

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031220\
 Data File : VV014863.D
 Acq On : 12 Mar 2020 13:15
 Operator : SY/MD
 Sample : L1858-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFRG0

Quant Time: Mar 13 03:31:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 12 12:52:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	414183	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	402504	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	193725	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	120622	43.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.08%
7) Chloroethane-d5	1.58	69	93163	42.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.08%
11) 1,1-Dichloroethene-d2	2.12	63	150614	32.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.68%
21) 2-Butanone-d5	3.93	46	150711	72.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	72.09%
24) Chloroform-d	4.38	84	245472	46.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.50%
26) 1,2-Dichloroethane-d4	5.06	65	164544	45.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.28%
32) Benzene-d6	5.08	84	497526	46.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.62%
36) 1,2-Dichloropropane-d6	6.10	67	151375	42.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.94%
41) Toluene-d8	7.34	98	472992	45.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.88%
43) trans-1,3-Dichloropropene-	7.64	79	72027	41.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.76%
47) 2-Hexanone-d5	8.12	63	142414	91.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.06%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	212181	43.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	187702	48.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.76%

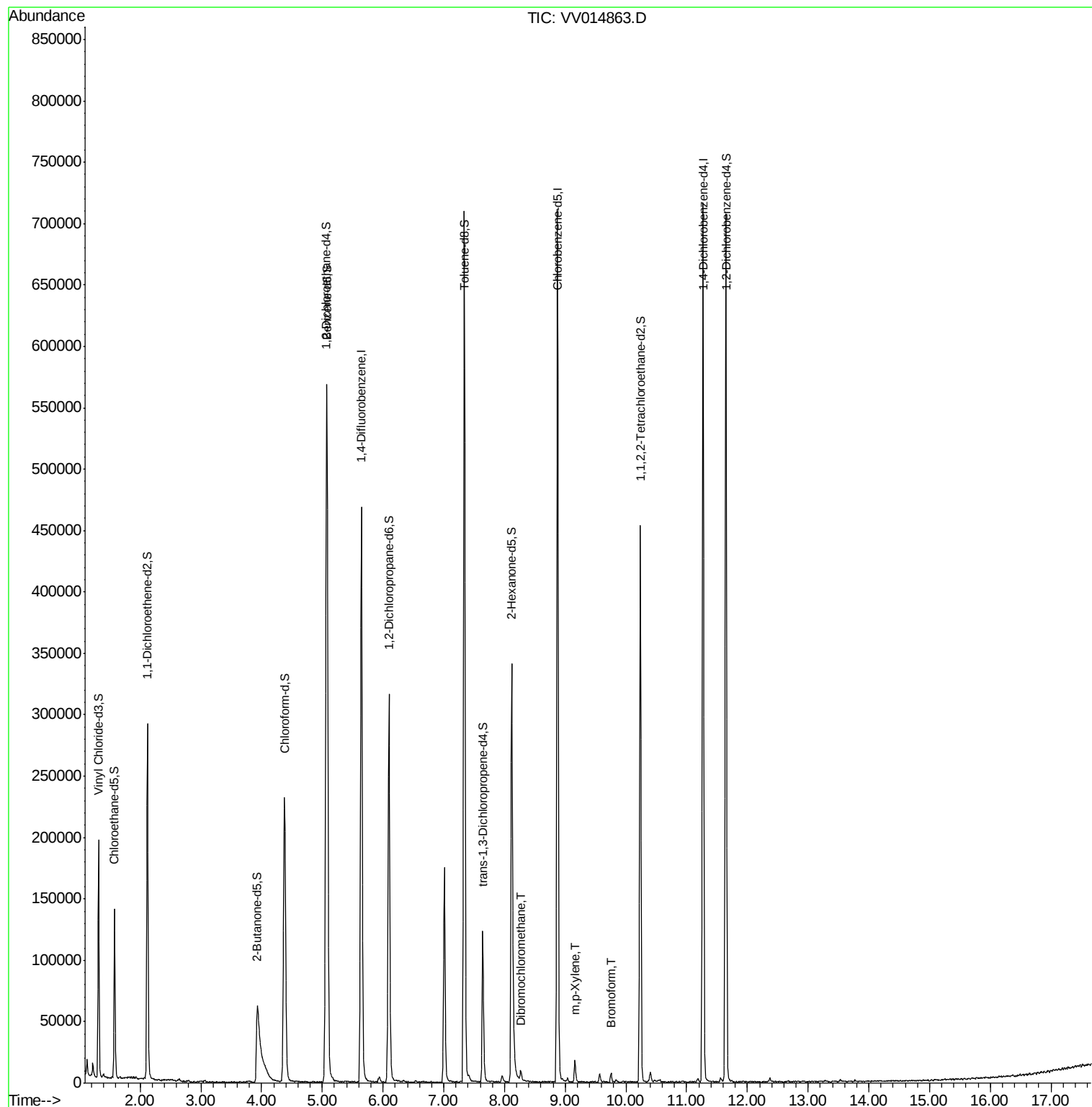
Target Compounds					Ovalue
49) Dibromochloromethane	8.27	129	2836	0.897 ug/L	98
53) m,p-Xylene	9.16	106	5321	0.978 ug/L	87
61) Bromoform	9.76	173	3458	1.645 ug/L #	98

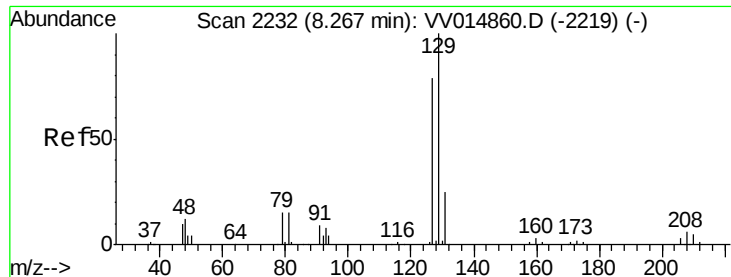
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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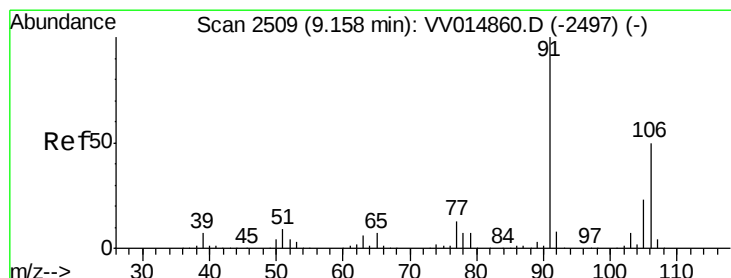
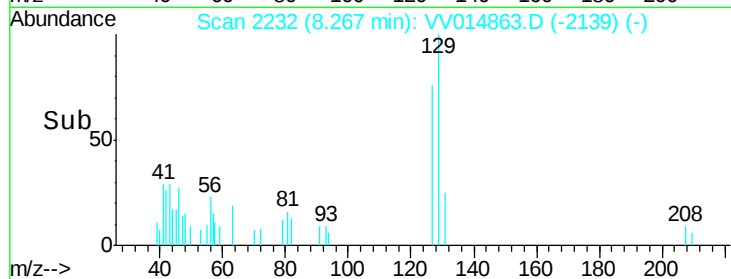
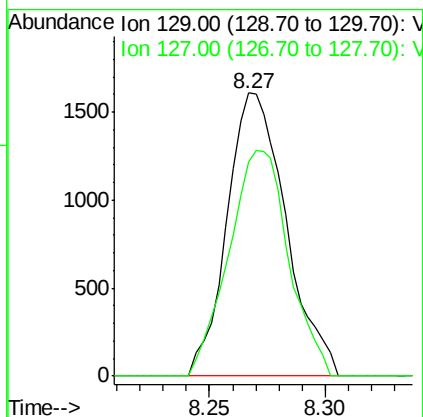
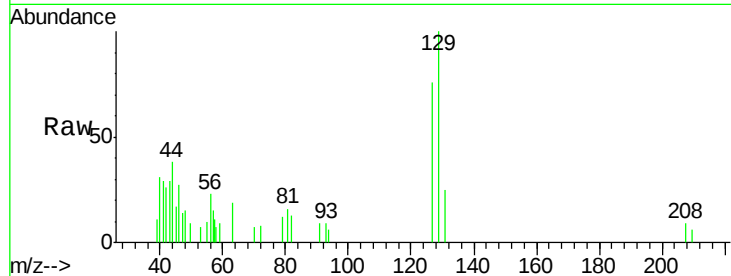




#49
 Dibromochloromethane
 Concen: 0.897 ug/L
 RT: 8.27 min Scan# 2232
 Delta R.T. -0.00 min
 Lab File: VV014863.D
 Acq: 12 Mar 2020 13:15

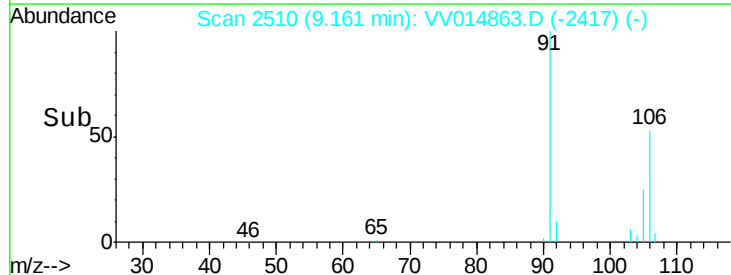
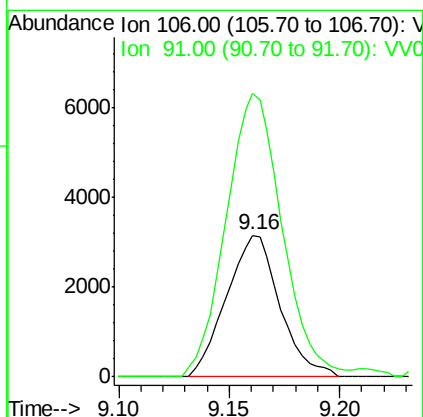
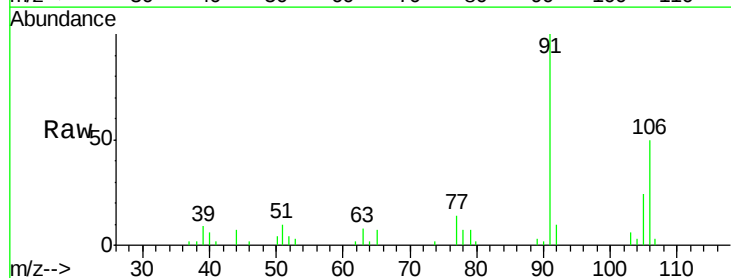
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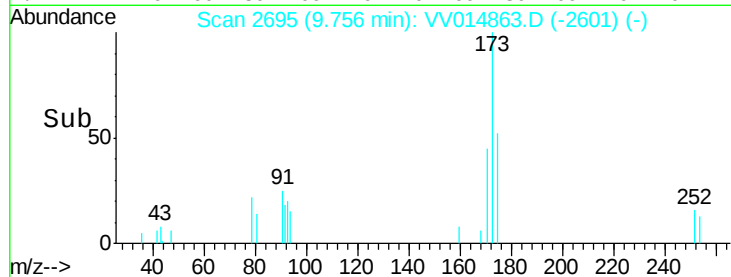
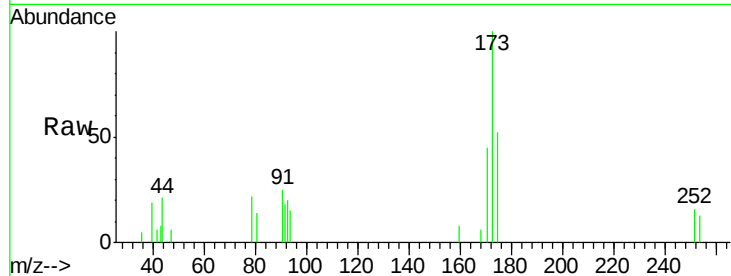
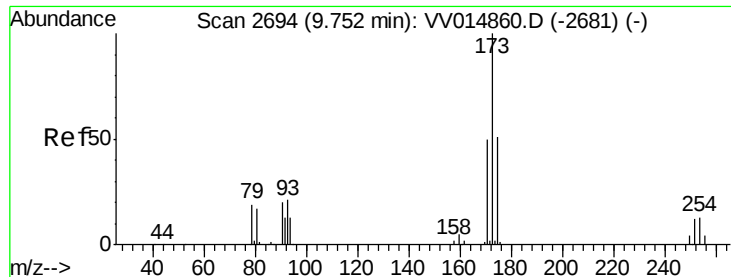
Tot Ion:129 Resp: 2836
 Ion Ratio Lower Upper
 129 100
 127 75.6 53.9 100.1



#53
 m,p-Xylene
 Concen: 0.978 ug/L
 RT: 9.16 min Scan# 2510
 Delta R.T. -0.00 min
 Lab File: VV014863.D
 Acq: 12 Mar 2020 13:15

Tgt Ion:106 Resp: 5321
 Ion Ratio Lower Upper
 106 100
 91 186.6 145.1 269.5





#61

Bromoform

Concen: 1.645 ug/L

RT: 9.76 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VV014863.D

Acq: 12 Mar 2020 13:15

Instrument :
MSVOA_V
ClientSampleId :
BFRG0

Tot Ion:173 Resp: 3458

Ion Ratio Lower Upper

173 100

175 48.2 39.0 58.4

254 7.4 8.6 13.0#

