

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092520\
 Data File : VV018472.D
 Acq On : 25 Sep 2020 21:33
 Operator : SY/MD
 Sample : L4117-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA6

Quant Time: Sep 26 02:57:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 26 02:48:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	370044	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	356246	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	176725	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	136433	45.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.48%
7) Chloroethane-d5	1.58	69	111952	45.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.74%
11) 1,1-Dichloroethene-d2	2.12	63	187064	33.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.64%
21) 2-Butanone-d5	3.92	46	170048	92.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.12%
24) Chloroform-d	4.38	84	227722	43.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.04%
26) 1,2-Dichloroethane-d4	5.06	65	150855	44.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.96%
32) Benzene-d6	5.08	84	487135	47.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.54%
36) 1,2-Dichloropropane-d6	6.09	67	153041	47.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.46%
41) Toluene-d8	7.34	98	439168	47.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.50%
43) trans-1,3-Dichloropropene-	7.64	79	72621	44.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.20%
47) 2-Hexanone-d5	8.11	63	104914	85.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.47%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	187458	46.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.18%
64) 1,2-Dichlorobenzene-d4	11.65	152	178474	49.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.34%

Target Compounds

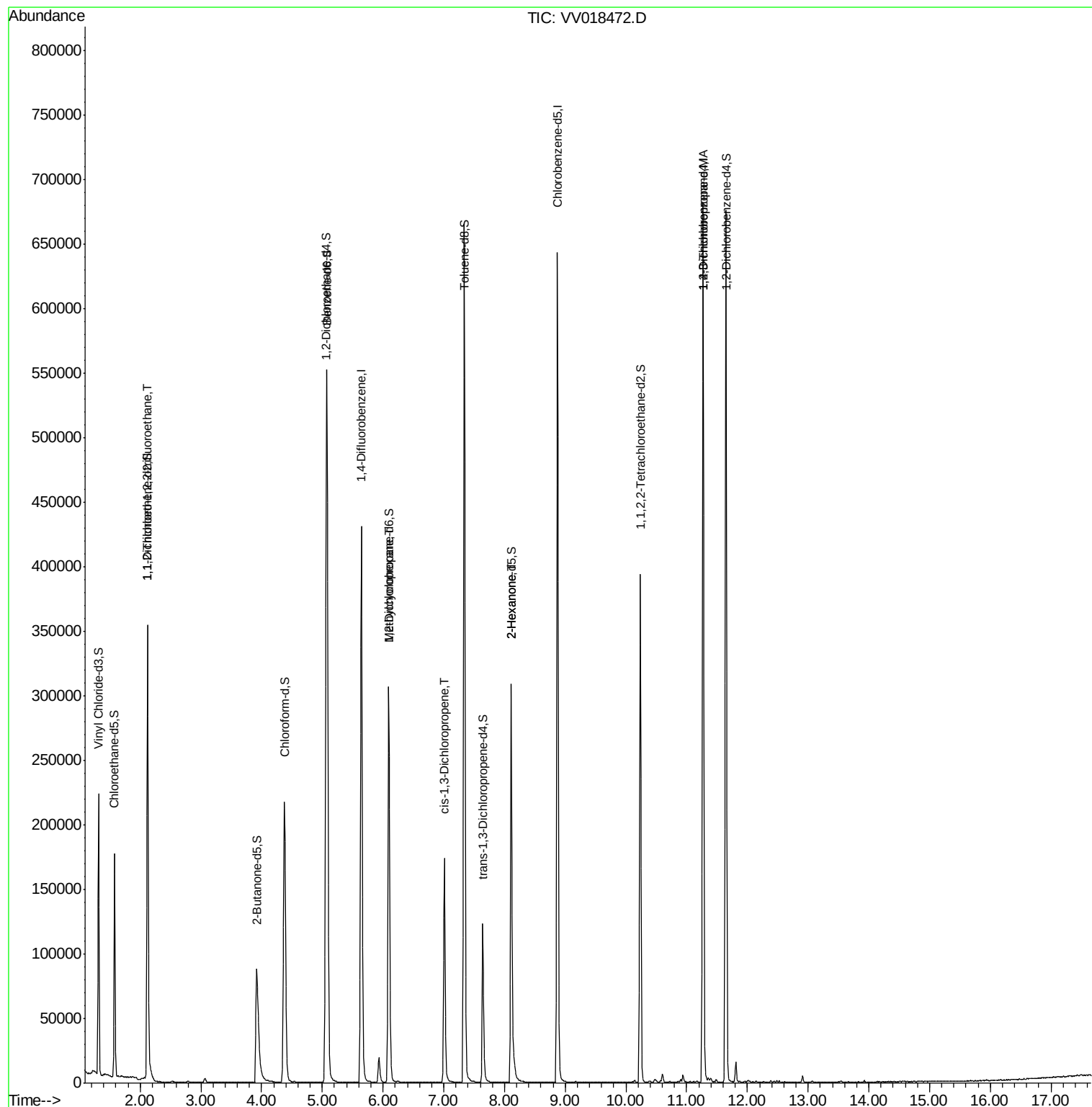
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1827	0.732 ug/L #	19
35) Methylcyclohexane	6.09	83	35821	8.574 ug/L #	18
39) cis-1,3-Dichloropropene	7.01	75	3846	0.925 ug/L #	54
48) 2-Hexanone	8.11	43	12496	4.841 ug/L #	77
59) 1,2,3-Trichloropropane	11.27	75	19989	6.297 ug/L	92

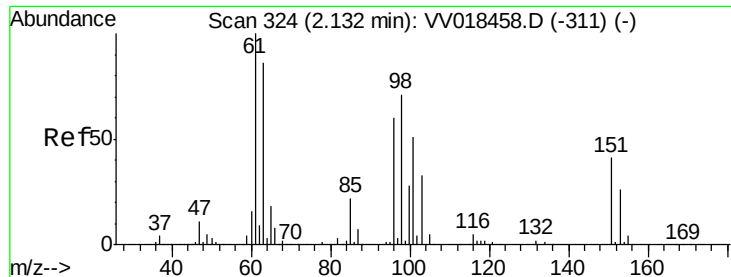
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.732 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018472.D

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ClientSampleId :

E0AA6

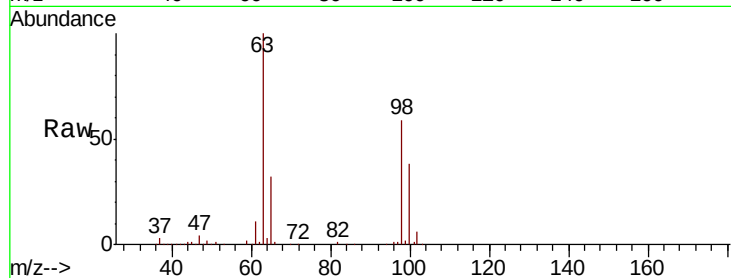
Tot Ion:101 Resp: 1827

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

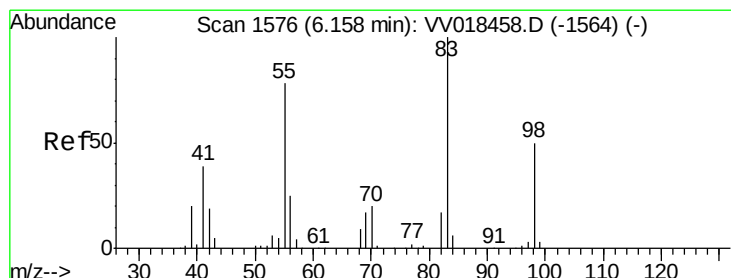
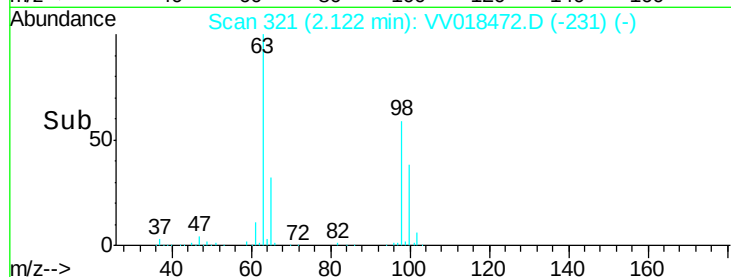
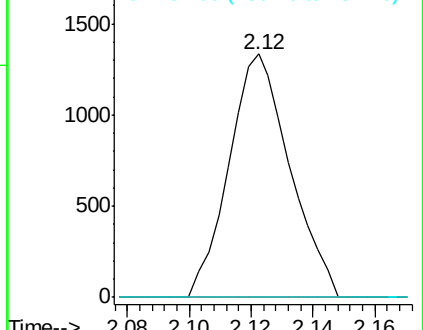
151 0.0 62.2 93.2#



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



#35

Methylcyclohexane

Concen: 8.574 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018472.D

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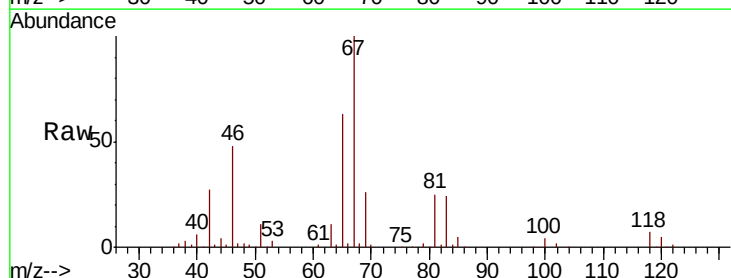
Tgt Ion: 83 Resp: 35821

Ion Ratio Lower Upper

83 100

55 0.0 63.4 95.2#

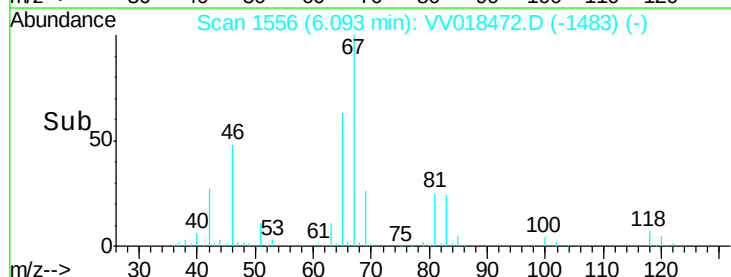
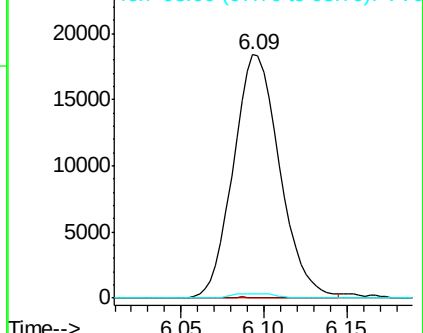
98 1.7 38.8 58.2#

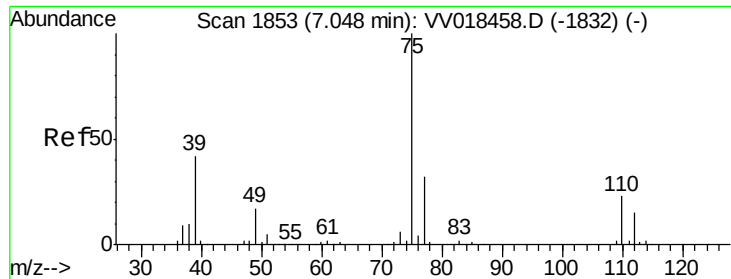


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

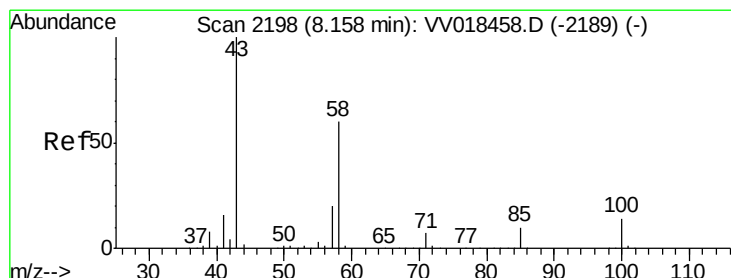
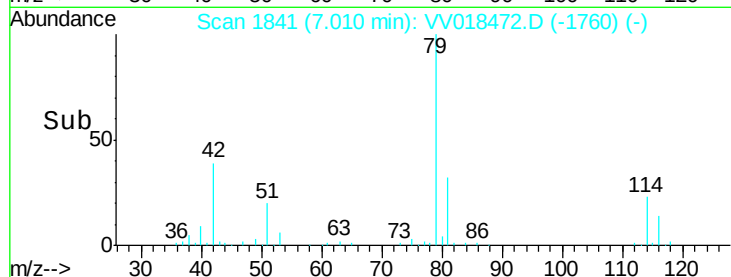
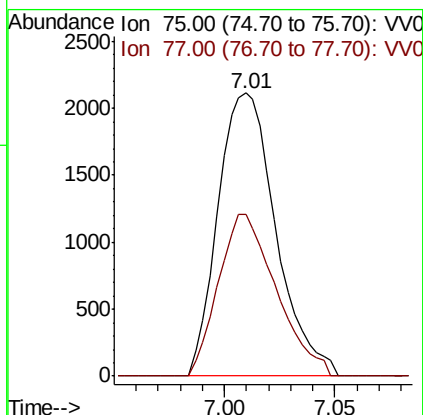
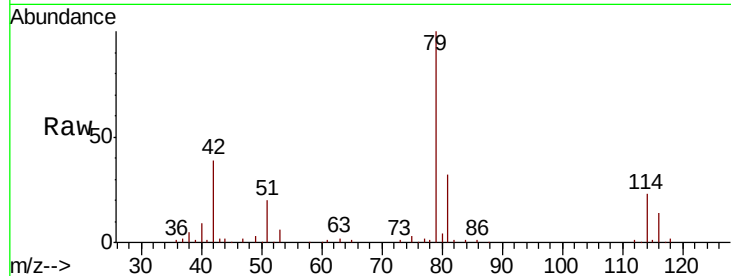




#39
 cis-1,3-Dichloropropene
 Concen: 0.925 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018472.D
 Acq: 25 Sep 2020 21:33

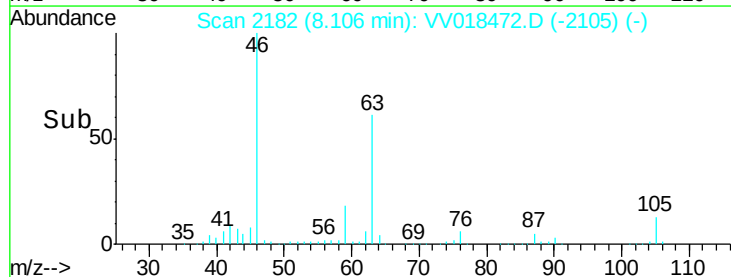
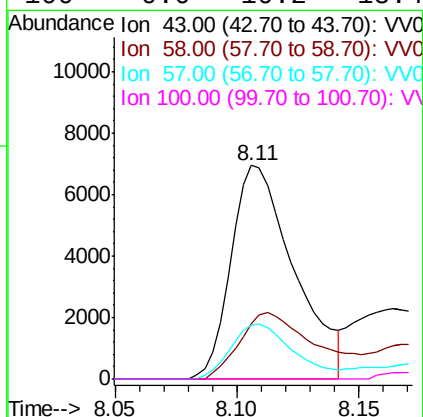
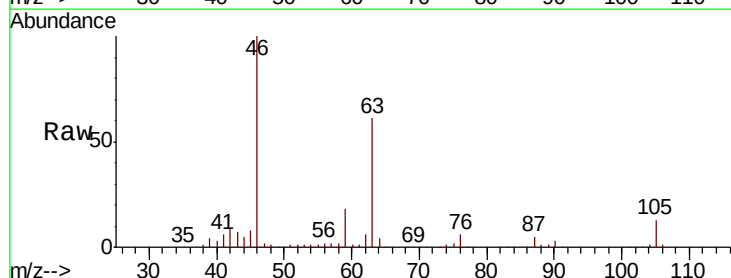
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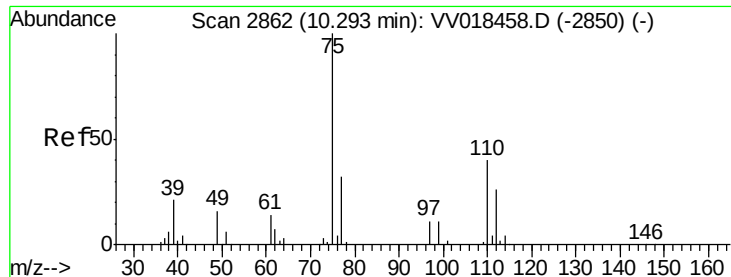
Tot Ion: 75 Resp: 3846
 Ion Ratio Lower Upper
 75 100
 77 57.2 22.3 41.3#



#48
 2-Hexanone
 Concen: 4.841 ug/L
 RT: 8.11 min Scan# 2182
 Delta R.T. -0.05 min
 Lab File: VV018472.D
 Acq: 25 Sep 2020 21:33

Tgt Ion: 43 Resp: 12496
 Ion Ratio Lower Upper
 43 100
 58 38.1 44.8 67.2#
 57 25.2 15.8 23.6#
 100 0.0 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 6.297 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018472.D

Acq: 25 Sep 2020 21:33

Instrument :

MSVOA_V

ClientSampleId :

E0AA6

Tot Ion: 75 Resp: 19989

Ion Ratio Lower Upper

75 100

77 36.8 25.8 38.6

