

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091720\
 Data File : VV018275.D
 Acq On : 17 Sep 2020 13:50
 Operator : SY/MD
 Sample : L4042-21
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Sep 18 06:19:23 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	269863	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	268417	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	128740	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	104607	47.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.12%
7) Chloroethane-d5	1.58	69	86730	48.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.38%
11) 1,1-Dichloroethene-d2	2.12	63	151205	37.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.96%
21) 2-Butanone-d5	3.92	46	149251	110.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.87%
24) Chloroform-d	4.38	84	195220	51.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.32%
26) 1,2-Dichloroethane-d4	5.06	65	131709	53.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.70%
32) Benzene-d6	5.08	84	389719	50.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.44%
36) 1,2-Dichloropropane-d6	6.09	67	127191	52.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.18%
41) Toluene-d8	7.34	98	346450	49.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.94%
43) trans-1,3-Dichloropropene-	7.64	79	62360	50.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.52%
47) 2-Hexanone-d5	8.11	63	105549	114.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.13%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	168023	54.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.66%
64) 1,2-Dichlorobenzene-d4	11.65	152	147454	55.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.54%

Target Compounds

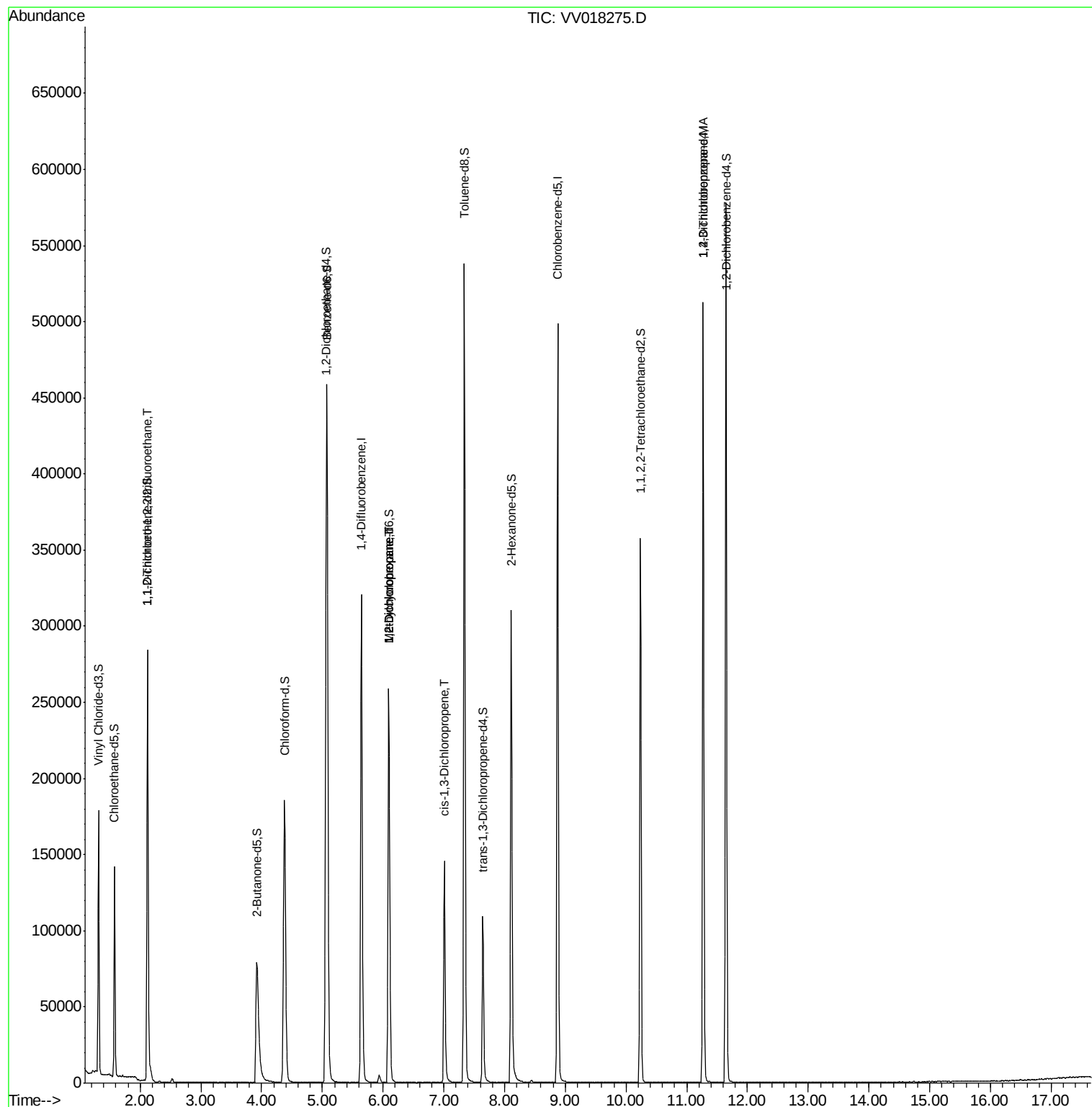
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1350	0.741 ug/L #	19
35) Methylcyclohexane	6.10	83	29908	9.502 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	13728	6.751 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3329	1.062 ug/L #	58
59) 1,2,3-Trichloropropane	11.27	75	15011	6.276 ug/L	90

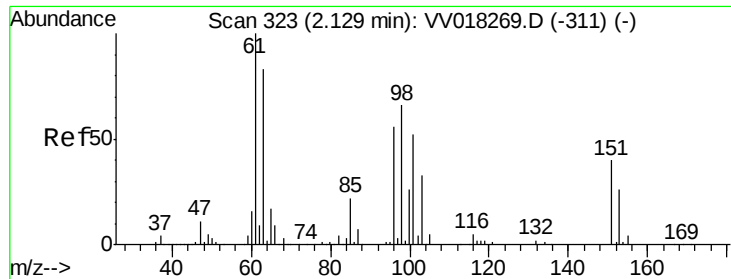
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.741 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

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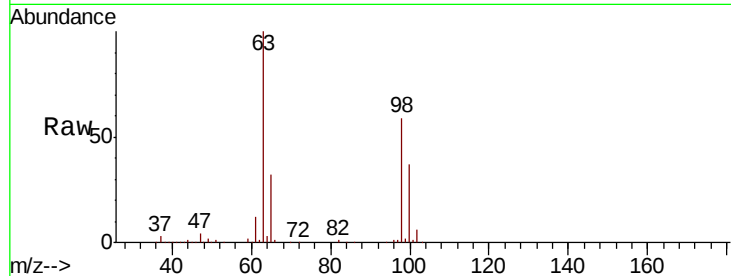
Tot Ion:101 Resp: 1350

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

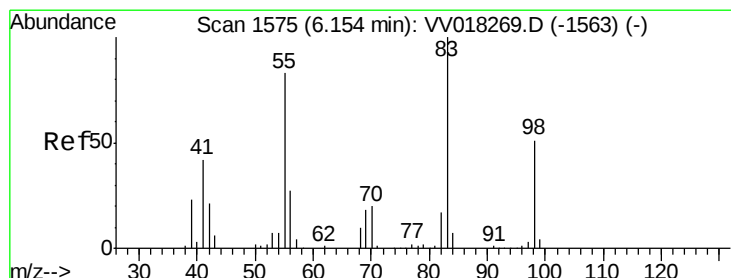
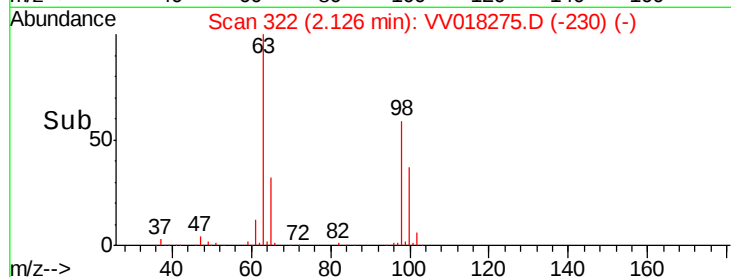
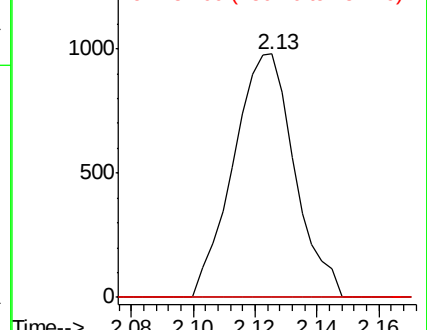
151 0.0 62.2 93.2#



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: 9.502 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.06 min

Lab File: VV018275.D

Acq: 17 Sep 2020 13:50

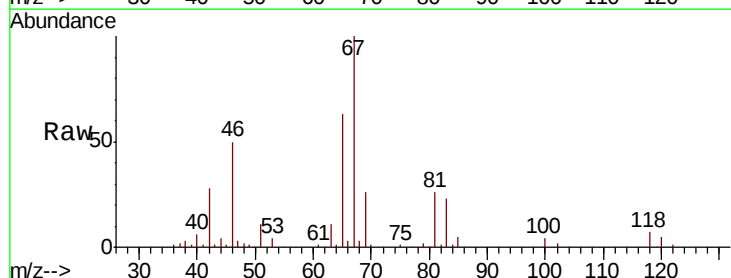
Tgt Ion: 83 Resp: 29908

Ion Ratio Lower Upper

83 100

55 0.5 63.4 95.2#

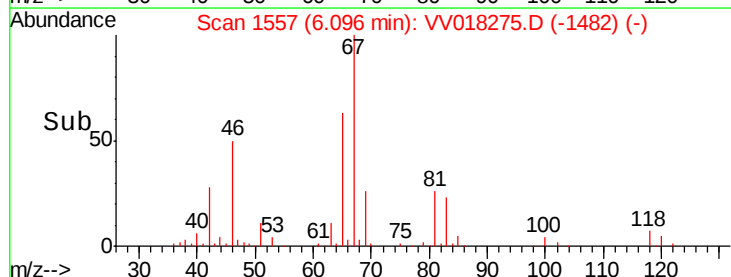
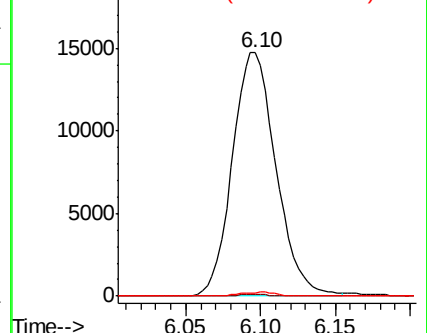
98 0.7 38.8 58.2#

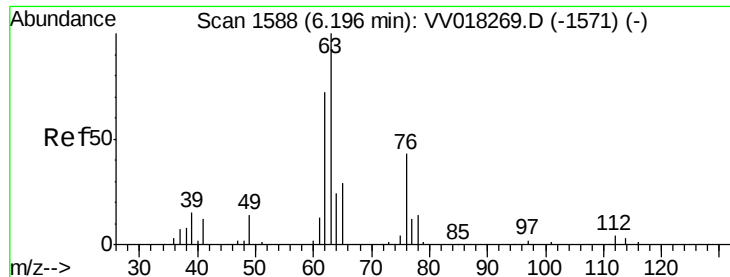


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

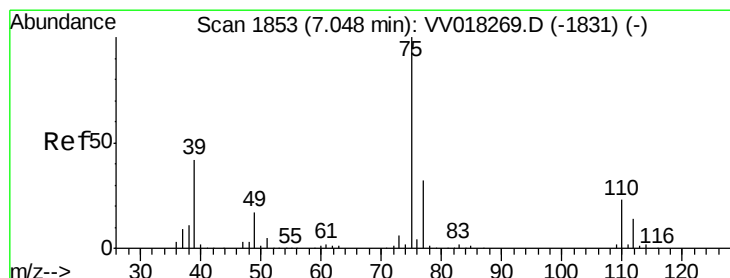
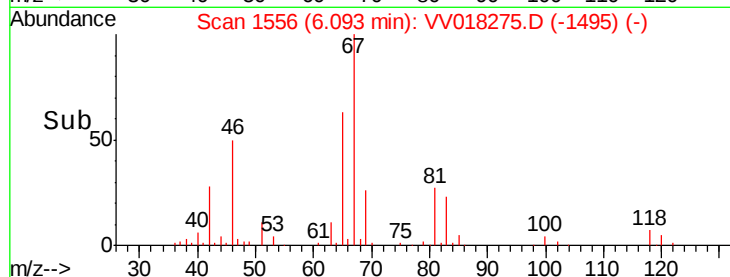
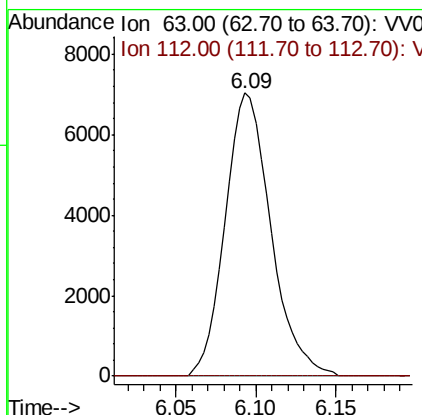
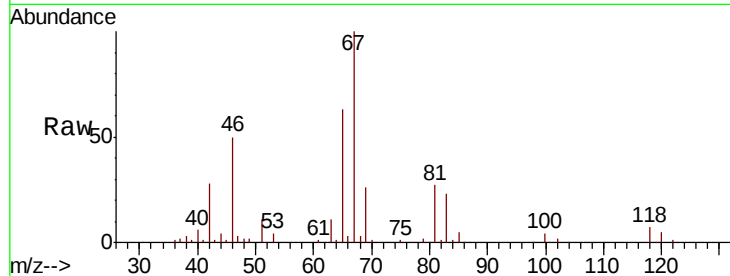




#37
 1,2-Dichloropropane
 Concen: 6.751 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018275.D
 Acq: 17 Sep 2020 13:50

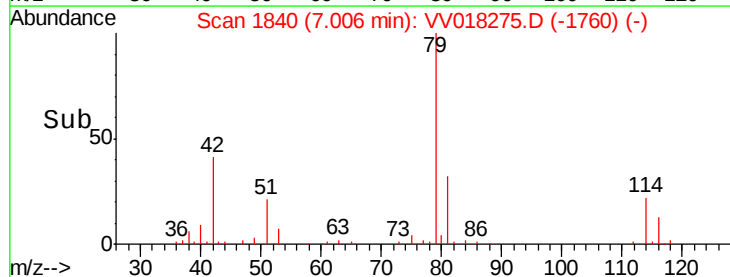
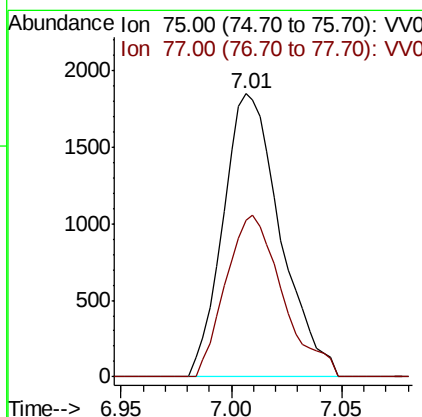
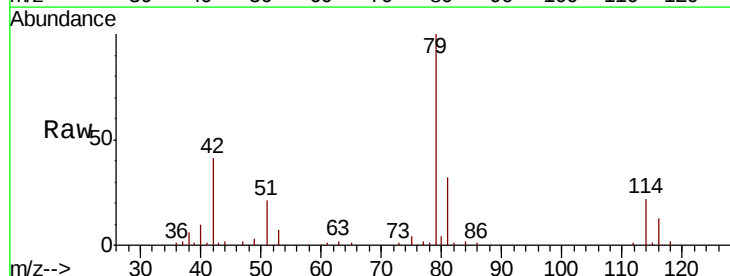
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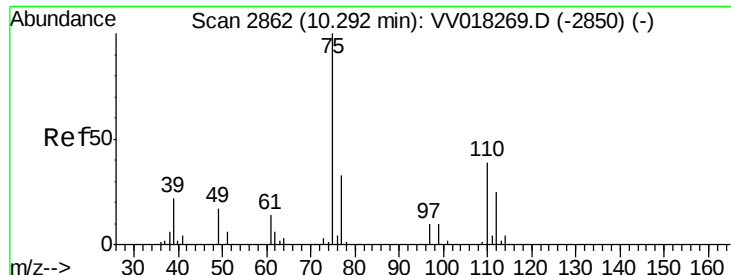
Tot Ion: 63 Resp: 13728
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 1.062 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018275.D
 Acq: 17 Sep 2020 13:50

Tgt Ion: 75 Resp: 3329
 Ion Ratio Lower Upper
 75 100
 77 55.2 22.3 41.3#





#59

1,2,3-Trichloropropane

Concen: 6.276 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018275.D

Acq: 17 Sep 2020 13:50

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

Tot Ion: 75 Resp: 15011

Ion Ratio Lower Upper

75 100

77 37.6 25.8 38.6

