

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011521\
 Data File : VW020024.D
 Acq On : 15 Jan 2021 15:12
 Operator : SY/MD
 Sample : M1147-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4Y3

Quant Time: Jan 16 04:46:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 16 04:43:48 2021
 Response via : Initial Calibration

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

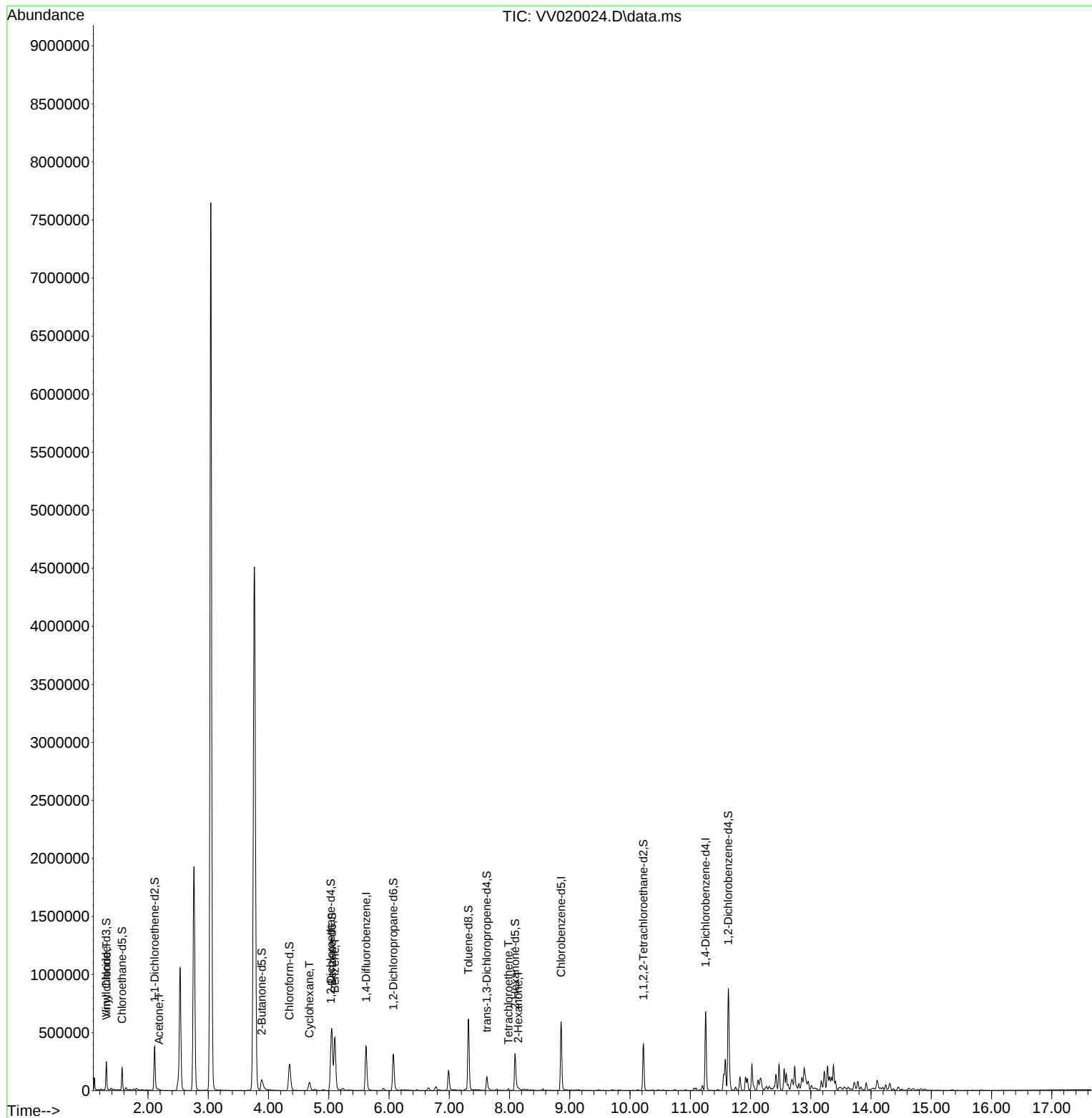
Internal Standards						
1) 1,4-Difluorobenzene	5.617	114	300752	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.855	117	293150	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	154727	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	124209	48.96	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	97.92%		
7) Chloroethane-d5	1.569	69	113774	56.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	112.38%		
11) 1,1-Dichloroethene-d2	2.110	63	198764	39.78	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.56%		
21) 2-Butanone-d5	3.888	46	166497	101.17	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	101.17%		
24) Chloroform-d	4.347	84	229843	50.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.60%		
26) 1,2-Dichloroethane-d4	5.032	65	162393	52.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.54%		
32) Benzene-d6	5.052	84	422151	51.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.04%		
36) 1,2-Dichloropropane-d6	6.071	67	134064	51.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	103.80%		
41) Toluene-d8	7.318	98	379059	50.55	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.10%		
43) trans-1,3-Dichloroprop...	7.624	79	62011	46.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.52%		
47) 2-Hexanone-d5	8.090	63	98082	94.71	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.71%		
57) 1,1,2,2-Tetrachloroeth...	10.222	84	176960	50.67	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.34%		
64) 1,2-Dichlorobenzene-d4	11.630	152	161140	53.92	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.84%		
Target Compounds						Qvalue
5) Vinyl chloride	1.312	62	9081	3.22	ug/L #	76
13) Acetone	2.180	43	13721	9.44	ug/L	97
29) Cyclohexane	4.679	56	32972	9.51	ug/L	96
33) Benzene	5.100	78	432250	50.79	ug/L	100
46) Tetrachloroethene	7.981	164	2840	1.62	ug/L	97
48) 2-Hexanone	8.145	43	7161	2.68	ug/L #	84

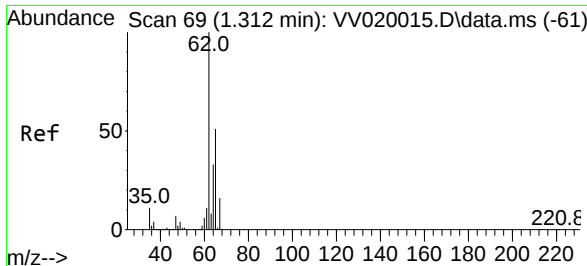
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jan 16 04:43:48 2021
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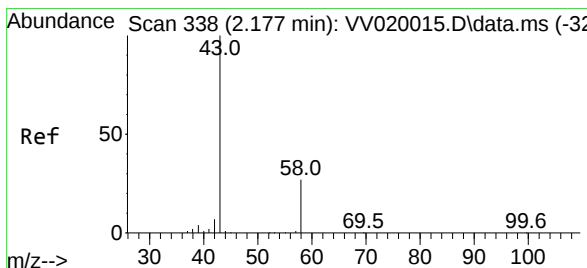
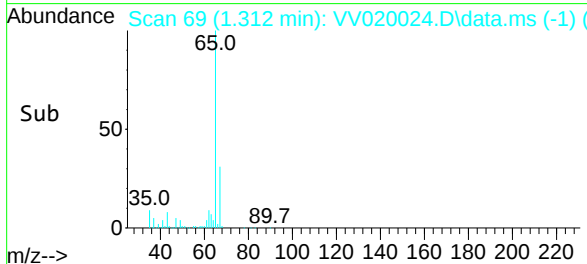
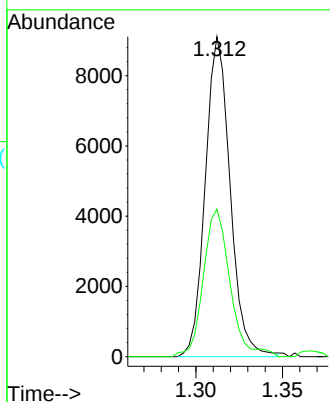
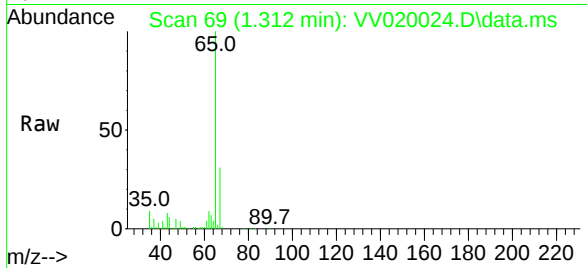




#5
 Vinyl chloride
 Concen: 3.22 ug/L
 RT: 1.312 min Scan# 69
 Delta R.T. -0.000 min
 Lab File: VV020024.D
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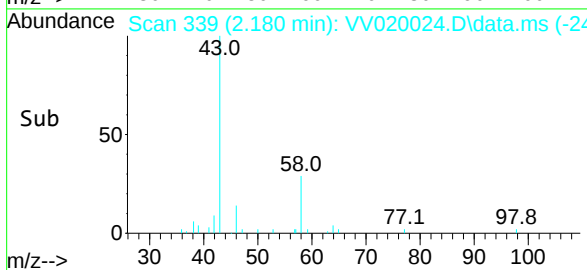
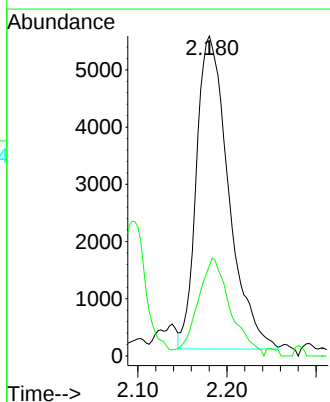
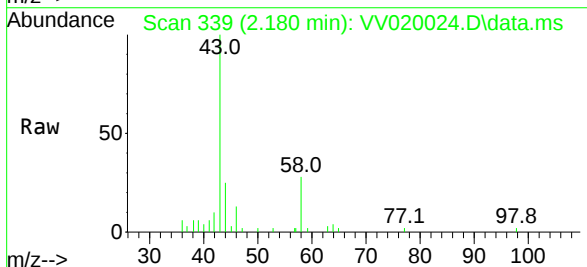
Instrument :
 MSVOA_V
 ClientSampleId :
 BG4Y3

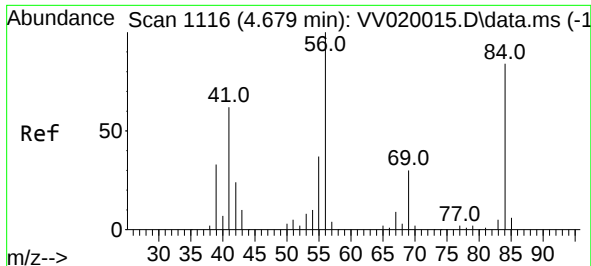
Tgt Ion: 62 Resp: 9081
 Ion Ratio Lower Upper
 62 100
 64 46.1 23.0 42.6#



#13
 Acetone
 Concen: 9.44 ug/L
 RT: 2.180 min Scan# 339
 Delta R.T. 0.003 min
 Lab File: VV020024.D
 Acq: 15 Jan 2021 15:12

Tgt Ion: 43 Resp: 13721
 Ion Ratio Lower Upper
 43 100
 58 31.6 0.0 60.2





#29

Cyclohexane

Concen: 9.51 ug/L

RT: 4.679 min Scan# 1116

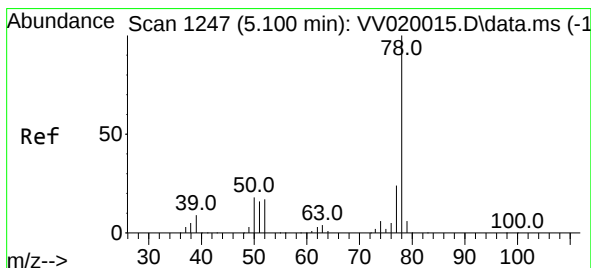
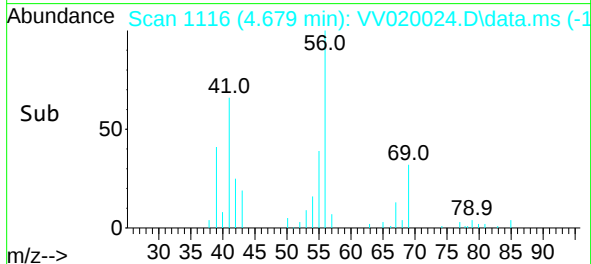
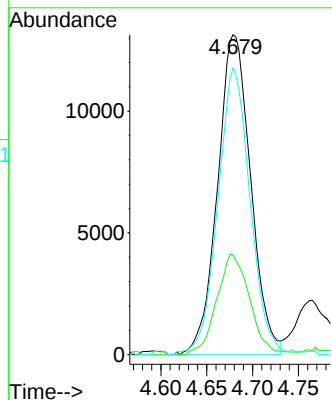
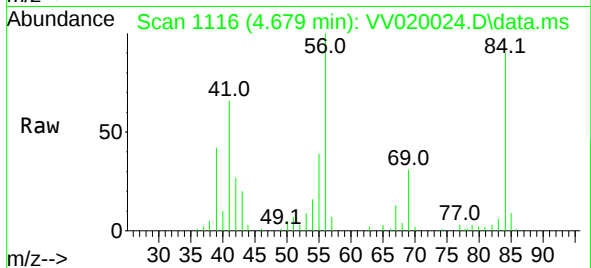
Delta R.T. -0.000 min

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Acq: 15 Jan 2021 15:12

Instrument :
MSVOA_V
ClientSampleId :
BG4Y3

Tgt Ion:	56	Resp:	32972
Ion	Ratio	Lower	Upper
56	100		
69	31.3	24.2	36.2
84	87.3	66.3	99.5



#33

Benzene

Concen: 50.79 ug/L

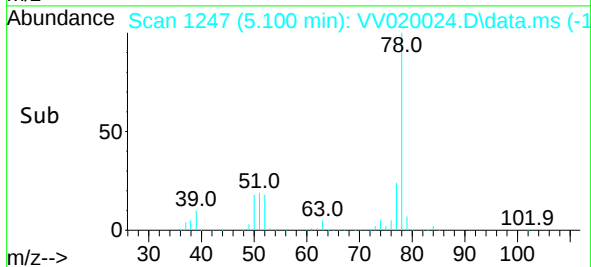
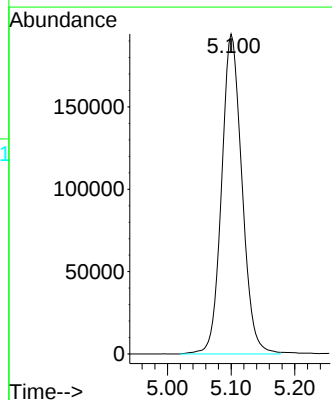
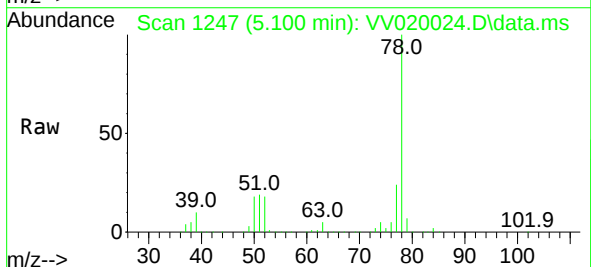
RT: 5.100 min Scan# 1247

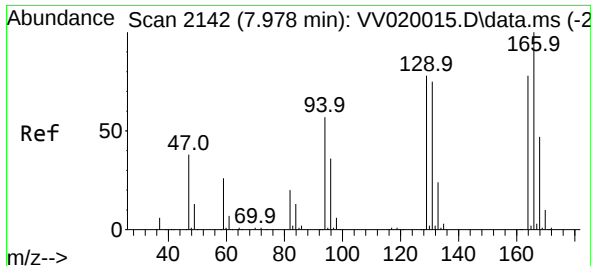
Delta R.T. -0.000 min

Lab File: VV020024.D

Acq: 15 Jan 2021 15:12

Tgt Ion: 78 Resp: 432250



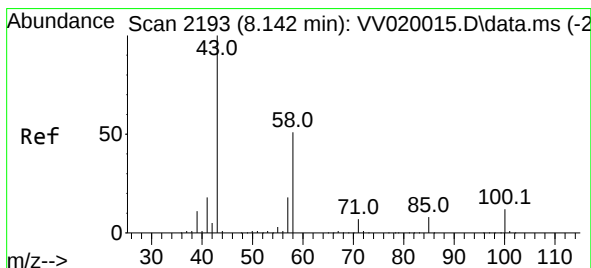
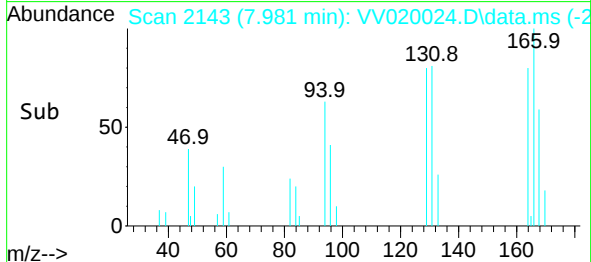
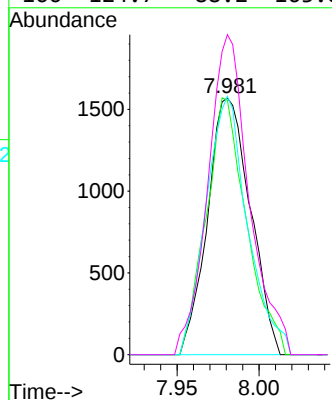
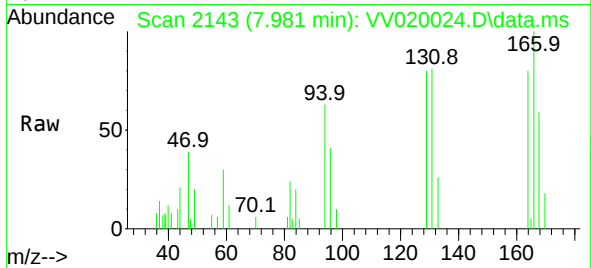


#46
Tetrachloroethene
Concen: 1.62 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. 0.003 min
Lab File: VV020024.D
Acq: 15 Jan 2021 15:12

Instrument :
MSVOA_V
ClientSampled :
BG4Y3

Tgt Ion:164 Resp: 2840

Ion	Ratio	Lower	Upper
164	100		
129	99.2	70.6	131.0
131	100.7	66.8	124.0
166	124.7	88.2	163.8



#48
2-Hexanone
Concen: 2.68 ug/L
RT: 8.145 min Scan# 2194
Delta R.T. 0.003 min
Lab File: VV020024.D
Acq: 15 Jan 2021 15:12

Tgt Ion: 43 Resp: 7161

Ion	Ratio	Lower	Upper
43	100		
58	61.8	41.8	62.6
57	6.2	15.0	22.4#
100	14.1	8.9	13.3#

