

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071020\
 Data File : VV017452.D
 Acq On : 10 Jul 2020 19:58
 Operator : SY/MD
 Sample : L3270-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A14

Quant Time: Jul 11 00:27:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 11 00:23:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	260117	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	244409	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	119506	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50141	37.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.06%
7) Chloroethane-d5	1.58	69	41933	44.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.16%
11) 1,1-Dichloroethene-d2	2.12	63	93186	30.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.78%
21) 2-Butanone-d5	3.91	46	88587	95.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.78%
24) Chloroform-d	4.38	84	138442	44.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.06	65	104150	48.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.88%
32) Benzene-d6	5.08	84	241898	45.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.64%
36) 1,2-Dichloropropane-d6	6.09	67	70850	46.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.20%
41) Toluene-d8	7.34	98	228356	44.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.98%
43) trans-1,3-Dichloropropene-	7.64	79	39704	44.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.74%
47) 2-Hexanone-d5	8.11	63	57901	92.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.80%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	94309	44.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.36%
64) 1,2-Dichlorobenzene-d4	11.65	152	99732	49.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.82%

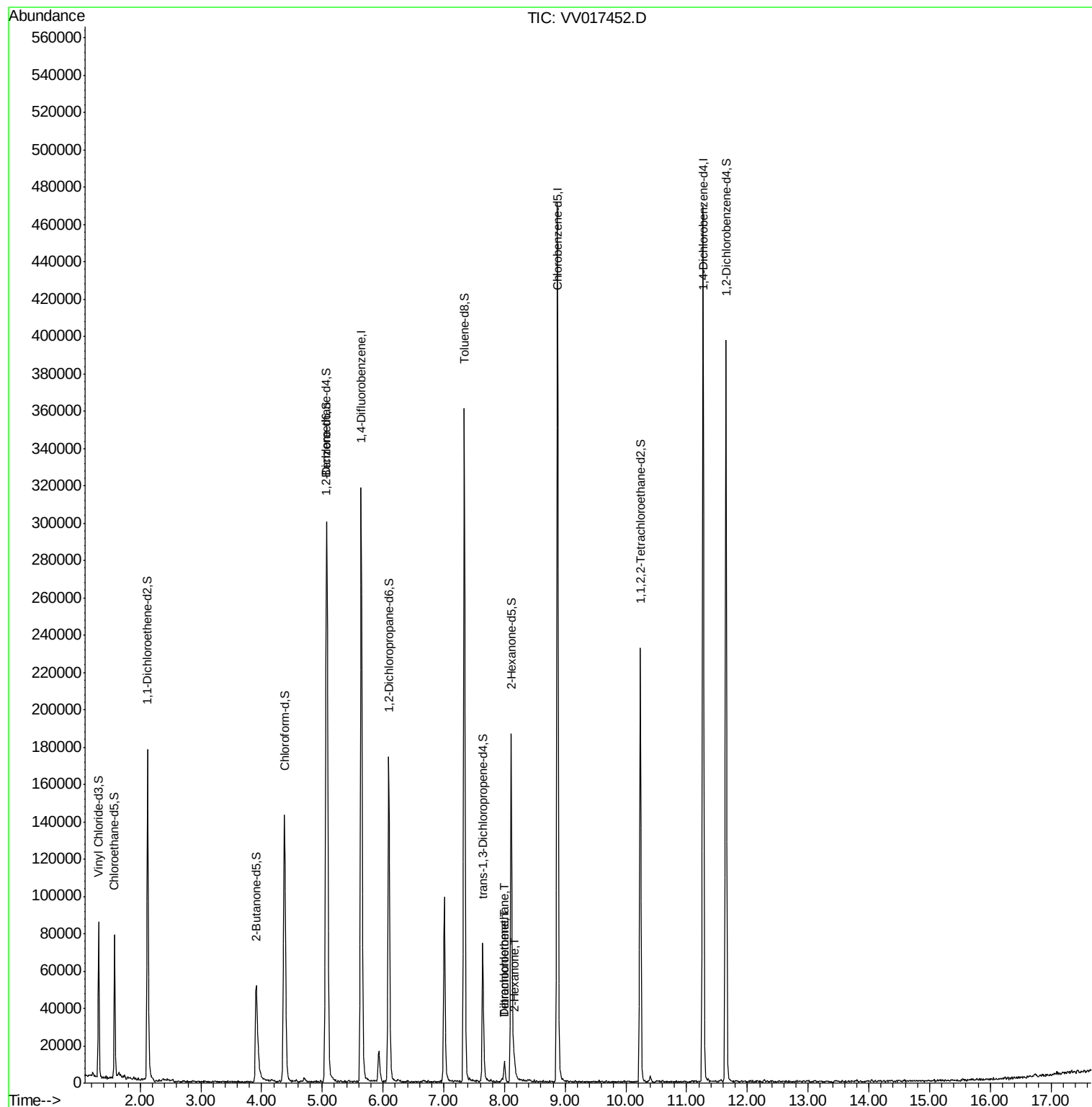
Target Compounds					Ovalue
46) Tetrachloroethene	8.00	164	2386	1.481 ug/L	88
48) 2-Hexanone	8.17	43	5222	2.952 ug/L #	68
49) Dibromochloromethane	8.00	129	2385	1.115 ug/L #	10

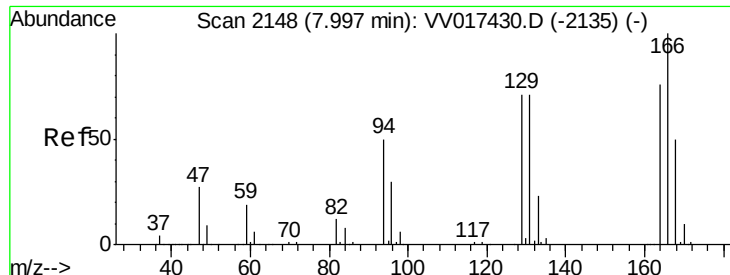
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#46

Tetrachloroethene

Concen: 1.481 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV017452.D

Acq: 10 Jul 2020 19:58

Instrument :

MSVOA_V

ClientSampled :

F4A14

Tot Ion:164 Resp: 2386

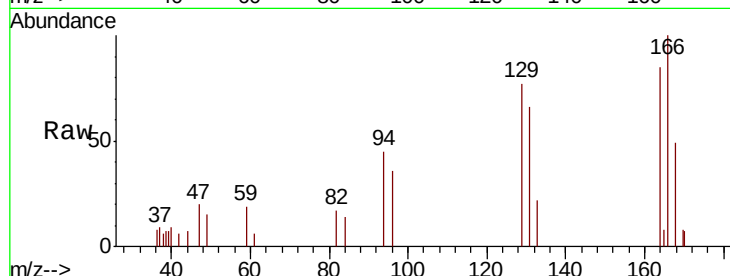
Ion Ratio Lower Upper

164 100

129 90.4 66.6 123.8

131 78.1 65.5 121.7

166 117.5 93.9 174.5

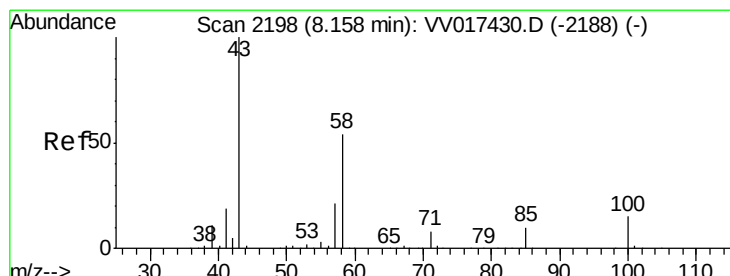
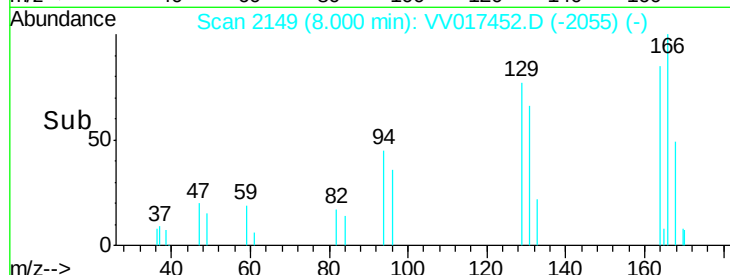
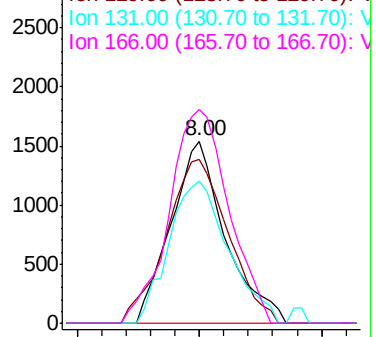


Abundance Ion 164.00 (163.70 to 164.70): V

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: 2.952 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV017452.D

Acq: 10 Jul 2020 19:58

Tgt Ion: 43 Resp: 5222

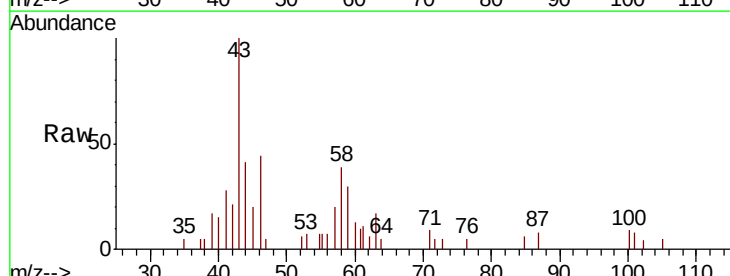
Ion Ratio Lower Upper

43 100

58 22.0 42.6 64.0#

57 15.7 16.2 24.4#

100 5.2 10.9 16.3#

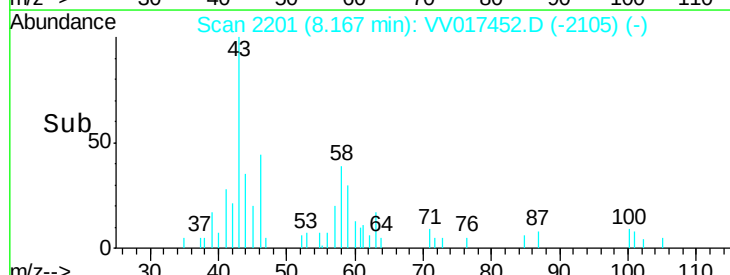
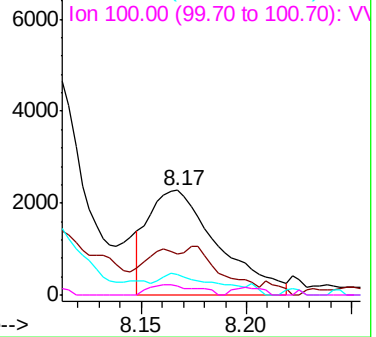


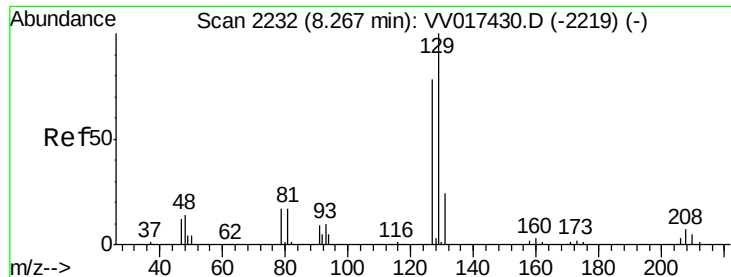
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#49

Dibromochloromethane

Concen: 1.115 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. -0.27 min

Lab File: VV017452.D

Acq: 10 Jul 2020 19:58

Instrument :
MSVOA_V
ClientSampleId :
F4A14

Tot Ion:129 Resp: 2385

Ion Ratio Lower Upper

129 100

127 0.0 54.6 101.4#

