

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032921\
 Data File : VW020803.D
 Acq On : 29 Mar 2021 14:27
 Operator : SY/MD
 Sample : M1816-10
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3G3

Quant Time: Mar 30 04:44:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 30 04:39:28 2021
 Response via : Initial Calibration

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

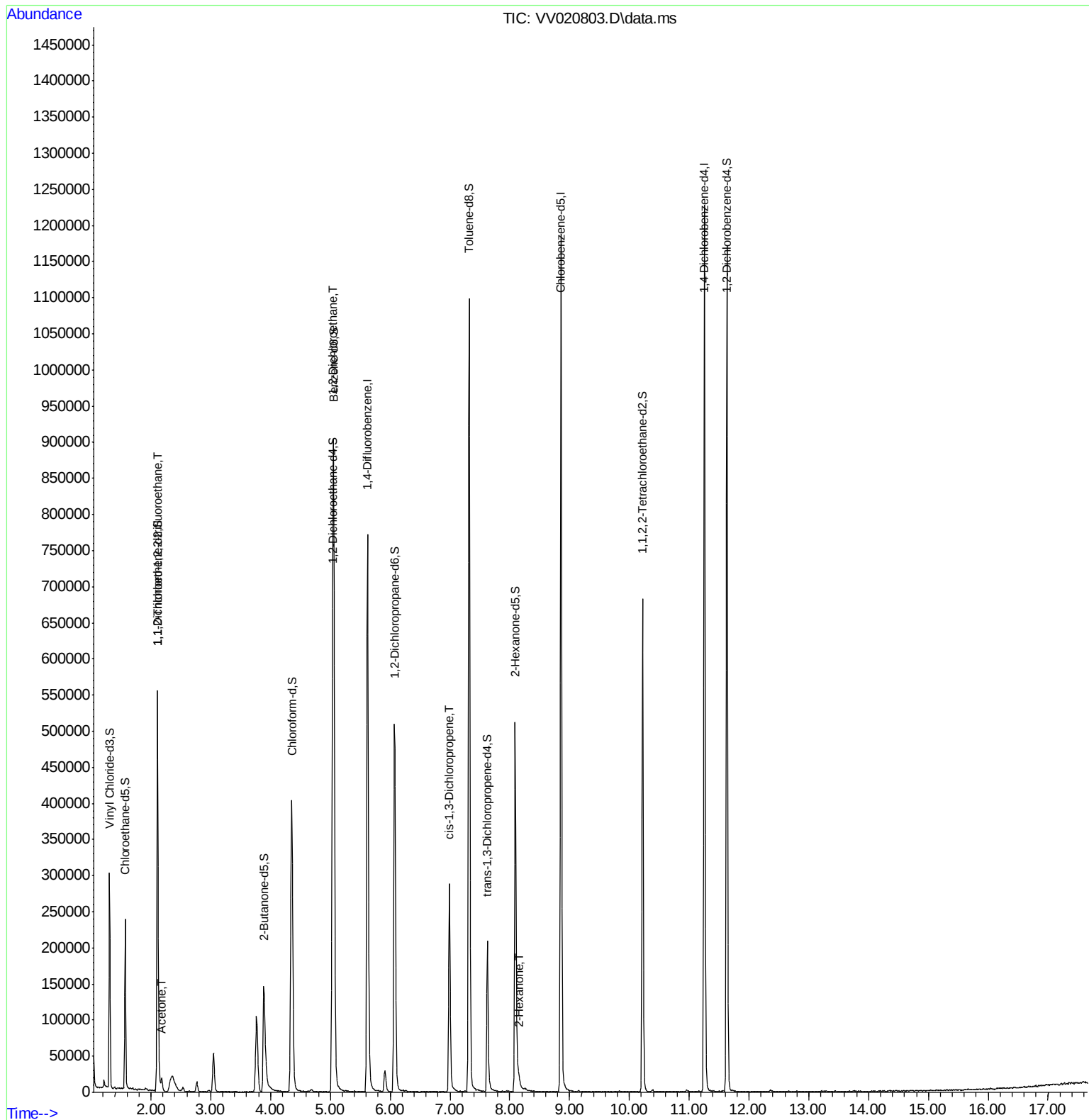
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	661958	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	644107	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	321589	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	177593	37.79	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.58%		
7) Chloroethane-d5	1.571	69	141808	39.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	79.82%		
11) 1,1-Dichloroethene-d2	2.111	63	285598	32.21	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.42%		
21) 2-Butanone-d5	3.886	46	254419	83.21	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.21%		
24) Chloroform-d	4.352	84	415489	44.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.96%		
26) 1,2-Dichloroethane-d4	5.037	65	288442	46.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.76%		
32) Benzene-d6	5.053	84	769528	44.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.64%		
36) 1,2-Dichloropropane-d6	6.072	67	236705	44.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.82%		
41) Toluene-d8	7.320	98	706399	44.20	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.40%		
43) trans-1,3-Dichloroprop...	7.625	79	122517	43.69	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.38%		
47) 2-Hexanone-d5	8.092	63	176111	79.69	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	79.69%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	303037	39.47	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	78.94%		
64) 1,2-Dichlorobenzene-d4	11.632	152	306194	49.06	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.12%		
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	2758	0.66	ug/L #	20
13) Acetone	2.179	43	21278	9.76	ug/L	99
27) 1,2-Dichloroethane	5.050	62	4665	0.67	ug/L	96
39) cis-1,3-Dichloropropene	6.989	75	8385	1.17	ug/L #	80
48) 2-Hexanone	8.146	43	7859	1.65	ug/L #	84

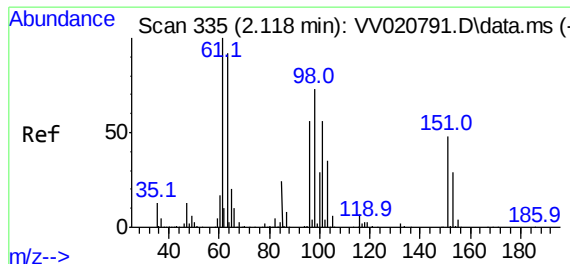
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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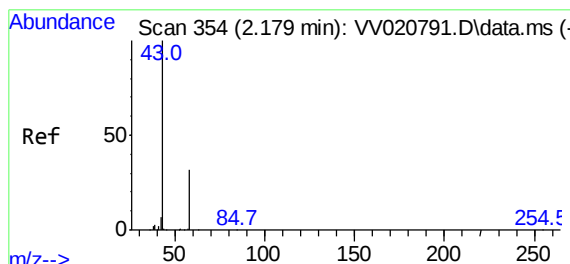
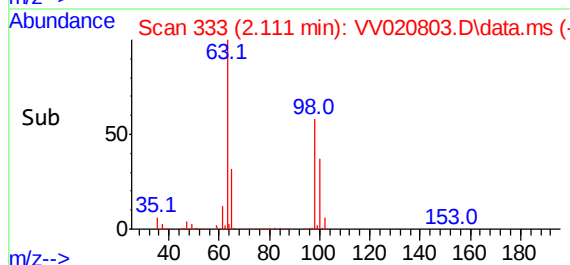
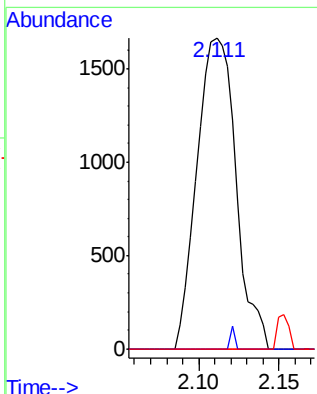
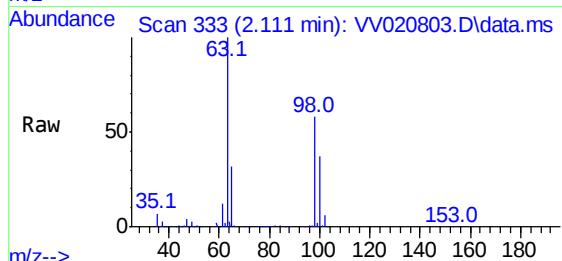




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.66 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.006 min
 Lab File: VV020803.D
 Acq: 29 Mar 2021 14:27

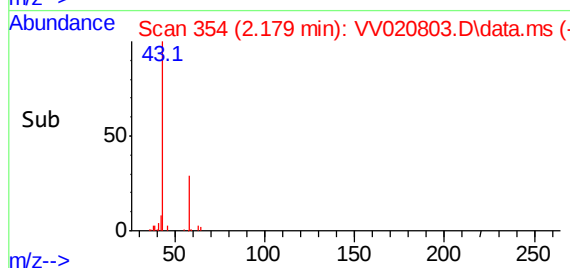
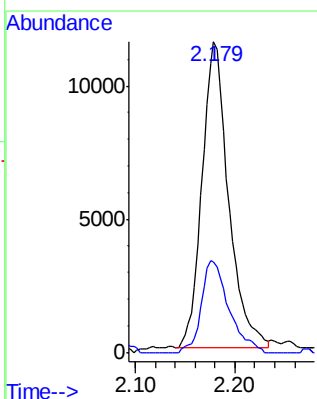
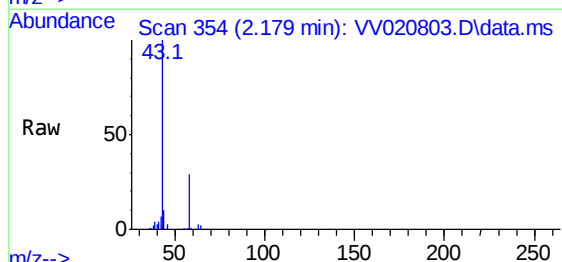
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3G3

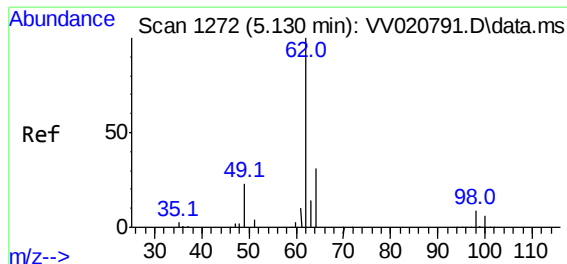
Tgt Ion:101 Resp: 2758
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.4 53.0#
 151 3.3 63.5 95.3#



#13
 Acetone
 Concen: 9.76 ug/L
 RT: 2.179 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VV020803.D
 Acq: 29 Mar 2021 14:27

Tgt Ion: 43 Resp: 21278
 Ion Ratio Lower Upper
 43 100
 58 30.9 0.0 60.8

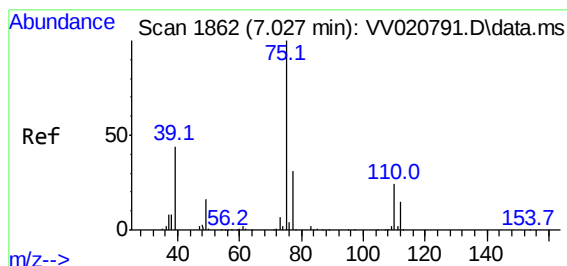
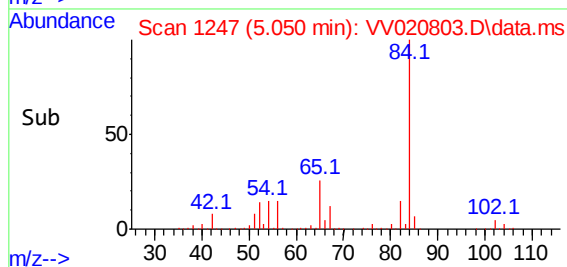
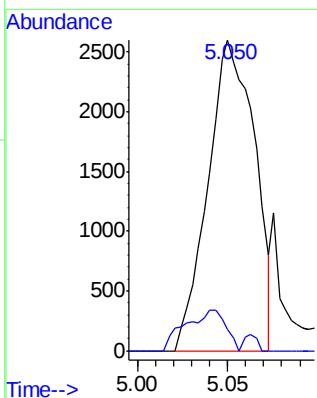
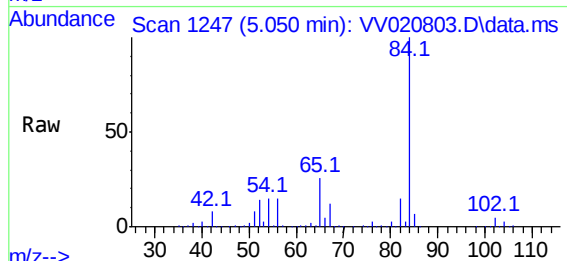




#27
1,2-Dichloroethane
Concen: 0.67 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. -0.080 min
Lab File: VV020803.D
Acq: 29 Mar 2021 14:27

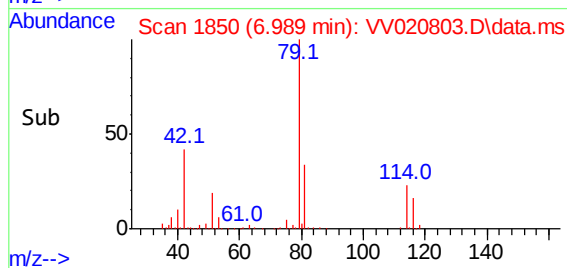
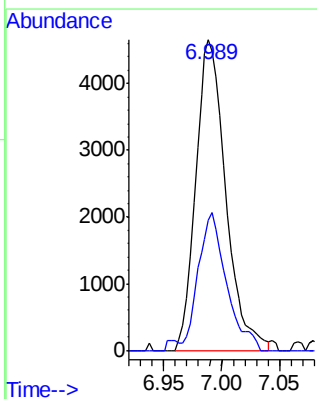
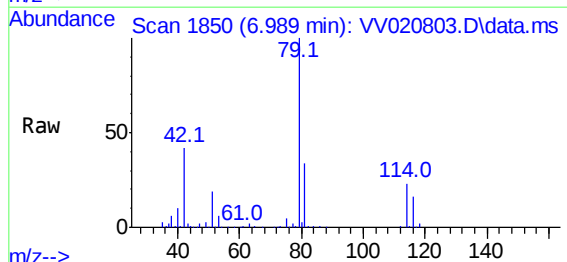
Instrument :
MSVOA_V
ClientSampled :
BG3G3

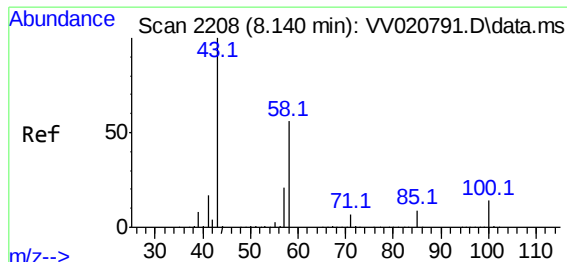
Tgt Ion: 62 Resp: 4665
Ion Ratio Lower Upper
62 100
98 6.9 6.8 10.2



#39
cis-1,3-Dichloropropene
Concen: 1.17 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.039 min
Lab File: VV020803.D
Acq: 29 Mar 2021 14:27

Tgt Ion: 75 Resp: 8385
Ion Ratio Lower Upper
75 100
77 42.0 21.7 40.3#





#48

2-Hexanone

Concen: 1.65 ug/L

RT: 8.146 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VV020803.D

Acq: 29 Mar 2021 14:27

Tgt Ion: 43 Resp: 7859

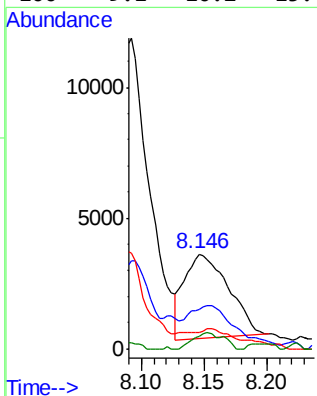
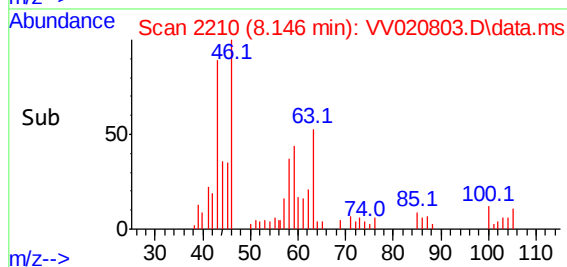
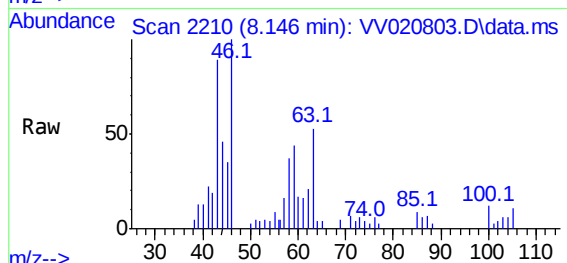
Ion Ratio Lower Upper

43 100

58 51.2 45.8 68.8

57 0.0 15.4 23.2#

100 9.1 10.2 15.4#



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MSVOA_V
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