

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV103020\
 Data File : VV019177.D
 Acq On : 30 Oct 2020 11:13
 Operator : SY/MD
 Sample : VV1030WBL01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK66

Quant Time: Oct 31 03:03:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 31 02:55:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	232034	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	229649	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	115840	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	69305	37.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.16%
7) Chloroethane-d5	1.58	69	56598	39.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.02%
11) 1,1-Dichloroethene-d2	2.12	63	107715	30.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.42%
21) 2-Butanone-d5	3.91	46	89945	79.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.64%
24) Chloroform-d	4.38	84	141300	41.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.38%
26) 1,2-Dichloroethane-d4	5.06	65	102918	43.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.12%
32) Benzene-d6	5.07	84	271003	41.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.20%
36) 1,2-Dichloropropane-d6	6.09	67	83135	42.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.60%
41) Toluene-d8	7.34	98	254402	40.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.30%
43) trans-1,3-Dichloropropene-	7.64	79	45860	40.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.60%
47) 2-Hexanone-d5	8.11	63	60246	71.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	71.62%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	103105	39.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.74%
64) 1,2-Dichlorobenzene-d4	11.65	152	105119	43.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.38%

Target Compounds

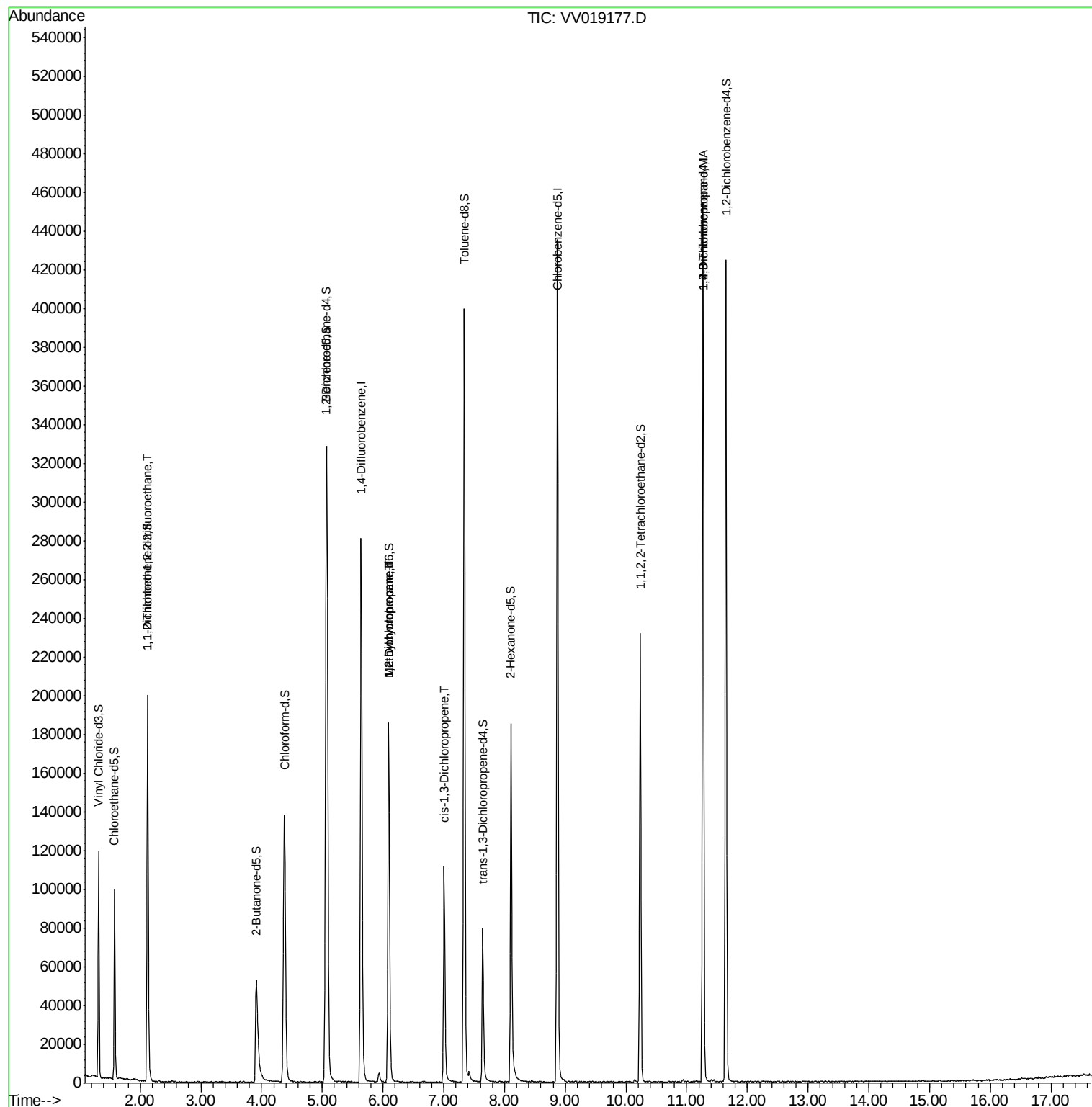
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1007	0.663 ug/L #	17
35) Methylcyclohexane	6.09	83	21604	8.822 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	10508	6.390 ug/L #	85
39) cis-1,3-Dichloropropene	7.01	75	2858	1.052 ug/L #	77
59) 1,2,3-Trichloropropane	11.27	75	12757	5.935 ug/L	90

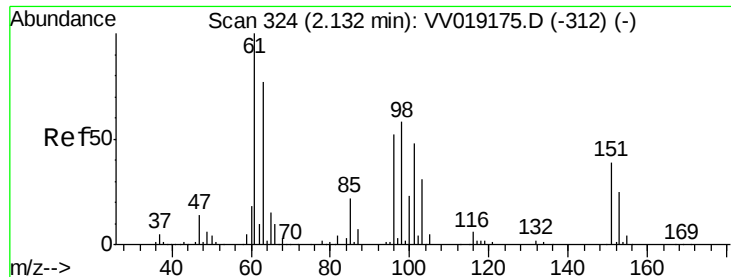
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.663 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019177.D

Acq: 30 Oct 2020 11:13

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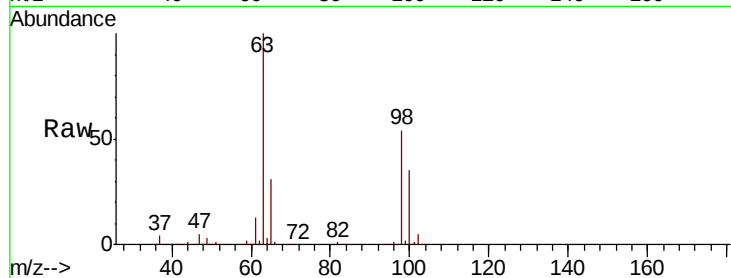
Tot Ion:101 Resp: 1007

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

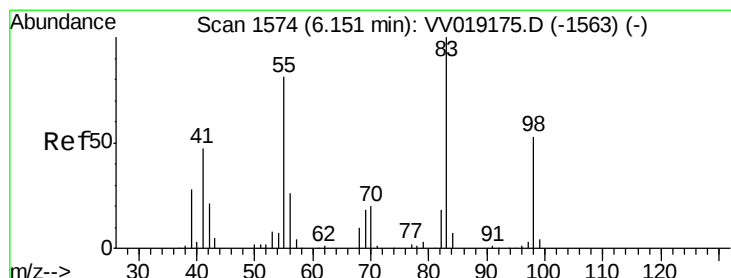
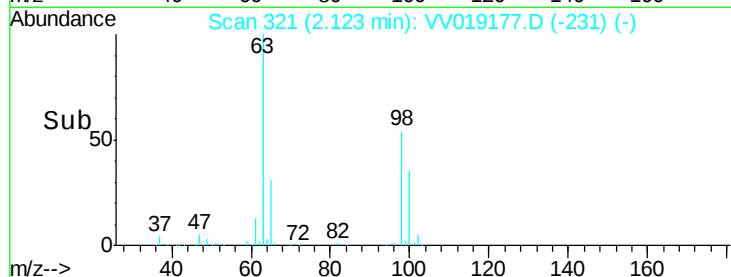
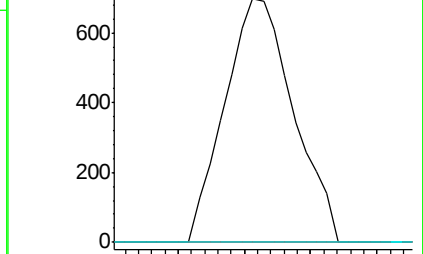
151 0.0 65.0 97.4#



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: 8.822 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV019177.D

Acq: 30 Oct 2020 11:13

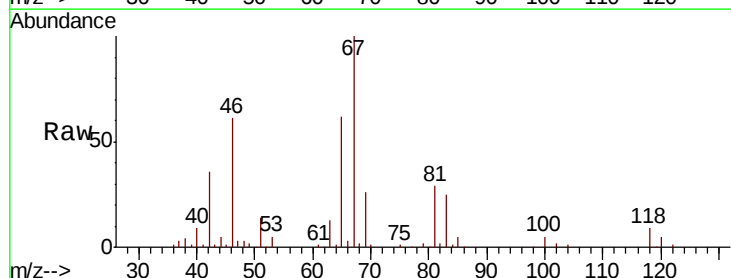
Tgt Ion: 83 Resp: 21604

Ion Ratio Lower Upper

83 100

55 0.0 62.2 93.4#

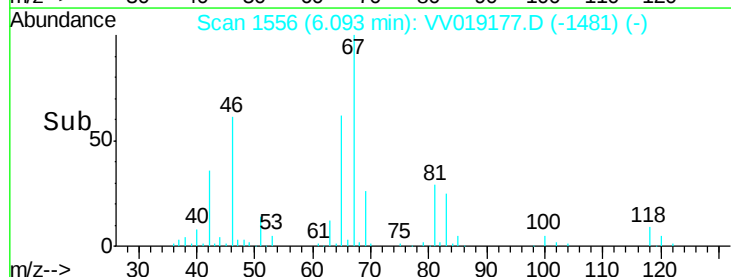
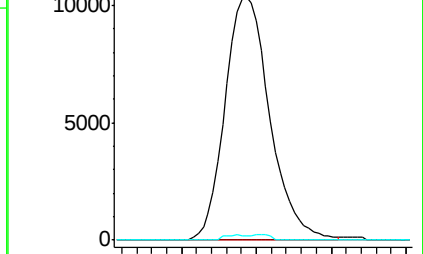
98 1.0 39.4 59.2#

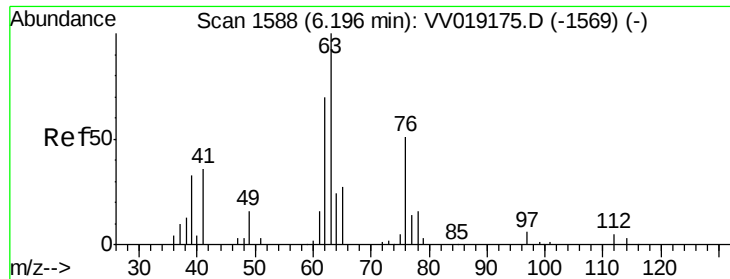


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

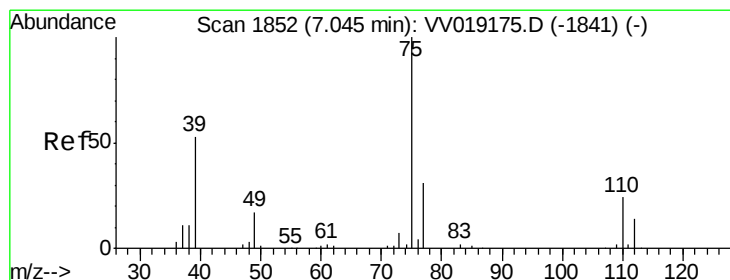
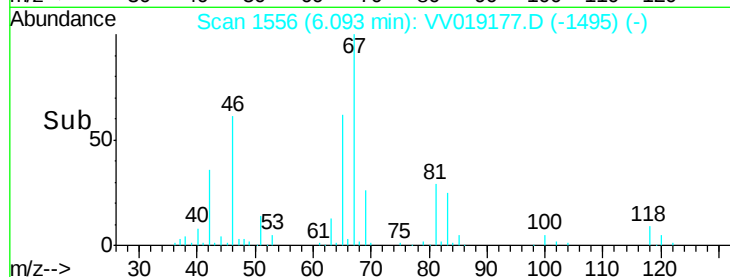
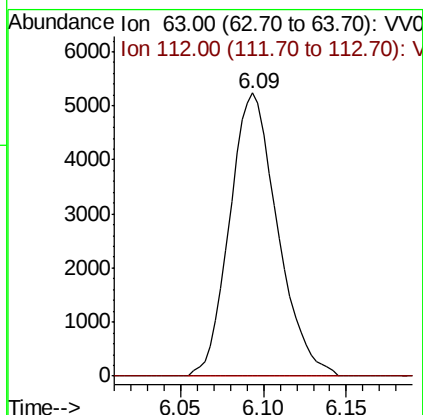
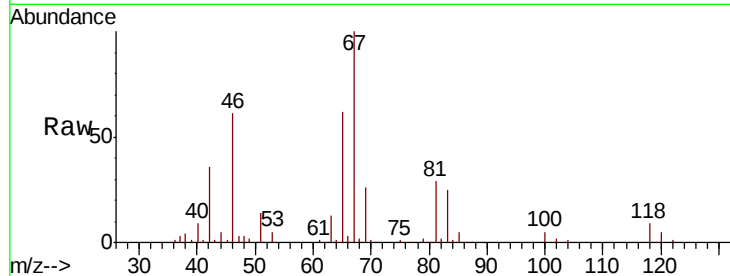




#37
 1,2-Dichloropropane
 Concen: 6.390 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV019177.D
 Acq: 30 Oct 2020 11:13

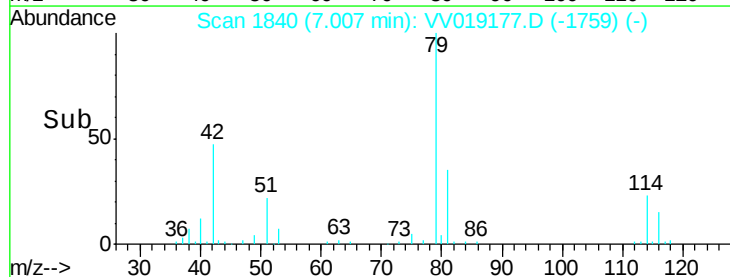
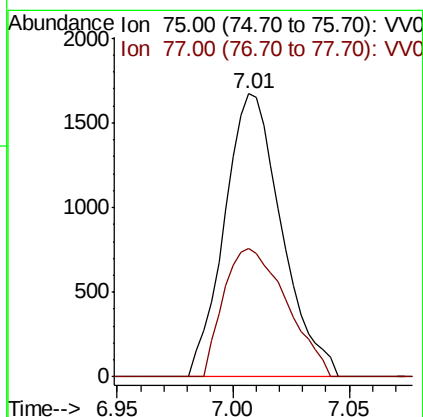
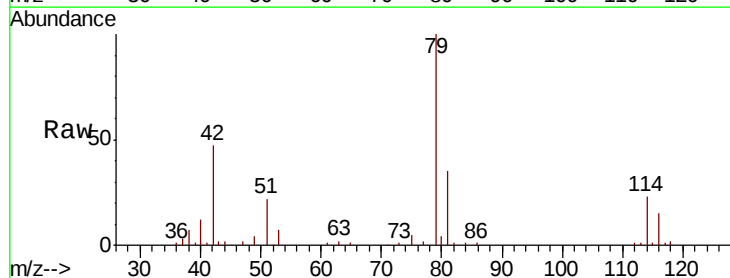
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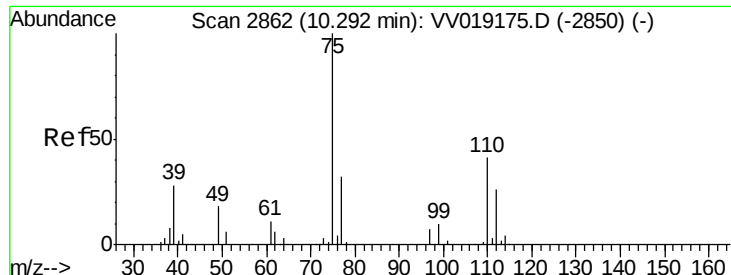
Tot Ion: 63 Resp: 10508
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 1.052 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV019177.D
 Acq: 30 Oct 2020 11:13

Tgt Ion: 75 Resp: 2858
 Ion Ratio Lower Upper
 75 100
 77 45.5 22.7 42.1#





#59
 1,2,3-Trichloropropane
 Concen: 5.935 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV019177.D
 Acq: 30 Oct 2020 11:13

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK66

Tot Ion: 75 Resp: 12757
 Ion Ratio Lower Upper
 75 100
 77 38.5 26.2 39.4

