

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100320\
 Data File : VV018659.D
 Acq On : 03 Oct 2020 16:57
 Operator : SY/MD
 Sample : L4185-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Oct 05 04:58:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 05 04:50:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	310063	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	310309	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	149428	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	95858	52.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.42%
7) Chloroethane-d5	1.58	69	84685	56.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.64%
11) 1,1-Dichloroethene-d2	2.12	63	147175	39.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.44%
21) 2-Butanone-d5	3.92	46	112054	82.61	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.61%
24) Chloroform-d	4.38	84	175314	44.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.16%
26) 1,2-Dichloroethane-d4	5.06	65	119268	47.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.56%
32) Benzene-d6	5.08	84	342411	43.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.12%
36) 1,2-Dichloropropane-d6	6.09	67	106740	44.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.88%
41) Toluene-d8	7.34	98	309010	41.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.58%
43) trans-1,3-Dichloropropene-	7.64	79	53485	41.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.38%
47) 2-Hexanone-d5	8.11	63	61040	67.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	67.67%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	115792	36.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	73.56%
64) 1,2-Dichlorobenzene-d4	11.65	152	136656	47.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.10%

Target Compounds

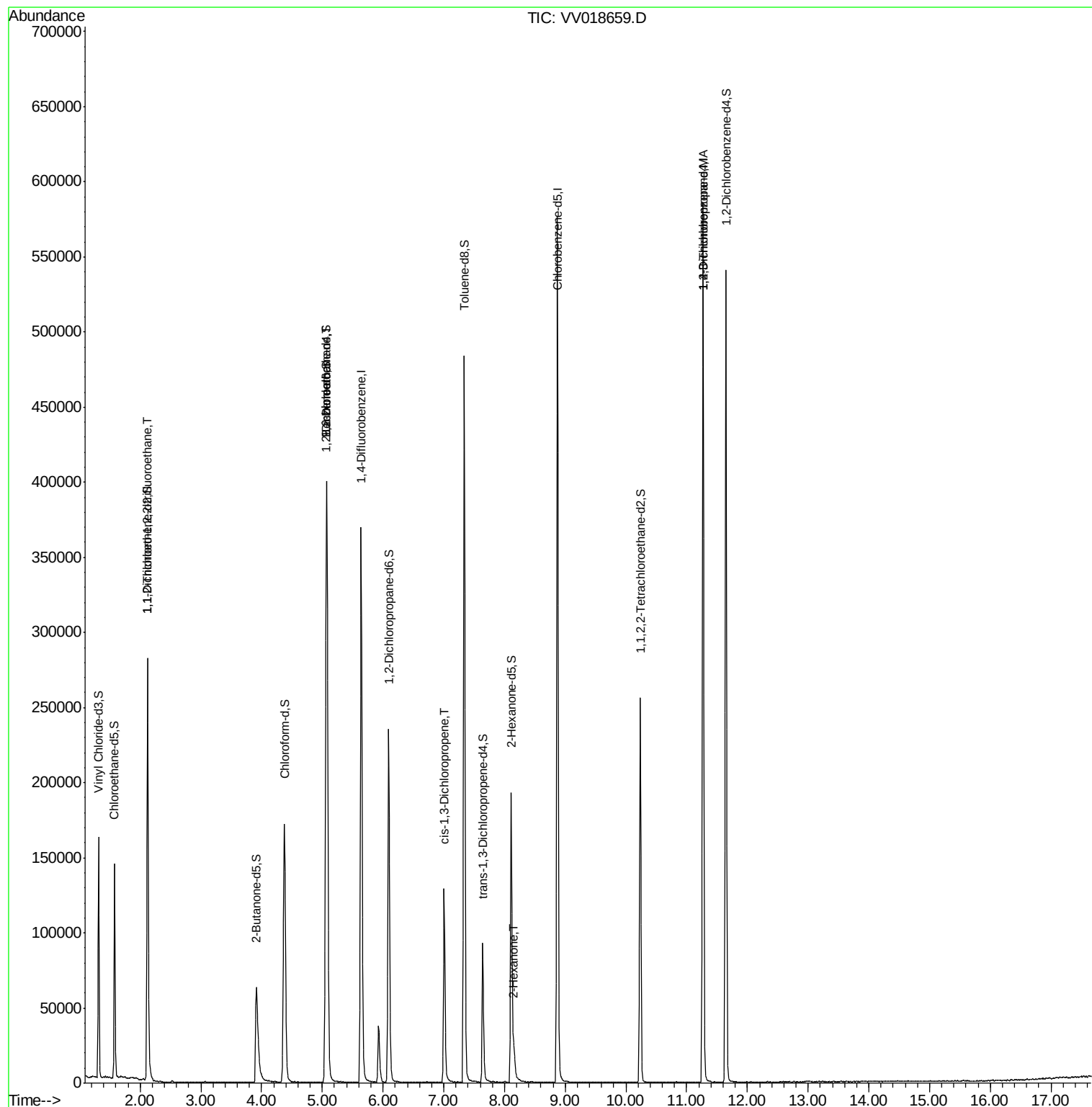
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1341	0.665 ug/L #	17
27) 1,2-Dichloroethane	5.08	62	2220	0.696 ug/L	99
39) cis-1,3-Dichloropropene	7.01	75	3328	0.907 ug/L #	55
48) 2-Hexanone	8.16	43	10059	4.272 ug/L #	64
59) 1,2,3-Trichloropropane	11.27	75	16939	5.954 ug/L	90

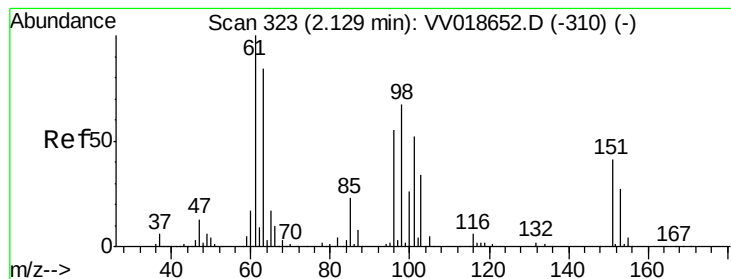
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.665 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

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VHBLK01

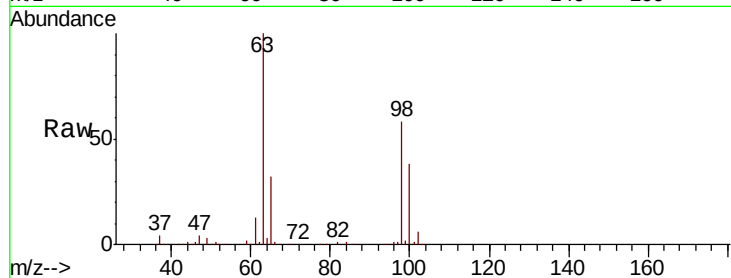
Tot Ion:101 Resp: 1341

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

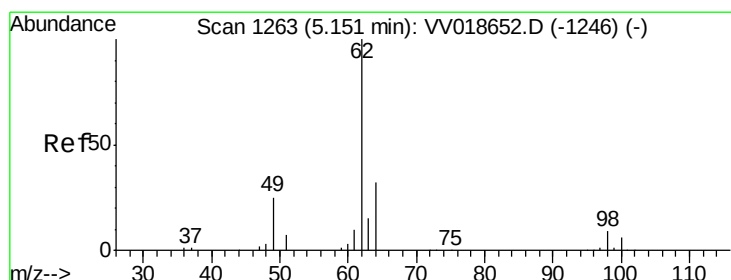
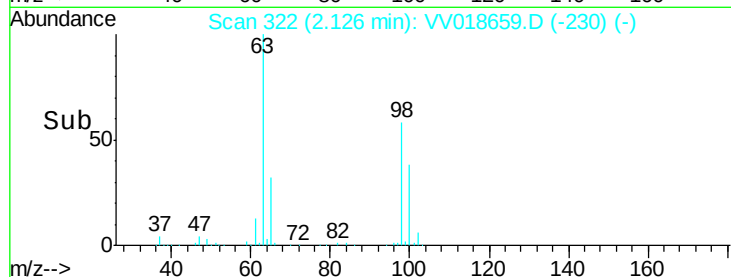
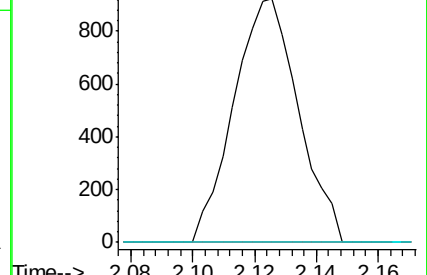
151 0.0 64.3 96.5#



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



#27

1,2-Dichloroethane

Concen: 0.696 ug/L

RT: 5.08 min Scan# 1240

Delta R.T. -0.07 min

Lab File: VV018659.D

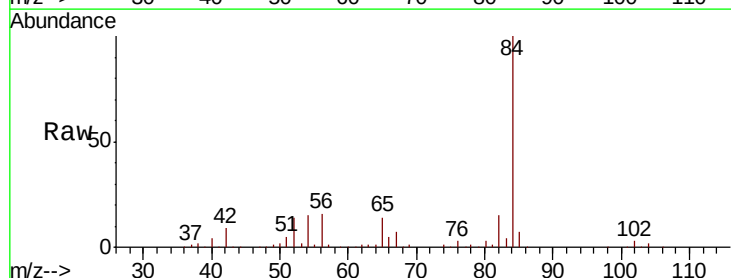
Acq: 03 Oct 2020 16:57

Tgt Ion: 62 Resp: 2220

Ion Ratio Lower Upper

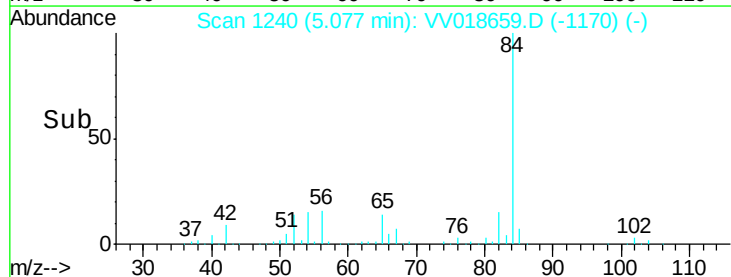
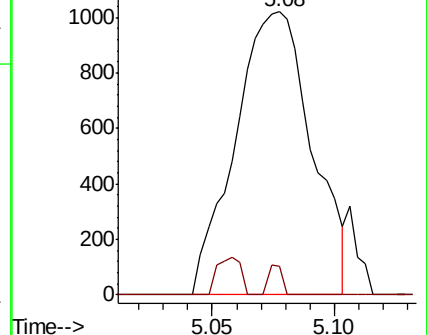
62 100

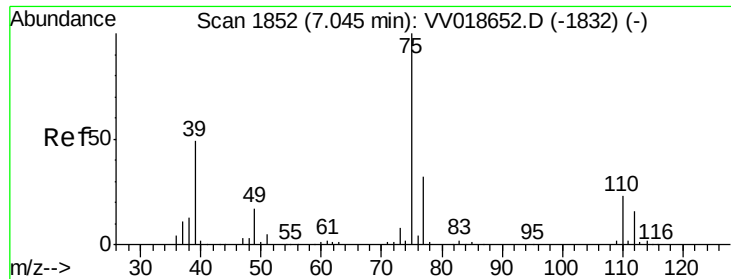
98 9.9 7.7 11.5



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

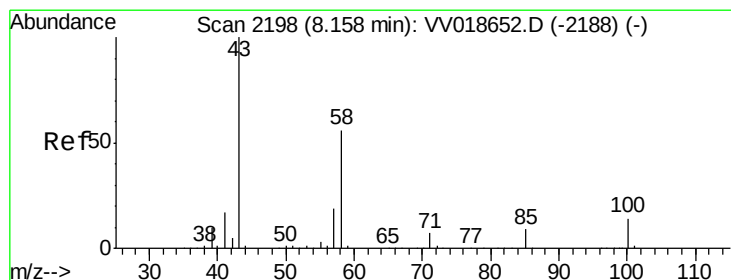
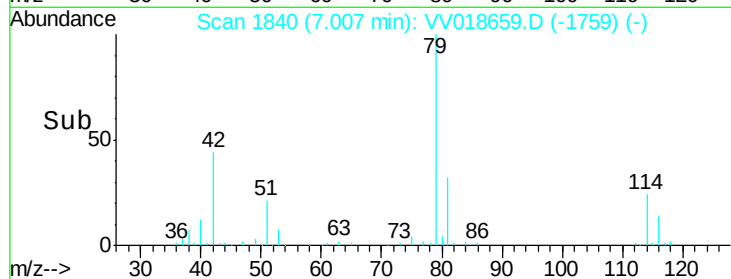
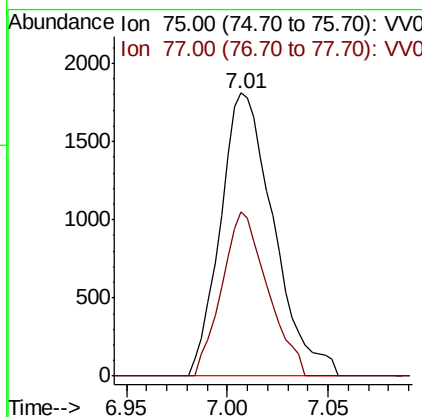
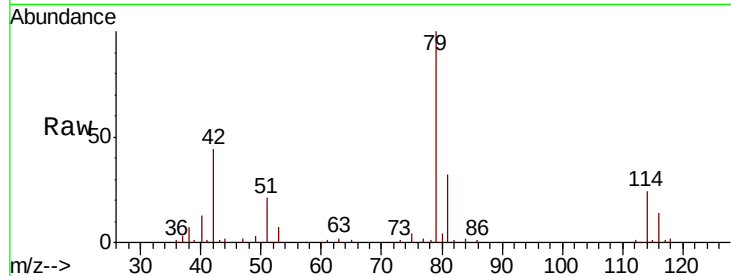




#39
 cis-1,3-Dichloropropene
 Concen: 0.907 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018659.D
 Acq: 03 Oct 2020 16:57

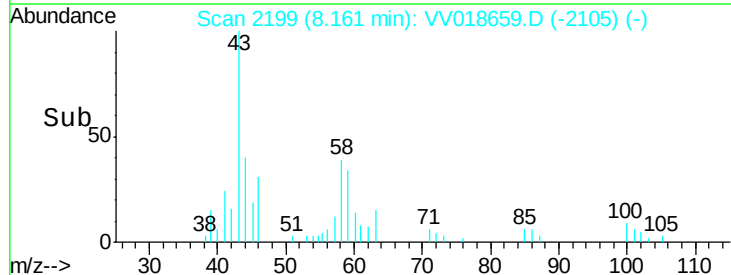
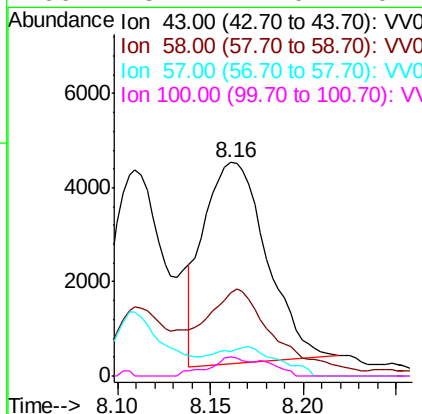
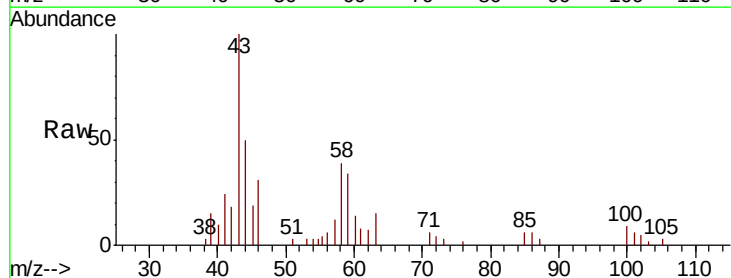
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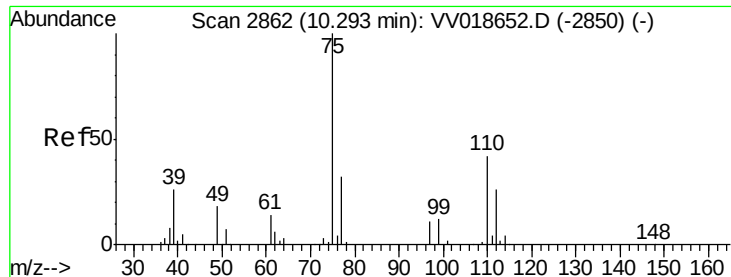
Tot Ion: 75 Resp: 3328
 Ion Ratio Lower Upper
 75 100
 77 57.9 23.0 42.6#



#48
 2-Hexanone
 Concen: 4.272 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VV018659.D
 Acq: 03 Oct 2020 16:57

Tgt Ion: 43 Resp: 10059
 Ion Ratio Lower Upper
 43 100
 58 30.6 45.1 67.7#
 57 0.0 15.7 23.5#
 100 3.1 11.0 16.4#





#59

1,2,3-Trichloropropane

Concen: 5.954 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018659.D

Acq: 03 Oct 2020 16:57

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

Tot Ion: 75 Resp: 16939

Ion Ratio Lower Upper

75 100

77 37.4 25.4 38.0

