

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
 Data File : VV017923.D
 Acq On : 12 Aug 2020 13:16
 Operator : SY/MD
 Sample : VIBLK50
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK50

Quant Time: Aug 13 04:37:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 13 04:34:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	237102	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	230639	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	101596	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	85609	47.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.64%
7) Chloroethane-d5	1.58	69	75221	50.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.64%
11) 1,1-Dichloroethene-d2	2.12	63	126133	36.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.90%
21) 2-Butanone-d5	3.91	46	131569	111.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.04%
24) Chloroform-d	4.38	84	169057	51.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.68%
26) 1,2-Dichloroethane-d4	5.06	65	120026	56.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.22%
32) Benzene-d6	5.08	84	332040	52.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.48%
36) 1,2-Dichloropropane-d6	6.09	67	112903	54.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.66%
41) Toluene-d8	7.34	98	289151	50.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.16%
43) trans-1,3-Dichloropropene-	7.64	79	47946	50.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.74%
47) 2-Hexanone-d5	8.11	63	63689	95.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.51%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	136781	50.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.10%
64) 1,2-Dichlorobenzene-d4	11.65	152	112130	56.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.16%

Target Compounds

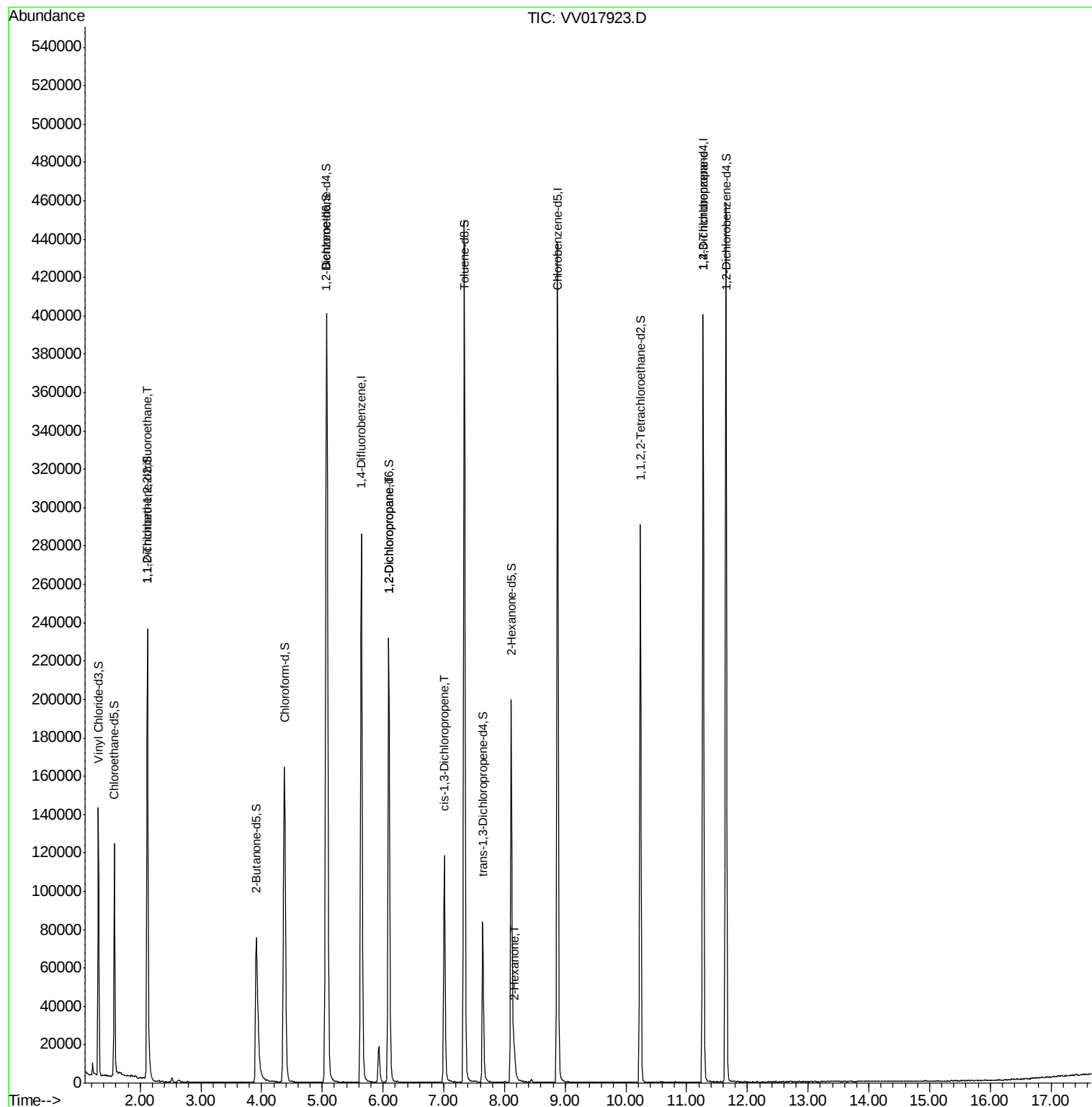
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1099	0.654 ug/L #	20
37) 1,2-Dichloropropane	6.09	63	12260	6.300 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2753	0.998 ug/L #	65
48) 2-Hexanone	8.17	43	9148	4.460 ug/L #	79
59) 1,2,3-Trichloropropane	11.27	75	11767	4.896 ug/L	91

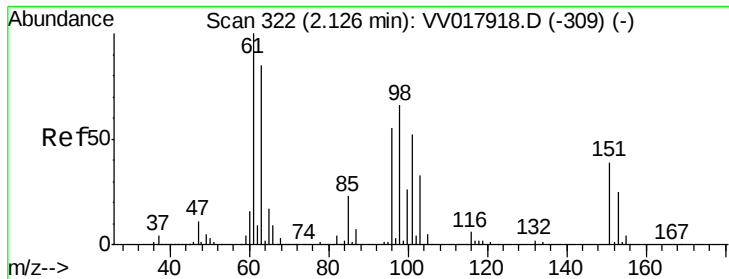
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 13 04:34:59 2020
Response via : Initial Calibration





#10

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

Concen: 0.654 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017923.D

Acq: 12 Aug 2020 13:16

Instrument :

MSVOA_V

ClientSampleId :

VIBLK50

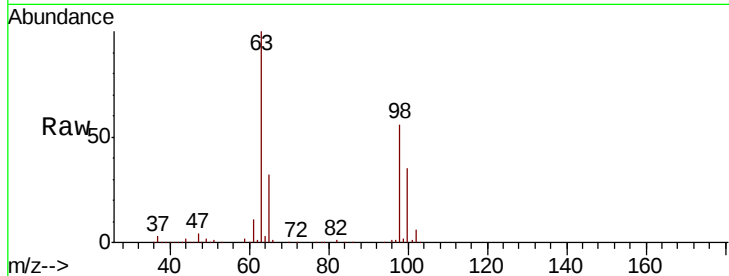
Tot Ion:101 Resp: 1099

Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

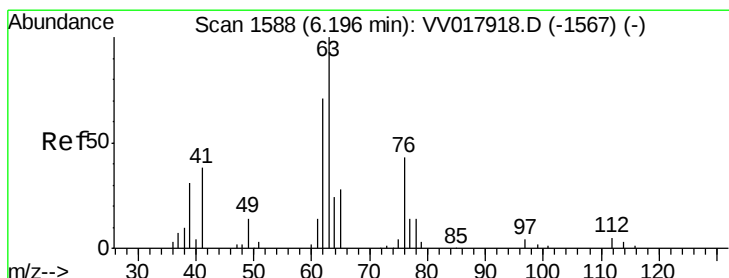
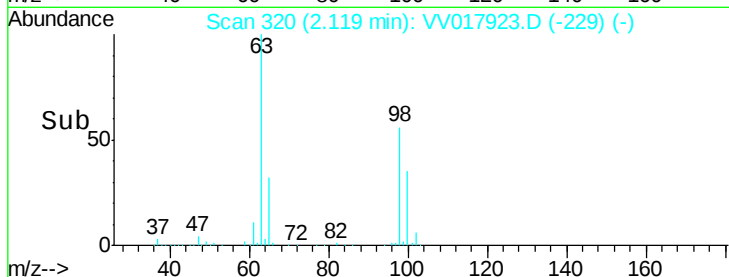
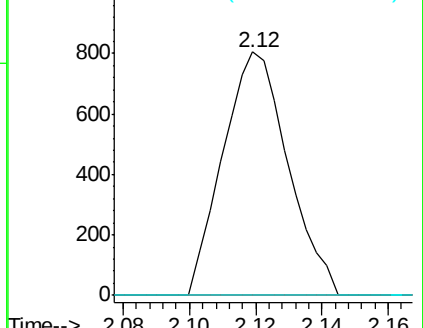
151 0.0 59.1 88.7#



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: 6.300 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV017923.D

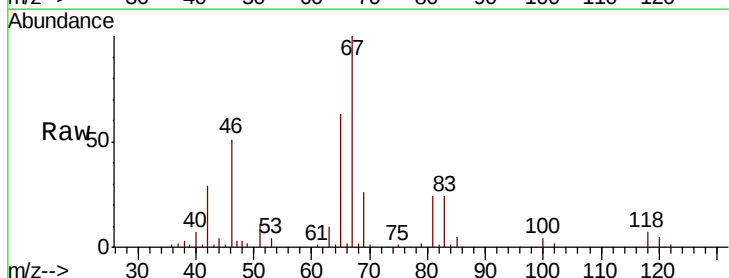
Acq: 12 Aug 2020 13:16

Tgt Ion: 63 Resp: 12260

Ion Ratio Lower Upper

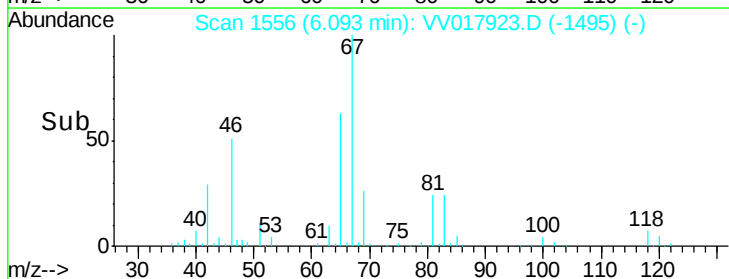
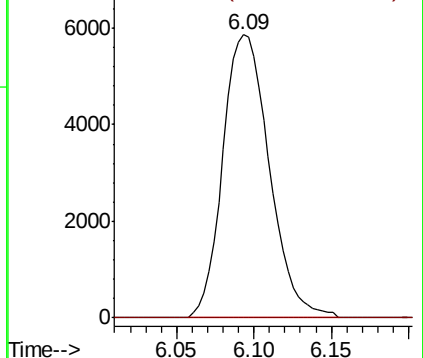
63 100

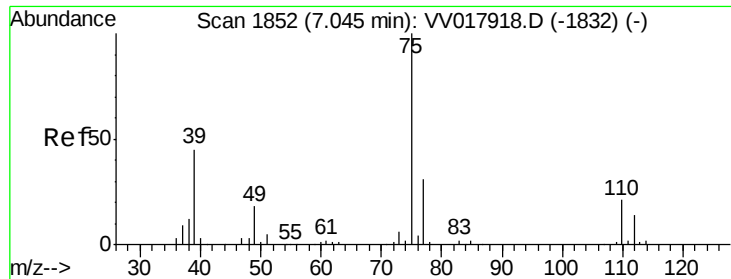
112 0.0 3.5 5.3#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V

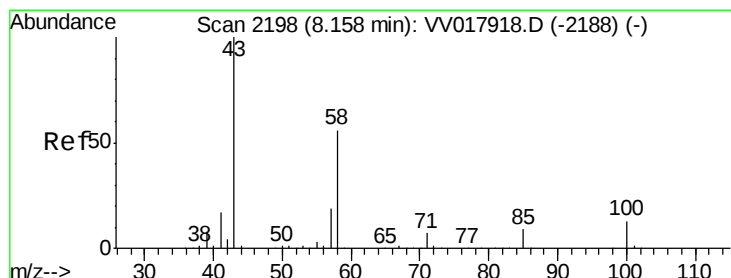
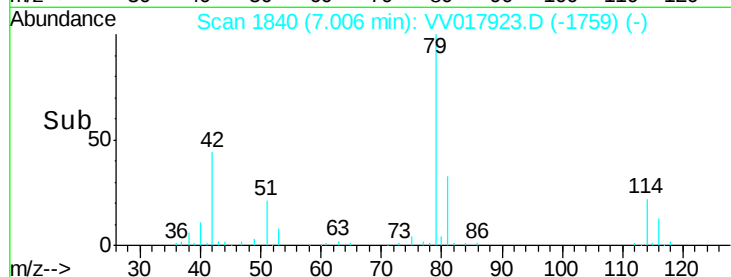
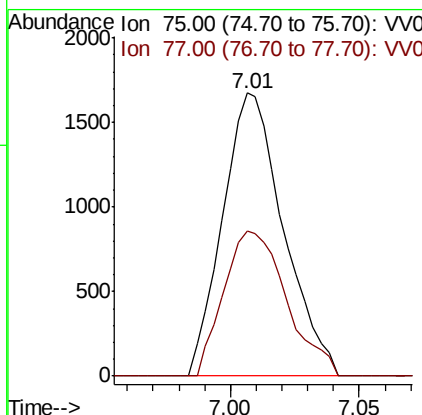
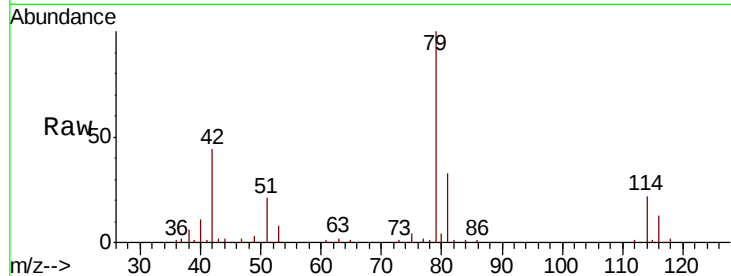




#39
 cis-1,3-Dichloropropene
 Concen: 0.998 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV017923.D
 Acq: 12 Aug 2020 13:16

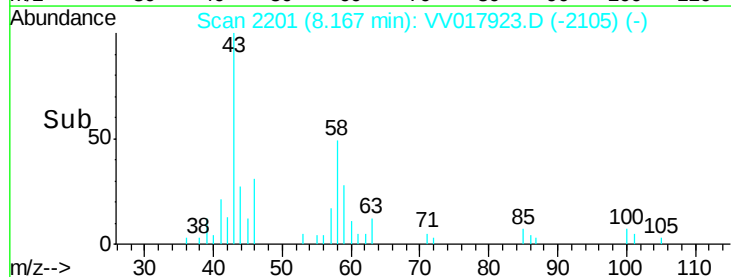
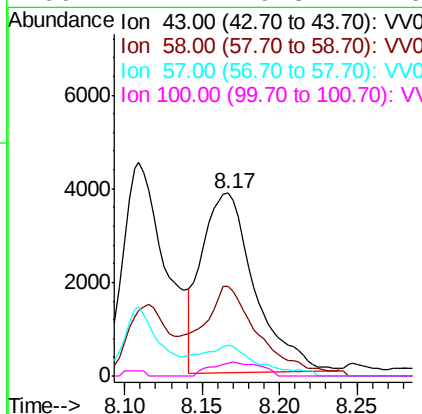
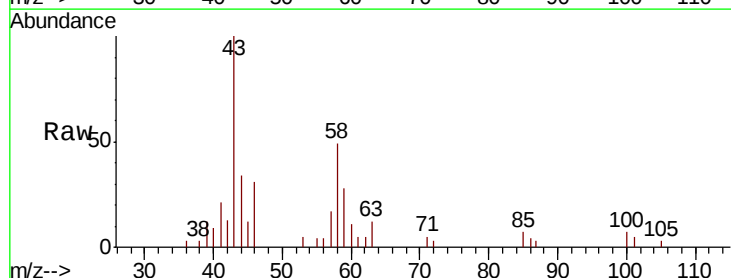
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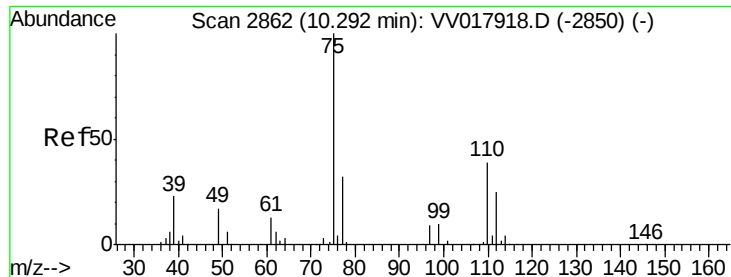
Tot Ion: 75 Resp: 2753
 Ion Ratio Lower Upper
 75 100
 77 51.4 22.3 41.5#



#48
 2-Hexanone
 Concen: 4.460 ug/L
 RT: 8.17 min Scan# 2201
 Delta R.T. 0.01 min
 Lab File: VV017923.D
 Acq: 12 Aug 2020 13:16

Tgt Ion: 43 Resp: 9148
 Ion Ratio Lower Upper
 43 100
 58 39.5 44.4 66.6#
 57 8.4 15.2 22.8#
 100 7.1 9.8 14.6#





#59

1,2,3-Trichloropropane

Concen: 4.896 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV017923.D

Acq: 12 Aug 2020 13:16

Instrument :

MSVOA_V

ClientSampleId :

VIBLK50

Tot Ion: 75 Resp: 11767

Ion Ratio Lower Upper

75 100

77 36.9 25.7 38.5

