

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102220\
 Data File : VV019082.D
 Acq On : 22 Oct 2020 20:58
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK67

Quant Time: Oct 23 06:34:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 22 13:54:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	300609	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	293263	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	136373	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	121578	44.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.04%
7) Chloroethane-d5	1.58	69	103457	47.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.14%
11) 1,1-Dichloroethene-d2	2.12	63	187462	36.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.30%
21) 2-Butanone-d5	3.92	46	164516	89.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.57%
24) Chloroform-d	4.38	84	215957	45.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.42%
26) 1,2-Dichloroethane-d4	5.06	65	151252	47.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.20%
32) Benzene-d6	5.07	84	420541	46.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.76%
36) 1,2-Dichloropropane-d6	6.09	67	137235	47.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.46%
41) Toluene-d8	7.34	98	371034	46.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.50%
43) trans-1,3-Dichloropropene-	7.64	79	67361	45.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.48%
47) 2-Hexanone-d5	8.11	63	116236	92.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.00%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	174066	45.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.02%
64) 1,2-Dichlorobenzene-d4	11.65	152	141371	49.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.84%

Target Compounds

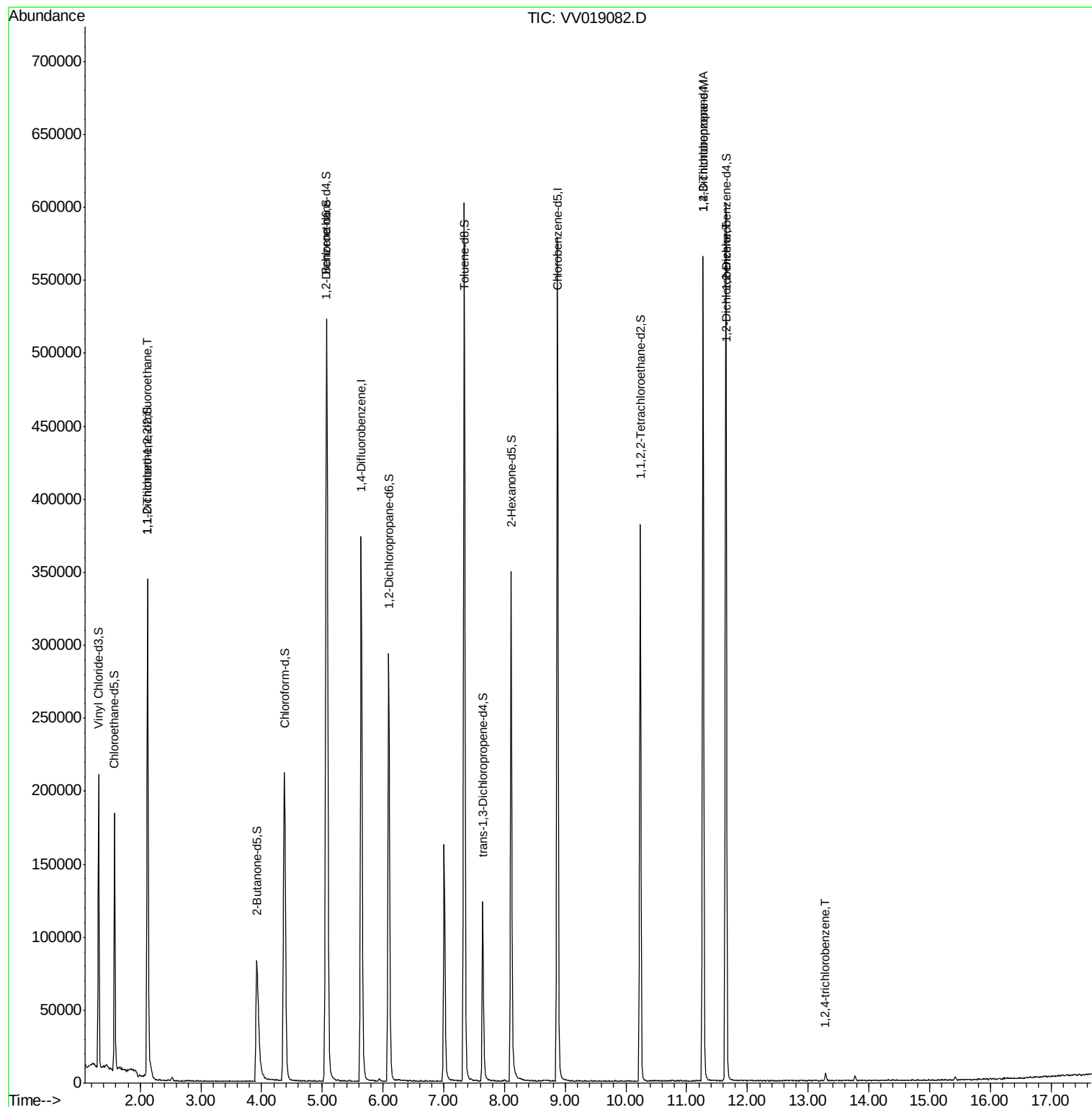
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1463	0.729 ug/L #	20
59) 1,2,3-Trichloropropane	11.27	75	17783	6.153 ug/L	90
65) 1,2-Dichlorobenzene	11.66	146	3005	0.728 ug/L #	86
68) 1,2,4-trichlorobenzene	13.29	180	1873	0.711 ug/L	97

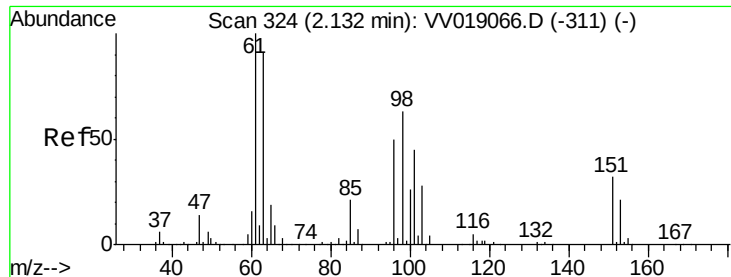
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.729 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019082.D

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VIBLK67

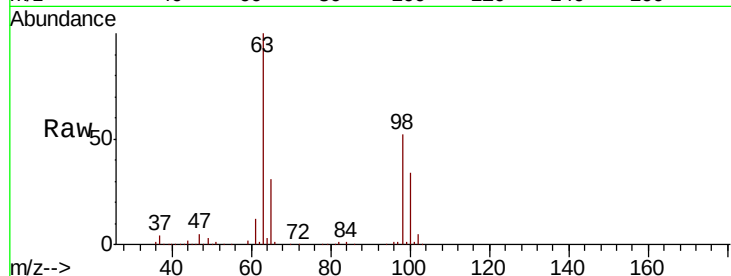
Tot Ion:101 Resp: 1463

Ion Ratio Lower Upper

101 100

85 0.0 36.9 55.3#

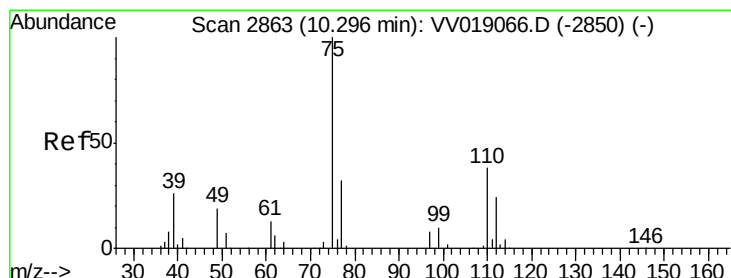
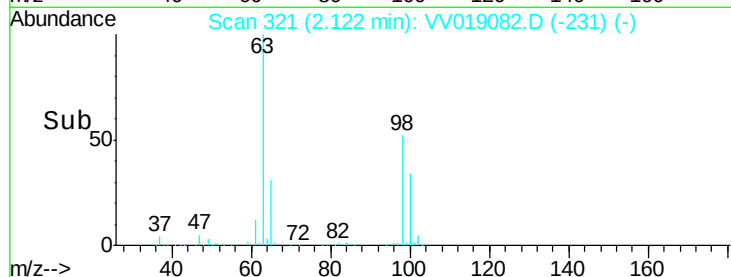
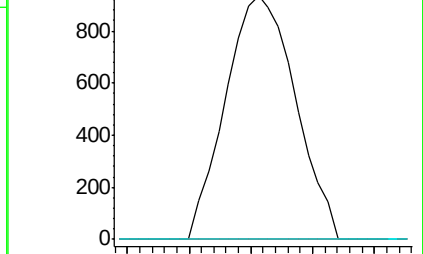
151 0.0 58.2 87.2#



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



#59

1,2,3-Trichloropropane

Concen: 6.153 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV019082.D

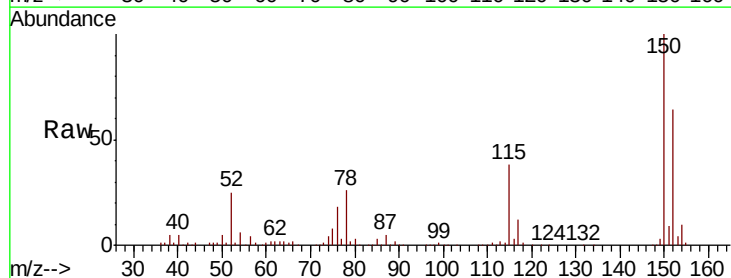
Acq: 22 Oct 2020 20:58

Tgt Ion: 75 Resp: 17783

Ion Ratio Lower Upper

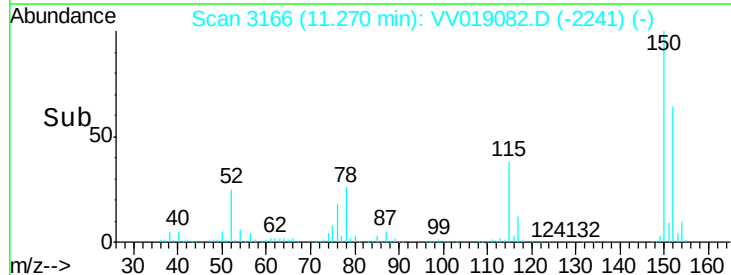
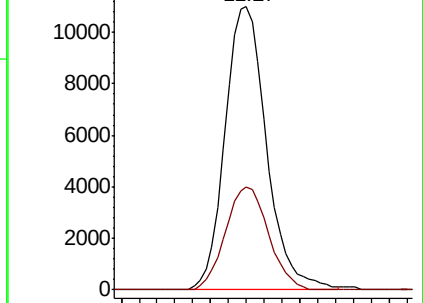
75 100

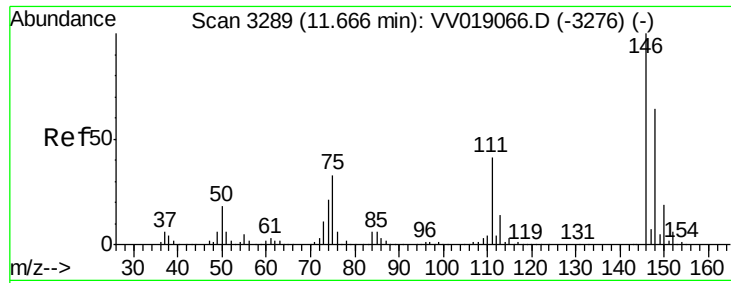
77 37.8 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

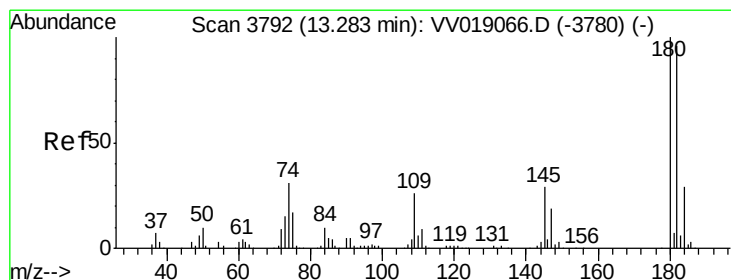
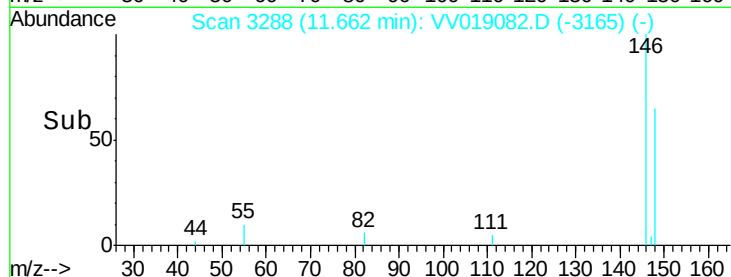
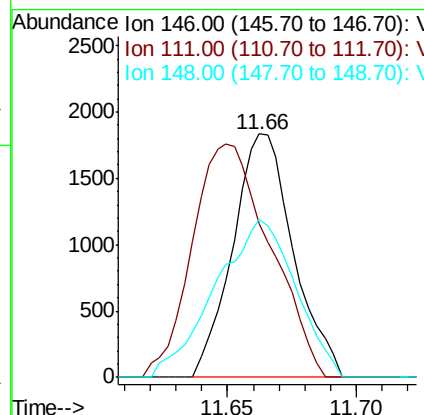
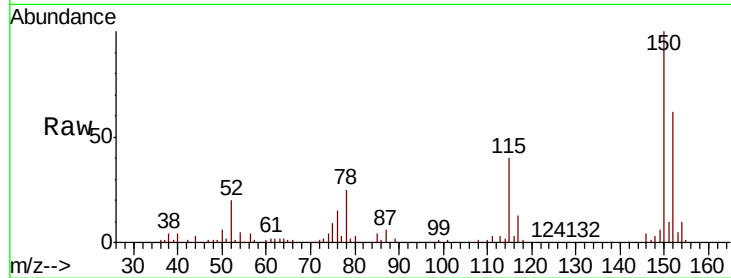




#65
 1,2-Dichlorobenzene
 Concen: 0.728 ug/L
 RT: 11.66 min Scan# 3288
 Delta R.T. -0.00 min
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Tot Ion:146 Resp: 3005
 Ion Ratio Lower Upper
 146 100
 111 63.2 33.3 49.9#
 148 65.0 51.1 76.7



#68
 1,2,4-trichlorobenzene
 Concen: 0.711 ug/L
 RT: 13.29 min Scan# 3794
 Delta R.T. 0.01 min
 Lab File: VV019082.D
 Acq: 22 Oct 2020 20:58

Tgt Ion:180 Resp: 1873
 Ion Ratio Lower Upper
 180 100
 182 93.8 77.4 116.2
 145 30.2 23.7 35.5

