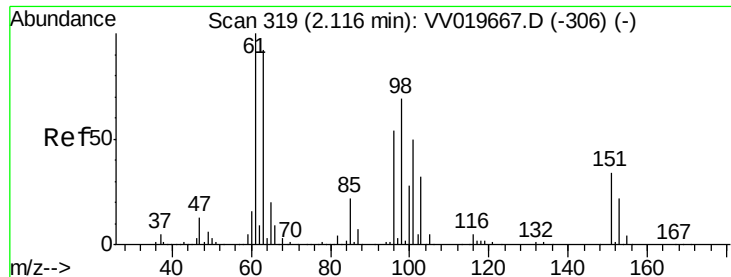
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 17 00:30:07 2020
Response via : Initial Calibration





#10

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

Concen: 0.798 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019683.D

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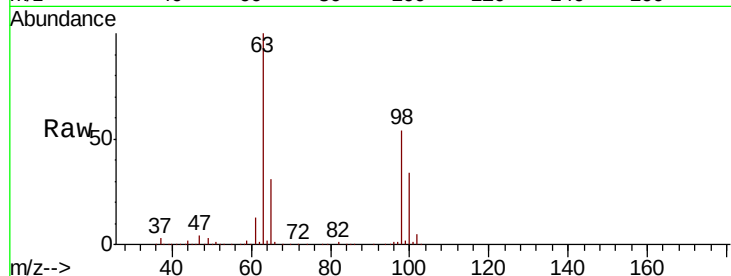
Tot Ion:101 Resp: 2794

Ion Ratio Lower Upper

101 100

85 2.9 35.0 52.4#

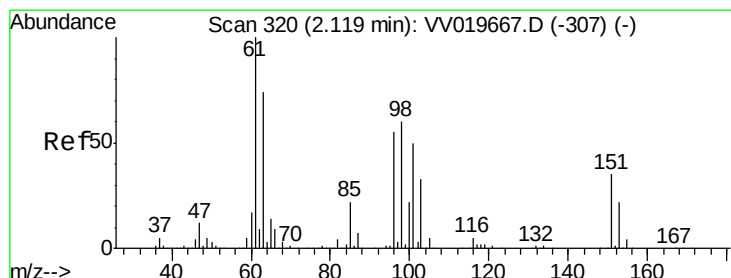
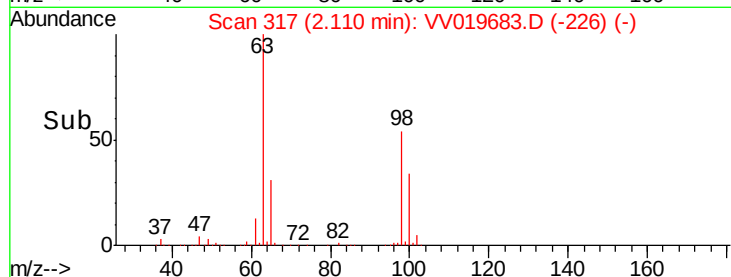
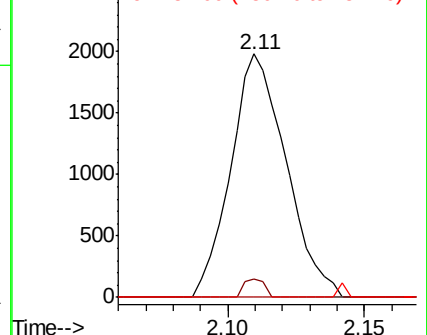
151 0.0 55.8 83.8#



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



#12

1,1-Dichloroethene

Concen: 1.218 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.00 min

Lab File: VV019683.D

Acq: 16 Dec 2020 18:35

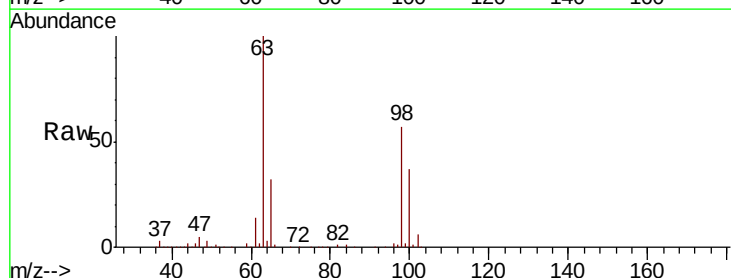
Tgt Ion: 96 Resp: 4377

Ion Ratio Lower Upper

96 100

61 810.2 120.7 224.1#

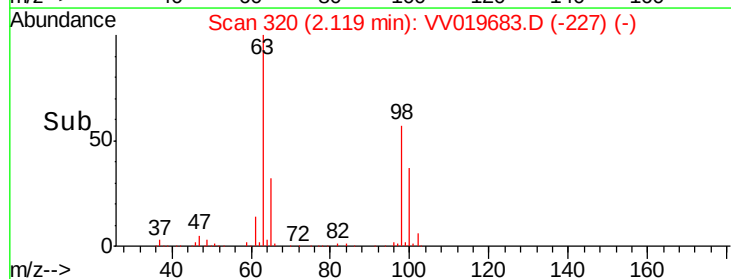
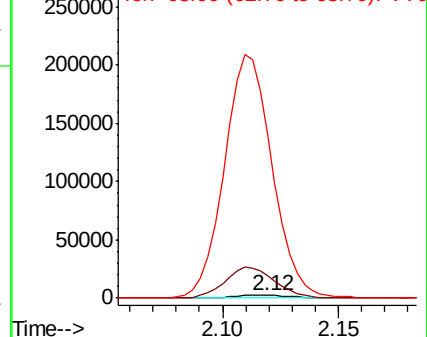
63 5931.0 64.3 119.5#

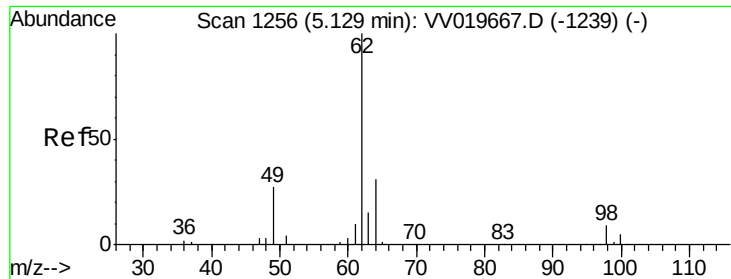


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

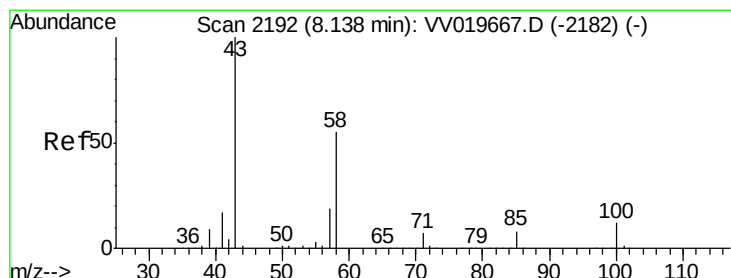
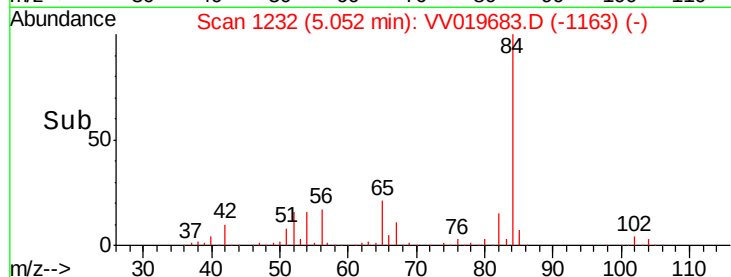
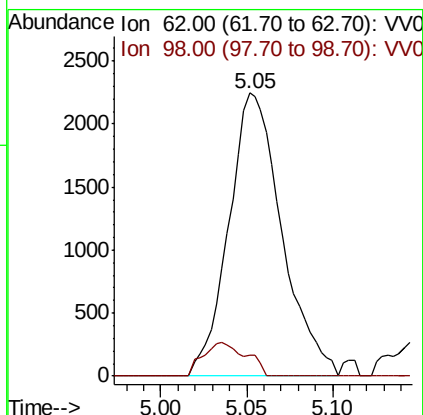
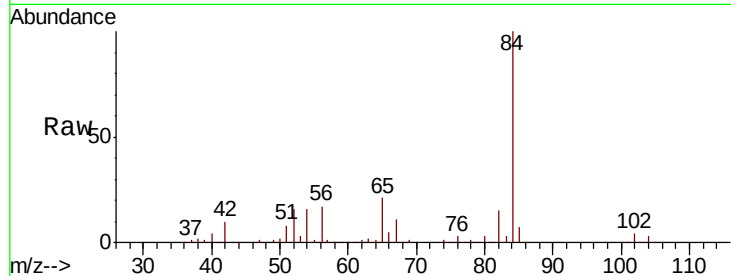




#27
 1,2-Dichloroethane
 Concen: 0.762 ug/L
 RT: 5.05 min Scan# 1232
 Delta R.T. -0.08 min
 Lab File: VV019683.D
 Acq: 16 Dec 2020 18:35

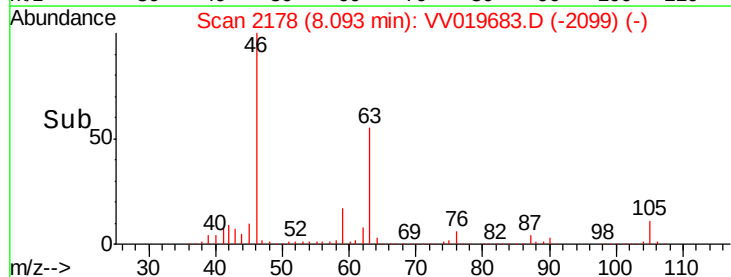
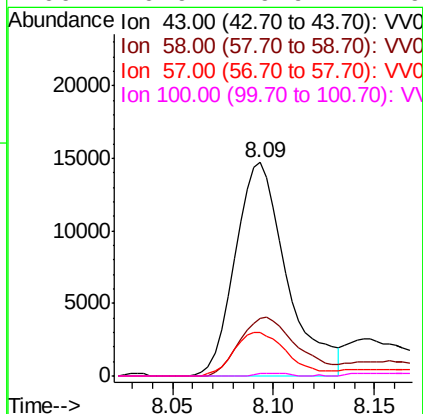
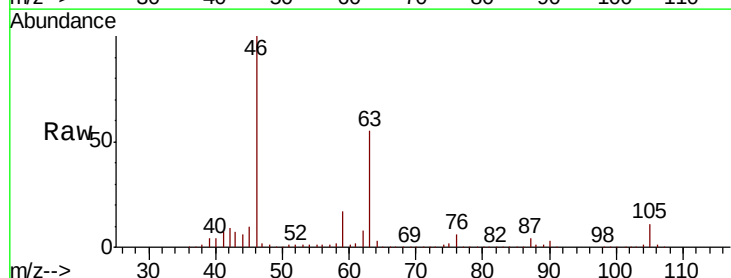
Instrument :
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 ClientSampleId :

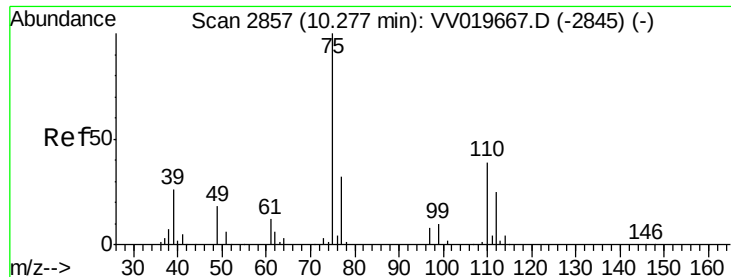
Tot Ion: 62 Resp: 4812
 Ion Ratio Lower Upper
 62 100
 98 7.4 7.4 11.0



#48
 2-Hexanone
 Concen: 5.581 ug/L
 RT: 8.09 min Scan# 2178
 Delta R.T. -0.05 min
 Lab File: VV019683.D
 Acq: 16 Dec 2020 18:35

Tgt Ion: 43 Resp: 26383
 Ion Ratio Lower Upper
 43 100
 58 31.1 44.4 66.6#
 57 21.2 15.7 23.5
 100 0.9 9.9 14.9#





#59
 1,2,3-Trichloropropane
 Concen: 6.464 ug/L
 RT: 11.25 min Scan# 3161
 Delta R.T. 0.98 min
 Lab File: VV019683.D
 Acq: 16 Dec 2020 18:35

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 75 Resp: 34719
 Ion Ratio Lower Upper
 75 100
 77 37.4 25.8 38.8

