

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091720\
 Data File : VV018290.D
 Acq On : 17 Sep 2020 19:29
 Operator : SY/MD
 Sample : L4043-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE0

Quant Time: Sep 18 06:20:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 18 06:17:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	279574	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	276940	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	131922	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	77916	34.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.40%
7) Chloroethane-d5	1.58	69	69572	37.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.64%
11) 1,1-Dichloroethene-d2	2.12	63	119384	28.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.12%#
21) 2-Butanone-d5	3.92	46	115835	83.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.06%
24) Chloroform-d	4.37	84	157982	39.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.92%
26) 1,2-Dichloroethane-d4	5.06	65	106113	41.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.76%
32) Benzene-d6	5.07	84	314632	39.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.38%
36) 1,2-Dichloropropane-d6	6.09	67	103403	41.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.10%
41) Toluene-d8	7.34	98	277050	38.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.68%#
43) trans-1,3-Dichloropropene-	7.64	79	49279	38.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.00%
47) 2-Hexanone-d5	8.11	63	82553	86.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.52%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	137297	43.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.84%
64) 1,2-Dichlorobenzene-d4	11.65	152	120566	44.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.00%

Target Compounds

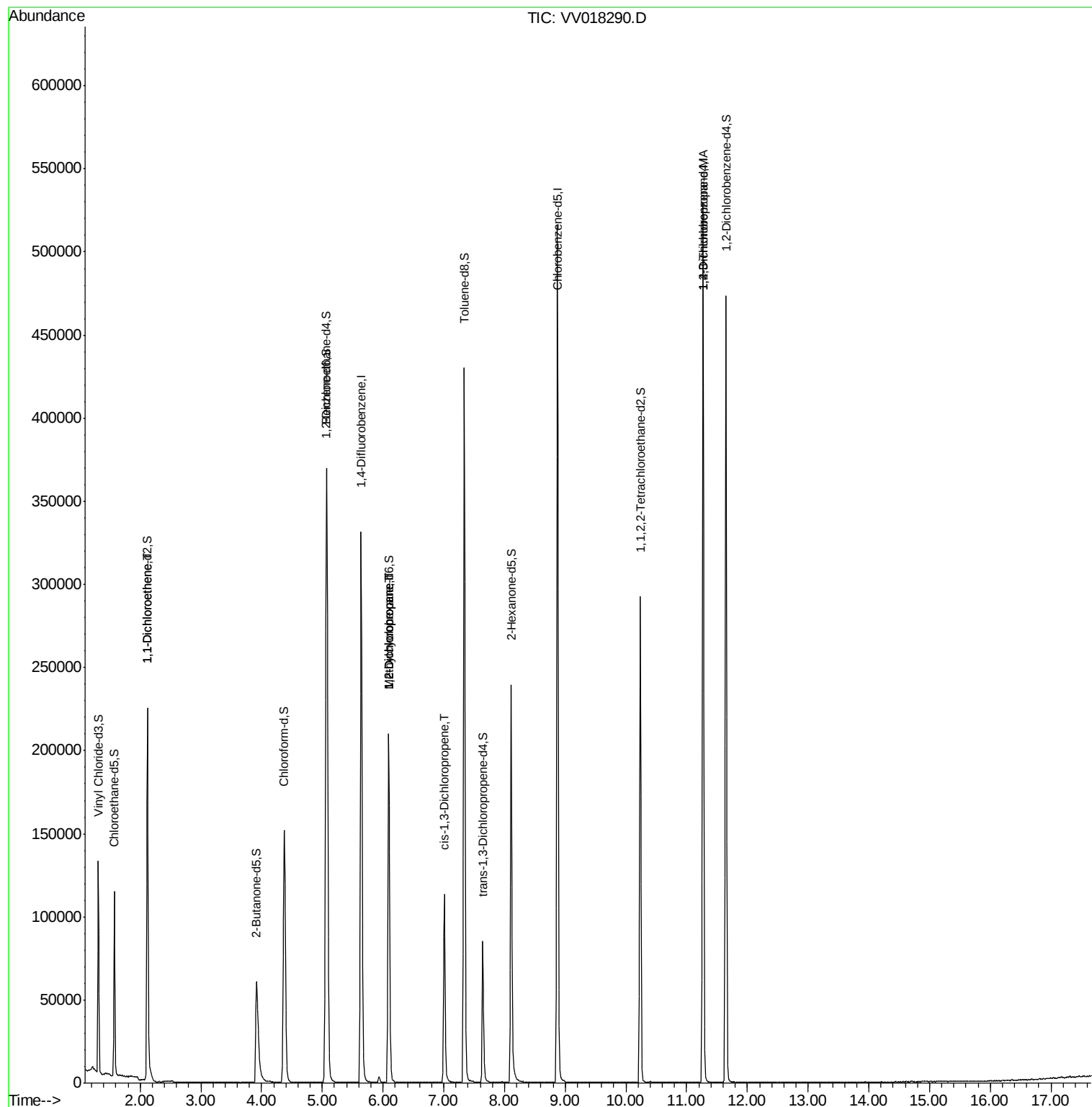
					Ovalue
12) 1,1-Dichloroethene	2.13	96	2094	1.141 ug/L #	1
35) Methylcyclohexane	6.09	83	24570	7.565 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	11147	5.313 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2837	0.878 ug/L #	66
59) 1,2,3-Trichloropropane	11.27	75	14930	6.050 ug/L	93

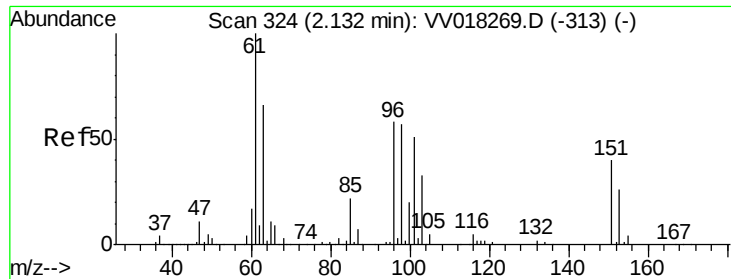
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.141 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV018290.D

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C0AE0

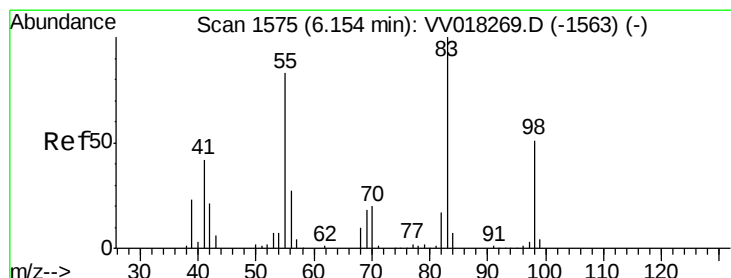
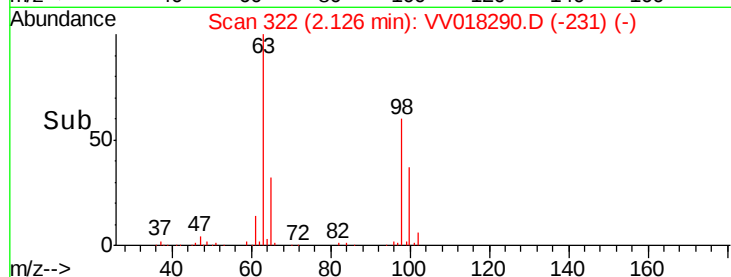
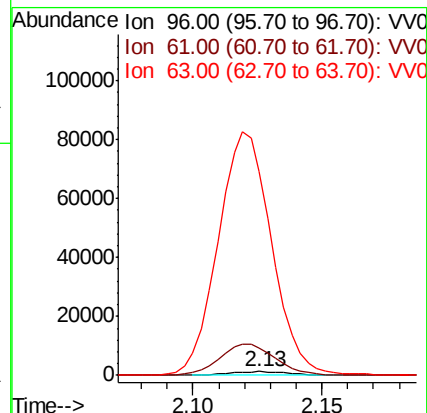
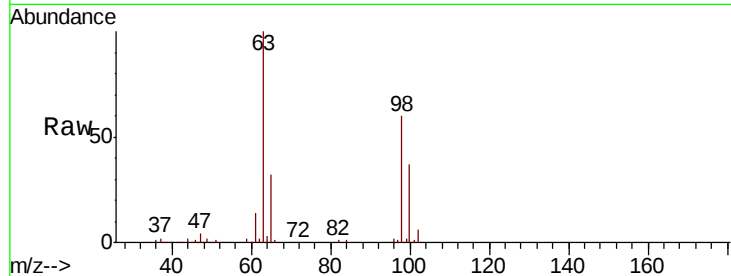
Tot Ion: 96 Resp: 2094

Ion Ratio Lower Upper

96 100

61 764.6 122.9 228.3#

63 5628.6 91.9 170.7#



#35

Methylcyclohexane

Concen: 7.565 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018290.D

Acq: 17 Sep 2020 19:29

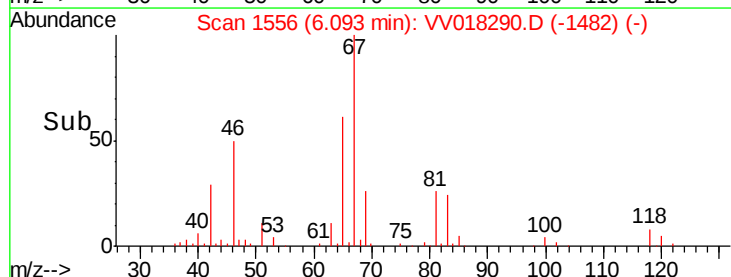
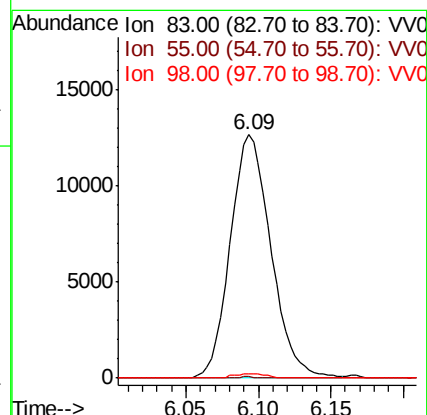
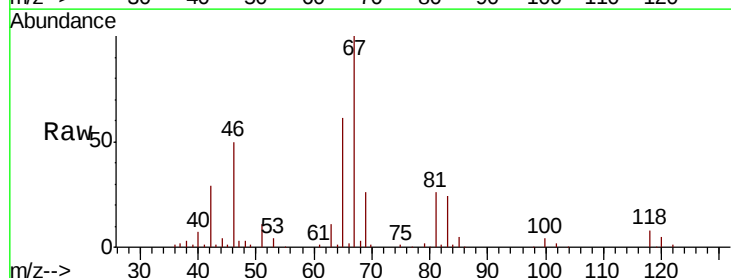
Tgt Ion: 83 Resp: 24570

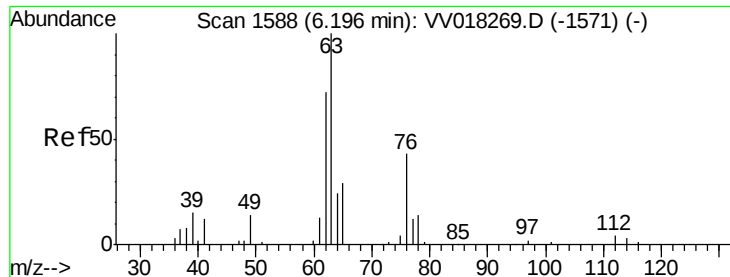
Ion Ratio Lower Upper

83 100

55 0.2 63.4 95.2#

98 1.4 38.8 58.2#

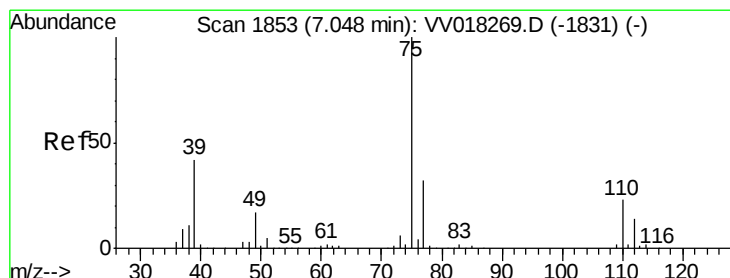
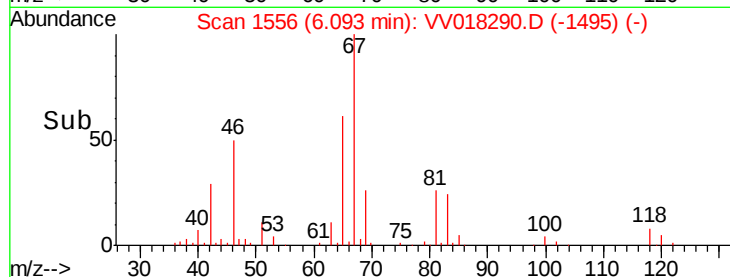
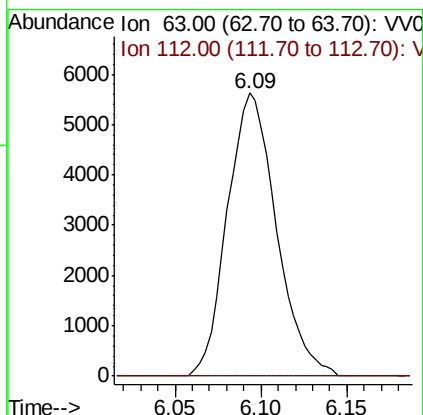
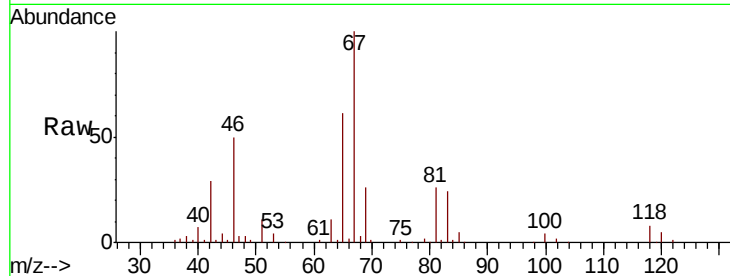




#37
 1,2-Dichloropropane
 Concen: 5.313 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018290.D
 Acq: 17 Sep 2020 19:29

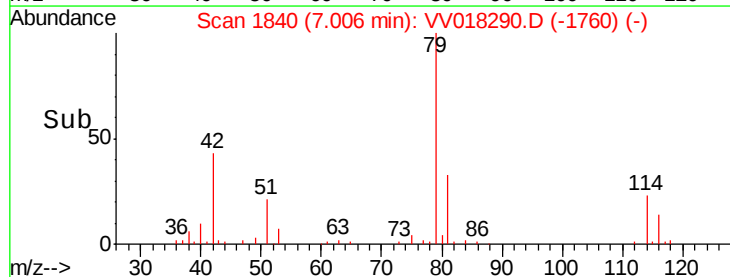
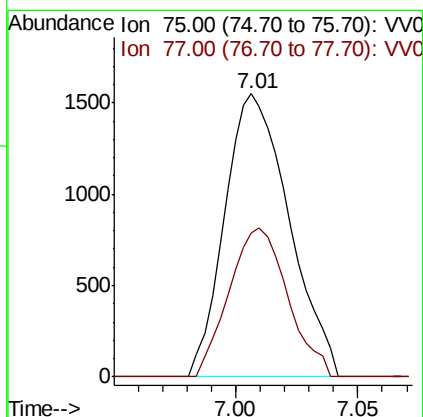
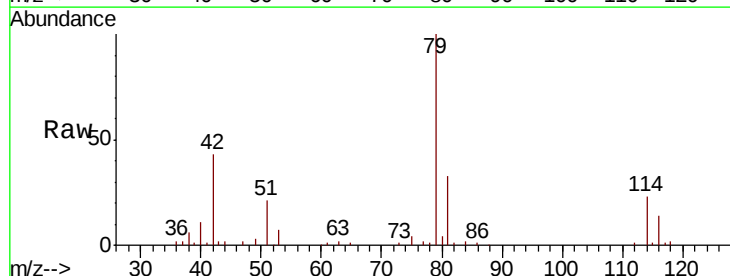
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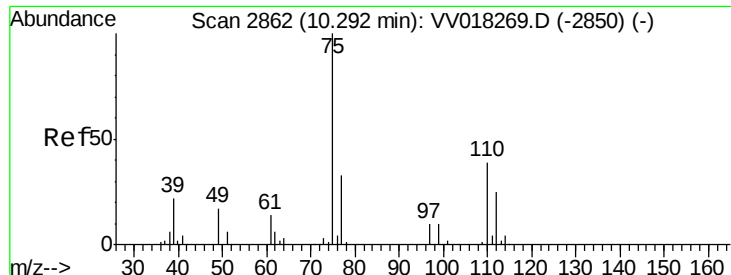
Tot Ion: 63 Resp: 11147
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.878 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018290.D
 Acq: 17 Sep 2020 19:29

Tgt Ion: 75 Resp: 2837
 Ion Ratio Lower Upper
 75 100
 77 51.0 22.3 41.3#





#59
 1,2,3-Trichloropropane
 Concen: 6.050 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV018290.D
 Acq: 17 Sep 2020 19:29

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE0

Tot Ion: 75 Resp: 14930
 Ion Ratio Lower Upper
 75 100
 77 35.9 25.8 38.6

