

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121420\
 Data File : VV019610.D
 Acq On : 14 Dec 2020 17:29
 Operator : SY/MD
 Sample : VIBLK74
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK74

Quant Time: Dec 15 07:23:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 15 07:21:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	642572	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	599708	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	277469	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	213548	46.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.70%
7) Chloroethane-d5	1.57	69	183403	50.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.94%
11) 1,1-Dichloroethene-d2	2.11	63	314927	36.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.66%
21) 2-Butanone-d5	3.90	46	277638	110.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.86%
24) Chloroform-d	4.35	84	410729	49.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.92%
26) 1,2-Dichloroethane-d4	5.04	65	280726	51.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.46%
32) Benzene-d6	5.05	84	811421	50.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.46%
36) 1,2-Dichloropropane-d6	6.07	67	259271	51.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.50%
41) Toluene-d8	7.32	98	714860	49.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.28%
43) trans-1,3-Dichloropropene-	7.62	79	129145	45.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.64%
47) 2-Hexanone-d5	8.09	63	198885	101.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.14%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	344412	50.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.64%
64) 1,2-Dichlorobenzene-d4	11.63	152	261738	50.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.92%

Target Compounds

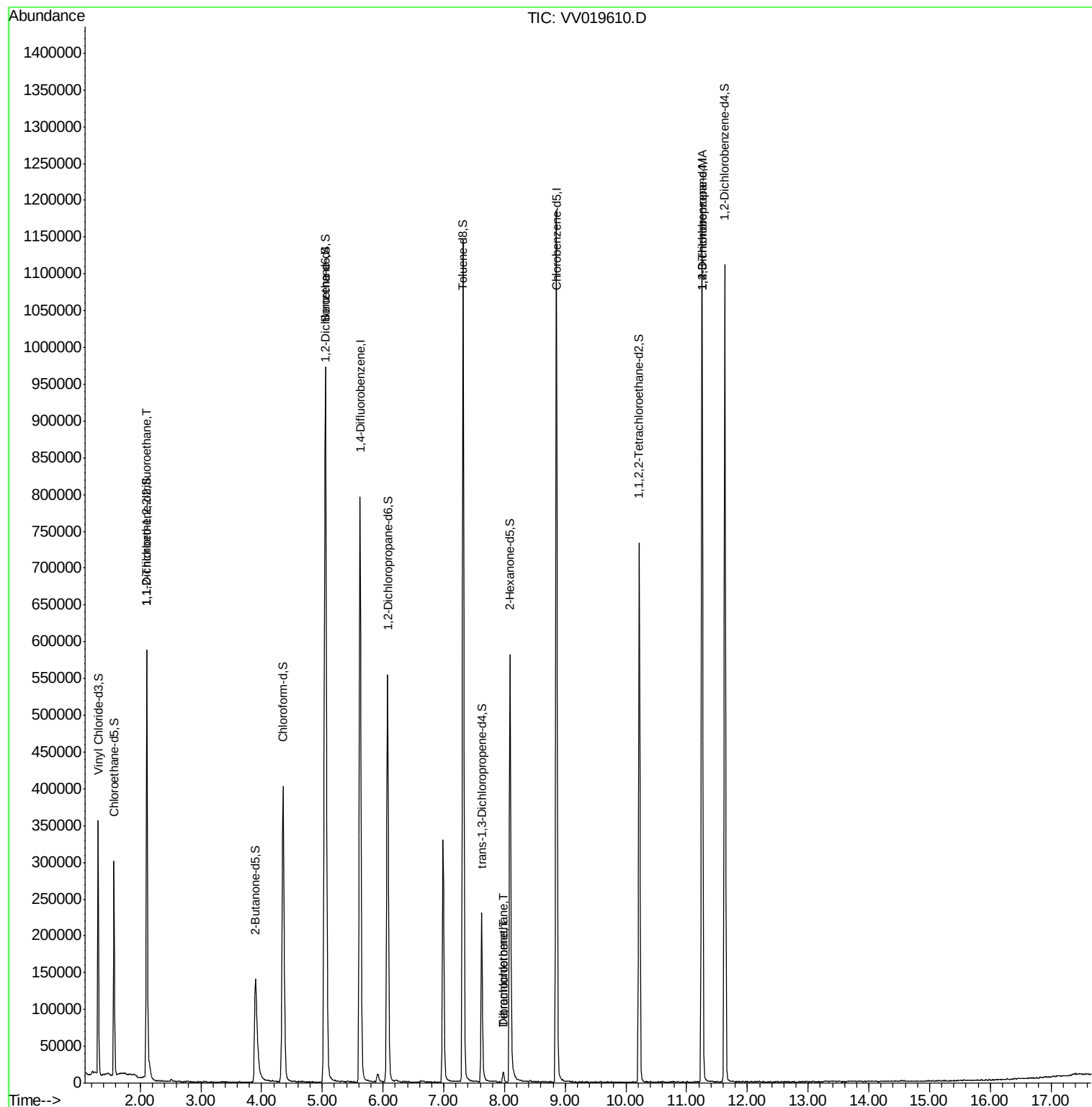
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2783	0.746 ug/L #	22
46) Tetrachloroethene	7.98	164	2776	0.866 ug/L	88
49) Dibromochloromethane	7.98	129	3035	0.638 ug/L #	11
59) 1,2,3-Trichloropropane	11.25	75	36399	6.393 ug/L #	87

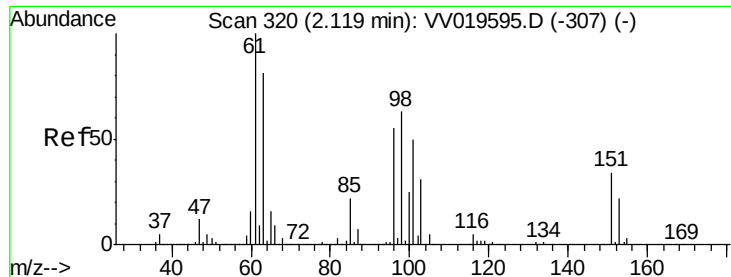
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.746 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV019610.D

Acq: 14 Dec 2020 17:29

Instrument :

MSVOA_V

ClientSampleId :

VIBLK74

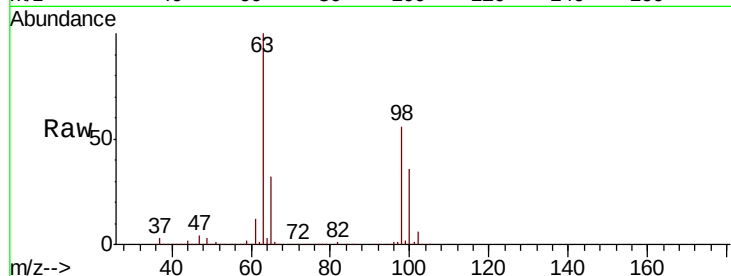
Tot Ion:101 Resp: 2783

Ion Ratio Lower Upper

101 100

85 1.6 35.0 52.4#

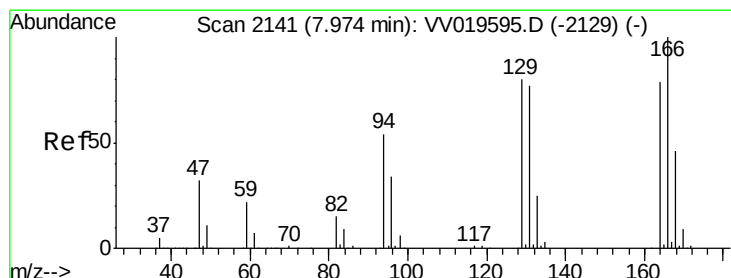
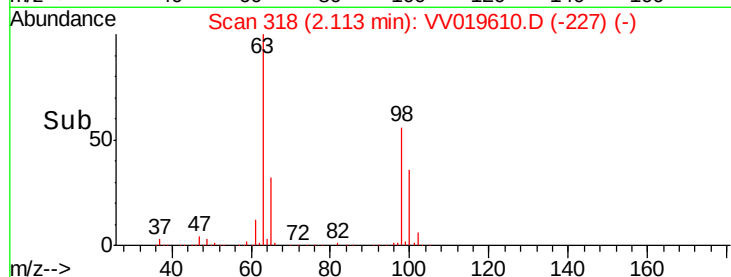
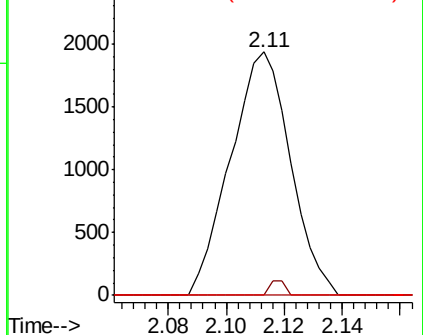
151 0.0 55.8 83.8#



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



#46

Tetrachloroethene

Concen: 0.866 ug/L

RT: 7.98 min Scan# 2142

Delta R.T. 0.00 min

Lab File: VV019610.D

Acq: 14 Dec 2020 17:29

Tgt Ion:164 Resp: 2776

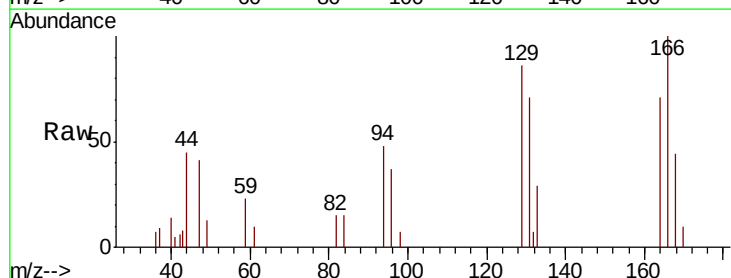
Ion Ratio Lower Upper

164 100

129 120.4 70.6 131.0

131 99.1 68.0 126.4

166 140.0 86.9 161.5

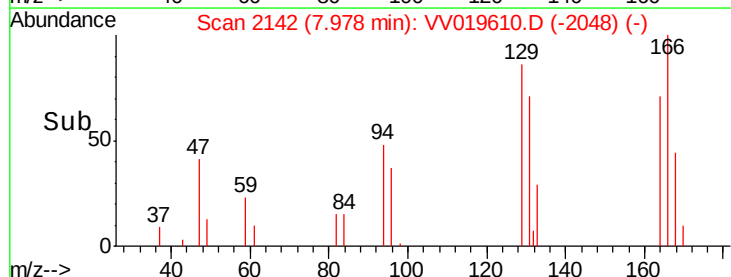
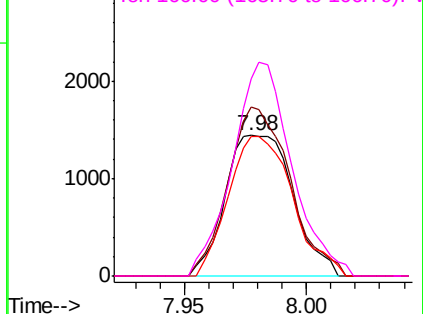


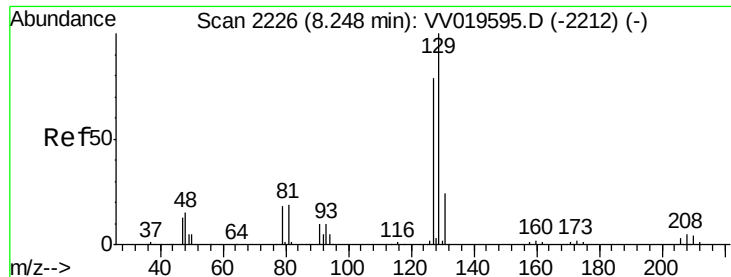
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V





#49

Dibromochloromethane

Concen: 0.638 ug/L

RT: 7.98 min Scan# 2142

Delta R.T. -0.27 min

Lab File: VV019610.D

Acq: 14 Dec 2020 17:29

Instrument :

MSVOA_V

ClientSampled :

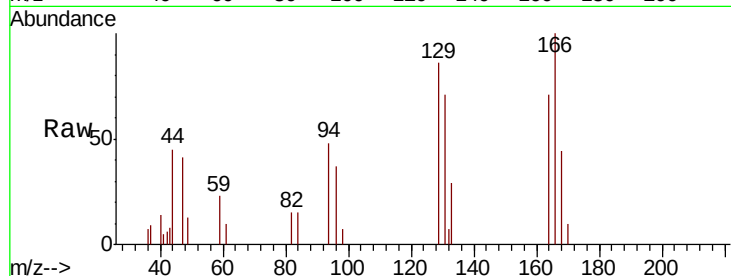
VIBLK74

Tot Ion:129 Resp: 3035

Ion Ratio Lower Upper

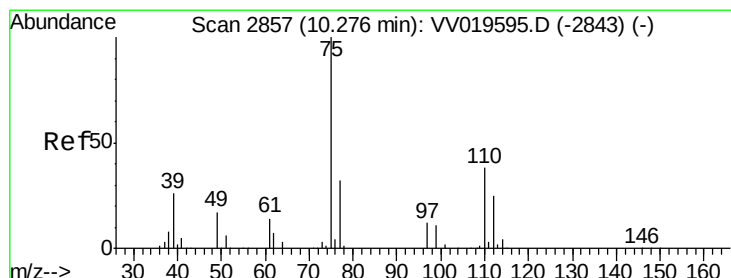
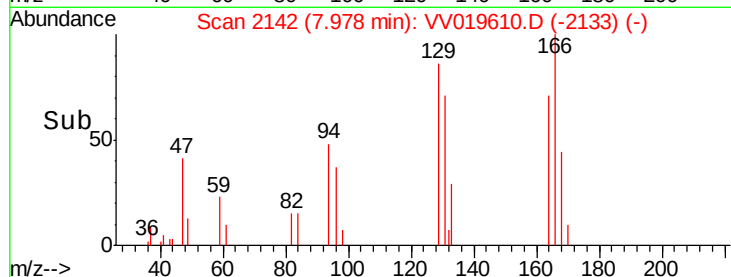
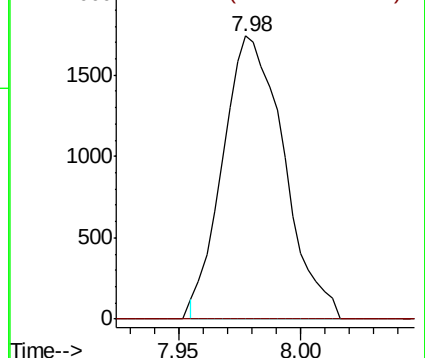
129 100

127 0.0 54.2 100.6#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 6.393 ug/L

RT: 11.25 min Scan# 3160

Delta R.T. 0.97 min

Lab File: VV019610.D

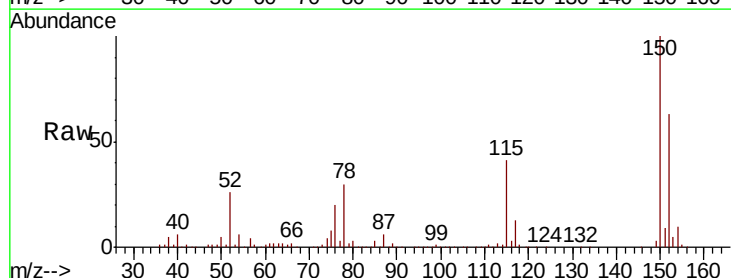
Acq: 14 Dec 2020 17:29

Tgt Ion: 75 Resp: 36399

Ion Ratio Lower Upper

75 100

77 39.6 25.8 38.8#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

