

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101220\
 Data File : VV018866.D
 Acq On : 12 Oct 2020 19:04
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK62

Quant Time: Oct 13 01:12:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 13 01:02:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	349153	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	348388	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	147639	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	135212	42.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.24%
7) Chloroethane-d5	1.58	69	106606	41.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.50%
11) 1,1-Dichloroethene-d2	2.12	63	194984	31.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.76%
21) 2-Butanone-d5	3.90	46	183293	94.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.09%
24) Chloroform-d	4.37	84	236817	42.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.62%
26) 1,2-Dichloroethane-d4	5.06	65	166079	43.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.54%
32) Benzene-d6	5.07	84	484195	43.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.38%
36) 1,2-Dichloropropane-d6	6.09	67	156080	42.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.38%
41) Toluene-d8	7.34	98	420488	42.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.50%
43) trans-1,3-Dichloropropene-	7.64	79	70680	39.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.10%
47) 2-Hexanone-d5	8.11	63	100423	78.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.37%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	146043	34.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	69.46%
64) 1,2-Dichlorobenzene-d4	11.65	152	154303	47.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.44%

Target Compounds

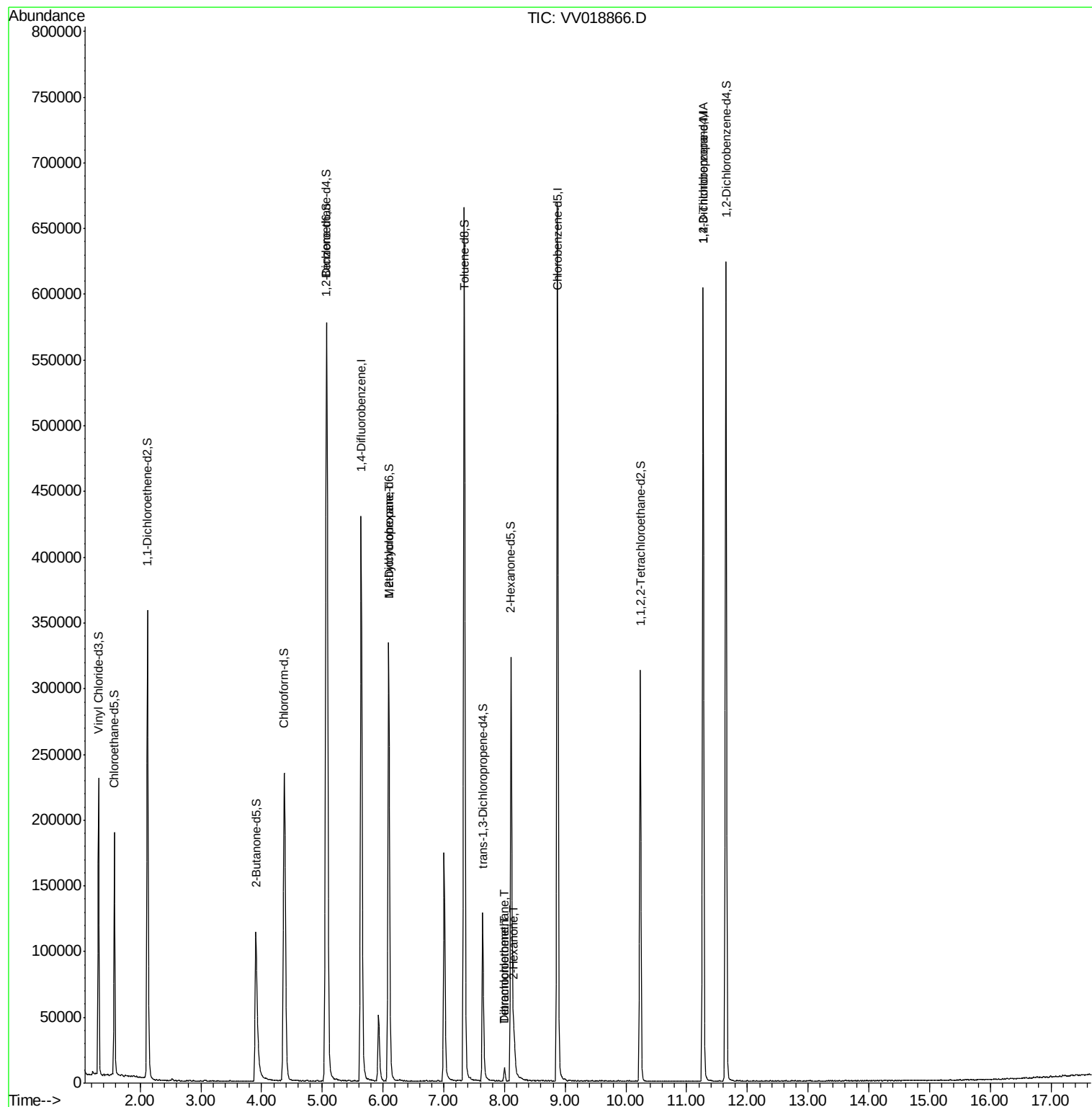
					Ovalue
35) Methylcyclohexane	6.09	83	36685	9.425 ug/L #	16
46) Tetrachloroethene	8.00	164	2255	0.967 ug/L	97
48) 2-Hexanone	8.16	43	17322	5.561 ug/L #	87
49) Dibromochloromethane	8.00	129	2064	0.693 ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	18032	4.991 ug/L	92

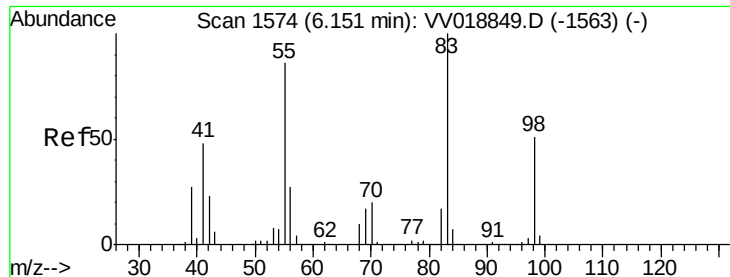
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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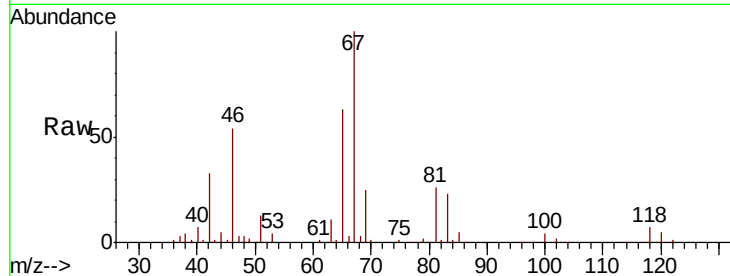




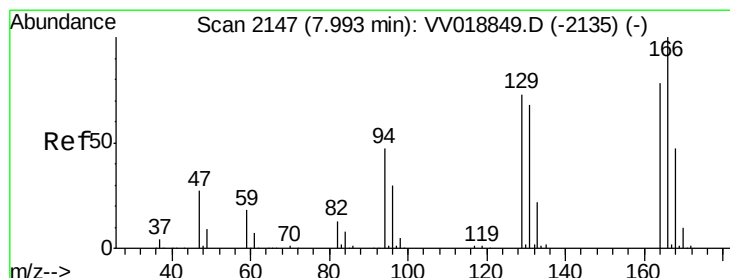
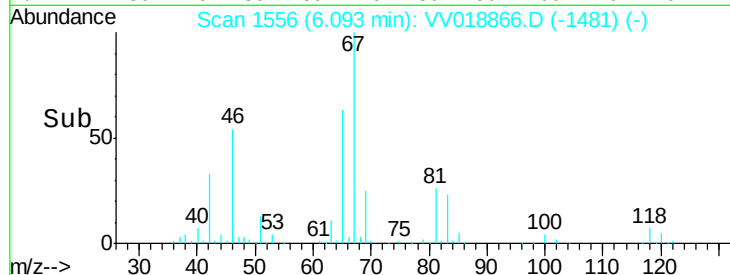
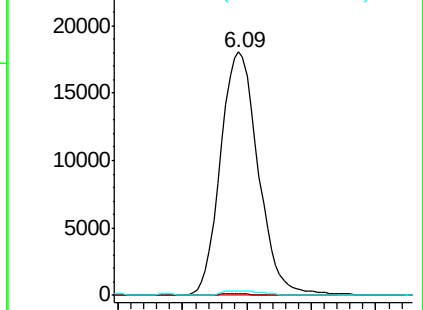
#35
Methylvlcyclohexane
Concen: 9.425 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018866.D
Acq: 12 Oct 2020 19:04

Instrument :
MSVOA_V
ClientSampleId :
VIBLK62

Tot Ion: 83 Resp: 36685
Ion Ratio Lower Upper
83 100
55 0.3 67.0 100.4#
98 1.9 38.8 58.2#

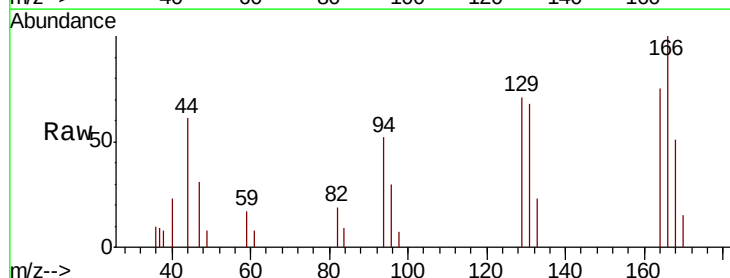


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

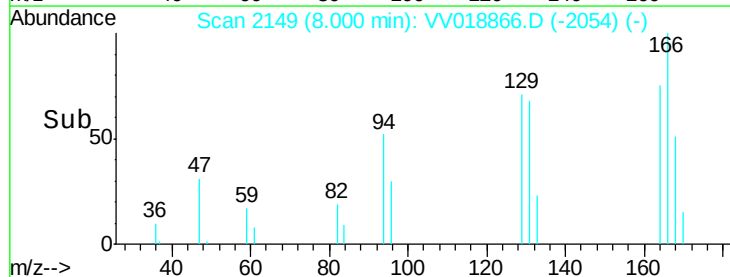
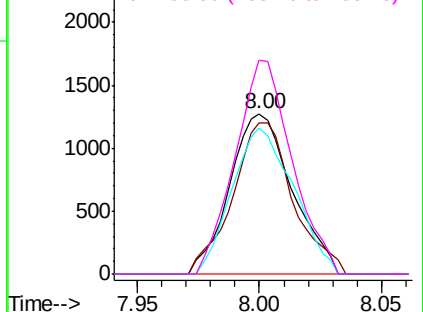


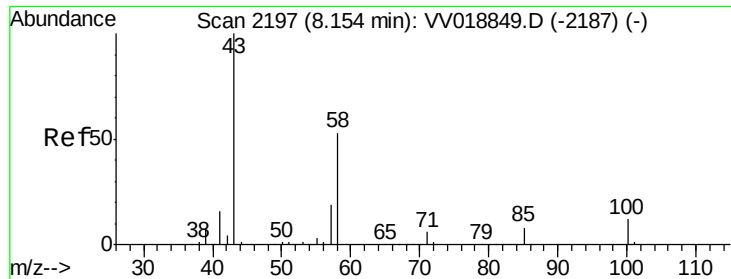
#46
Tetrachloroethene
Concen: 0.967 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. 0.01 min
Lab File: VV018866.D
Acq: 12 Oct 2020 19:04

Tgt Ion: 164 Resp: 2255
Ion Ratio Lower Upper
164 100
129 94.4 64.6 120.0
131 90.9 63.6 118.0
166 133.1 88.3 164.1



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

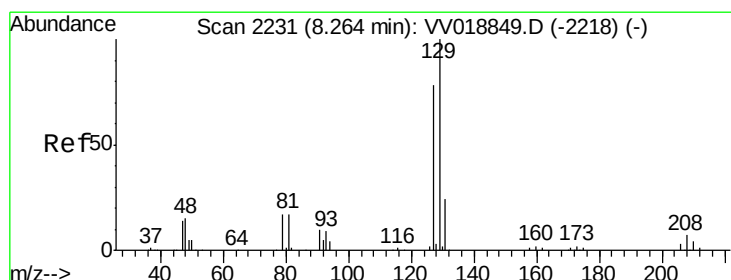
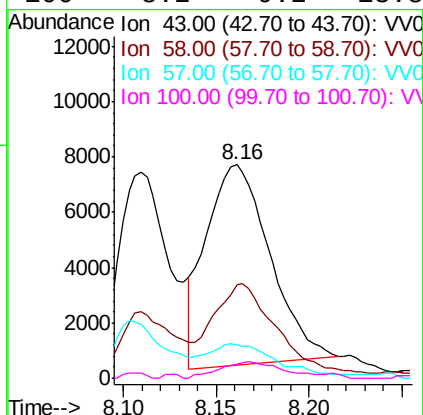
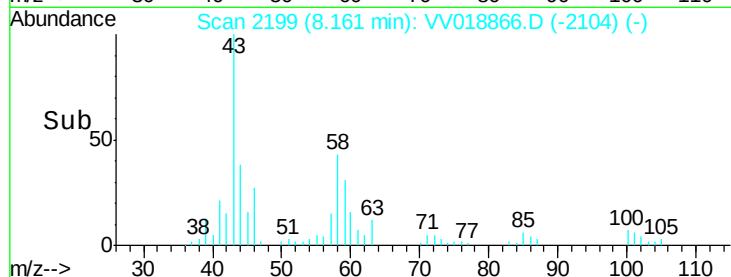
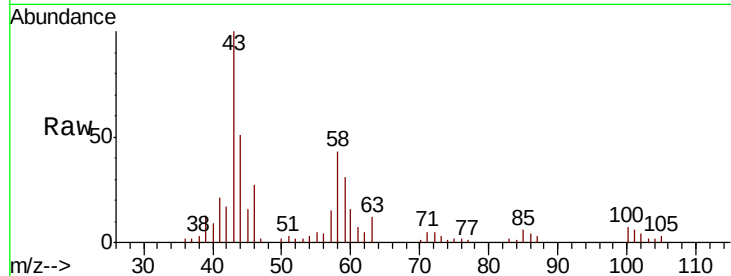




#48
2-Hexanone
Concen: 5.561 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.01 min
Lab File: VV018866.D
Acq: 12 Oct 2020 19:04

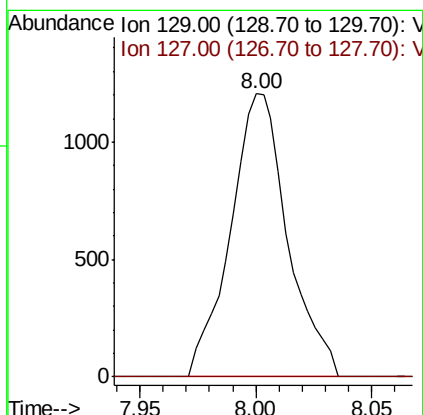
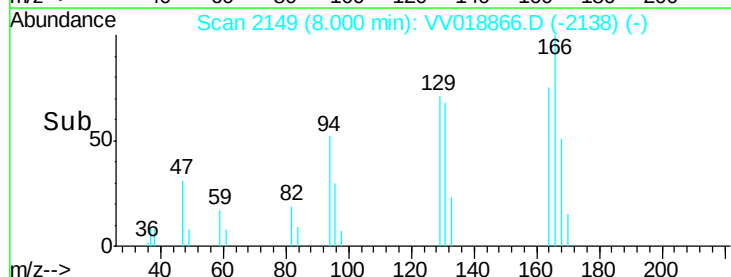
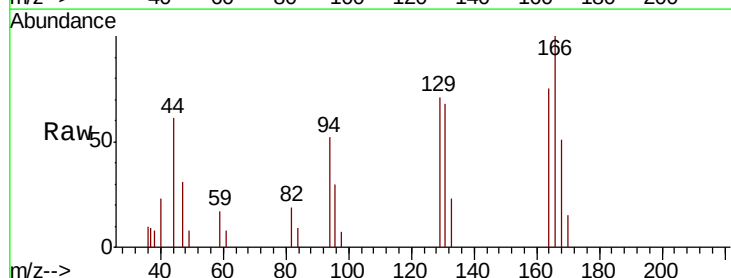
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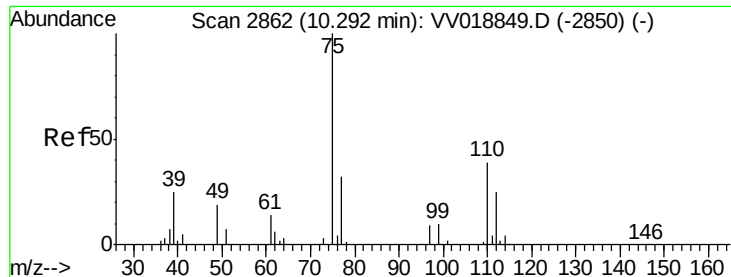
Tot Ion: 43 Resp: 17322
Ion Ratio Lower Upper
43 100
58 44.6 41.8 62.8
57 9.7 14.9 22.3#
100 8.2 9.2 13.8#



#49
Dibromochloromethane
Concen: 0.693 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. -0.26 min
Lab File: VV018866.D
Acq: 12 Oct 2020 19:04

Tgt Ion: 129 Resp: 2064
Ion Ratio Lower Upper
129 100
127 0.0 55.3 102.7#





#59

1,2,3-Trichloropropane

Concen: 4.991 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018866.D

Acq: 12 Oct 2020 19:04

Instrument :

MSVOA_V

ClientSampleId :

VIBLK62

Tot Ion: 75 Resp: 18032

Ion Ratio Lower Upper

75 100

77 36.8 25.9 38.9

