

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121020\
 Data File : VV019520.D
 Acq On : 10 Dec 2020 19:28
 Operator : SY/MD
 Sample : L4997-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AP2

Quant Time: Dec 11 02:39:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 11 02:38:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	588054	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	548596	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	255932	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	191330	45.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.74%
7) Chloroethane-d5	1.57	69	162328	48.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.62%
11) 1,1-Dichloroethene-d2	2.11	63	291244	37.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.42%
21) 2-Butanone-d5	3.89	46	246393	107.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.50%
24) Chloroform-d	4.35	84	377837	49.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.44%
26) 1,2-Dichloroethane-d4	5.04	65	263062	52.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.94%
32) Benzene-d6	5.05	84	753033	51.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.94%
36) 1,2-Dichloropropane-d6	6.07	67	238876	52.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.24%
41) Toluene-d8	7.32	98	677083	51.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.80%
43) trans-1,3-Dichloropropene-	7.62	79	132041	50.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.30%
47) 2-Hexanone-d5	8.09	63	189116	105.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.13%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	317011	51.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.28%
64) 1,2-Dichlorobenzene-d4	11.63	152	247383	51.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.42%

Target Compounds

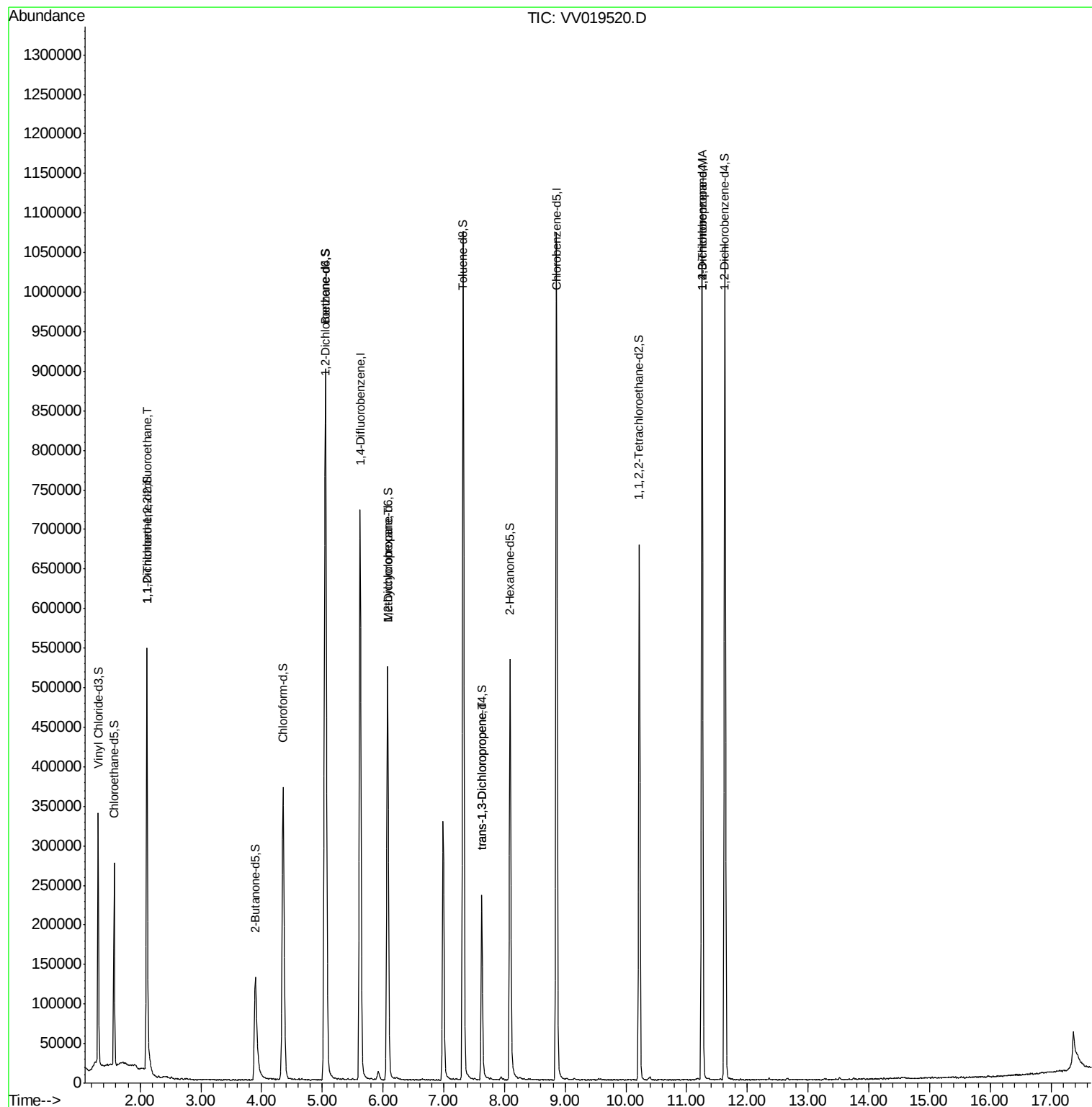
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2858	0.837 ug/L #	25
35) Methylvclvclohexane	6.07	83	59200	9.201 ug/L #	18
44) trans-1,3-Dichloropropene	7.63	75	6611	0.939 ug/L #	77
59) 1,2,3-Trichloropropane	11.25	75	34015	6.531 ug/L	93

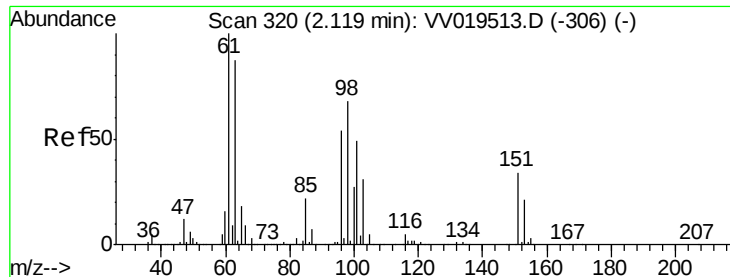
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.837 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

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C0AP2

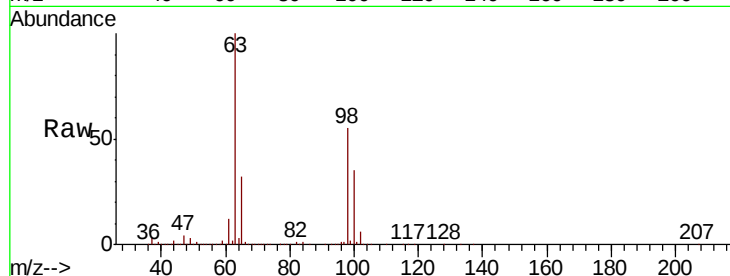
Tot Ion:101 Resp: 2858

Ion Ratio Lower Upper

101 100

85 5.6 35.0 52.4#

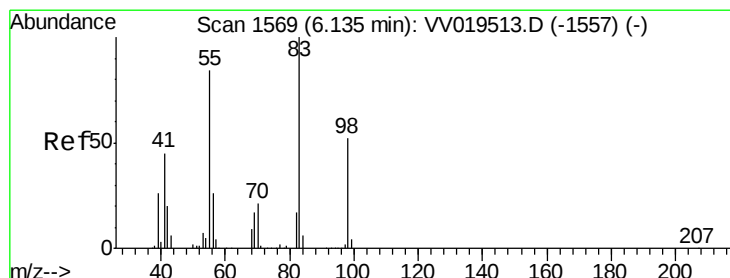
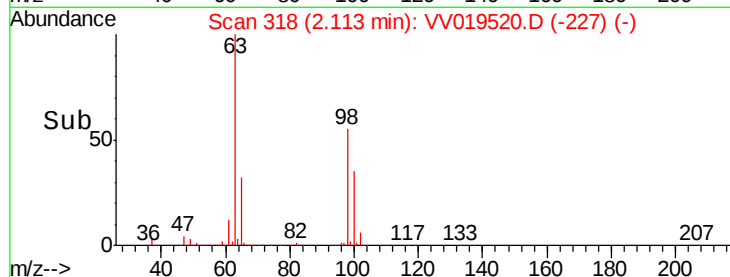
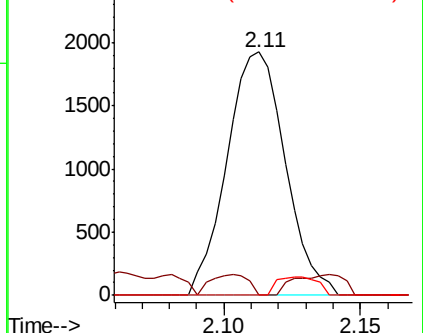
151 0.0 55.8 83.8#



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: 9.201 ug/L

RT: 6.07 min Scan# 1550

Delta R.T. -0.06 min

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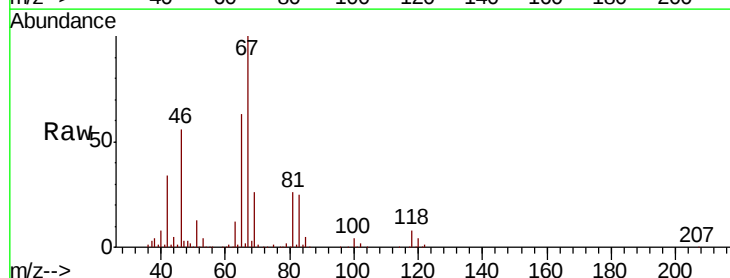
Tgt Ion: 83 Resp: 59200

Ion Ratio Lower Upper

83 100

55 0.7 64.2 96.4#

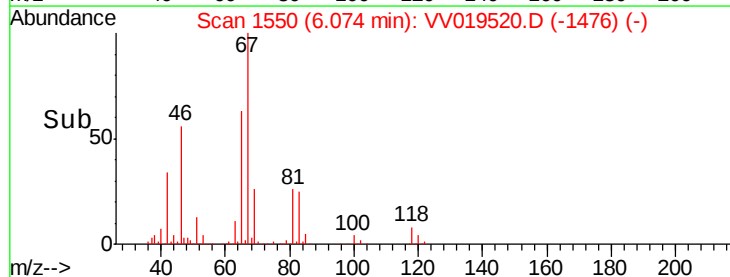
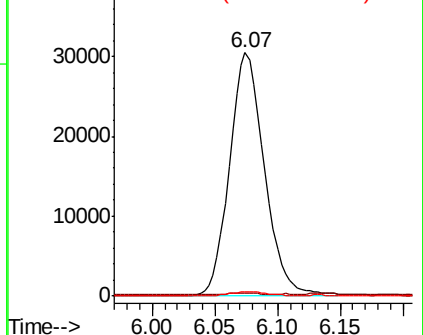
98 1.8 39.3 58.9#

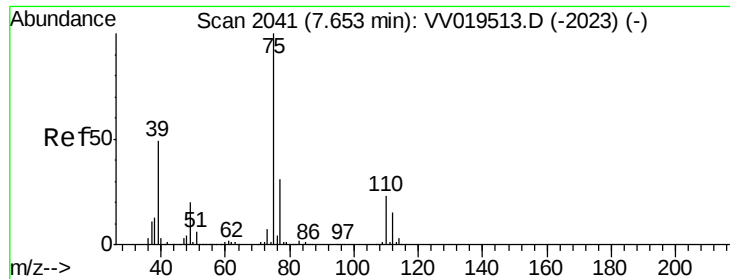


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#44

trans-1,3-Dichloropropene

Concen: 0.939 ug/L

RT: 7.63 min Scan# 2033

Delta R.T. -0.03 min

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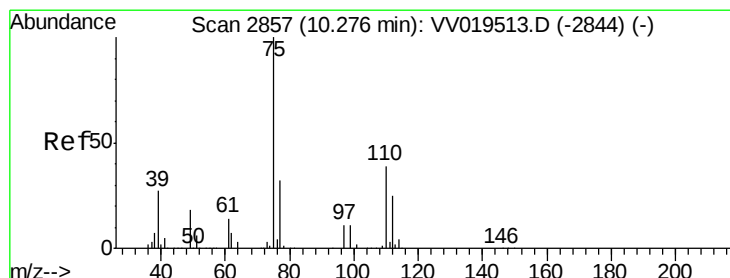
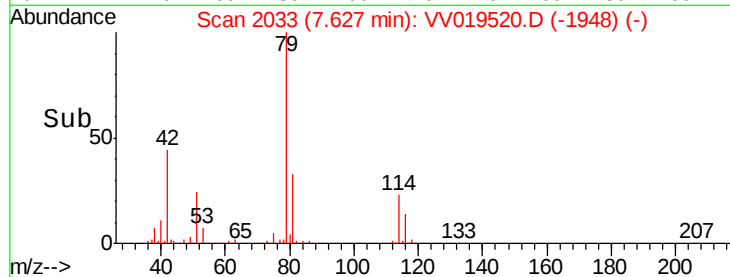
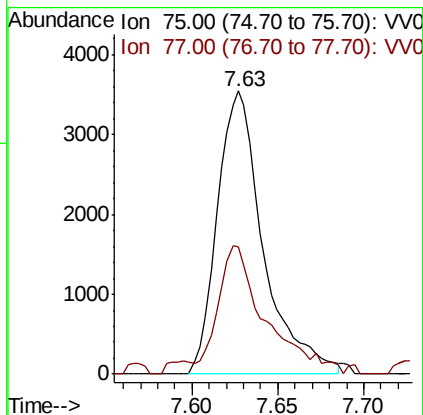
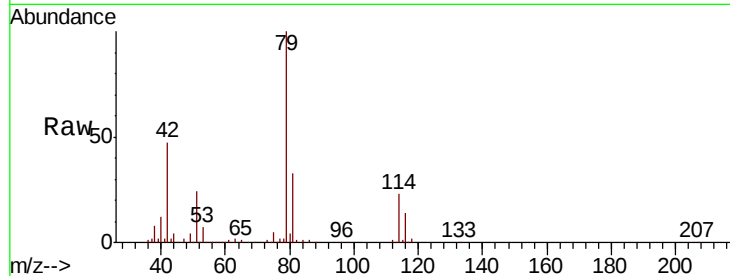
C0AP2

Tot Ion: 75 Resp: 6611

Ion Ratio Lower Upper

75 100

77 44.8 22.5 41.9#



#59

1,2,3-Trichloropropane

Concen: 6.531 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.98 min

Lab File: VV019520.D

Acq: 10 Dec 2020 19:28

Tgt Ion: 75 Resp: 34015

Ion Ratio Lower Upper

75 100

77 36.5 25.8 38.8

