

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062520\
 Data File : VV017158.D
 Acq On : 26 Jun 2020 04:24
 Operator : SY/MD
 Sample : L3068-08
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9F44

Quant Time: Jun 26 06:47:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 05:12:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	172364	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	168745	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	76484	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49109	4.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.00%
7) Chloroethane-d5	1.58	69	38592	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	2.13	63	68375	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	3.93	46	112059	42.50	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.00%
24) Chloroform-d	4.38	84	105579	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.06	65	53615	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.08	84	189979	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	6.10	67	55458	4.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.60%
41) Toluene-d8	7.34	98	163769	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
45) trans-1,3-Dichloropropene-	7.64	79	20461	3.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.00%
48) 2-Hexanone-d5	8.11	63	77252	37.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.28%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38030	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	64754	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

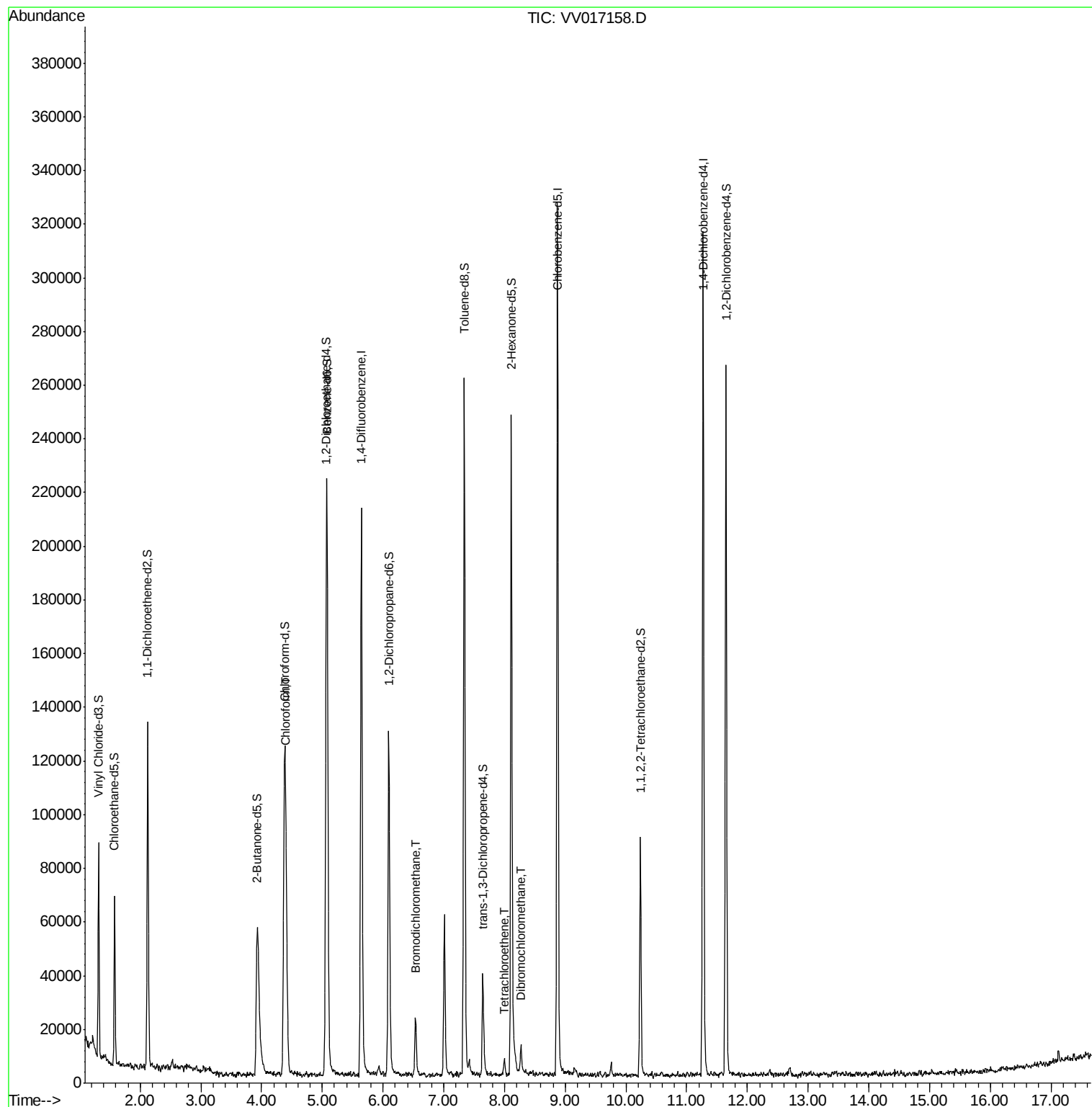
					Ovalue
25) Chloroform	4.41	83	58401	2.715 ug/L	96
38) Bromodichloromethane	6.54	83	13745	0.925 ug/L	97
49) Tetrachloroethene	7.99	164	1047	0.101 ug/L #	86
51) Dibromochloromethane	8.27	129	4361	0.464 ug/L	100

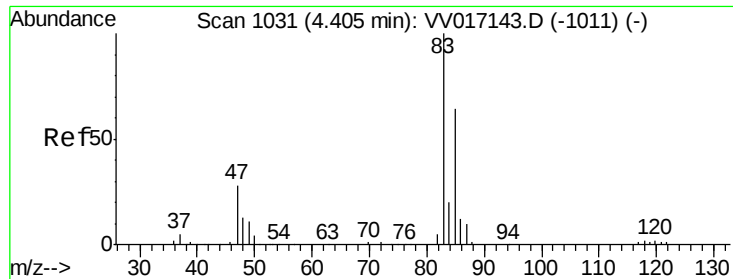
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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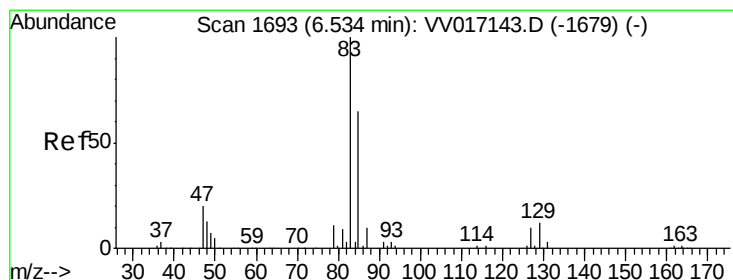
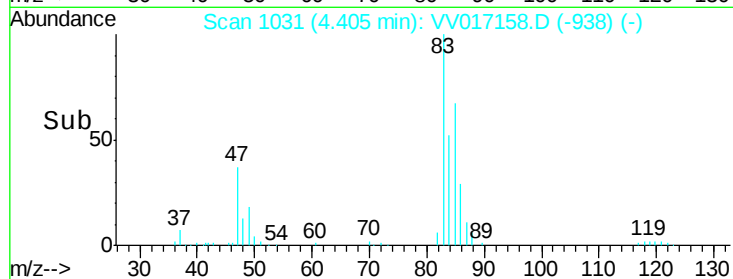
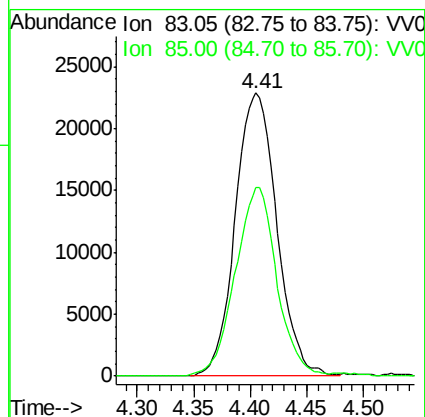
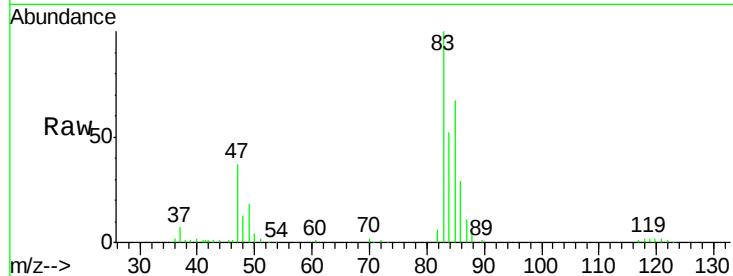




#25
Chloroform
Concen: 2.715 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VV017158.D
Acq: 26 Jun 2020 04:24

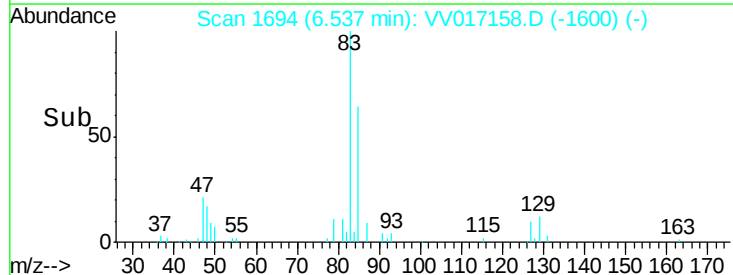
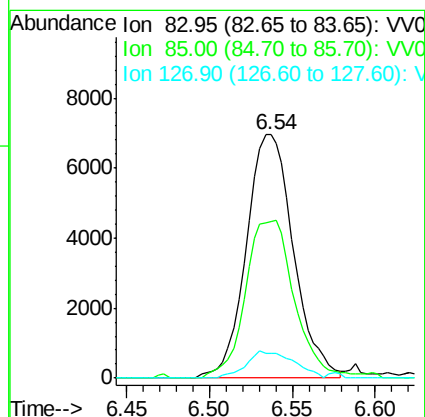
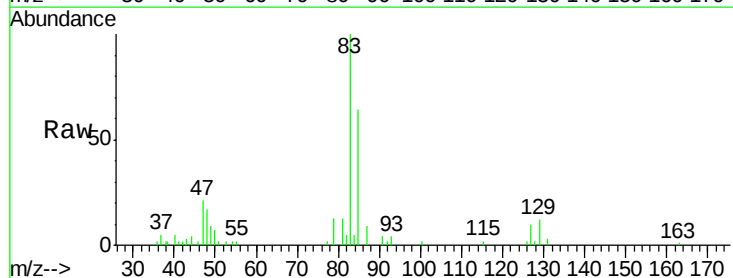
Instrument :
MSVOA_V
ClientSampled :
F9F44

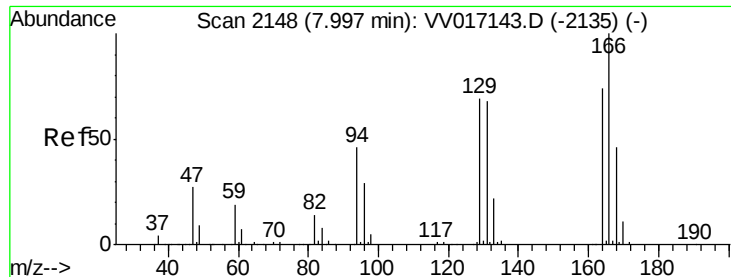
Tot Ion: 83 Resp: 58401
Ion Ratio Lower Upper
83 100
85 66.6 44.2 82.2



#38
Bromodichloromethane
Concen: 0.925 ug/L
RT: 6.54 min Scan# 1694
Delta R.T. 0.00 min
Lab File: VV017158.D
Acq: 26 Jun 2020 04:24

Tgt Ion: 83 Resp: 13745
Ion Ratio Lower Upper
83 100
85 64.5 43.4 80.6
127 10.3 7.9 11.9





#49

Tetrachloroethene

Concen: 0.101 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. -0.00 min

Lab File: VV017158.D

Acq: 26 Jun 2020 04:24

Instrument :

MSVOA_V

ClientSampleId :

F9F44

Tot Ion:164 Resp: 1047

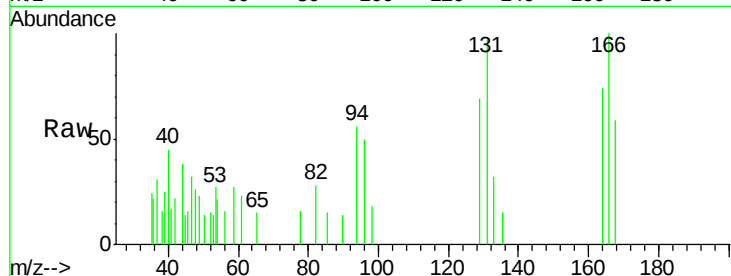
Ion Ratio Lower Upper

164 100

129 92.7 65.2 121.0

131 130.6 64.1 119.1#

166 134.8 90.2 167.4

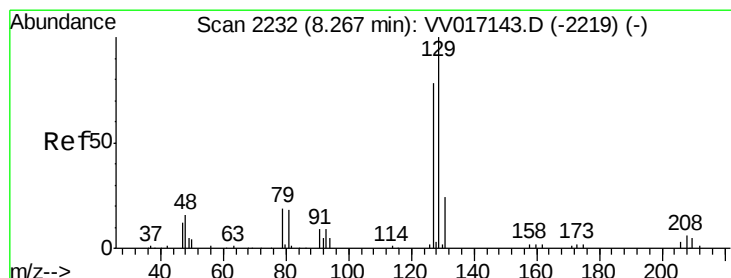
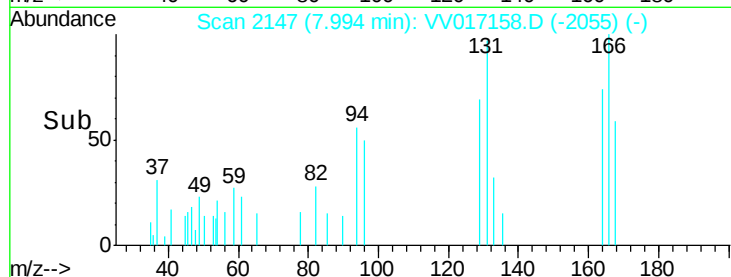
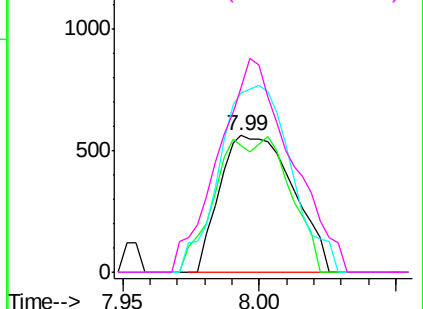


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#51

Dibromochloromethane

Concen: 0.464 ug/L

RT: 8.27 min Scan# 2233

Delta R.T. 0.00 min

Lab File: VV017158.D

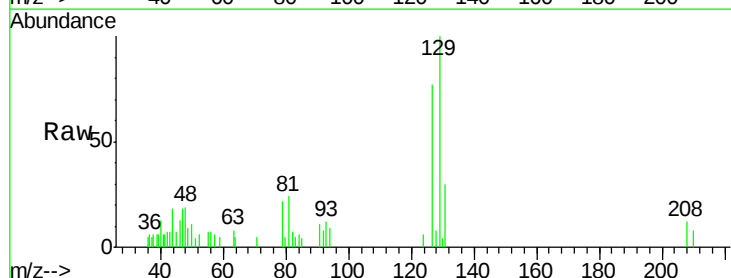
Acq: 26 Jun 2020 04:24

Tgt Ion:129 Resp: 4361

Ion Ratio Lower Upper

129 100

127 77.3 54.1 100.5



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

