

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091620\
 Data File : VV018246.D
 Acq On : 16 Sep 2020 19:56
 Operator : SY/MD
 Sample : VV0916WBL02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 17 05:35:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 17 05:33:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	291537	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	288855	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	140631	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	97368	40.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.96%
7) Chloroethane-d5	1.58	69	80508	41.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.82%
11) 1,1-Dichloroethene-d2	2.12	63	140303	32.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.38%
21) 2-Butanone-d5	3.92	46	124428	85.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.56%
24) Chloroform-d	4.38	84	173970	42.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.40%
26) 1,2-Dichloroethane-d4	5.06	65	115918	43.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.74%
32) Benzene-d6	5.08	84	351660	42.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.06%
36) 1,2-Dichloropropane-d6	6.10	67	113897	43.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.70%
41) Toluene-d8	7.34	98	315031	41.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.60%
43) trans-1,3-Dichloropropene-	7.64	79	53864	40.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.68%
47) 2-Hexanone-d5	8.11	63	90955	91.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.39%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	147164	44.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.26%
64) 1,2-Dichlorobenzene-d4	11.65	152	135115	46.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.56%

Target Compounds

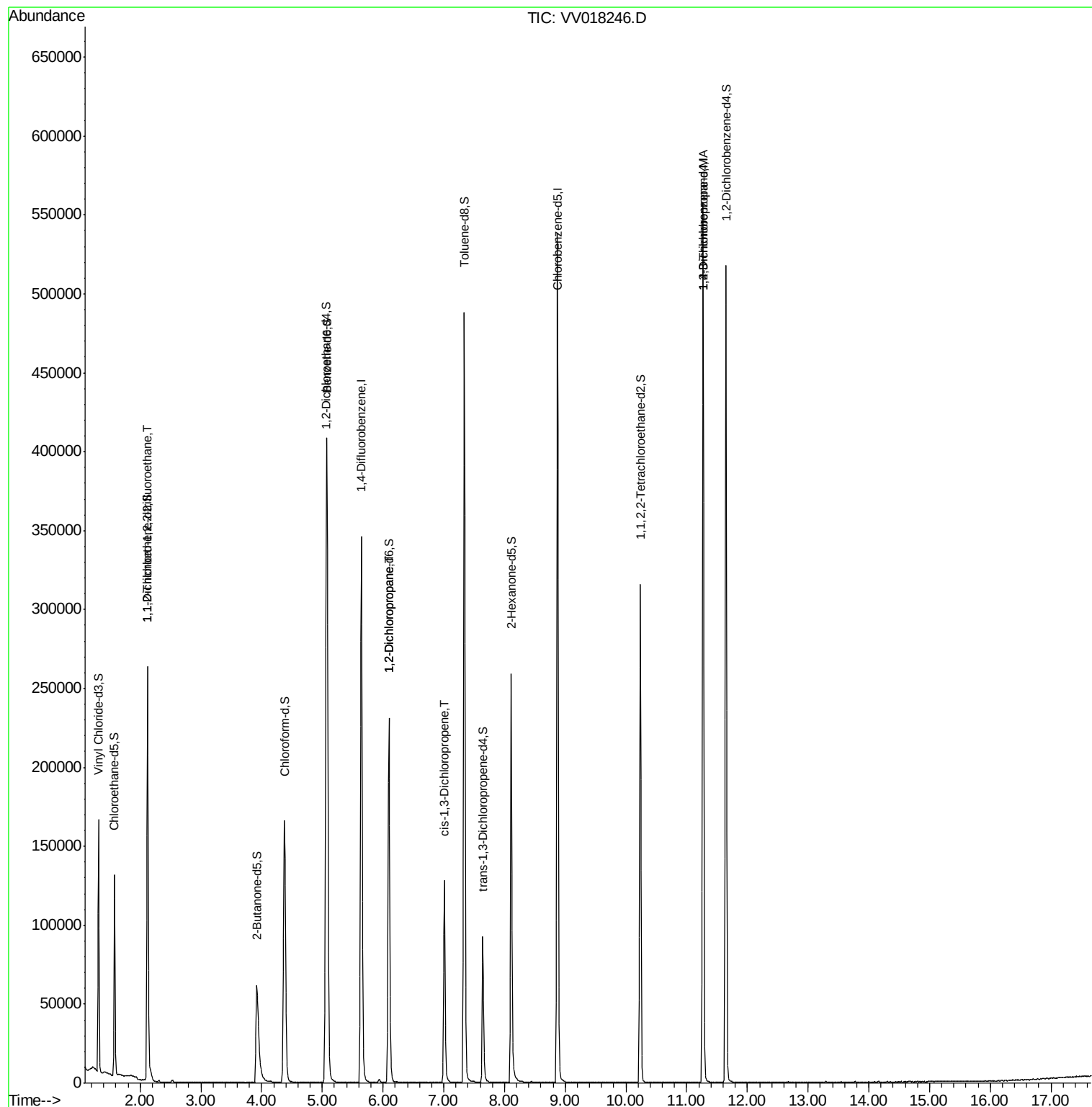
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1392	0.708 ug/L #	19
37) 1,2-Dichloropropane	6.10	63	12242	5.594 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3234	0.959 ug/L #	61
59) 1,2,3-Trichloropropane	11.27	75	16053	6.237 ug/L	91

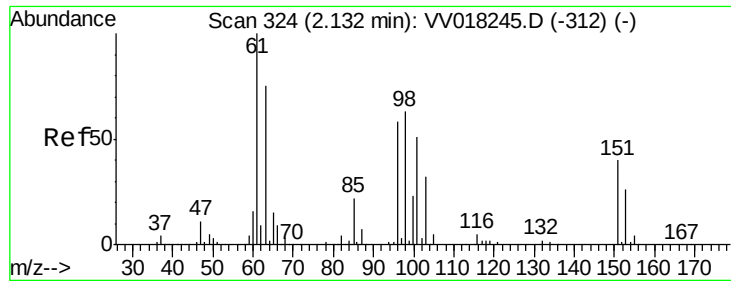
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.708 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018246.D

Acq: 16 Sep 2020 19:56

Instrument :

MSVOA_V

ClientSampled :

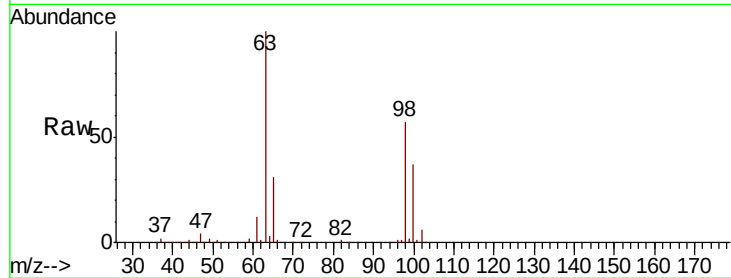
Tot Ion:101 Resp: 1392

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

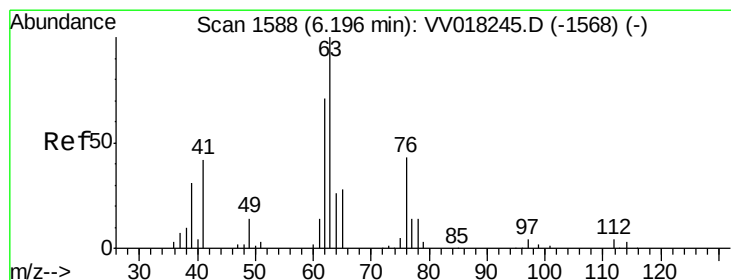
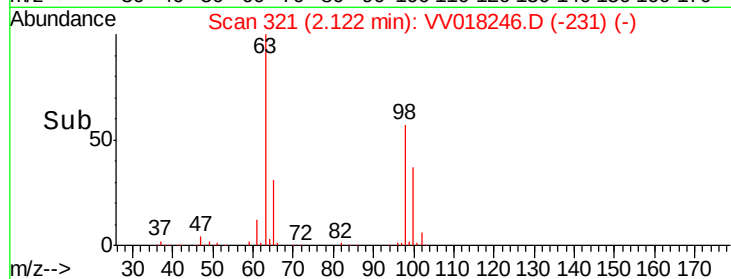
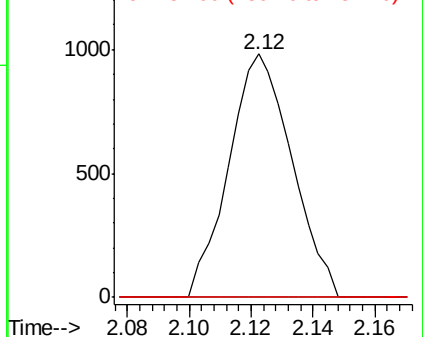
151 0.0 62.2 93.2#



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



#37

1,2-Dichloropropane

Concen: 5.594 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV018246.D

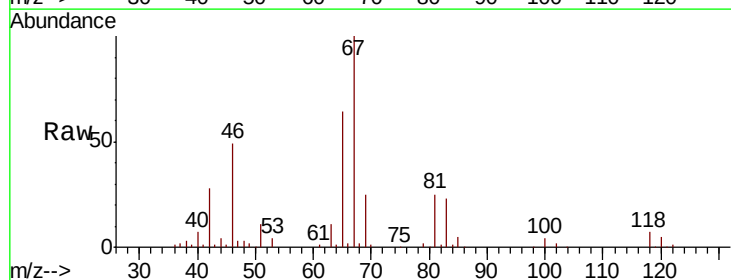
Acq: 16 Sep 2020 19:56

Tgt Ion: 63 Resp: 12242

Ion Ratio Lower Upper

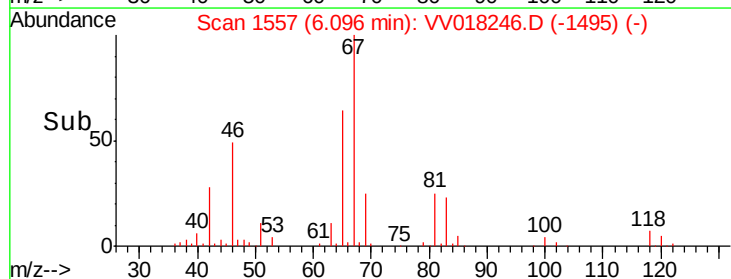
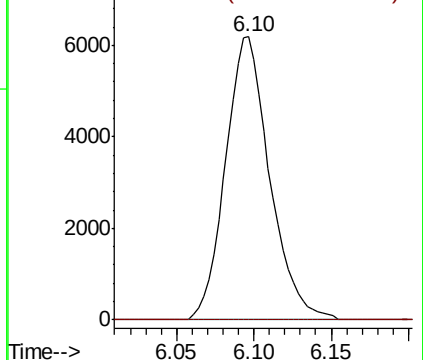
63 100

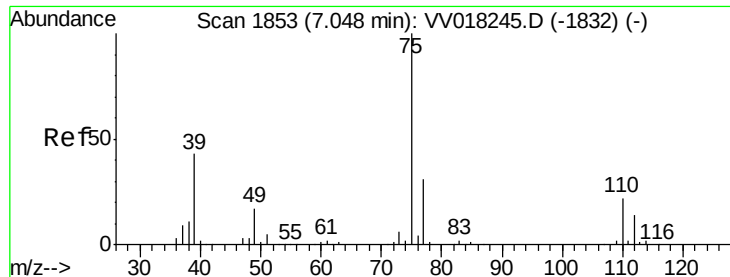
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V

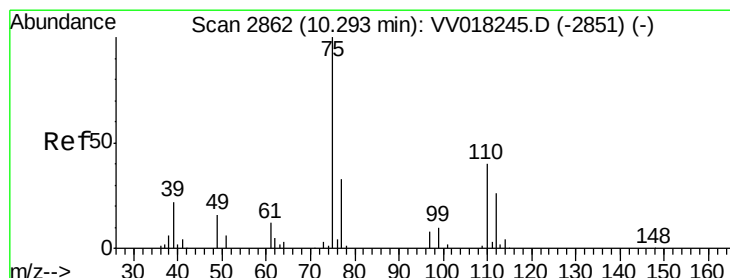
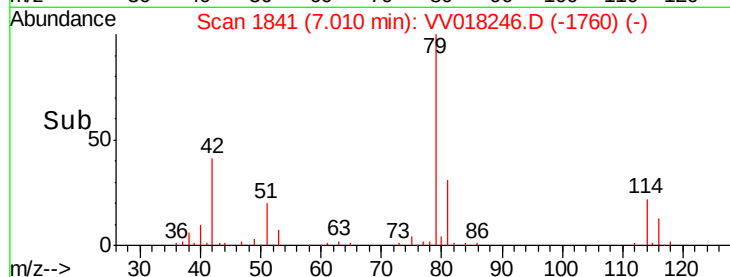
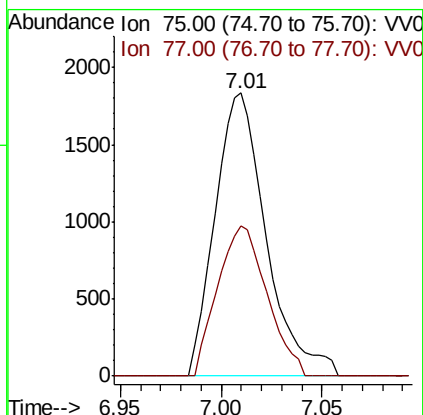
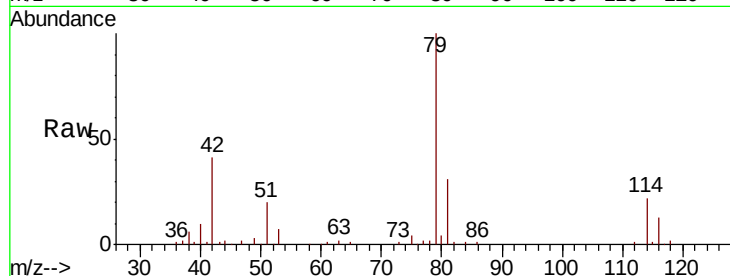




#39
 cis-1,3-Dichloropropene
 Concen: 0.959 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018246.D
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Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 75 Resp: 3234
 Ion Ratio Lower Upper
 75 100
 77 53.2 22.3 41.3#



#59
 1,2,3-Trichloropropane
 Concen: 6.237 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV018246.D
 Acq: 16 Sep 2020 19:56

Tgt Ion: 75 Resp: 16053
 Ion Ratio Lower Upper
 75 100
 77 37.4 25.8 38.6

