

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102020\
 Data File : VV019026.D
 Acq On : 20 Oct 2020 21:55
 Operator : SY/MD
 Sample : VV1020WBL02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 21 08:04:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 21 07:57:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	282632	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	299445	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	135529	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	123536	53.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.20%
7) Chloroethane-d5	1.58	69	103323	56.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.10%
11) 1,1-Dichloroethene-d2	2.12	63	183115	41.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.38%
21) 2-Butanone-d5	3.92	46	149807	92.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.38%
24) Chloroform-d	4.38	84	195000	46.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.30%
26) 1,2-Dichloroethane-d4	5.06	65	140144	50.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.02%
32) Benzene-d6	5.08	84	386611	44.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.46%
36) 1,2-Dichloropropane-d6	6.09	67	124604	44.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.16%
41) Toluene-d8	7.34	98	341510	43.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.10%
43) trans-1,3-Dichloropropene-	7.64	79	57520	42.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.20%
47) 2-Hexanone-d5	8.11	63	86944	83.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.74%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	128704	39.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	139421	50.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.12%

Target Compounds

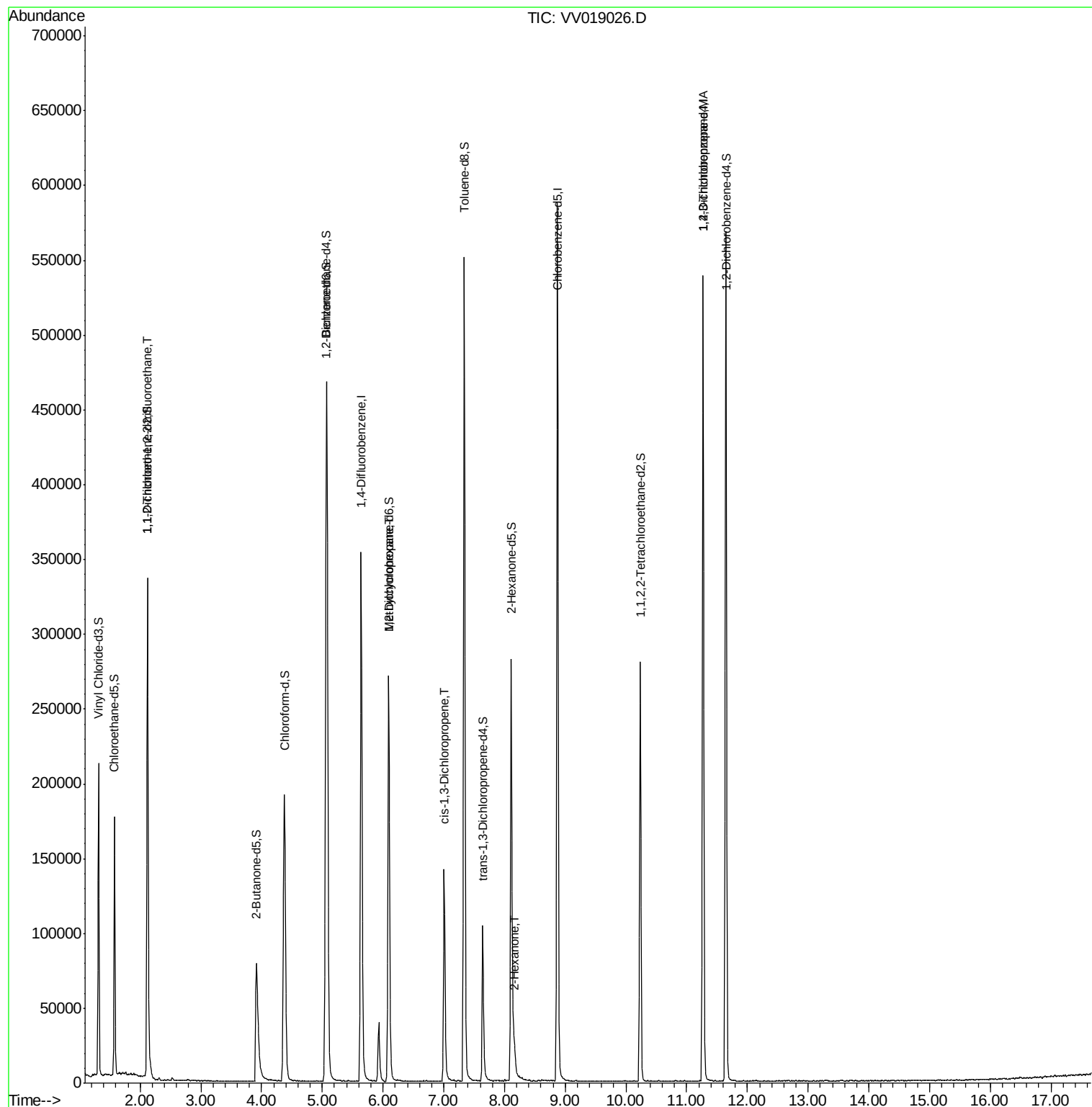
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1721	0.939 ug/L #	22
35) Methylcyclohexane	6.09	83	30362	9.471 ug/L #	16
39) cis-1,3-Dichloropropene	7.01	75	3873	1.049 ug/L #	78
48) 2-Hexanone	8.16	43	12718	4.733 ug/L #	81
59) 1,2,3-Trichloropropane	11.27	75	16096	5.411 ug/L	90

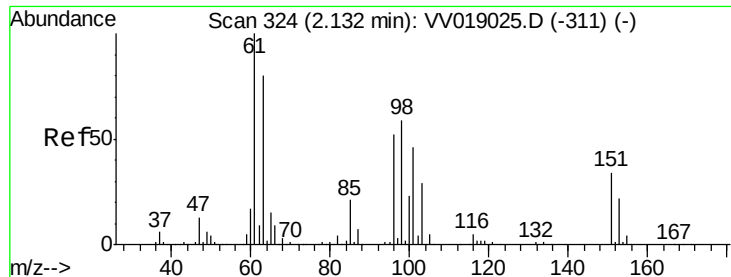
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.939 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019026.D

Acq: 20 Oct 2020 21:55

Instrument :

MSVOA_V

ClientSampled :

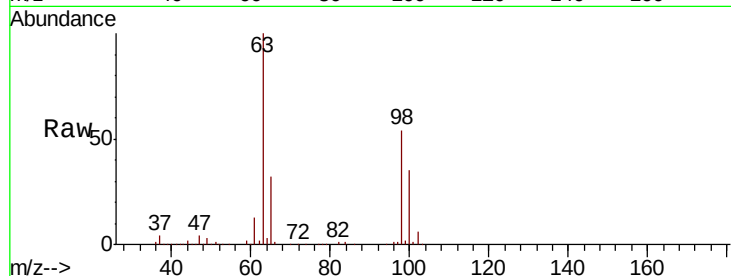
Tot Ion:101 Resp: 1721

Ion Ratio Lower Upper

101 100

85 3.7 35.0 52.4#

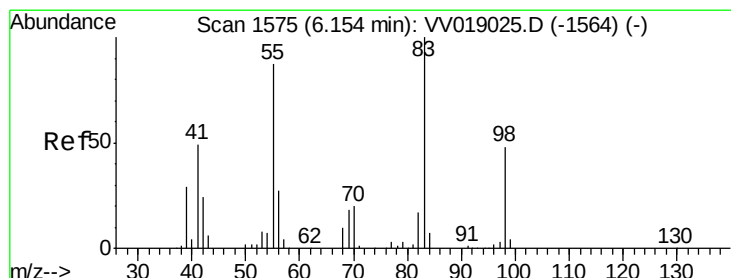
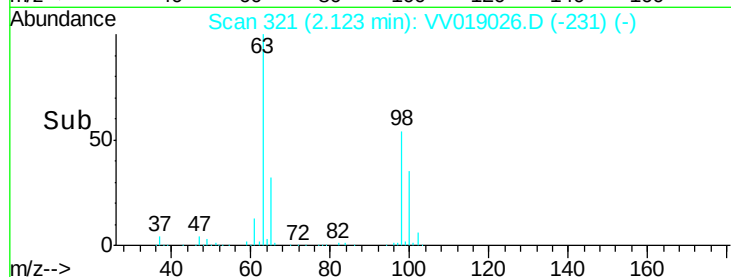
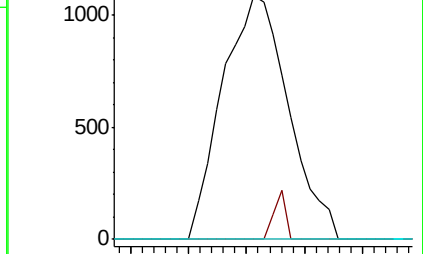
151 0.0 59.7 89.5#



Abundance Ion 101.00 (100.70 to 101.70): VV019025.D (-311) (-)

Ion 85.00 (84.70 to 85.70): VV019025.D (-311) (-)

Ion 151.00 (150.70 to 151.70): VV019025.D (-311) (-)



#35

Methylcyclohexane

Concen: 9.471 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV019026.D

Acq: 20 Oct 2020 21:55

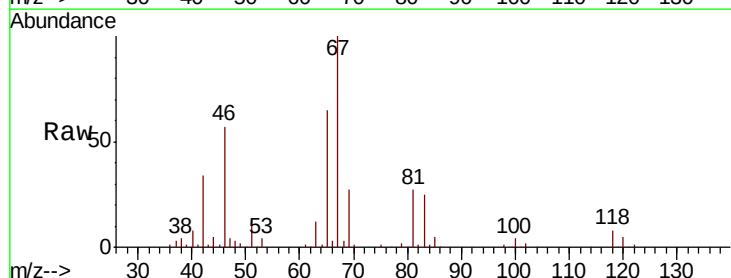
Tgt Ion: 83 Resp: 30362

Ion Ratio Lower Upper

83 100

55 0.1 67.3 100.9#

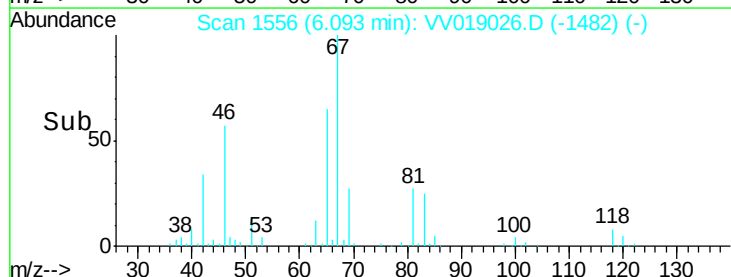
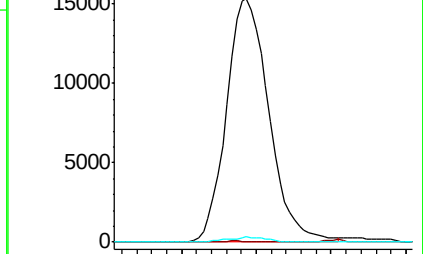
98 1.9 37.9 56.9#

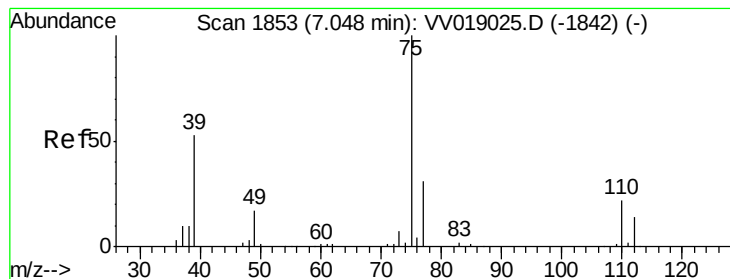


Abundance Ion 83.00 (82.70 to 83.70): VV019025.D (-1564) (-)

Ion 55.00 (54.70 to 55.70): VV019025.D (-1564) (-)

Ion 98.00 (97.70 to 98.70): VV019025.D (-1564) (-)





#39

cis-1,3-Dichloropropene

Concen: 1.049 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV019026.D

Acq: 20 Oct 2020 21:55

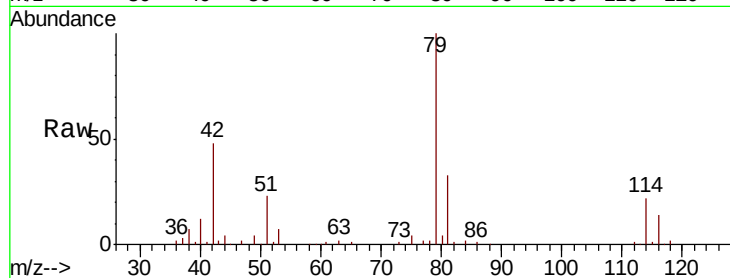
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 3873

Ion Ratio Lower Upper

75 100

77 44.6 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VV019025.D (-1842) (-)

Ion 77.00 (76.70 to 77.70): VV019025.D (-1842) (-)

7.01

2000

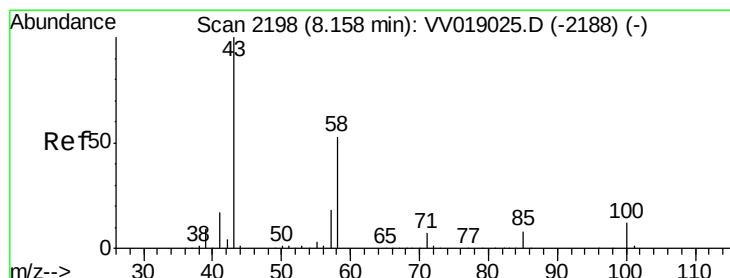
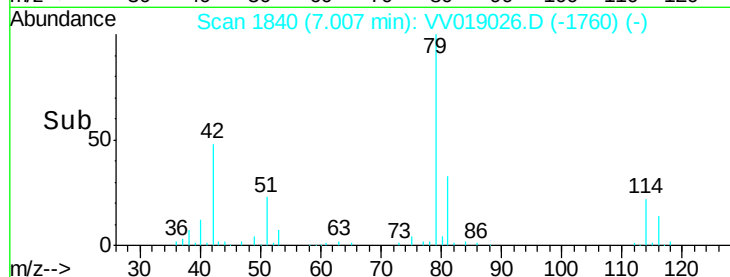
1500

1000

500

0

Time--> 6.95 7.00 7.05



#48

2-Hexanone

Concen: 4.733 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV019026.D

Acq: 20 Oct 2020 21:55

Tgt Ion: 43 Resp: 12718

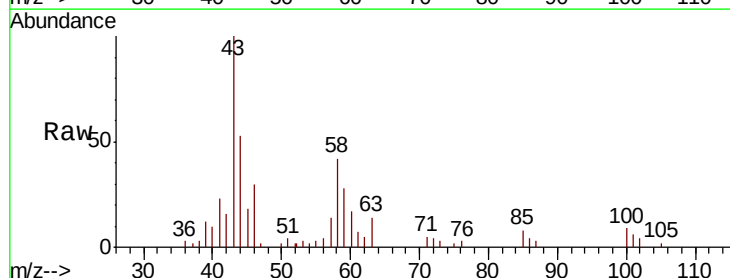
Ion Ratio Lower Upper

43 100

58 41.4 42.5 63.7#

57 2.5 14.5 21.7#

100 9.4 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VV019025.D (-2188) (-)

Ion 58.00 (57.70 to 58.70): VV019025.D (-2188) (-)

Ion 57.00 (56.70 to 57.70): VV019025.D (-2188) (-)

Ion 100.00 (99.70 to 100.70): VV019025.D (-2188) (-)

10000

8000

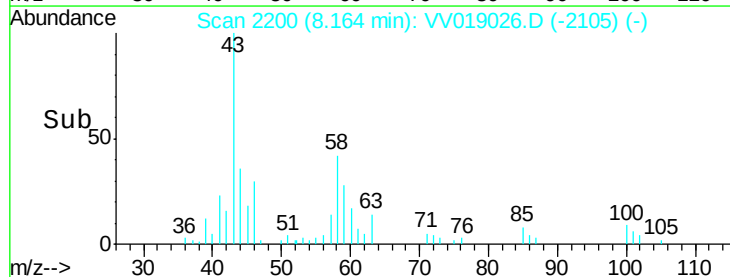
6000

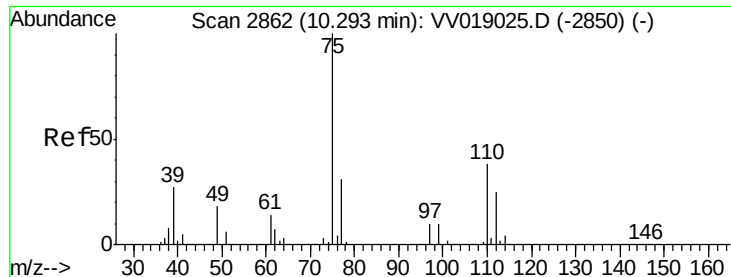
4000

2000

0

Time--> 8.10 8.15 8.20 8.25





#59

1,2,3-Trichloropropane

Concen: 5.411 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019026.D

Acq: 20 Oct 2020 21:55

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 16096

Ion Ratio Lower Upper

75 100

77 37.3 25.4 38.2

