

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121220\
 Data File : VV019559.D
 Acq On : 12 Dec 2020 16:29
 Operator : SY/MD
 Sample : L455-17DL 1000X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG457DL

Quant Time: Dec 13 04:39:59 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	646675	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	592111	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	273752	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	166639	35.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.88%
7) Chloroethane-d5	1.57	69	162251	44.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.72%
11) 1,1-Dichloroethene-d2	2.11	63	275427	32.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.00%
21) 2-Butanone-d5	3.89	46	349109	138.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	138.51%#
24) Chloroform-d	4.35	84	388644	46.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.04	65	275020	50.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.70%
32) Benzene-d6	5.05	84	756600	47.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.82%
36) 1,2-Dichloropropane-d6	6.07	67	247371	50.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.02%
41) Toluene-d8	7.32	98	671556	47.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.46%
43) trans-1,3-Dichloropropene-	7.62	79	122863	43.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.32%
47) 2-Hexanone-d5	8.09	63	249982	128.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	128.76%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	340574	50.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.80%
64) 1,2-Dichlorobenzene-d4	11.63	152	254704	49.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.54%

Target Compounds

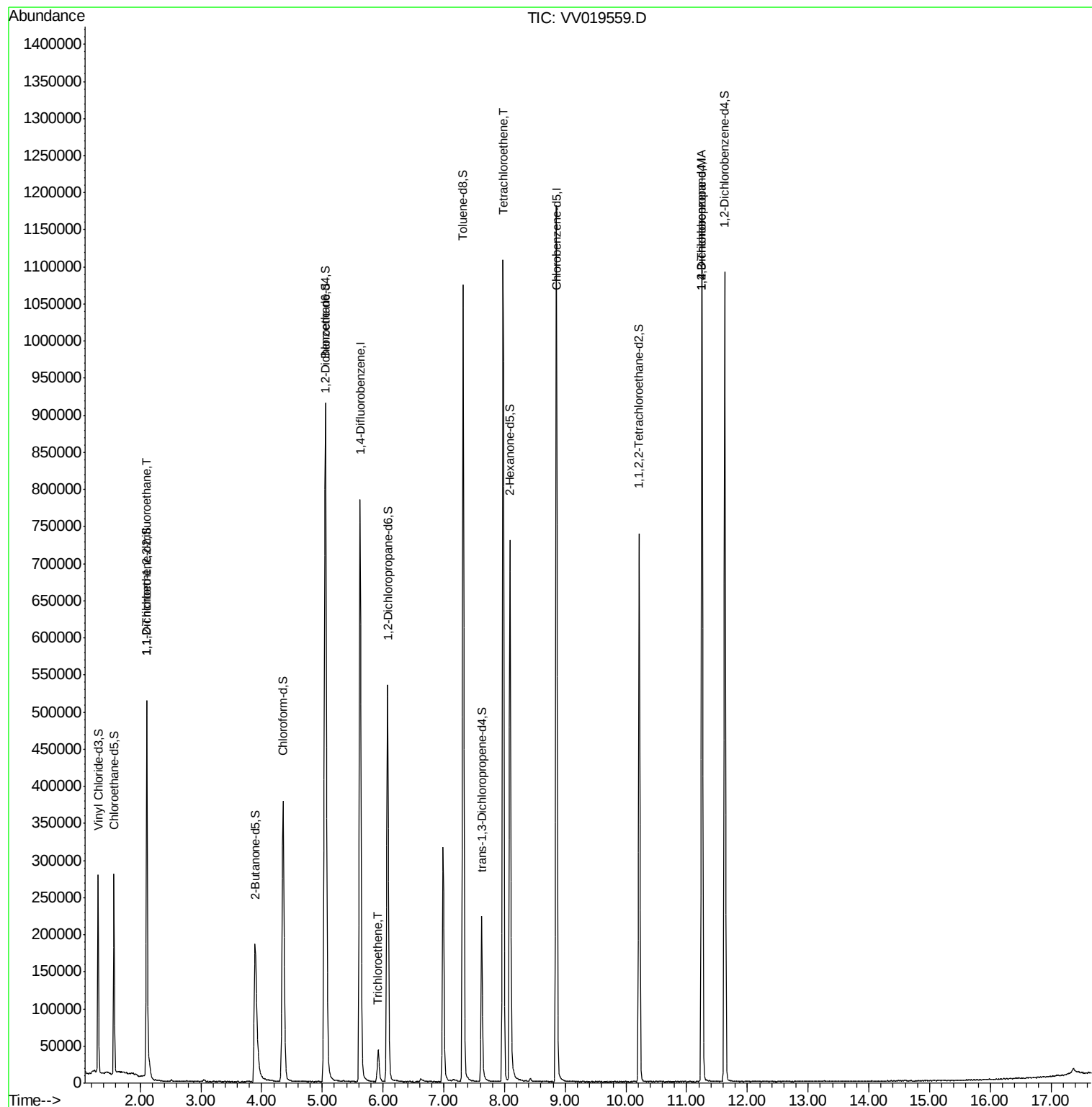
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2483	0.661 ug/L #	22
34) Trichloroethene	5.92	95	13068	2.859 ug/L	95
46) Tetrachloroethene	7.98	164	223658	70.708 ug/L	97
59) 1,2,3-Trichloropropane	11.25	75	37779	6.721 ug/L	91

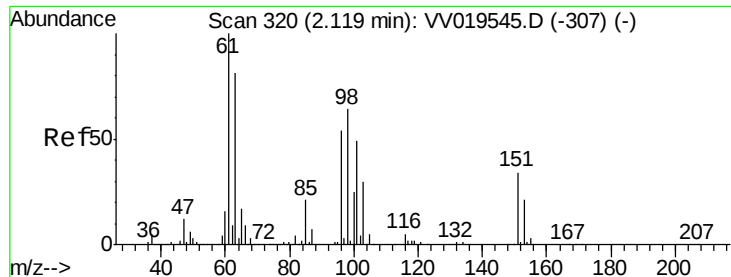
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.661 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

BG457DL

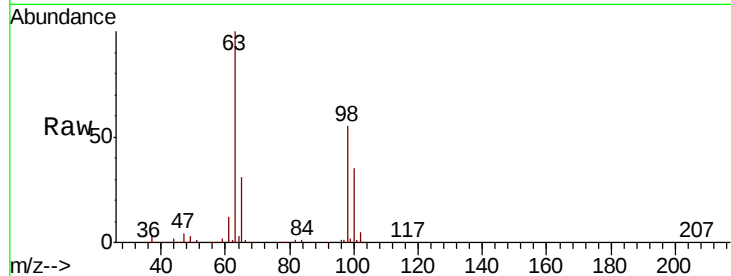
Tot Ion:101 Resp: 2483

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

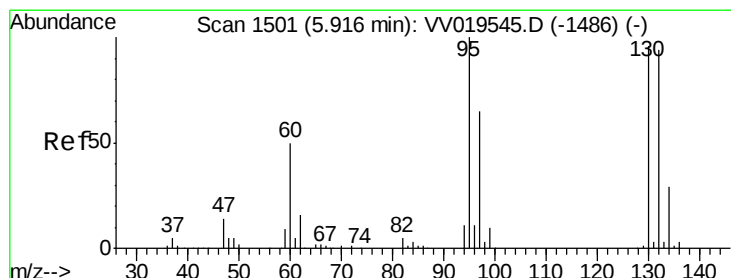
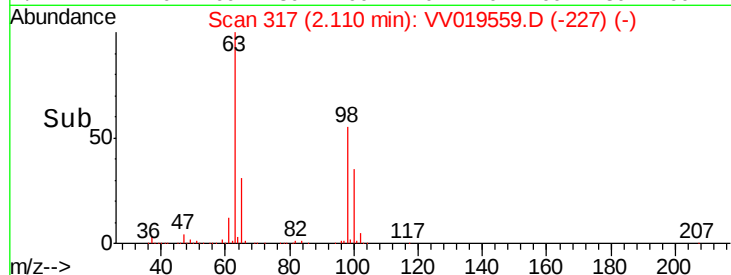
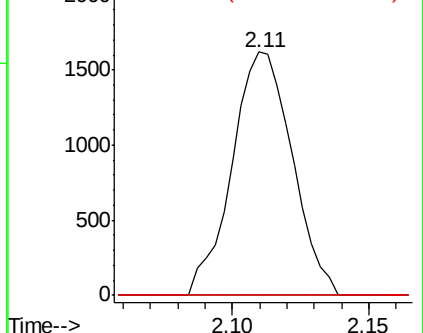
151 0.0 55.8 83.8#



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



#34

Trichloroethene

Concen: 2.859 ug/L

RT: 5.92 min Scan# 1503

Delta R.T. 0.01 min

Lab File: VV019559.D

Acq: 12 Dec 2020 16:29

Tgt Ion: 95 Resp: 13068

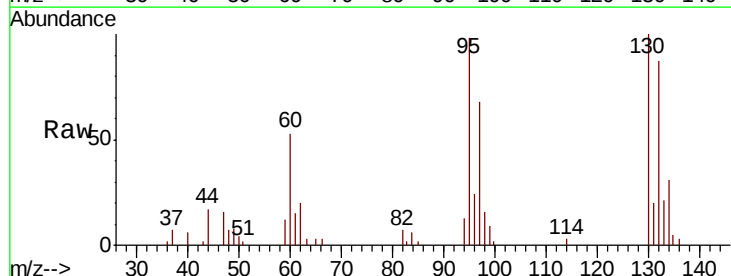
Ion Ratio Lower Upper

95 100

97 69.2 44.4 82.4

132 88.4 64.3 119.3

130 101.7 67.8 125.8

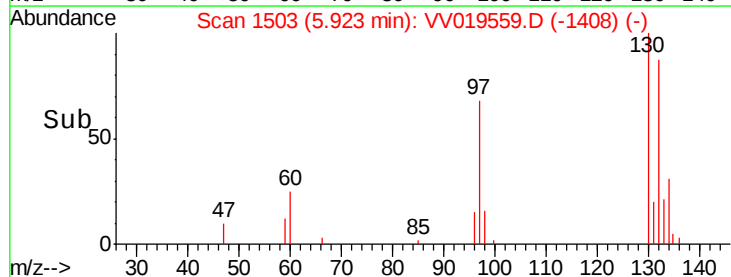
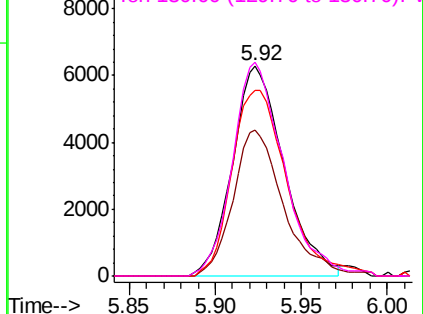


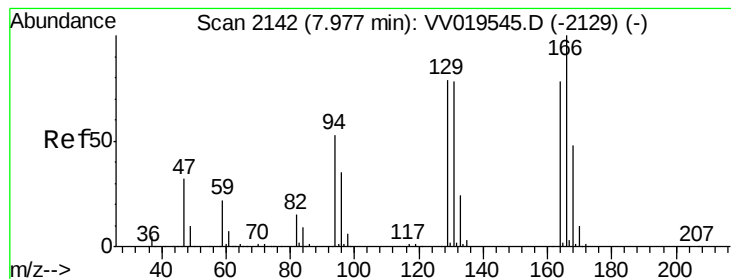
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#46

Tetrachloroethene

Concen: 70.708 ug/L

RT: 7.98 min Scan# 2142

Delta R.T. 0.00 min

Lab File: VV019559.D

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Instrument :

MSVOA_V

ClientSampleId :

BG457DL

Tot Ion:164 Resp: 223658

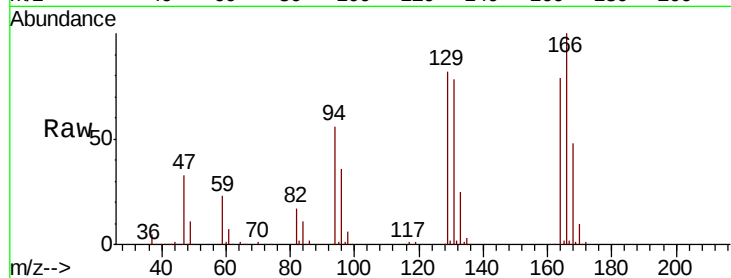
Ion Ratio Lower Upper

164 100

129 103.6 70.6 131.0

131 99.4 68.0 126.4

166 127.2 86.9 161.5

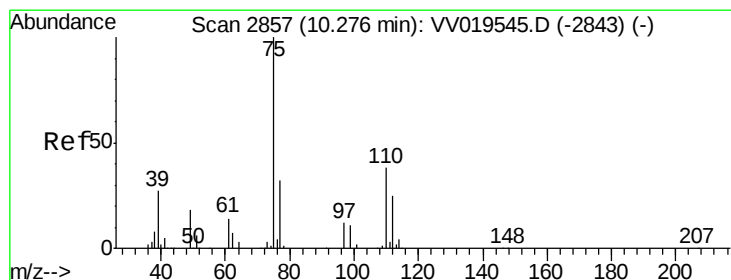
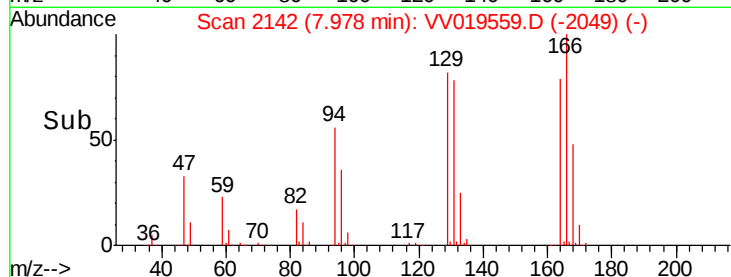
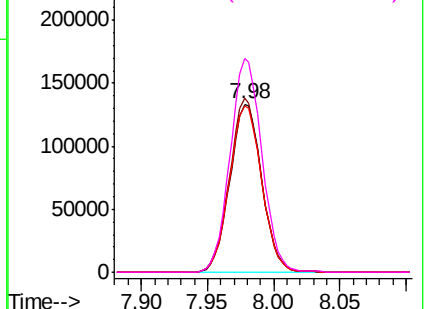


Abundance Ion 164.00 (163.70 to 164.70): V

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



#59

1,2,3-Trichloropropane

Concen: 6.721 ug/L

RT: 11.25 min Scan# 3160

Delta R.T. 0.97 min

Lab File: VV019559.D

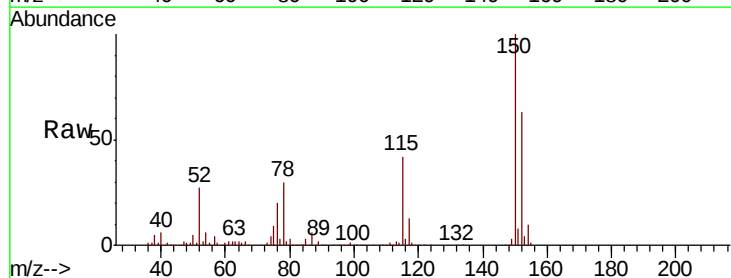
Acq: 12 Dec 2020 16:29

Tgt Ion: 75 Resp: 37779

Ion Ratio Lower Upper

75 100

77 37.2 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

