

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072320\
 Data File : VV017623.D
 Acq On : 23 Jul 2020 23:51
 Operator : SY/MD
 Sample : L3398-05
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4C53

Quant Time: Jul 24 02:35:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 24 02:33:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	164639	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	163515	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	77108	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36662	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.58	69	30947	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.80%
11) 1,1-Dichloroethene-d2	2.12	63	61652	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	3.94	46	89957	47.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.66%
24) Chloroform-d	4.38	84	94766	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.06	65	50751	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.07	84	169197	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.10	67	48323	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.34	98	153347	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
45) trans-1,3-Dichloropropene-	7.64	79	17884	3.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.80%
48) 2-Hexanone-d5	8.11	63	58705	41.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.44%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	32634	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	62637	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

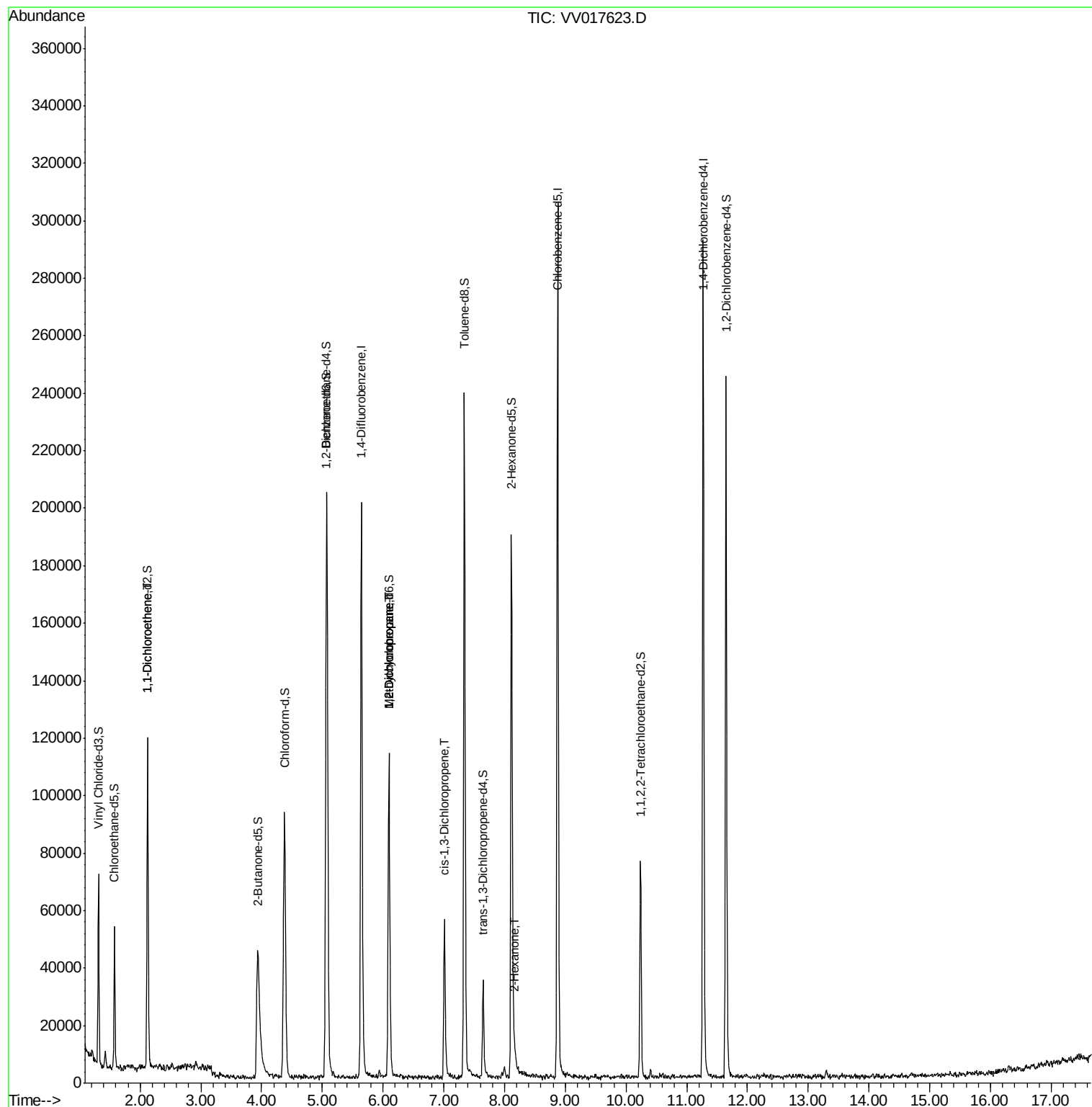
					Ovalue
12) 1,1-Dichloroethene	2.12	96	710	0.080 ug/L #	1
35) Methylcyclohexane	6.09	83	12758	0.652 ug/L #	19
37) 1,2-Dichloropropane	6.10	63	6341	0.583 ug/L #	84
39) cis-1,3-Dichloropropene	7.01	75	1516	0.092 ug/L #	58
50) 2-Hexanone	8.17	43	4250	1.007 ug/L #	55

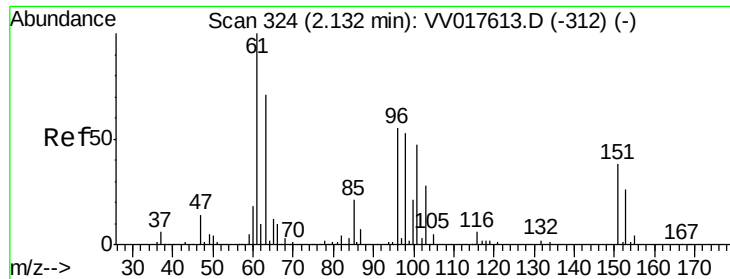
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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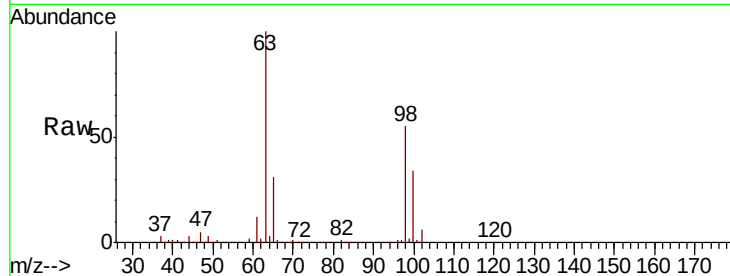




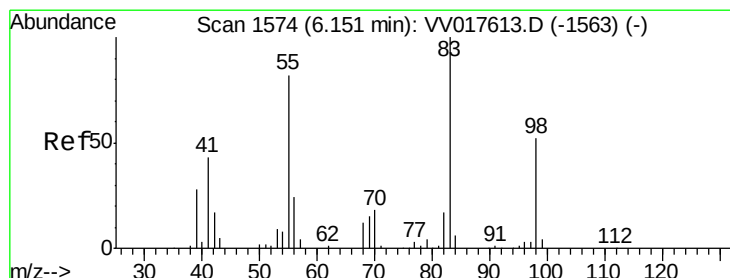
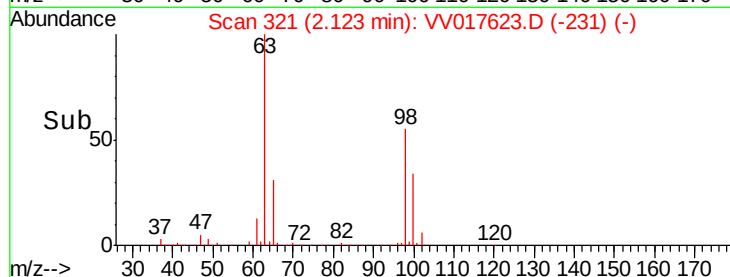
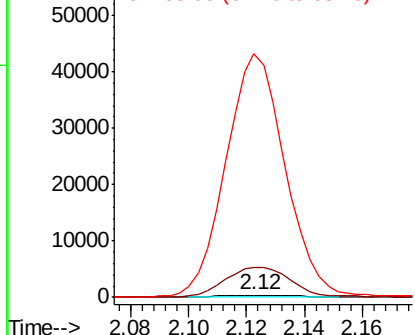
#12
 1,1-Dichloroethene
 Concen: 0.080 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VV017623.D
 Acq: 23 Jul 2020 23:51

Instrument :
 MSVOA_V
 ClientSampleId :
 F4C53

Tot Ion: 96 Resp: 710
 Ion Ratio Lower Upper
 96 100
 61 1322.6 123.1 228.7#
 63 10614.3 91.2 169.4#

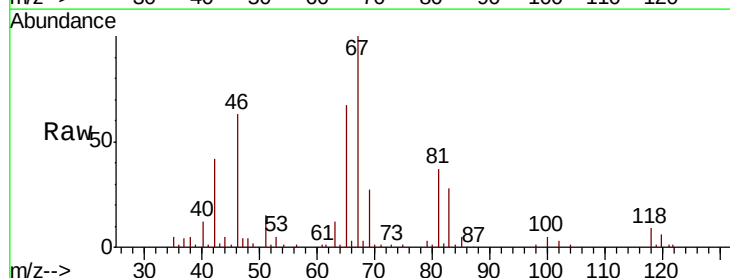


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 63.00 (62.70 to 63.70): VV0

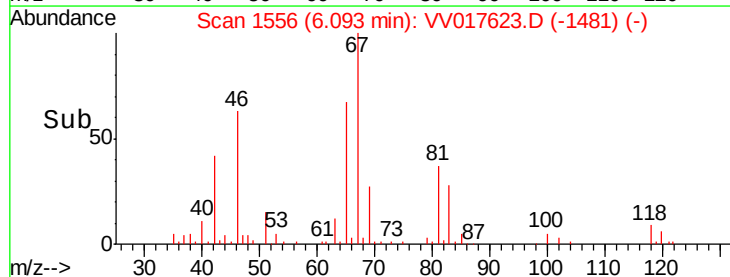
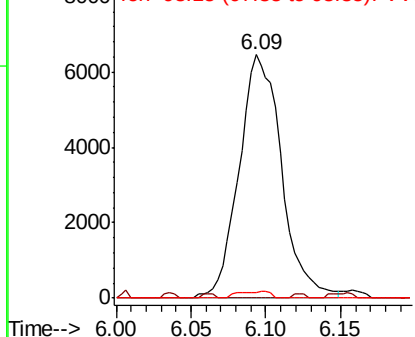


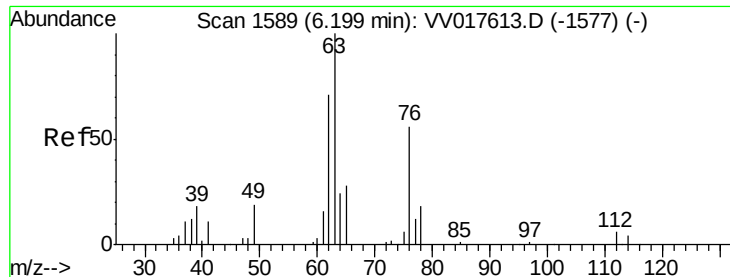
#35
 Methylcyclohexane
 Concen: 0.652 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.06 min
 Lab File: VV017623.D
 Acq: 23 Jul 2020 23:51

Tgt Ion: 83 Resp: 12758
 Ion Ratio Lower Upper
 83 100
 55 0.5 61.8 92.8#
 98 2.1 39.0 58.6#



Abundance Ion 83.15 (82.85 to 83.85): VV0
 Ion 55.10 (54.80 to 55.80): VV0
 Ion 98.15 (97.85 to 98.85): VV0

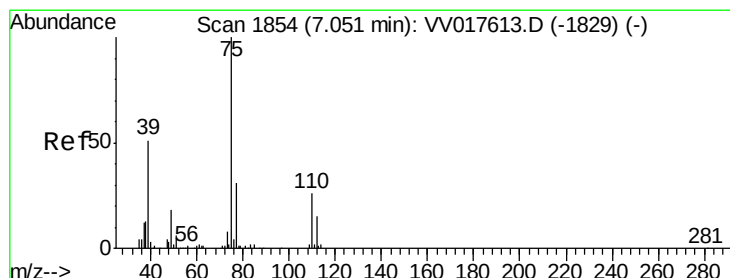
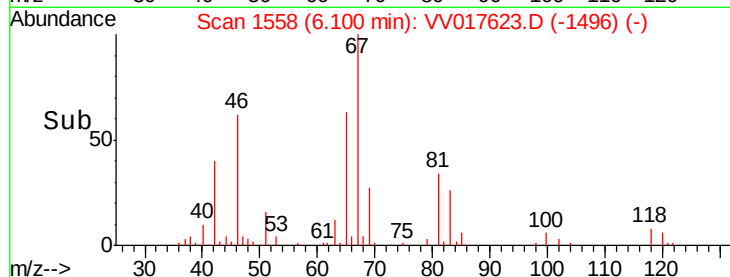
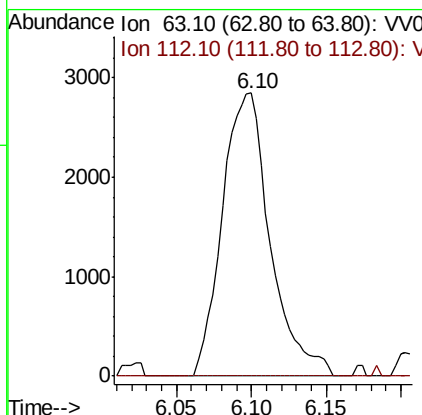
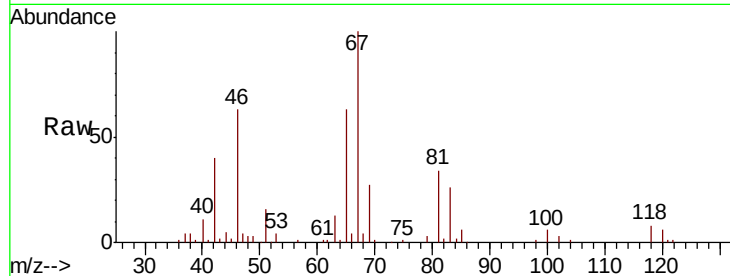




#37
 1,2-Dichloropropane
 Concen: 0.583 ug/L
 RT: 6.10 min Scan# 1558
 Delta R.T. -0.10 min
 Lab File: VV017623.D
 Acq: 23 Jul 2020 23:51

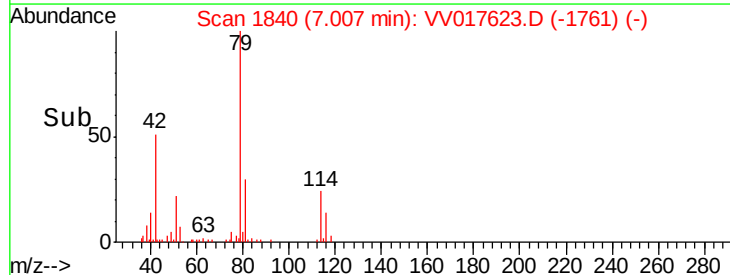
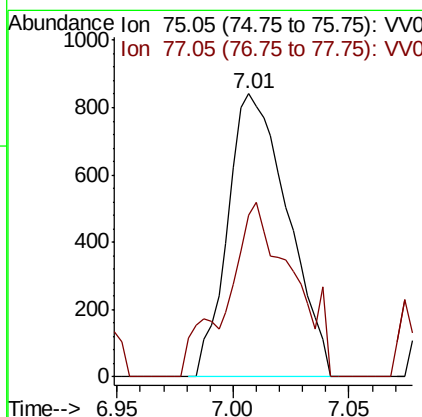
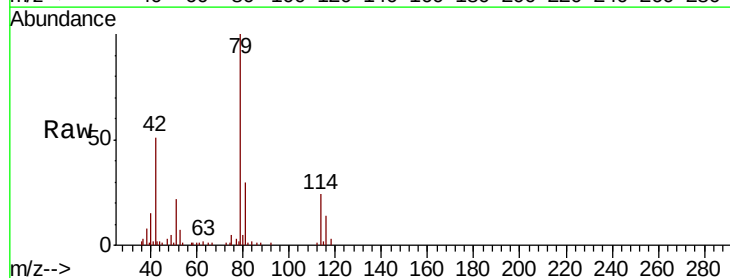
Instrument :
 MSVOA_V
 ClientSampled :
 F4C53

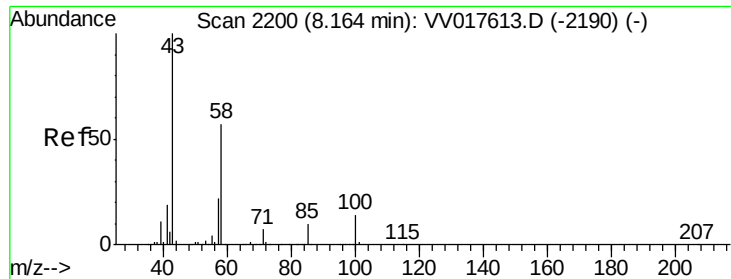
Tot Ion: 63 Resp: 6341
 Ion Ratio Lower Upper
 63 100
 112 0.3 4.5 6.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.092 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV017623.D
 Acq: 23 Jul 2020 23:51

Tgt Ion: 75 Resp: 1516
 Ion Ratio Lower Upper
 75 100
 77 57.0 23.2 43.2#





#50
 2-Hexanone
 Concen: 1.007 ug/L
 RT: 8.17 min Scan# 2202
 Delta R.T. 0.01 min
 Lab File: VV017623.D
 Acq: 23 Jul 2020 23:51

Instrument :
 MSVOA_V
 ClientSampleId :
 F4C53

Tot Ion	Ratio	Lower	Upper
43	100		
58	9.4	41.6	62.4#
57	11.6	15.4	23.0#
100	4.1	11.2	16.8#

