

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092120\
 Data File : VV018366.D
 Acq On : 21 Sep 2020 13:21
 Operator : SY/MD
 Sample : L4080-14
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Sep 22 04:36:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 22 04:28:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	262661	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	263636	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	126659	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	91030	42.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.06%
7) Chloroethane-d5	1.58	69	75916	43.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.68%
11) 1,1-Dichloroethene-d2	2.12	63	133376	33.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.94%
21) 2-Butanone-d5	3.91	46	119911	91.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.52%
24) Chloroform-d	4.38	84	167303	45.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.10%
26) 1,2-Dichloroethane-d4	5.06	65	110501	46.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.82%
32) Benzene-d6	5.08	84	335068	44.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.09	67	108791	45.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.74%
41) Toluene-d8	7.34	98	297243	43.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.44%
43) trans-1,3-Dichloropropene-	7.64	79	51846	42.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.10%
47) 2-Hexanone-d5	8.11	63	77108	84.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.89%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	132139	43.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	126266	48.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.08%

Target Compounds

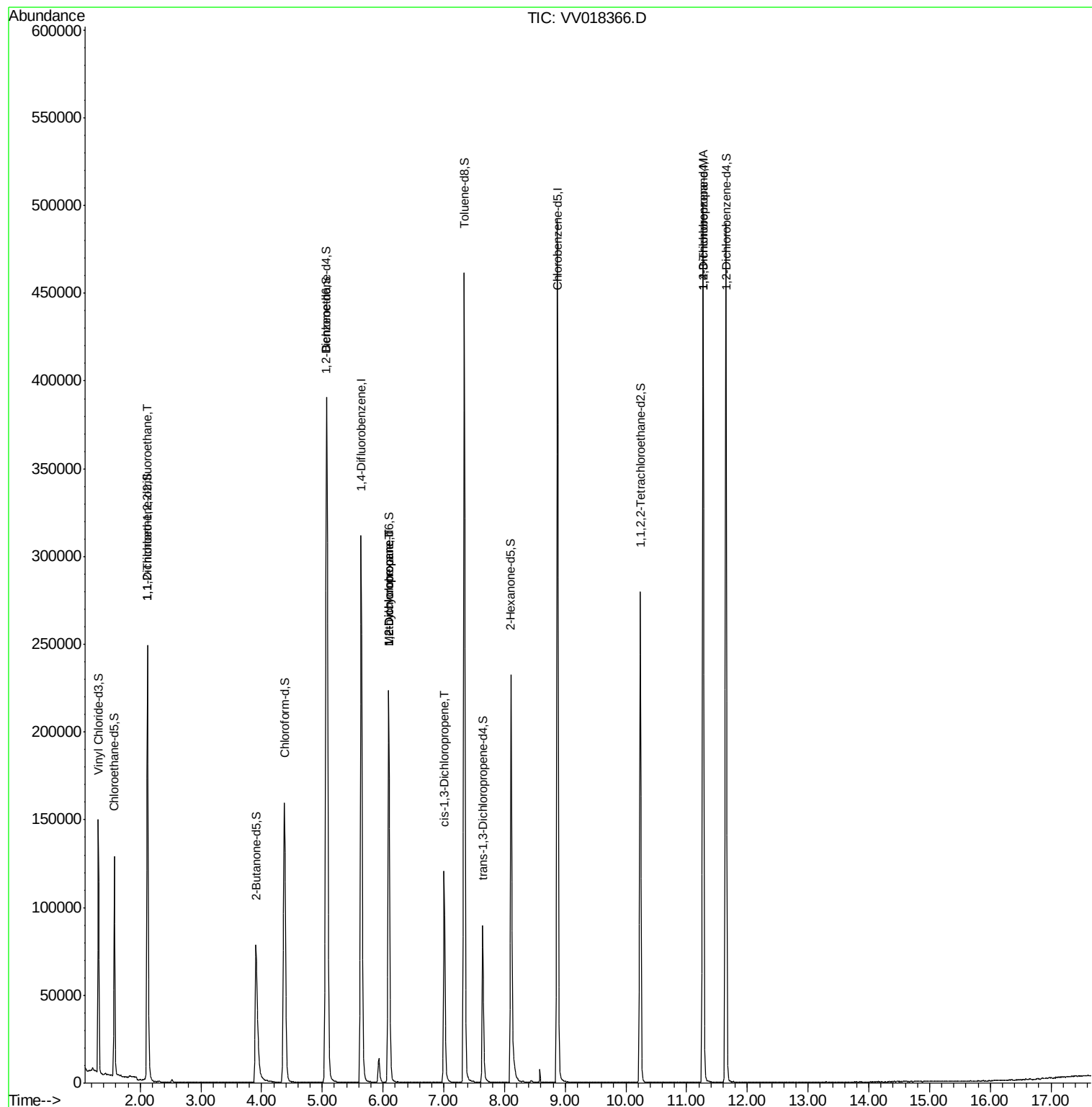
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1209	0.682 ug/L #	19
35) Methylcyclohexane	6.09	83	26055	8.428 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	11520	5.768 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2889	0.939 ug/L #	59
59) 1,2,3-Trichloropropane	11.27	75	14273	6.075 ug/L	90

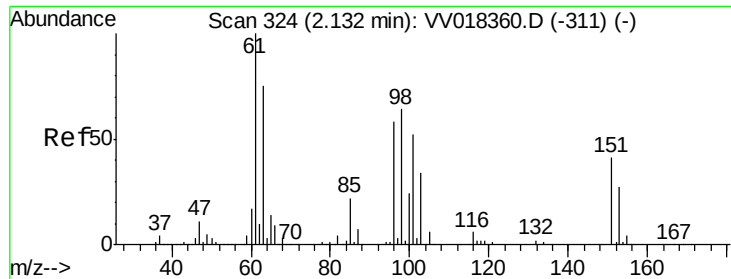
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.682 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV018366.D

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MSVOA_V

ClientSampleId :

VHBLK01

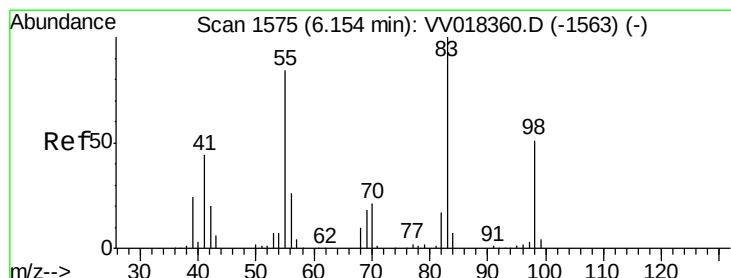
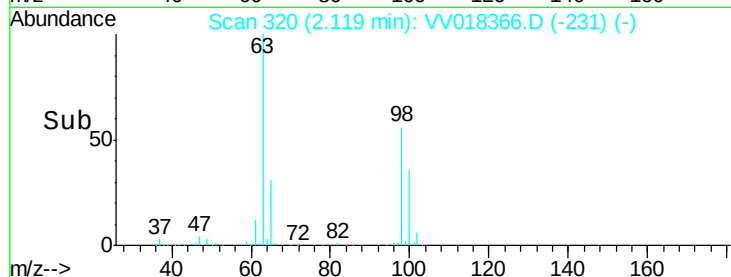
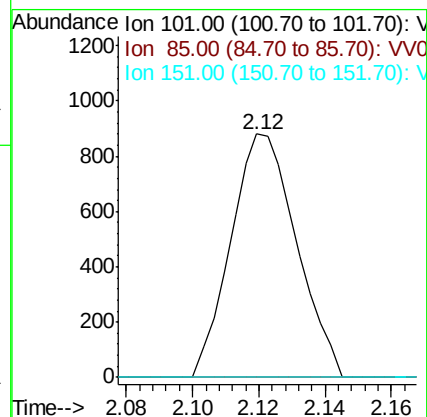
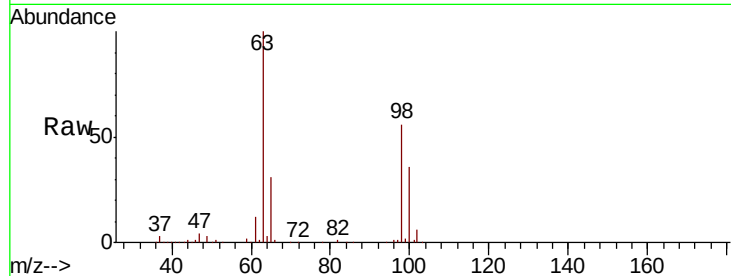
Tot Ion:101 Resp: 1209

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

151 0.0 62.2 93.2#



#35

Methylcyclohexane

Concen: 8.428 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018366.D

Acq: 21 Sep 2020 13:21

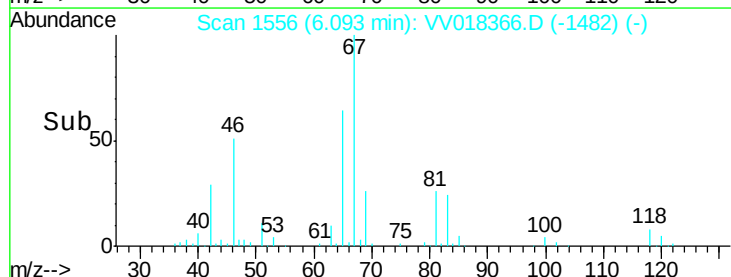
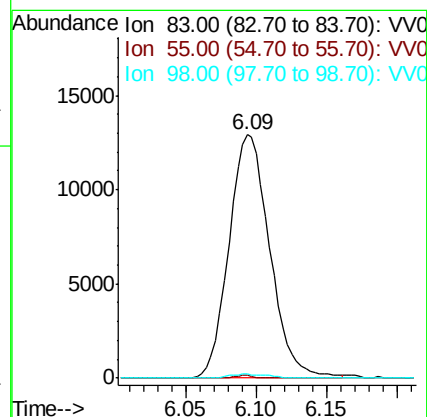
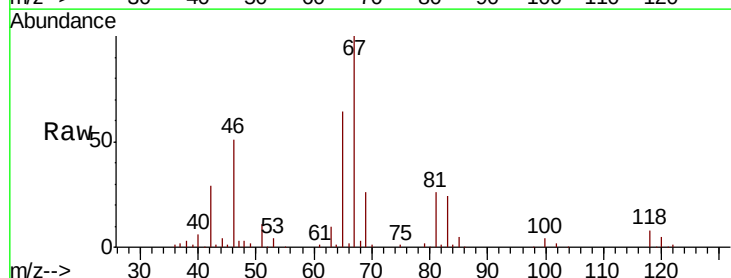
Tgt Ion: 83 Resp: 26055

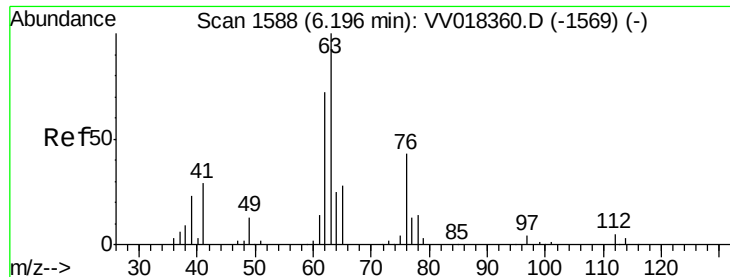
Ion Ratio Lower Upper

83 100

55 0.4 63.4 95.2#

98 1.2 38.8 58.2#

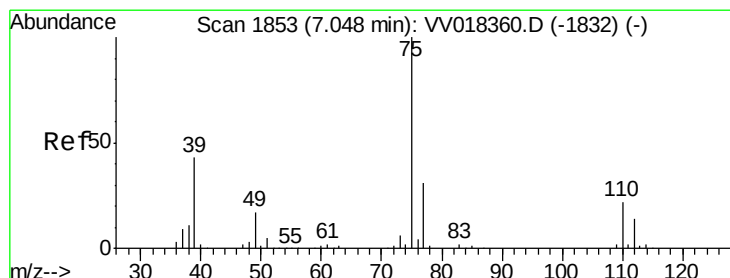
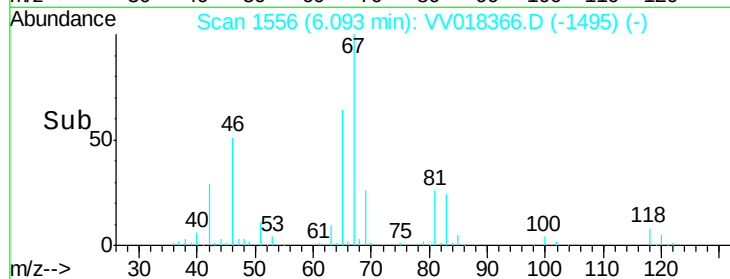
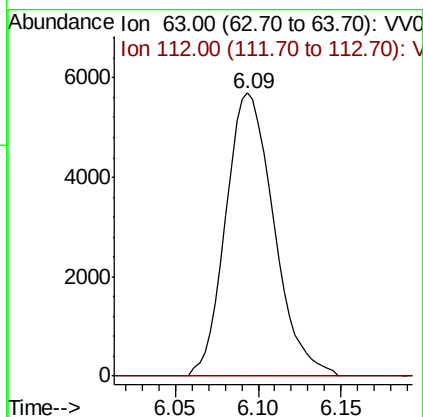
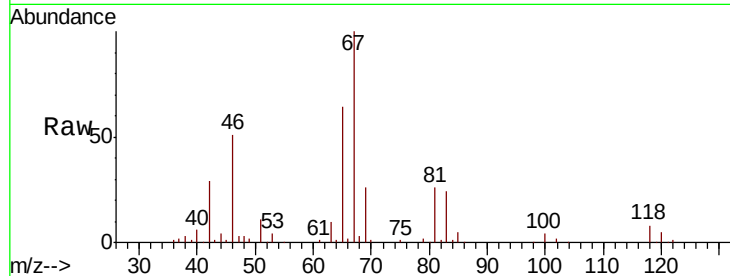




#37
 1,2-Dichloropropane
 Concen: 5.768 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018366.D
 Acq: 21 Sep 2020 13:21

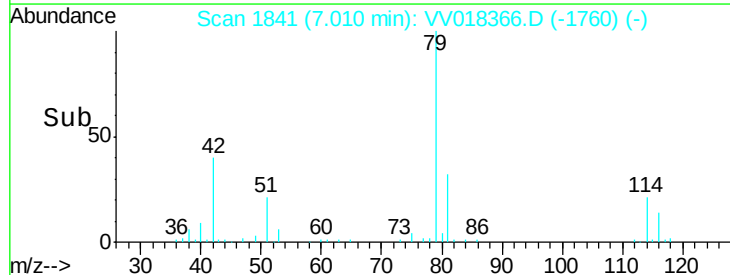
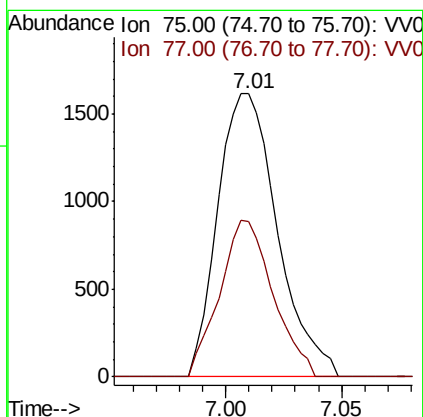
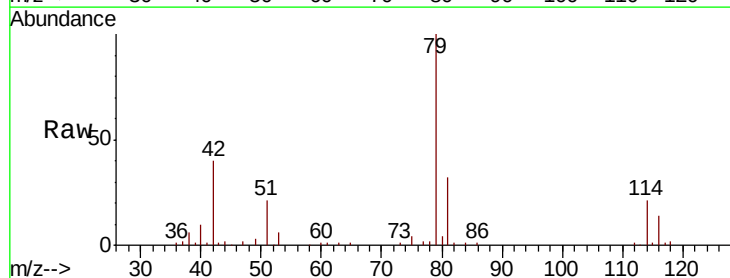
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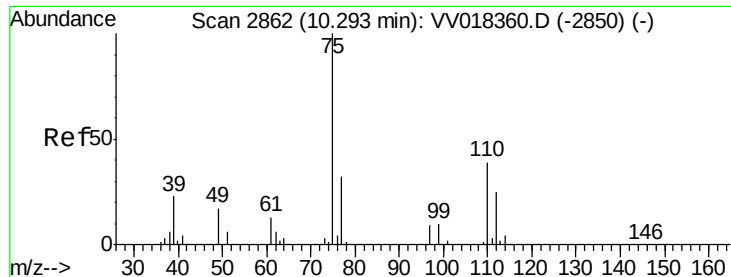
Tot Ion: 63 Resp: 11520
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.939 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018366.D
 Acq: 21 Sep 2020 13:21

Tgt Ion: 75 Resp: 2889
 Ion Ratio Lower Upper
 75 100
 77 54.8 22.3 41.3#





#59

1,2,3-Trichloropropane

Concen: 6.075 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018366.D

Acq: 21 Sep 2020 13:21

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

Tot Ion: 75 Resp: 14273

Ion Ratio Lower Upper

75 100

77 37.5 25.8 38.6

