

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012221\
 Data File : VW020146.D
 Acq On : 22 Jan 2021 19:23
 Operator : SY/MD
 Sample : M1201-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG500

Quant Time: Jan 23 00:18:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 23 00:14:09 2021
 Response via : Initial Calibration

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

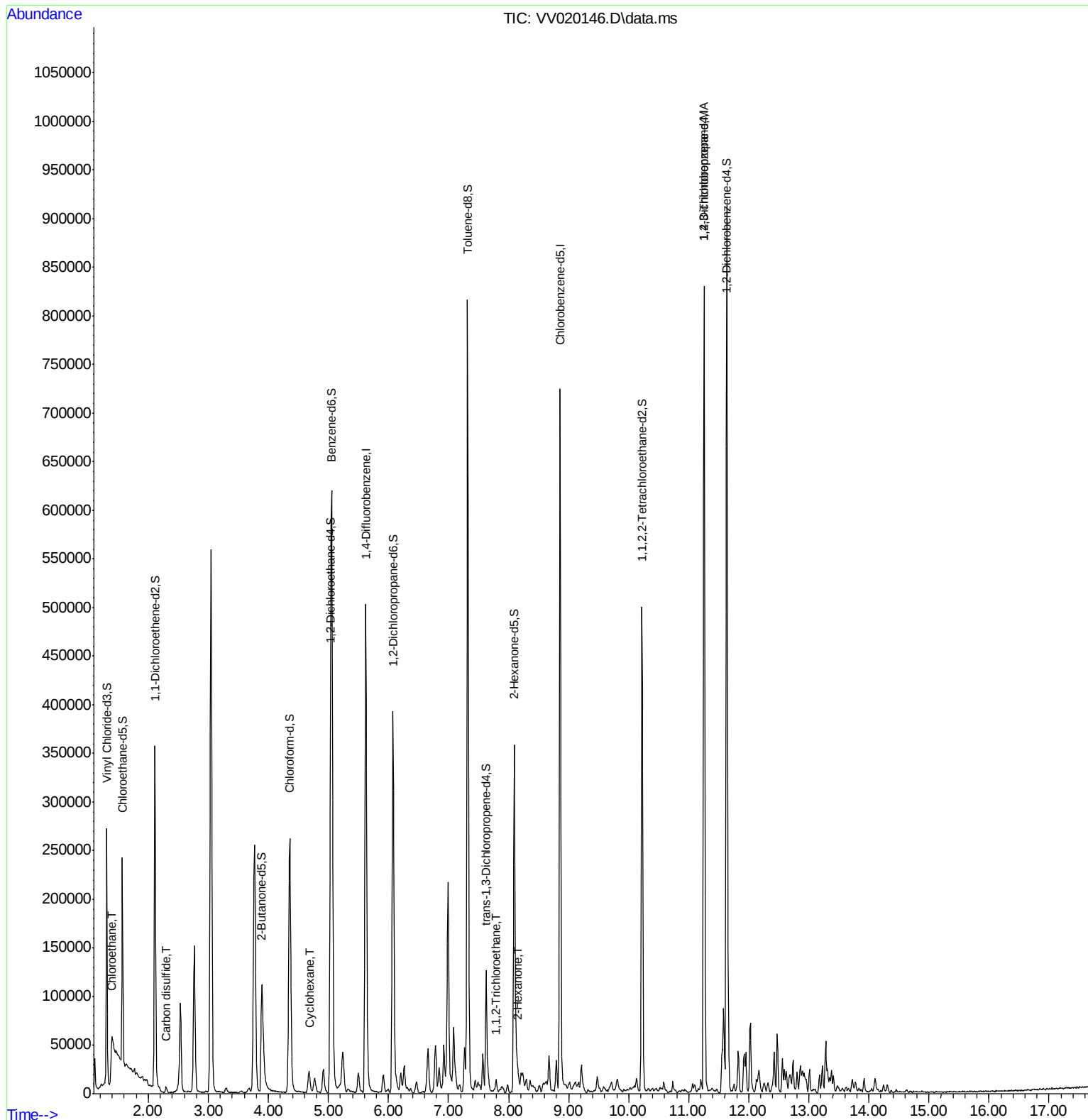
Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	413316	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	385081	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	213413	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	150122	48.97	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	97.94%		
7) Chloroethane-d5	1.569	69	130388	50.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	101.62%		
11) 1,1-Dichloroethene-d2	2.110	63	184692	30.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	60.32%		
21) 2-Butanone-d5	3.891	46	198761	94.54	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.54%		
24) Chloroform-d	4.354	84	260249	45.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.64%		
26) 1,2-Dichloroethane-d4	5.036	65	188360	47.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.66%		
32) Benzene-d6	5.055	84	497820	46.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.88%		
36) 1,2-Dichloropropane-d6	6.074	67	181445	54.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	108.40%		
41) Toluene-d8	7.318	98	509315	51.62	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.24%		
43) trans-1,3-Dichloroprop...	7.624	79	70410	42.98	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.96%		
47) 2-Hexanone-d5	8.093	63	108587	78.02	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	78.02%		
57) 1,1,2,2-Tetrachloroeth...	10.222	84	222193	48.48	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.96%		
64) 1,2-Dichlorobenzene-d4	11.633	152	209356	52.21	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.42%		
Target Compounds						
8) Chloroethane	1.396	64	119015	51.84	ug/L #	52
14) Carbon disulfide	2.299	76	8108	0.99	ug/L	96
29) Cyclohexane	4.682	56	3148	0.70	ug/L #	21
45) 1,1,2-Trichloroethane	7.794	97	5013	1.68	ug/L #	18
48) 2-Hexanone	8.151	43	11022	3.14	ug/L #	90
59) 1,2,3-Trichloropropane	11.254	75	24045	6.02	ug/L	90

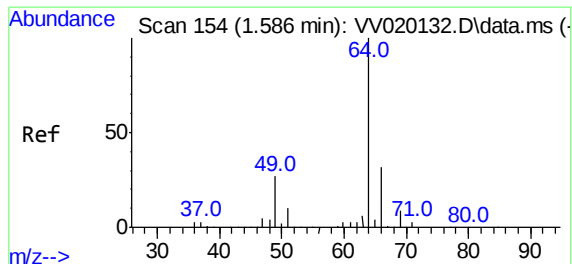
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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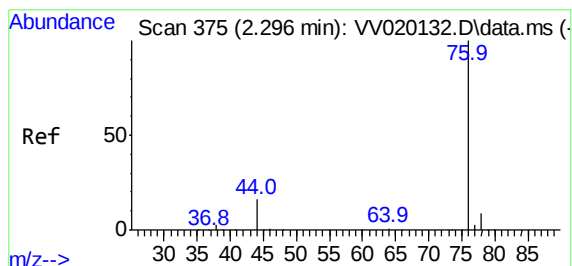
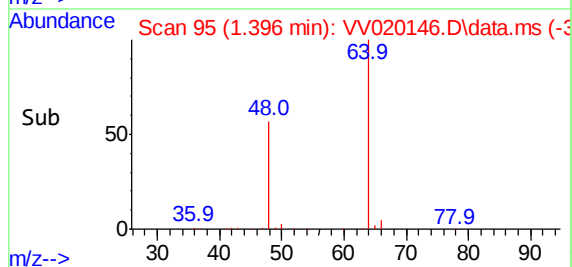
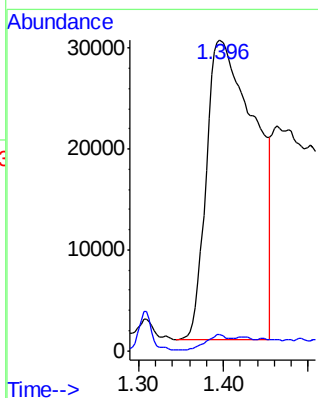
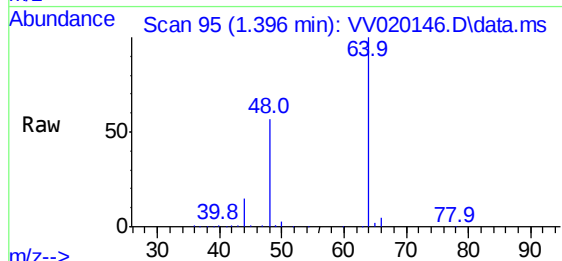




#8
Chloroethane
Concen: 51.84 ug/L
RT: 1.396 min Scan# 95
Delta R.T. -0.190 min
Lab File: VV020146.D
Acq: 22 Jan 2021 19:23

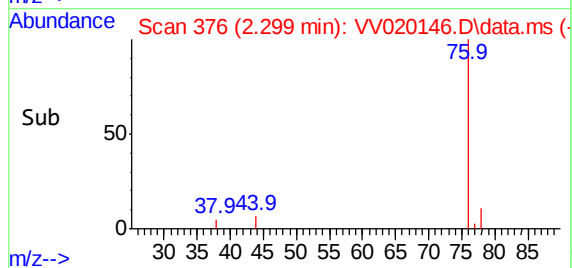
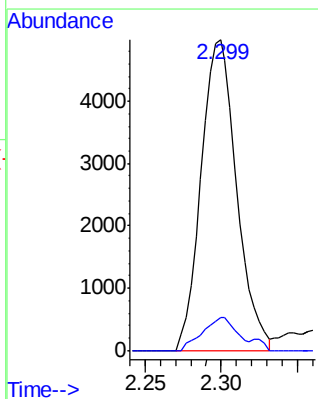
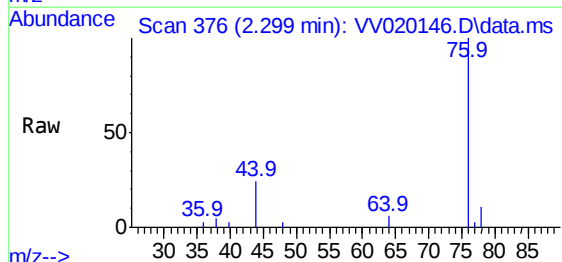
Instrument :
MSVOA_V
ClientSampleId :
BG500

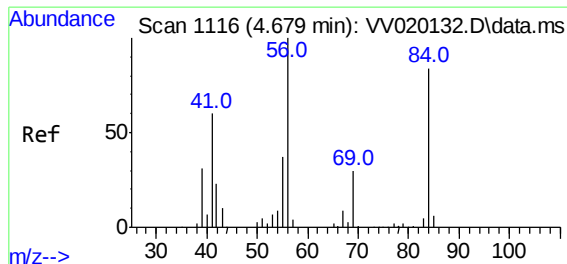
Tgt Ion: 64 Resp: 119015
Ion Ratio Lower Upper
64 100
66 5.3 22.4 41.6#



#14
Carbon disulfide
Concen: 0.99 ug/L
RT: 2.299 min Scan# 376
Delta R.T. 0.003 min
Lab File: VV020146.D
Acq: 22 Jan 2021 19:23

Tgt Ion: 76 Resp: 8108
Ion Ratio Lower Upper
76 100
78 10.5 7.2 10.8

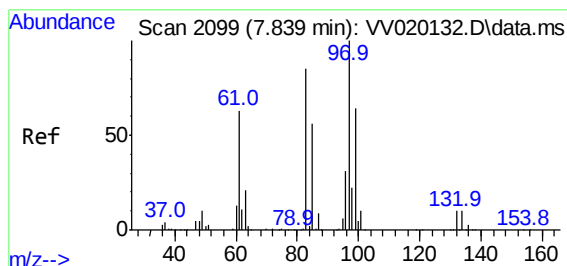
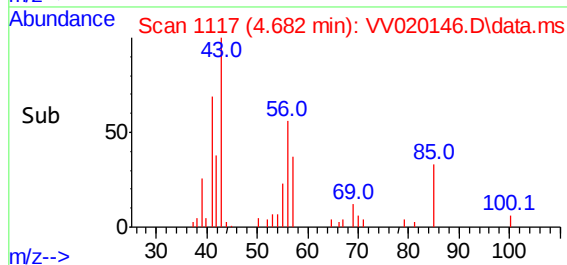
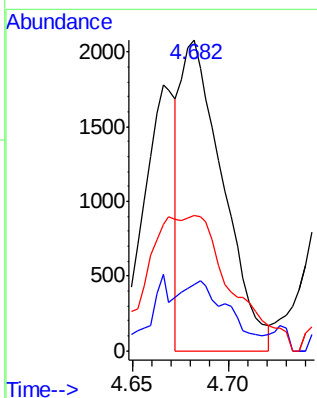
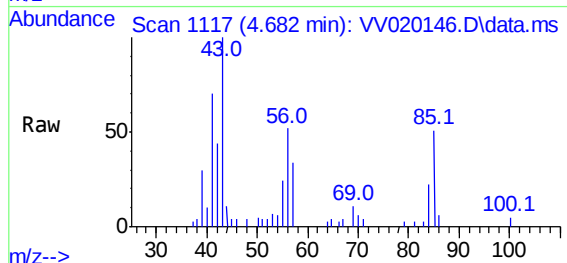




#29
Cyclohexane
Concen: 0.70 ug/L
RT: 4.682 min Scan# 1117
Delta R.T. 0.003 min
Lab File: VV020146.D
Acq: 22 Jan 2021 19:23

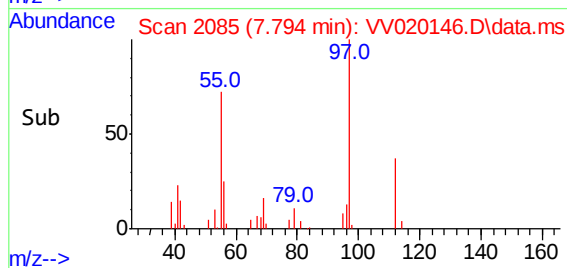
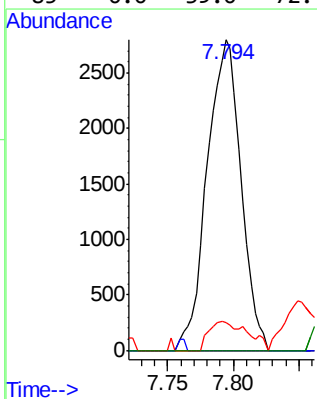
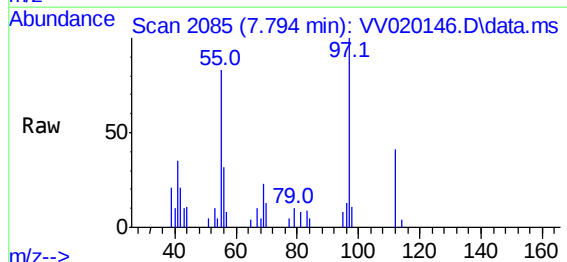
Instrument :
MSVOA_V
ClientSampled :
BG500

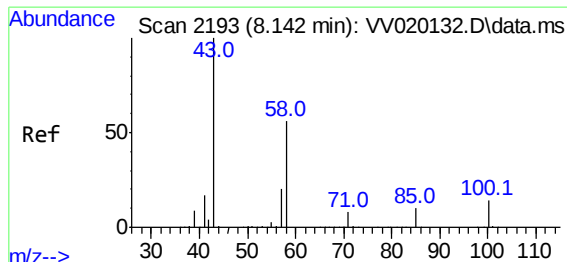
Tgt Ion: 56 Resp: 3148
Ion Ratio Lower Upper
56 100
69 7.1 24.2 36.2#
84 0.0 66.3 99.5#



#45
1,1,2-Trichloroethane
Concen: 1.68 ug/L
RT: 7.794 min Scan# 2085
Delta R.T. -0.045 min
Lab File: VV020146.D
Acq: 22 Jan 2021 19:23

Tgt Ion: 97 Resp: 5013
Ion Ratio Lower Upper
97 100
99 0.0 43.8 81.3#
83 9.1 62.2 115.4#
85 0.0 39.0 72.4#

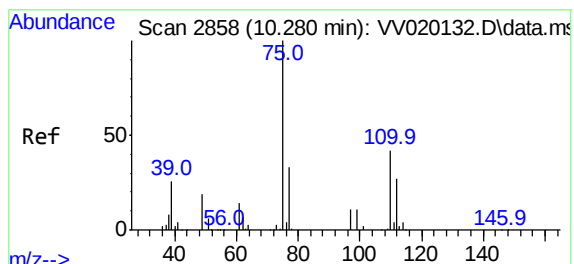
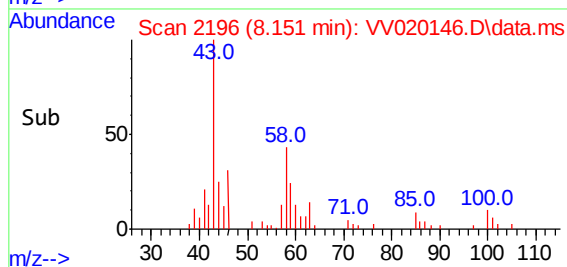
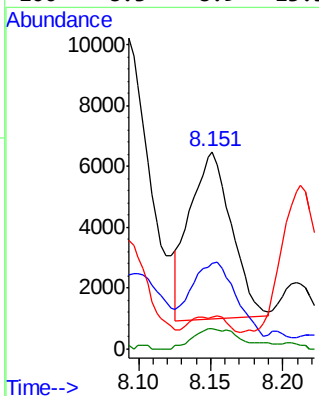
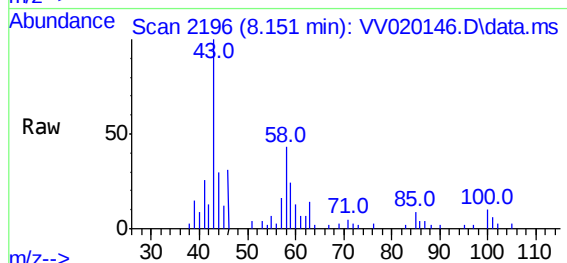




#48
2-Hexanone
Concen: 3.14 ug/L
RT: 8.151 min Scan# 2196
Delta R.T. 0.010 min
Lab File: VV020146.D
Acq: 22 Jan 2021 19:23

Instrument :
MSVOA_V
ClientSampleId :
BG500

Tgt Ion: 43 Resp: 11022
Ion Ratio Lower Upper
43 100
58 53.4 41.8 62.6
57 3.6 15.0 22.4#
100 8.3 8.9 13.3#



#59
1,2,3-Trichloropropane
Concen: 6.02 ug/L
RT: 11.254 min Scan# 3161
Delta R.T. 0.974 min
Lab File: VV020146.D
Acq: 22 Jan 2021 19:23

Tgt Ion: 75 Resp: 24045
Ion Ratio Lower Upper
75 100
77 37.3 25.4 38.0

