

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121520\
 Data File : VV019649.D
 Acq On : 15 Dec 2020 15:06
 Operator : SY/MD
 Sample : VIBLK64
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 16 00:30:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 16 00:27:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	630799	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	585248	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	273048	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	246656	54.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.06%
7) Chloroethane-d5	1.57	69	191166	53.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.16%
11) 1,1-Dichloroethene-d2	2.11	63	338457	40.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.64%
21) 2-Butanone-d5	3.89	46	324503	131.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	131.99%#
24) Chloroform-d	4.35	84	406373	49.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.70%
26) 1,2-Dichloroethane-d4	5.04	65	280101	52.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.16%
32) Benzene-d6	5.05	84	825702	52.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.80%
36) 1,2-Dichloropropane-d6	6.07	67	262061	53.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.20%
41) Toluene-d8	7.32	98	730353	51.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.94%
43) trans-1,3-Dichloropropene-	7.62	79	128109	46.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.12%
47) 2-Hexanone-d5	8.09	63	230517	120.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.12%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	326692	49.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	11.63	152	265048	51.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.86%

Target Compounds

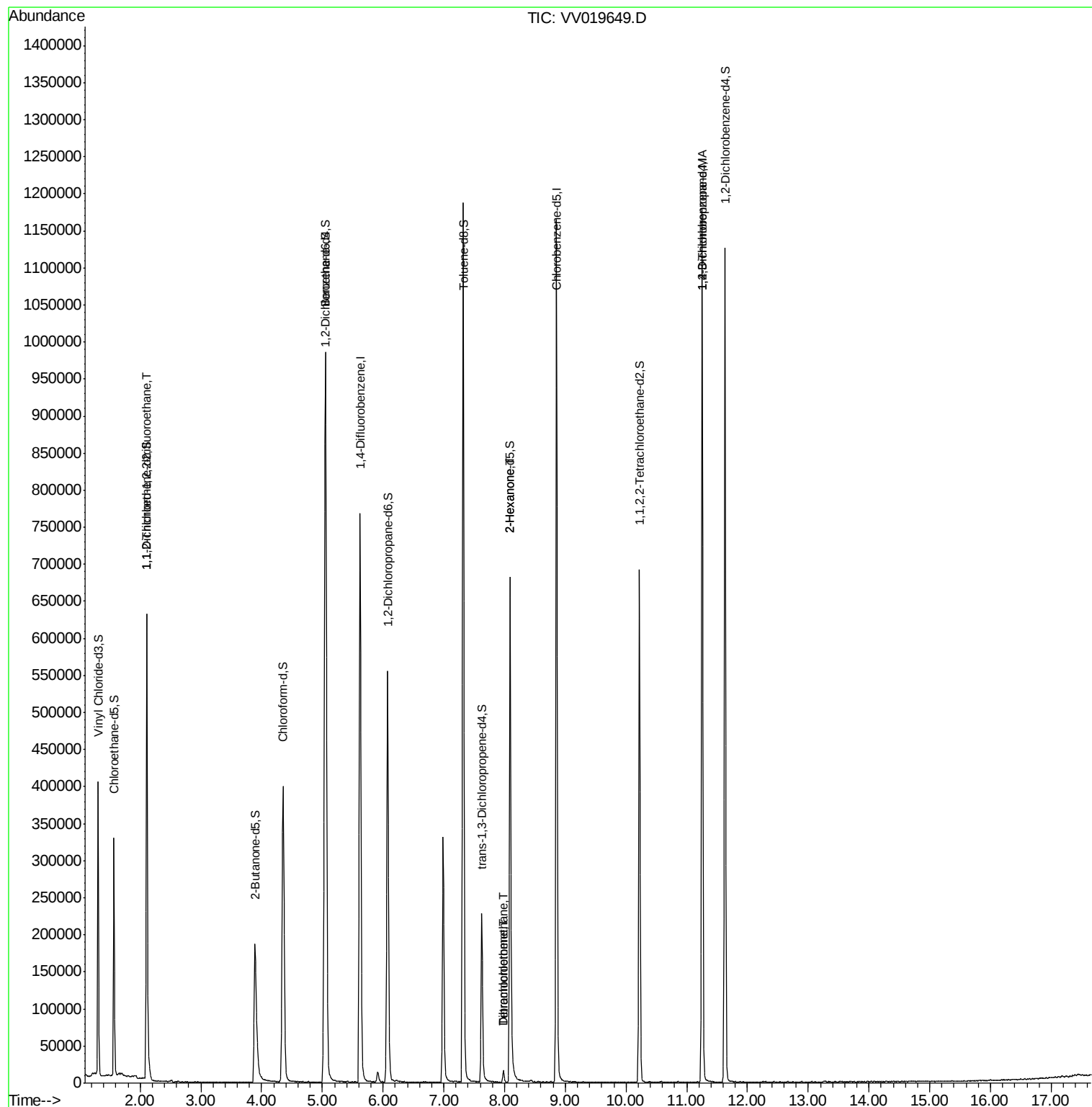
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2842	0.776 ug/L #	22
46) Tetrachloroethene	7.98	164	3023	0.967 ug/L	91
48) 2-Hexanone	8.09	43	30273	6.191 ug/L #	69
49) Dibromochloromethane	7.98	129	3379	0.727 ug/L #	11
59) 1,2,3-Trichloropropane	11.25	75	36250	6.525 ug/L #	85

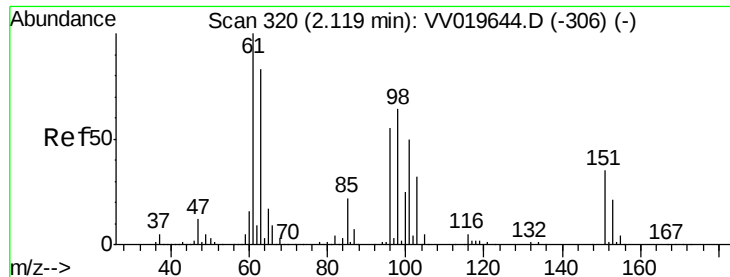
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.776 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019649.D

Acq: 15 Dec 2020 15:06

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MSVOA_V

ClientSampleId :

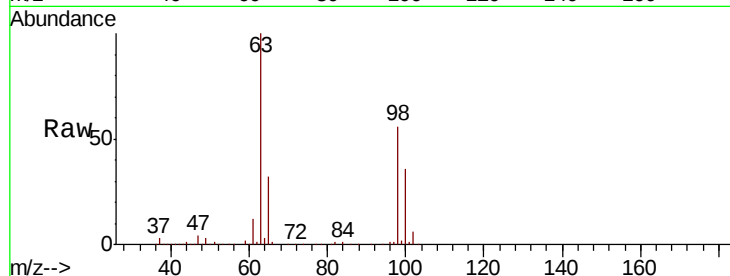
Tot Ion:101 Resp: 2842

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

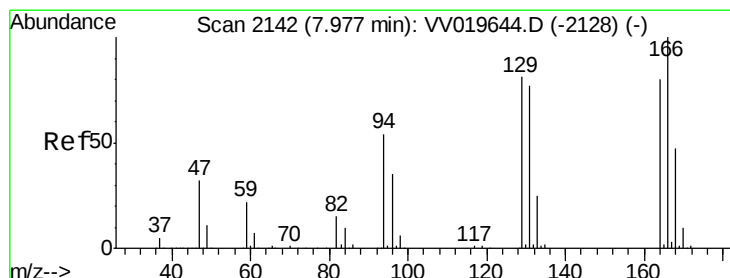
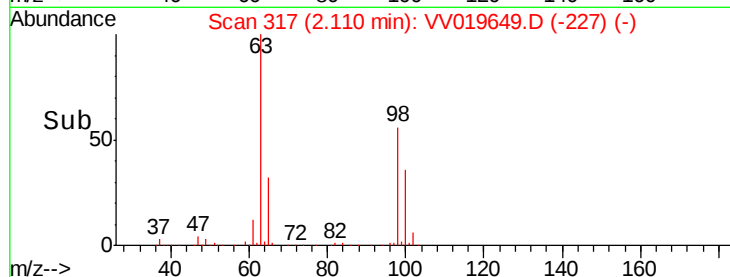
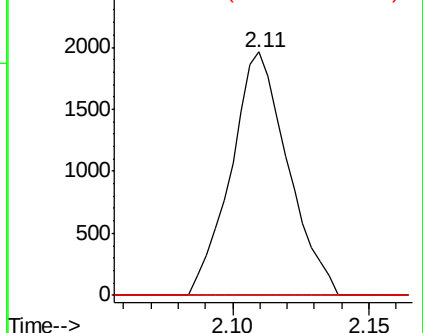
151 0.0 55.8 83.8#



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



#46

Tetrachloroethene

Concen: 0.967 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VV019649.D

Acq: 15 Dec 2020 15:06

Tgt Ion:164 Resp: 3023

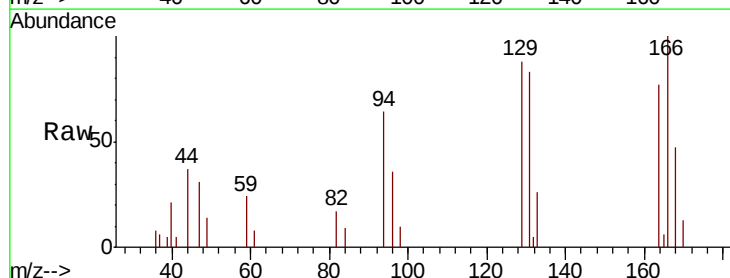
Ion Ratio Lower Upper

164 100

129 114.1 70.6 131.0

131 107.9 68.0 126.4

166 130.0 86.9 161.5

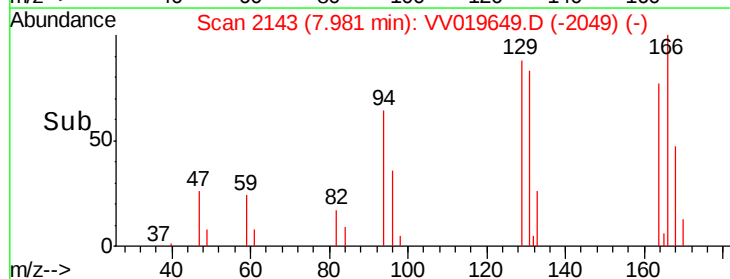
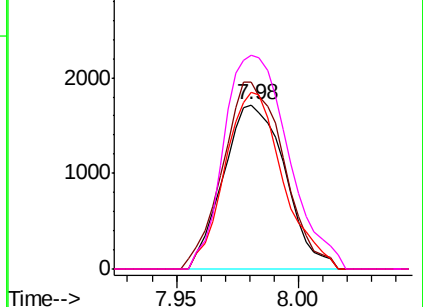


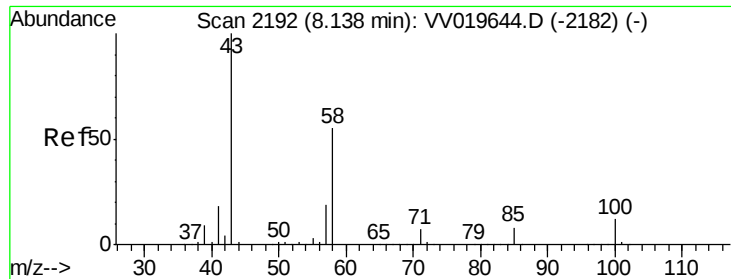
Abundance Ion 164.00 (163.70 to 164.70): V

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

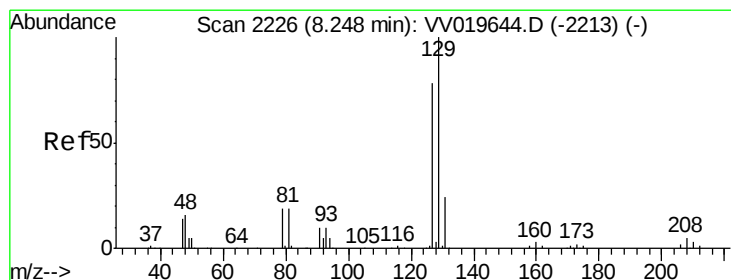
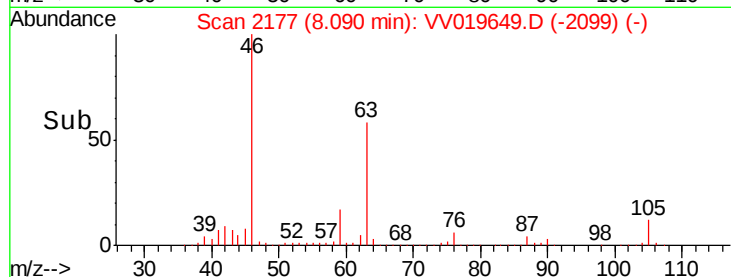
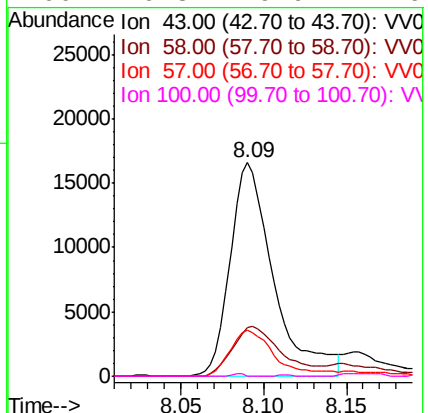
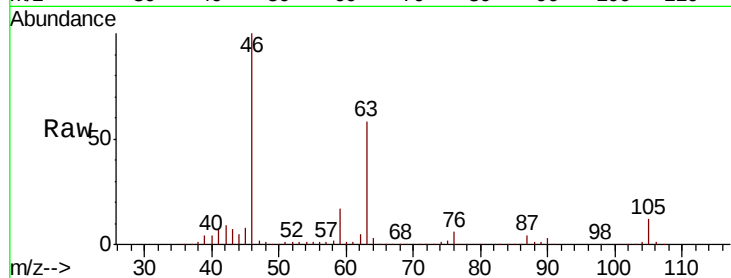




#48
2-Hexanone
Concen: 6.191 ug/L
RT: 8.09 min Scan# 2177
Delta R.T. -0.05 min
Lab File: VV019649.D
Acq: 15 Dec 2020 15:06

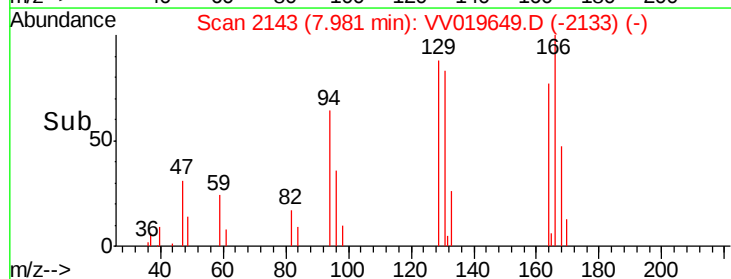
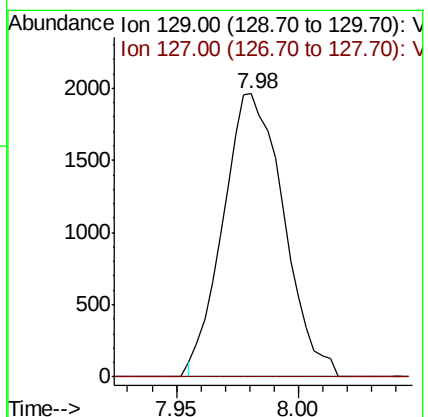
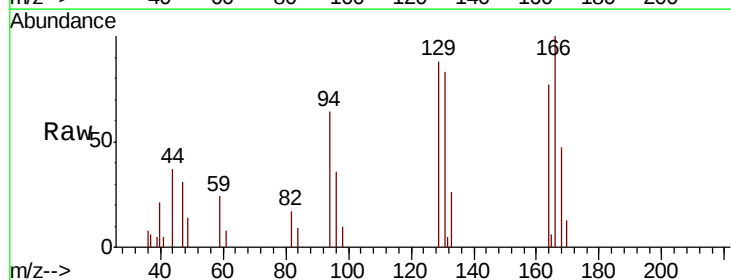
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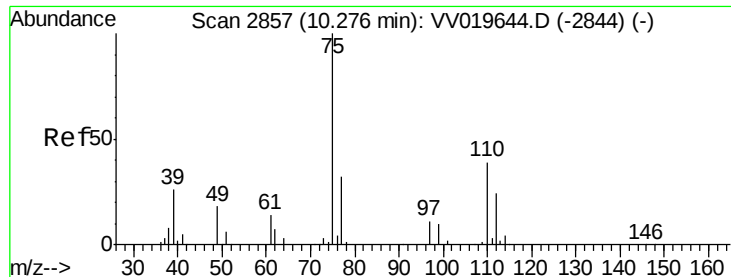
Tot Ion: 43 Resp: 30273
Ion Ratio Lower Upper
43 100
58 26.4 44.4 66.6#
57 21.2 15.7 23.5
100 0.3 9.9 14.9#



#49
Dibromochloromethane
Concen: 0.727 ug/L
RT: 7.98 min Scan# 2143
Delta R.T. -0.27 min
Lab File: VV019649.D
Acq: 15 Dec 2020 15:06

Tgt Ion: 129 Resp: 3379
Ion Ratio Lower Upper
129 100
127 0.0 54.2 100.6#





#59

1,2,3-Trichloropropane

Concen: 6.525 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.98 min

Lab File: VV019649.D

Acq: 15 Dec 2020 15:06

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 36250

Ion Ratio Lower Upper

75 100

77 40.5 25.8 38.8#

