

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121220\
 Data File : VV019546.D
 Acq On : 12 Dec 2020 11:00
 Operator : SY/MD
 Sample : VV1212MBL01
 Misc : 5.0µ/5.0mL/100µL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFB64

Quant Time: Dec 13 04:38:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 13 04:37:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	667509	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	617529	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	279436	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	205046	42.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.68%
7) Chloroethane-d5	1.57	69	177170	46.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.86%
11) 1,1-Dichloroethene-d2	2.11	63	305748	34.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.84%
21) 2-Butanone-d5	3.89	46	284645	109.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.41%
24) Chloroform-d	4.35	84	404444	46.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.76%
26) 1,2-Dichloroethane-d4	5.04	65	281265	49.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.78%
32) Benzene-d6	5.05	84	795050	48.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.54%
36) 1,2-Dichloropropane-d6	6.07	67	255850	49.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.18%
41) Toluene-d8	7.32	98	693749	46.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.56%
43) trans-1,3-Dichloropropene-	7.62	79	131959	44.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.94%
47) 2-Hexanone-d5	8.09	63	209205	103.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.32%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	345268	49.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.96%
64) 1,2-Dichlorobenzene-d4	11.63	152	257015	49.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

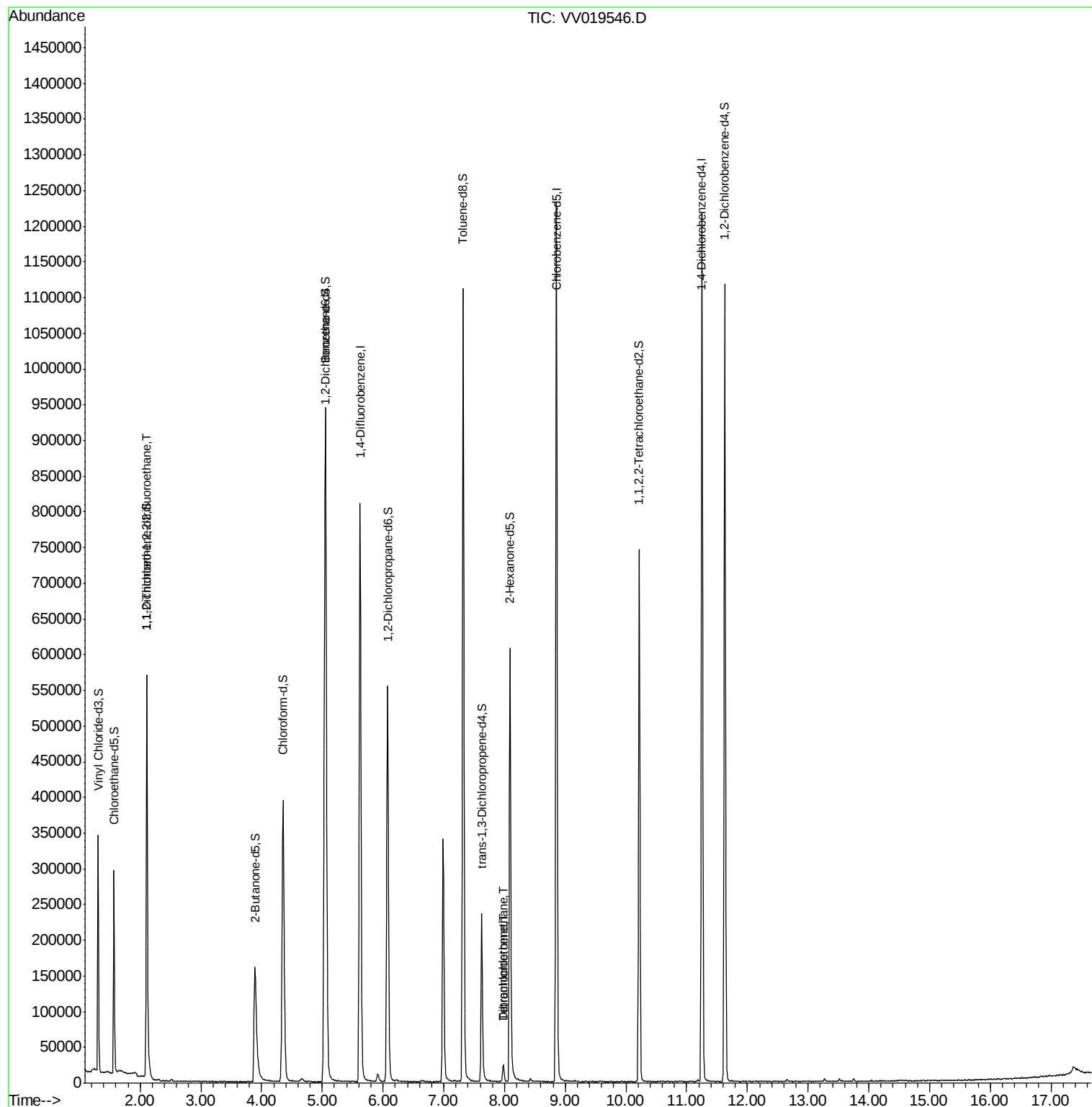
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2925	0.755 ug/L #	25
46) Tetrachloroethene	7.98	164	4861	1.474 ug/L	91
49) Dibromochloromethane	7.98	129	4849	0.989 ug/L #	11

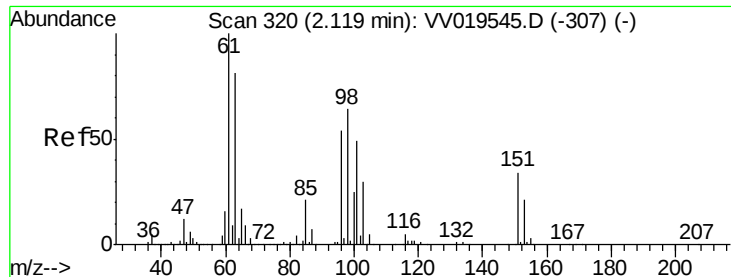
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Dec 13 04:37:51 2020
Response via : Initial Calibration





#10

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

Concen: 0.755 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV019546.D

Acq: 12 Dec 2020 11:00

Instrument :

MSVOA_V

ClientSampleId :

BFB64

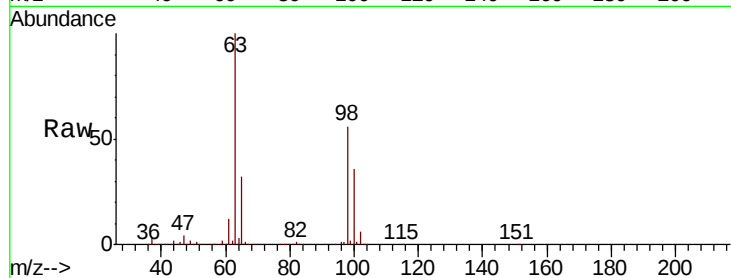
Tot Ion:101 Resp: 2925

Ion Ratio Lower Upper

101 100

85 1.5 35.0 52.4#

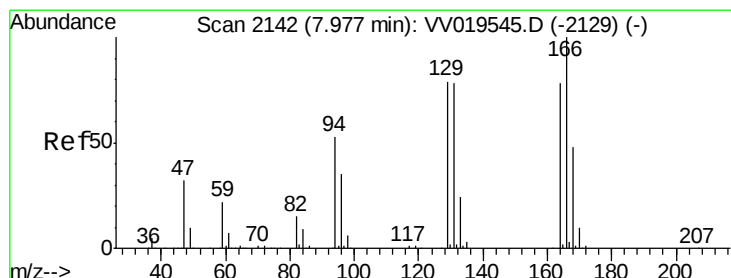
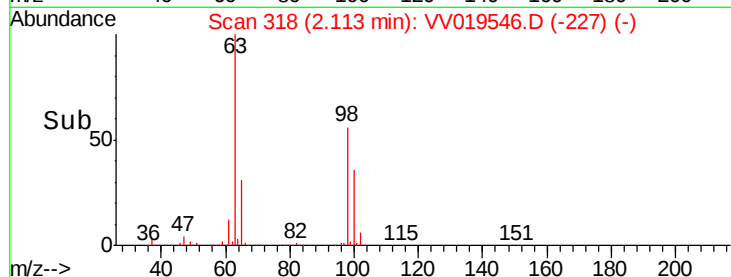
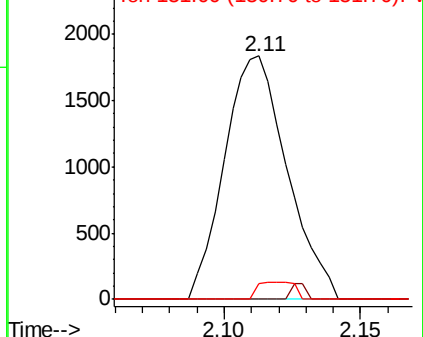
151 3.3 55.8 83.8#



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: 1.474 ug/L

RT: 7.98 min Scan# 2144

Delta R.T. 0.01 min

Lab File: VV019546.D

Acq: 12 Dec 2020 11:00

Tgt Ion:164 Resp: 4861

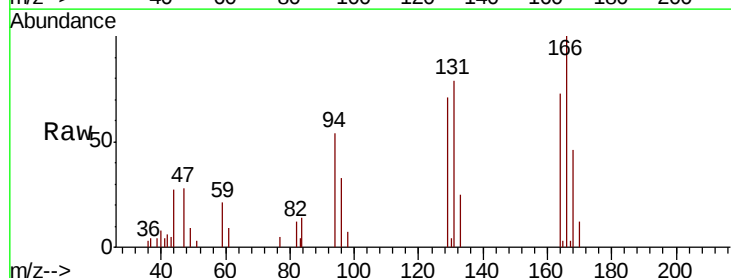
Ion Ratio Lower Upper

164 100

129 98.0 70.6 131.0

131 108.4 68.0 126.4

166 137.9 86.9 161.5

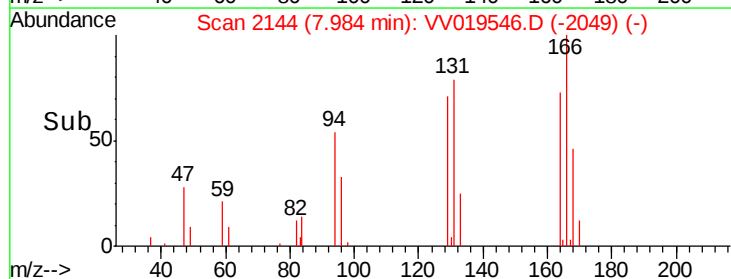
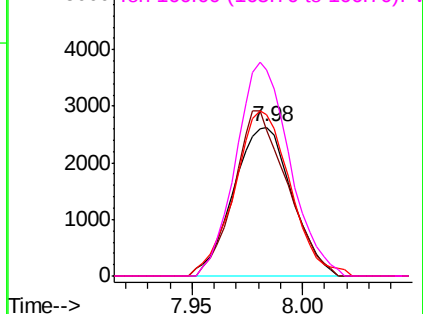


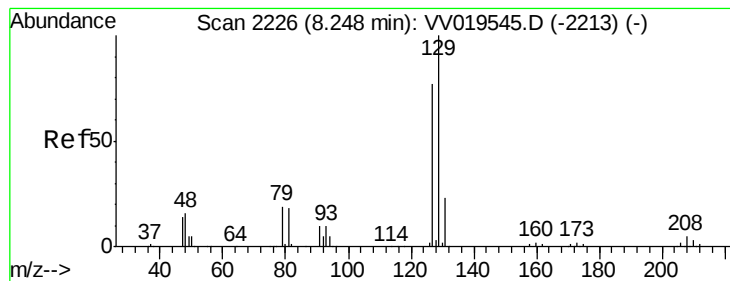
Abundance Ion 164.00 (163.70 to 164.70): V

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: 0.989 ug/L

RT: 7.98 min Scan# 2142

Delta R.T. -0.27 min

Lab File: VV019546.D

Acq: 12 Dec 2020 11:00

Instrument :

MSVOA_V

ClientSampleId :

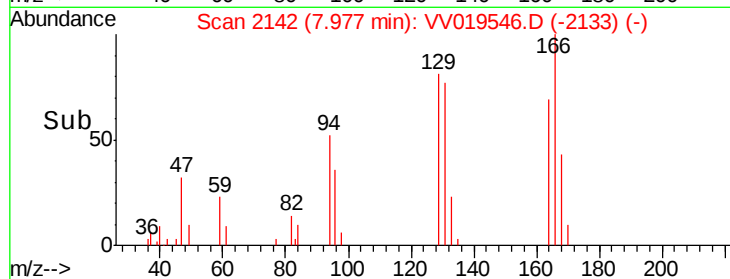
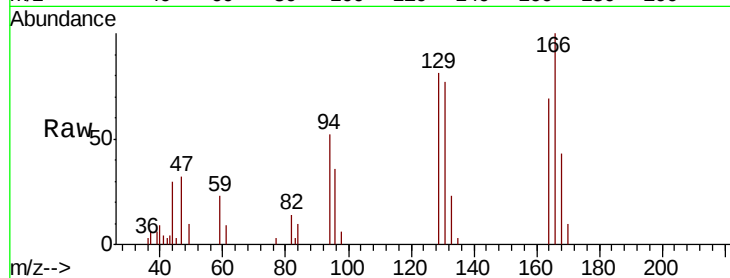
BFB64

Tot Ion:129 Resp: 4849

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

