

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072220\
 Data File : VV017583.D
 Acq On : 22 Jul 2020 11:51
 Operator : SY/MD
 Sample : L3314-05DL 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4C30DL

Quant Time: Jul 23 05:25:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 23 05:23:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	318449	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	302336	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	144706	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88066	45.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.64%
7) Chloroethane-d5	1.58	69	64337	48.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.32%
11) 1,1-Dichloroethene-d2	2.12	63	167878	42.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.86%
21) 2-Butanone-d5	3.91	46	140562	94.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.56%
24) Chloroform-d	4.38	84	210771	47.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.44%
26) 1,2-Dichloroethane-d4	5.06	65	149205	48.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.58%
32) Benzene-d6	5.07	84	392267	48.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.18%
36) 1,2-Dichloropropane-d6	6.09	67	119374	49.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.52%
41) Toluene-d8	7.34	98	362931	47.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.26%
43) trans-1,3-Dichloropropene-	7.64	79	64279	45.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.64%
47) 2-Hexanone-d5	8.11	63	102363	92.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.13%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	160874	46.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.32%
64) 1,2-Dichlorobenzene-d4	11.65	152	154453	51.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.94%

Target Compounds

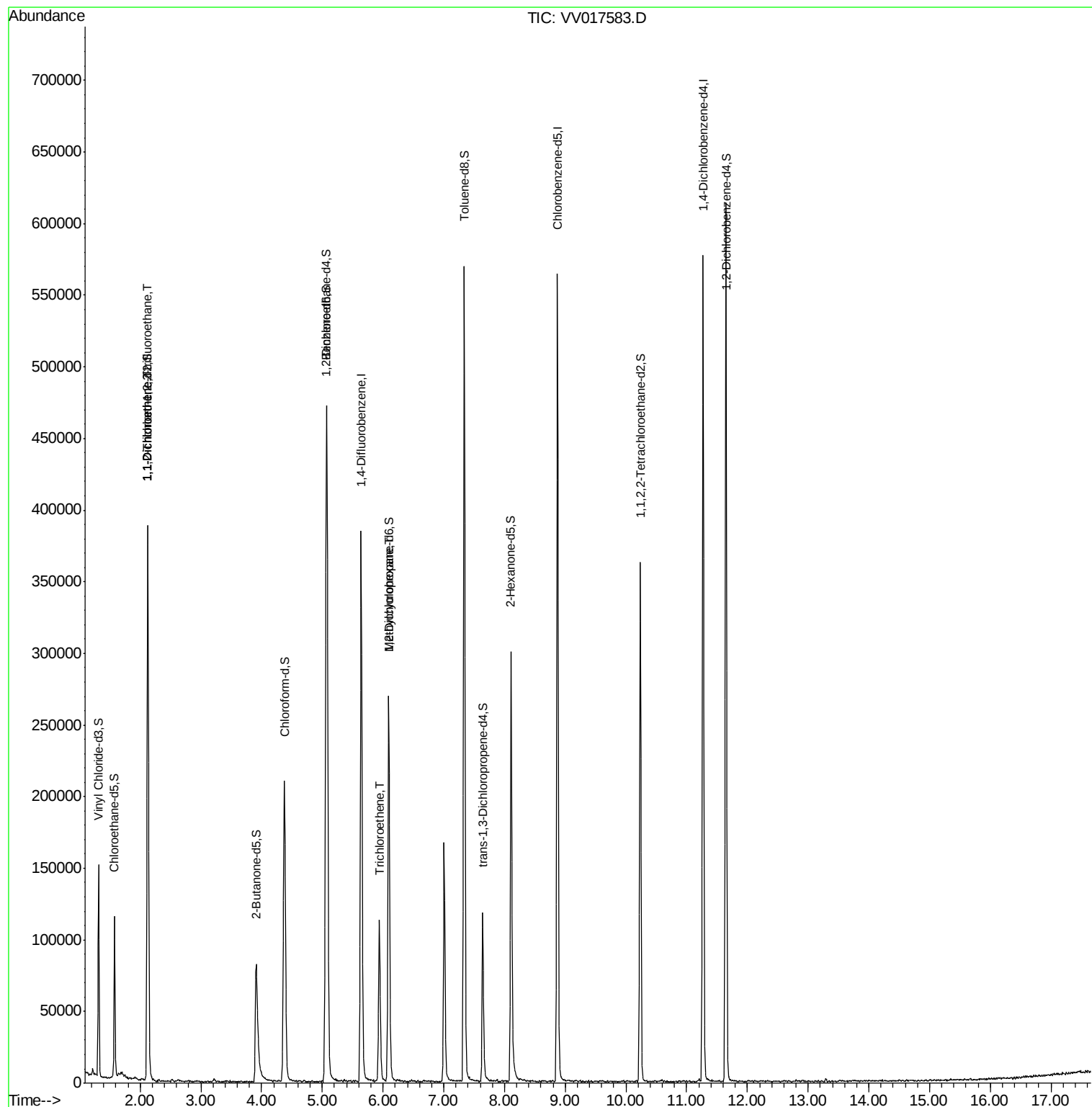
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2411	1.229 ug/L #	34
12) 1,1-Dichloroethene	2.13	96	58325	32.092 ug/L #	78
34) Trichloroethene	5.94	95	37821	15.452 ug/L	94
35) Methylcyclohexane	6.09	83	31694	8.288 ug/L #	18

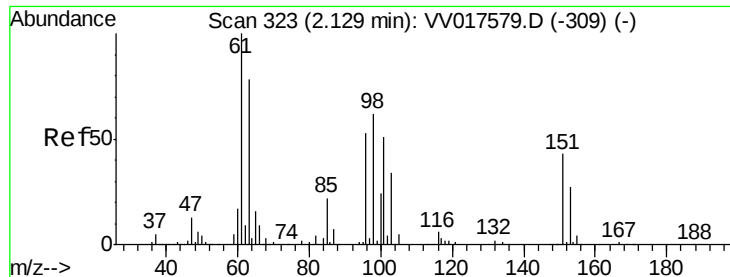
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 1.229 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV017583.D

Acq: 22 Jul 2020 11:51

Instrument :

MSVOA_V

ClientSampleId :

F4C30DL

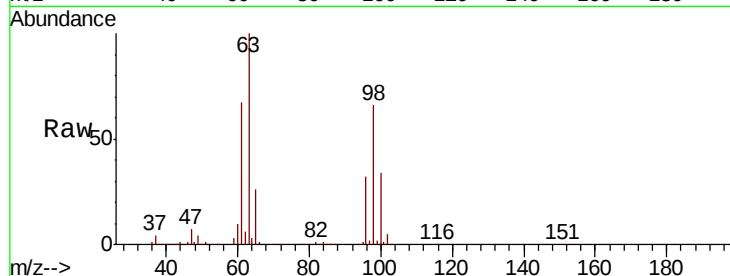
Tot Ion:101 Resp: 2411

Ion Ratio Lower Upper

101 100

85 13.2 35.1 52.7#

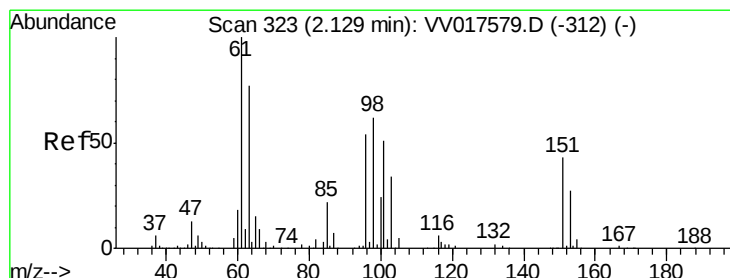
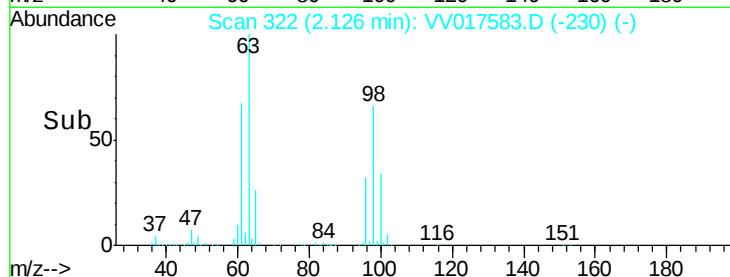
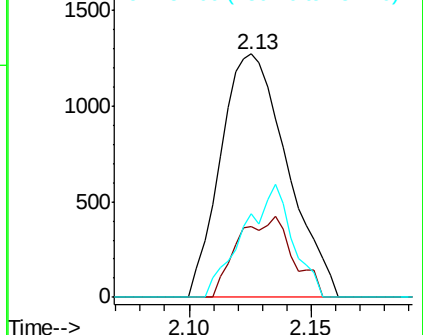
151 15.2 67.0 100.4#



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



#12

1,1-Dichloroethene

Concen: 32.092 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV017583.D

Acq: 22 Jul 2020 11:51

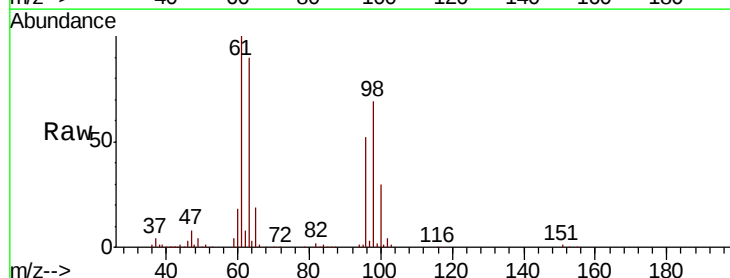
Tgt Ion: 96 Resp: 58325

Ion Ratio Lower Upper

96 100

61 191.7 124.5 231.3

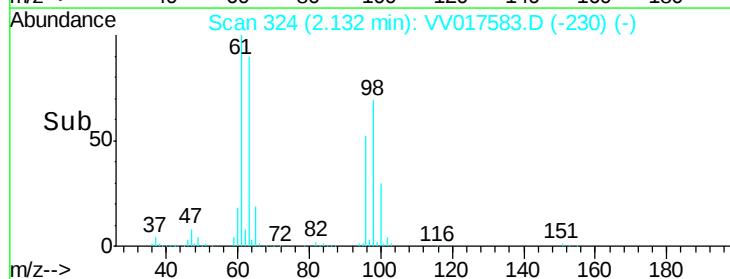
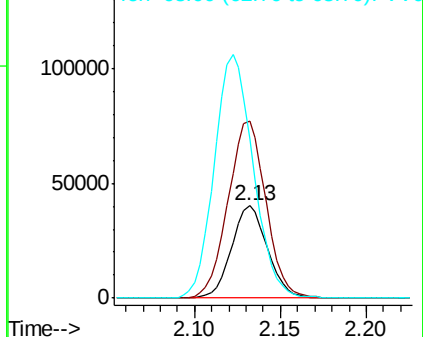
63 172.4 89.0 165.4#

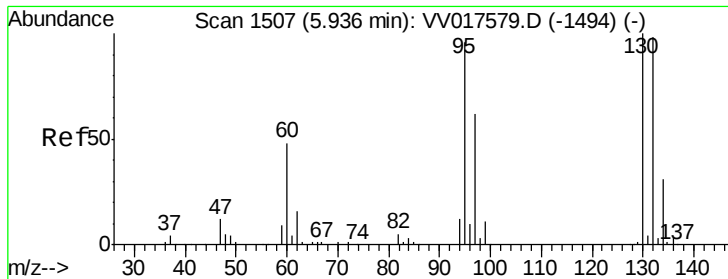


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#34

Trichloroethene

Concen: 15.452 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017583.D

Acq: 22 Jul 2020 11:51

Instrument :

MSVOA_V

ClientSampleId :

F4C30DL

Tot Ion: 95 Resp: 37821

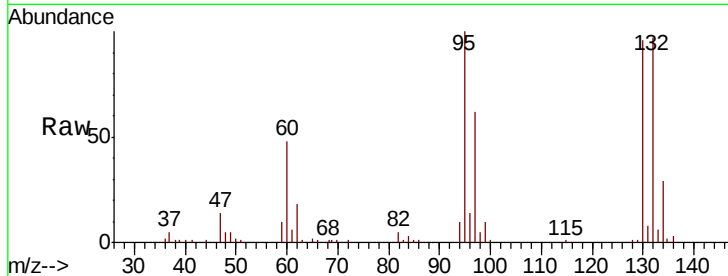
Ion Ratio Lower Upper

95 100

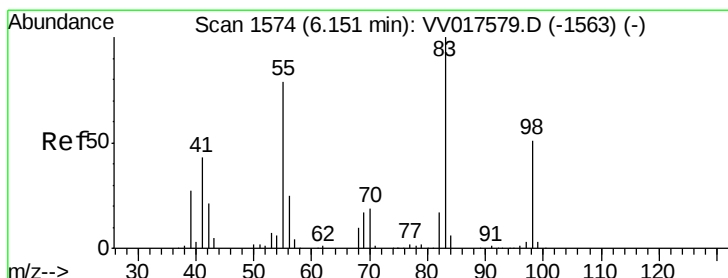
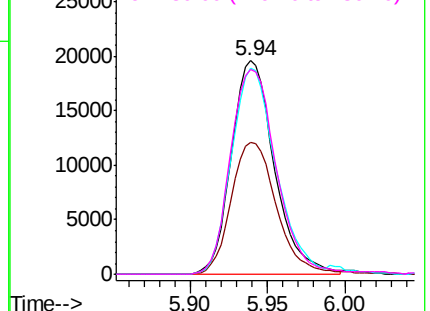
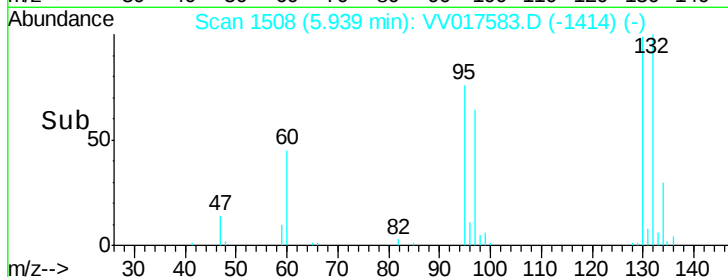
97 61.7 45.8 85.2

132 96.8 70.3 130.5

130 95.8 72.9 135.3



Abundance Ion 95.00 (94.70 to 95.70): VV017579.D (-1494) (-)



#35

Methylcyclohexane

Concen: 8.288 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV017583.D

Acq: 22 Jul 2020 11:51

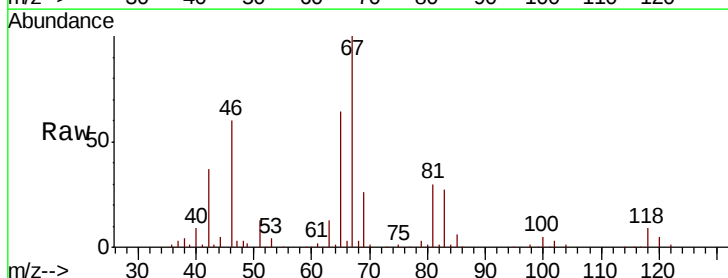
Tgt Ion: 83 Resp: 31694

Ion Ratio Lower Upper

83 100

55 0.3 61.7 92.5#

98 0.3 39.3 58.9#



Abundance Ion 83.00 (82.70 to 83.70): VV017579.D (-1563) (-)

