

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032621\
 Data File : VW020774.D
 Acq On : 26 Mar 2021 22:28
 Operator : SY/MD
 Sample : M1824-04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4S9

Quant Time: Mar 27 08:23:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 27 08:21:41 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

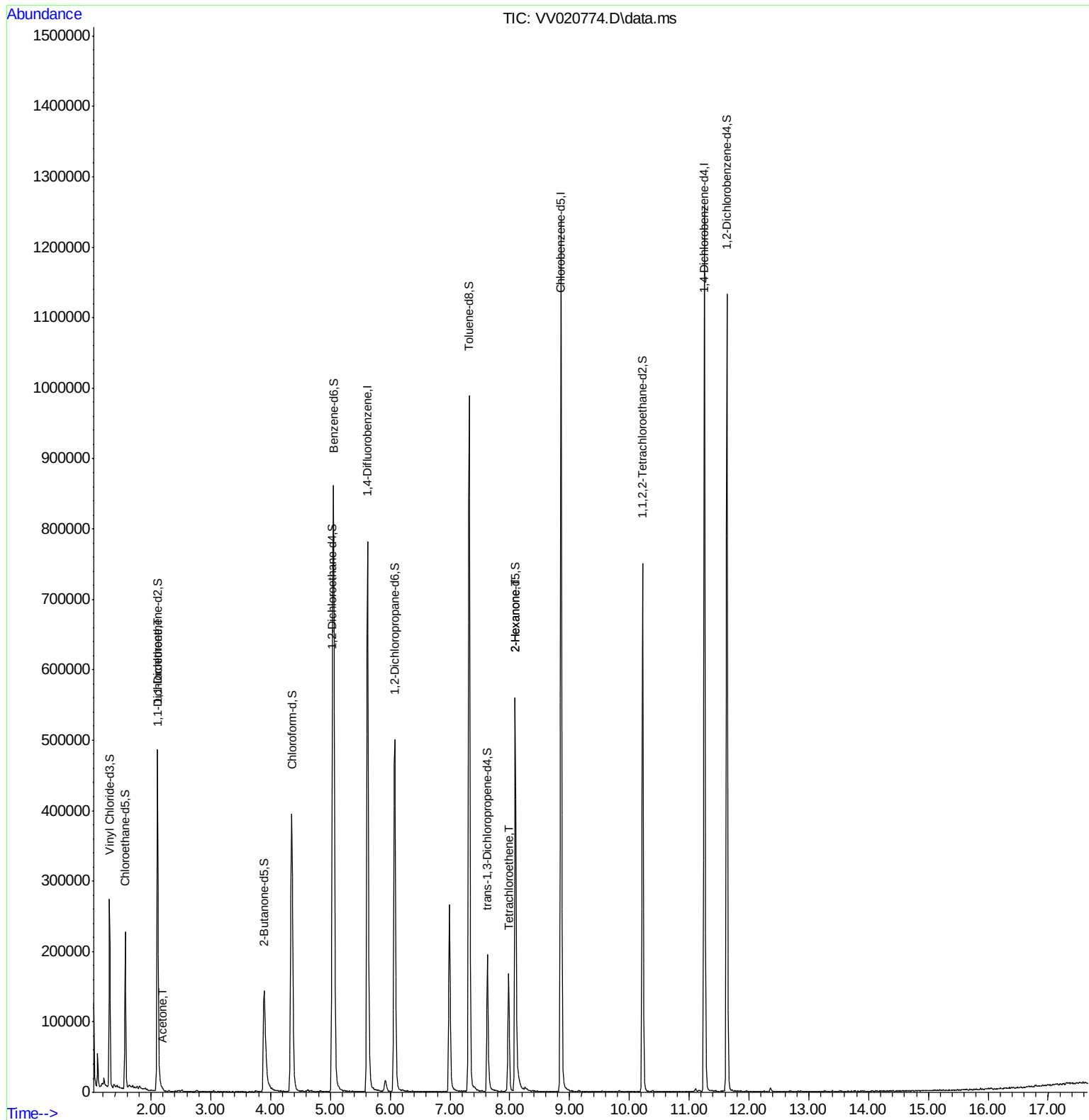
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	666014	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	658204	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	318618	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	150977	31.93	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	63.86%		
7) Chloroethane-d5	1.571	69	133236	37.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	74.54%		
11) 1,1-Dichloroethene-d2	2.111	63	252099	28.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	56.52%#		
21) 2-Butanone-d5	3.892	46	261764	85.09	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	85.09%		
24) Chloroform-d	4.352	84	407240	43.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.66%		
26) 1,2-Dichloroethane-d4	5.034	65	279022	45.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.14%		
32) Benzene-d6	5.053	84	713015	40.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.28%		
36) 1,2-Dichloropropane-d6	6.072	67	230171	42.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.46%		
41) Toluene-d8	7.320	98	645603	39.53	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	79.06%#		
43) trans-1,3-Dichloroprop...	7.625	79	115689	40.37	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.74%		
47) 2-Hexanone-d5	8.091	63	189157	83.76	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	83.76%		
57) 1,1,2,2-Tetrachloroeth...	10.223	84	334107	42.58	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.16%		
64) 1,2-Dichlorobenzene-d4	11.631	152	295141	47.73	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.46%		
Target Compounds						
12) 1,1-Dichloroethene	2.114	96	3327	0.86	ug/L #	1
13) Acetone	2.185	43	7361	3.36	ug/L	78
46) Tetrachloroethene	7.982	164	39345	9.47	ug/L	93
48) 2-Hexanone	8.091	43	22100	4.53	ug/L #	66

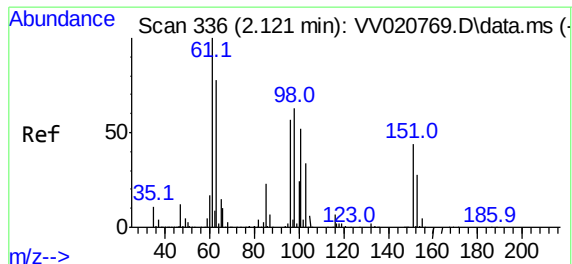
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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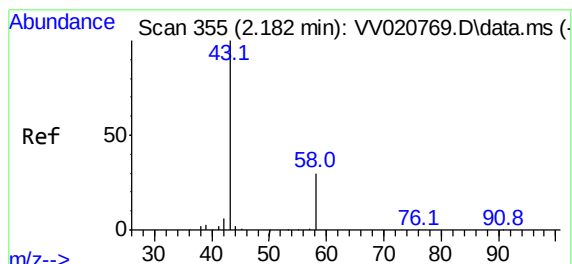
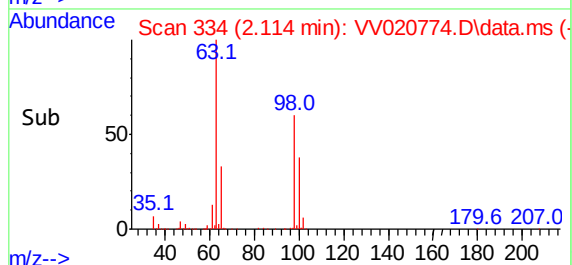
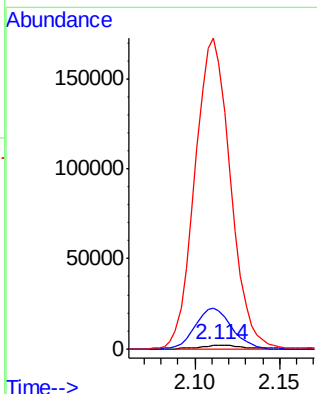
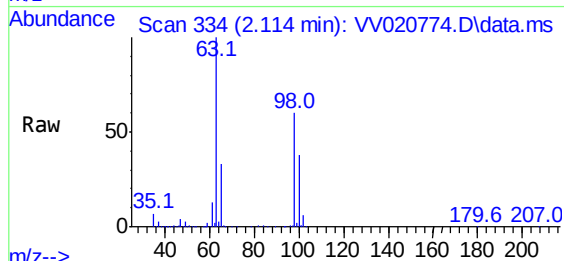




#12
1,1-Dichloroethene
Concen: 0.86 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.006 min
Lab File: VV020774.D
Acq: 26 Mar 2021 22:28

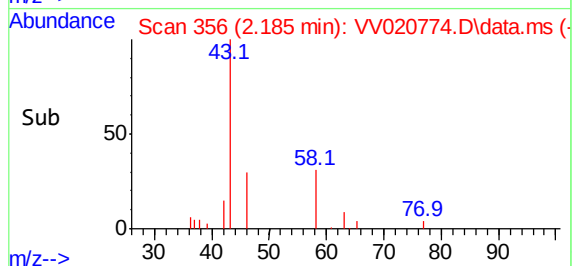
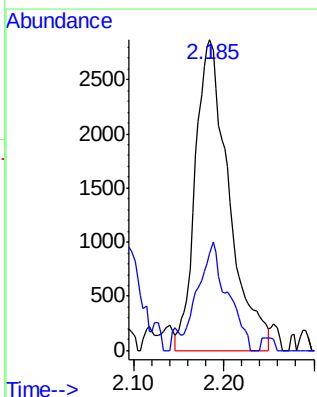
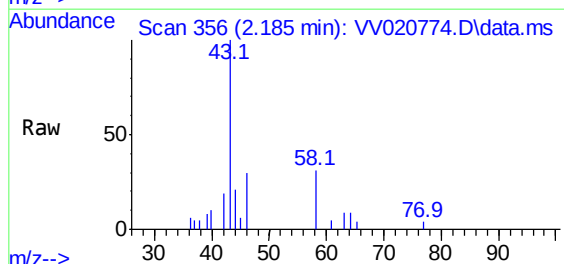
Instrument :
MSVOA_V
ClientSampleId :
BG4S9

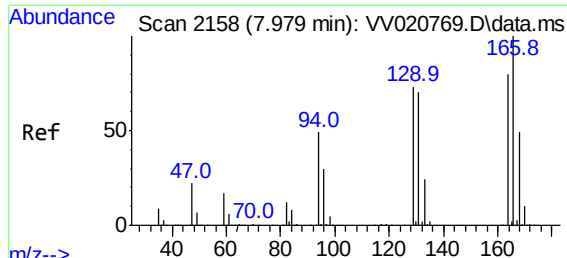
Tgt Ion: 96 Resp: 3327
Ion Ratio Lower Upper
96 100
61 916.5 126.3 234.6#
63 6972.6 100.2 186.2#



#13
Acetone
Concen: 3.36 ug/L
RT: 2.185 min Scan# 356
Delta R.T. 0.003 min
Lab File: VV020774.D
Acq: 26 Mar 2021 22:28

Tgt Ion: 43 Resp: 7361
Ion Ratio Lower Upper
43 100
58 18.2 0.0 60.8



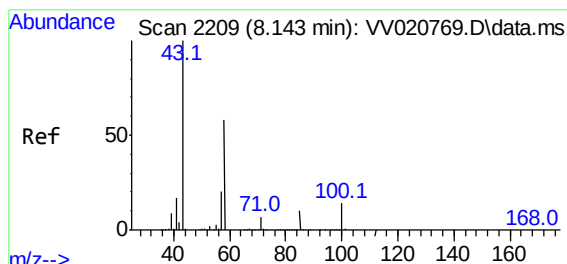
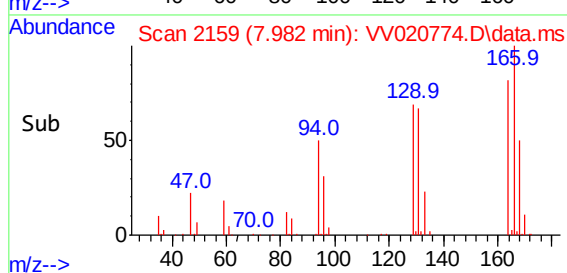
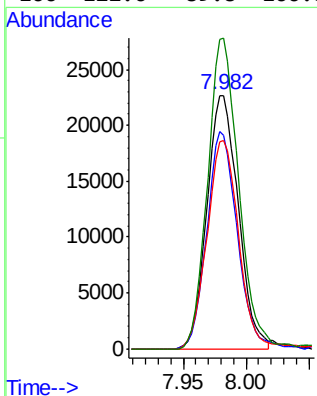
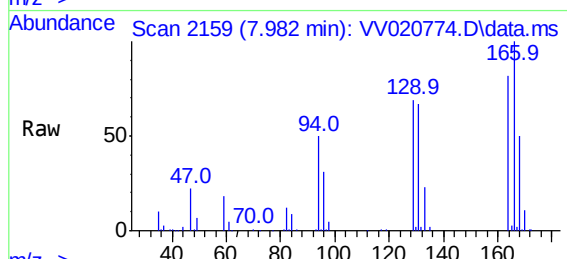


#46
Tetrachloroethene
Concen: 9.47 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.003 min
Lab File: VV020774.D
Acq: 26 Mar 2021 22:28

Instrument :
MSVOA_V
ClientSampled :
BG4S9

Tgt Ion:164 Resp: 39345

Ion	Ratio	Lower	Upper
164	100		
129	84.2	64.3	119.5
131	82.1	63.5	117.9
166	122.6	89.8	166.8



#48
2-Hexanone
Concen: 4.53 ug/L
RT: 8.091 min Scan# 2193
Delta R.T. -0.051 min
Lab File: VV020774.D
Acq: 26 Mar 2021 22:28

Tgt Ion: 43 Resp: 22100

Ion	Ratio	Lower	Upper
43	100		
58	29.9	45.8	68.8#
57	33.6	15.4	23.2#
100	2.2	10.2	15.4#

