

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121520\
 Data File : VV019662.D
 Acq On : 15 Dec 2020 20:23
 Operator : SY/MD
 Sample : L5062-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 16 00:32:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 16 00:27:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	583100	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	537543	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	246411	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	221074	52.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.74%
7) Chloroethane-d5	1.57	69	175146	53.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.22%
11) 1,1-Dichloroethene-d2	2.11	63	310949	40.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.14%
21) 2-Butanone-d5	3.89	46	303107	133.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	133.37%#
24) Chloroform-d	4.35	84	378289	50.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.04	65	262573	53.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.64%
32) Benzene-d6	5.05	84	774045	53.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.98%
36) 1,2-Dichloropropane-d6	6.07	67	244860	54.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.04%
41) Toluene-d8	7.32	98	684833	53.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.10%
43) trans-1,3-Dichloropropene-	7.62	79	116352	45.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.10%
47) 2-Hexanone-d5	8.09	63	209520	118.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.87%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	304724	50.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.32%
64) 1,2-Dichlorobenzene-d4	11.63	152	247060	53.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.28%

Target Compounds

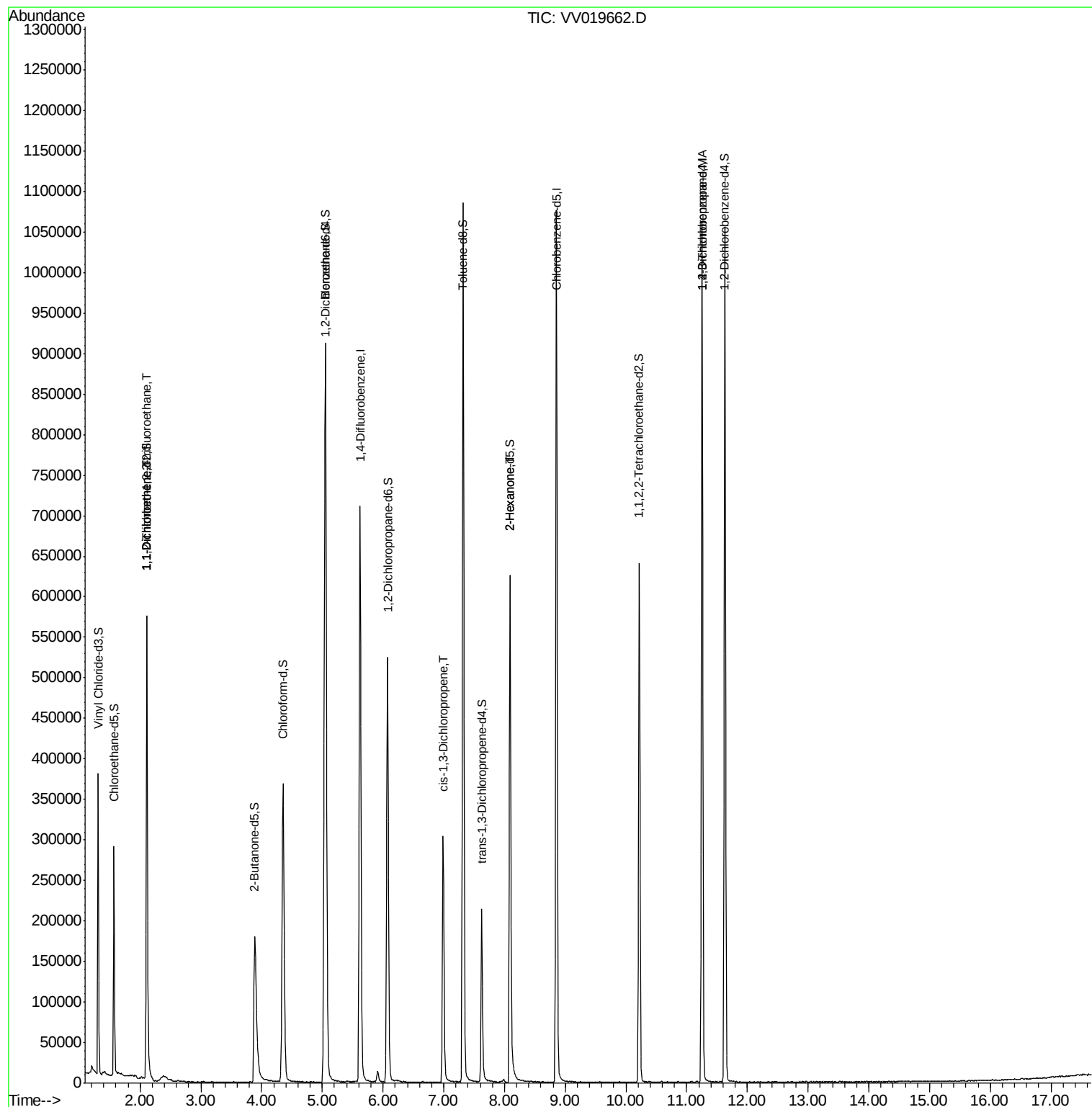
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2774	0.819 ug/L #	22
12) 1,1-Dichloroethene	2.11	96	2896	0.834 ug/L #	1
39) cis-1,3-Dichloropropene	6.99	75	7975	1.170 ug/L #	57
48) 2-Hexanone	8.09	43	26890	5.987 ug/L #	69
59) 1,2,3-Trichloropropane	11.25	75	33731	6.610 ug/L	91

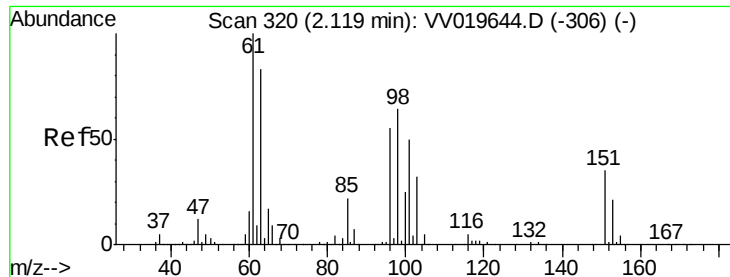
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 16 00:27:25 2020
Response via : Initial Calibration





#10

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

Concen: 0.819 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV019662.D

Acq: 15 Dec 2020 20:23

Instrument :

MSVOA_V

ClientSampleId :

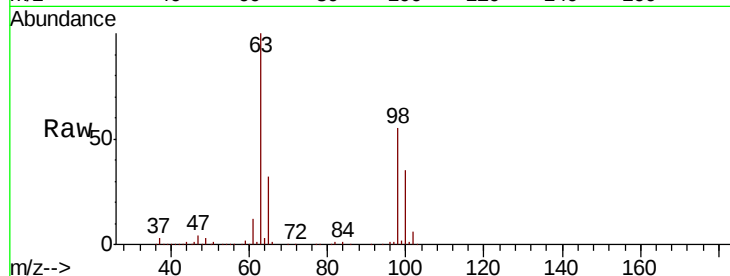
Tot Ion:101 Resp: 2774

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

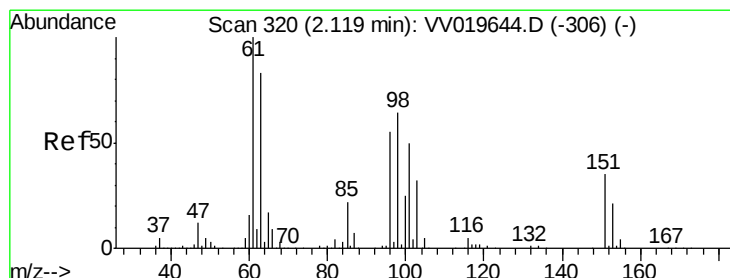
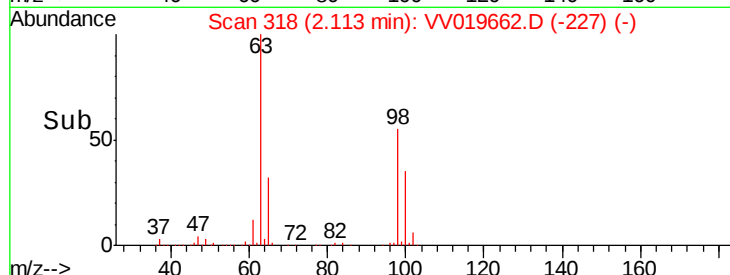
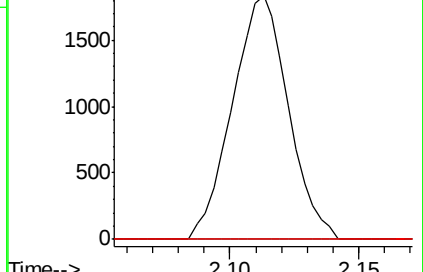
151 0.0 55.8 83.8#



Abundance Ion 101.00 (100.70 to 101.70): VV019644.D (-306) (-)

Ion 85.00 (84.70 to 85.70): VV019644.D (-306) (-)

Ion 151.00 (150.70 to 151.70): VV019644.D (-306) (-)



#12

1,1-Dichloroethene

Concen: 0.834 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV019662.D

Acq: 15 Dec 2020 20:23

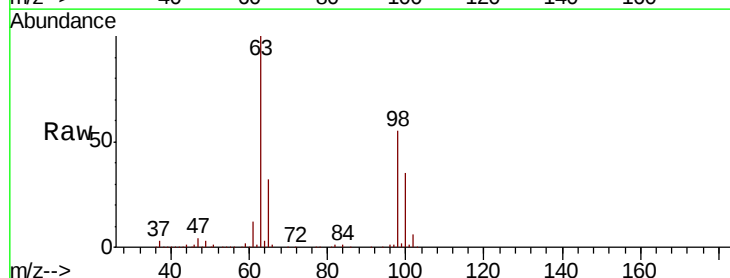
Tgt Ion: 96 Resp: 2896

Ion Ratio Lower Upper

96 100

61 1352.8 120.7 224.1#

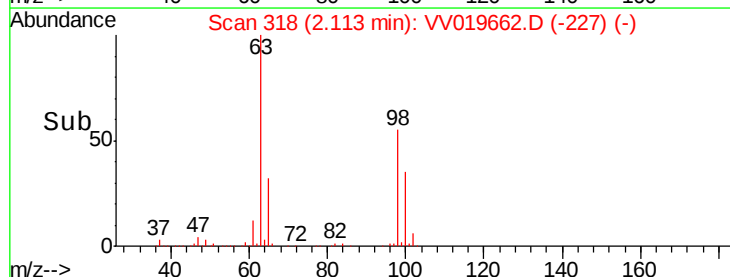
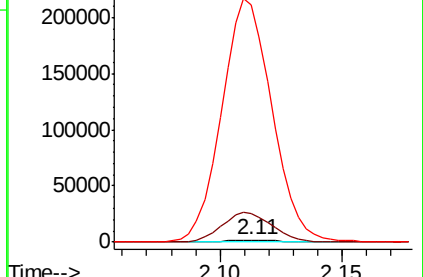
63 11122.5 64.3 119.5#

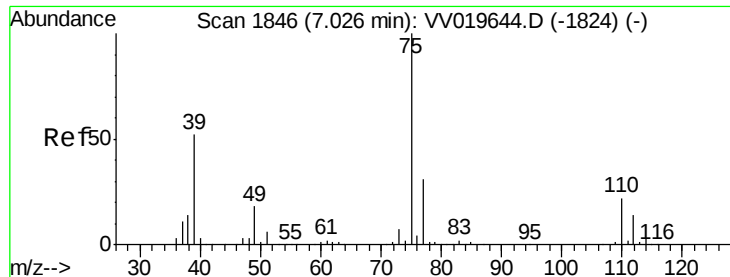


Abundance Ion 96.00 (95.70 to 96.70): VV019662.D (-227) (-)

Ion 61.00 (60.70 to 61.70): VV019662.D (-227) (-)

Ion 63.00 (62.70 to 63.70): VV019662.D (-227) (-)

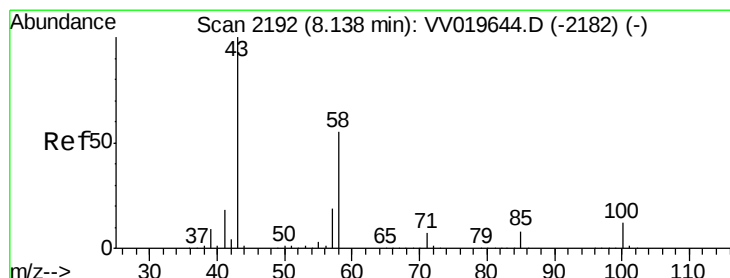
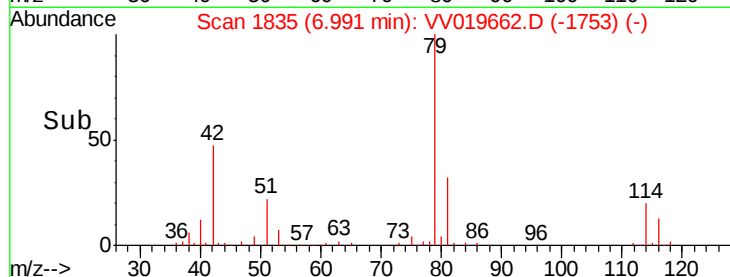
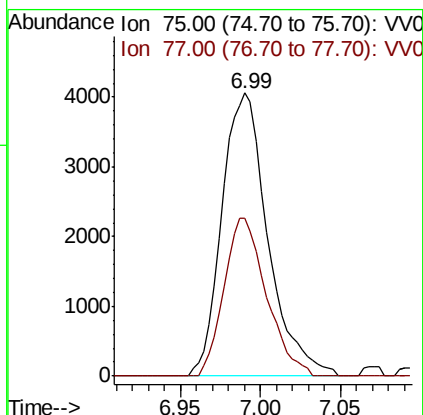
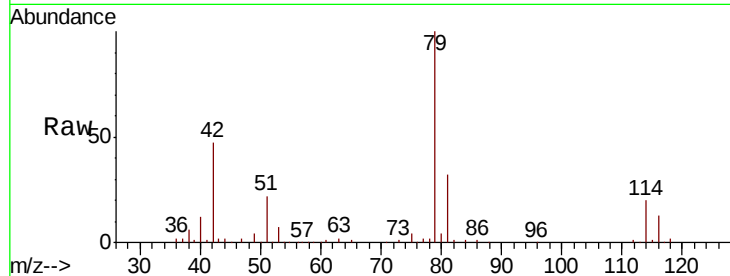




#39
 cis-1,3-Dichloropropene
 Concen: 1.170 ug/L
 RT: 6.99 min Scan# 1835
 Delta R.T. -0.04 min
 Lab File: VV019662.D
 Acq: 15 Dec 2020 20:23

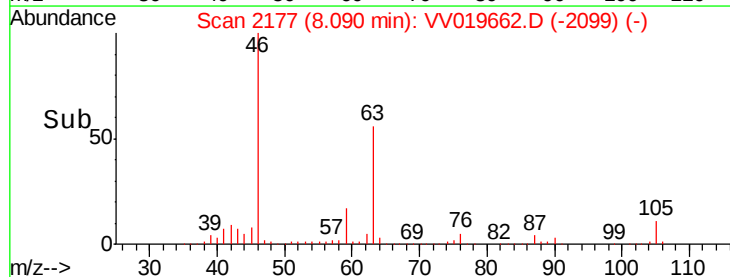
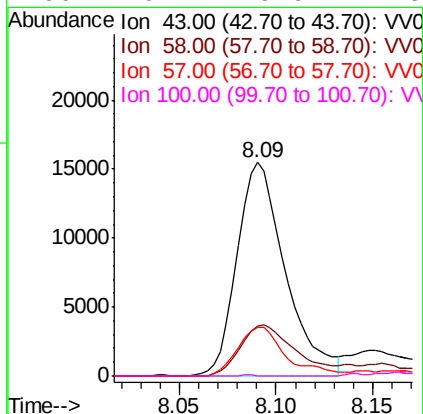
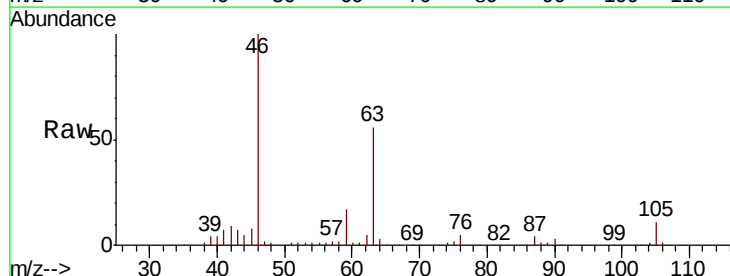
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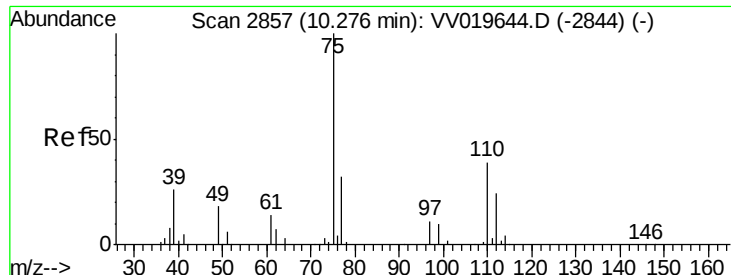
Tot Ion: 75 Resp: 7975
 Ion Ratio Lower Upper
 75 100
 77 55.8 22.4 41.6#



#48
 2-Hexanone
 Concen: 5.987 ug/L
 RT: 8.09 min Scan# 2177
 Delta R.T. -0.05 min
 Lab File: VV019662.D
 Acq: 15 Dec 2020 20:23

Tgt Ion: 43 Resp: 26890
 Ion Ratio Lower Upper
 43 100
 58 26.7 44.4 66.6#
 57 22.8 15.7 23.5
 100 0.2 9.9 14.9#





#59

1,2,3-Trichloropropane

Concen: 6.610 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.98 min

Lab File: VV019662.D

Acq: 15 Dec 2020 20:23

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 33731

Ion Ratio Lower Upper

75 100

77 37.5 25.8 38.8

