

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032921\
 Data File : VW018487.D
 Acq On : 29 Mar 2021 15:42
 Operator : SY/VA
 Sample : M1859-01RE
 Misc : 5.81G/10ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG502RE

Quant Time: Mar 30 03:14:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 30 03:10:03 2021
 Response via : Initial Calibration

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

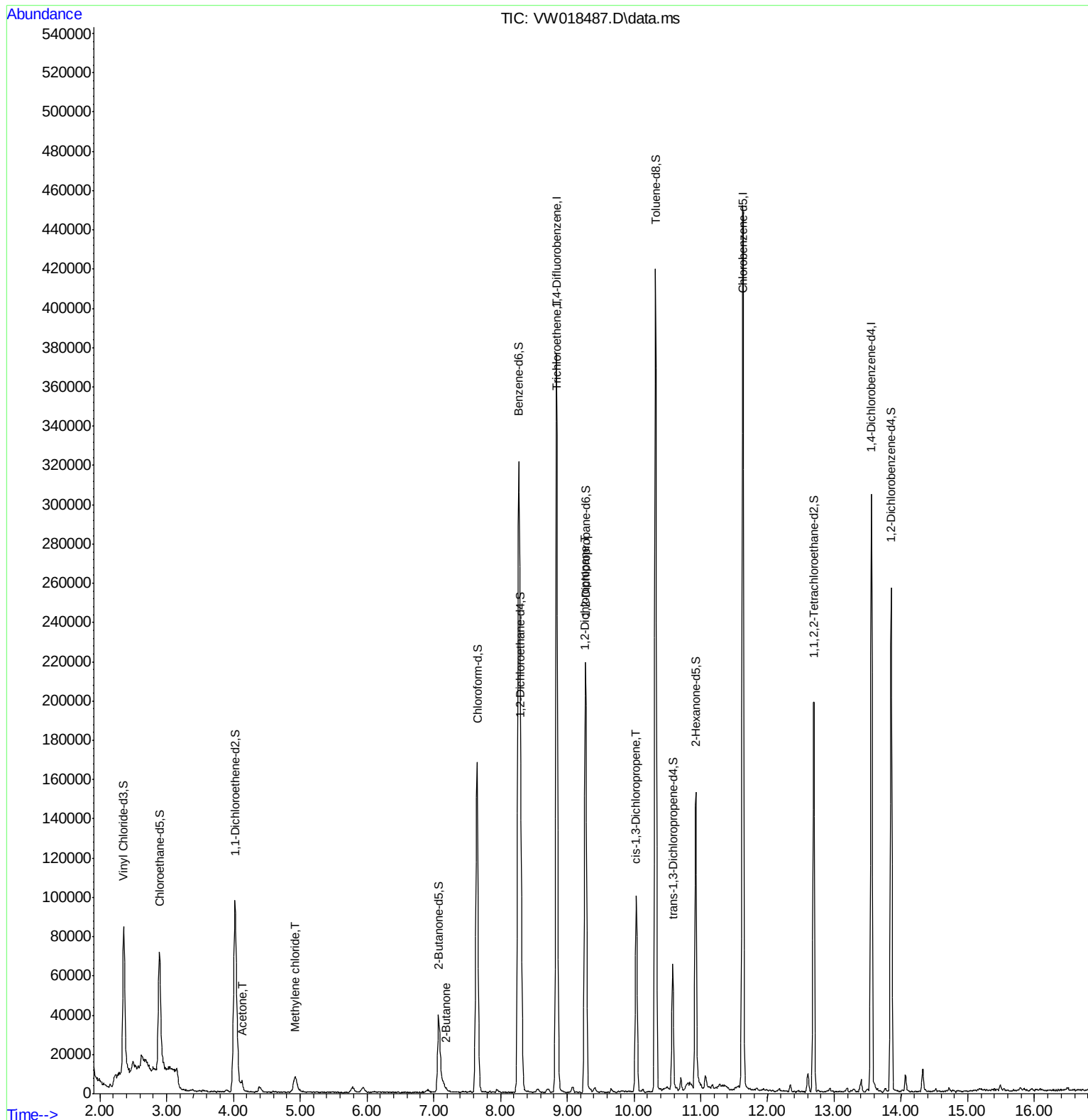
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	305927	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	241209	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	75751	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	98682	23.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	92.72%		
7) Chloroethane-d5	2.892	69	84181	22.59	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.36%		
10) 1,1-Dichloroethene-d2	4.025	63	110127	14.98	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	59.92%		
20) 2-Butanone-d5	7.074	46	65198	68.79	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	137.58%#		
24) Chloroform-d	7.653	84	169908	21.81	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	87.24%		
26) 1,2-Dichloroethane-d4	8.305	65	110664	24.33	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	97.32%		
29) Benzene-d6	8.275	84	321222	25.05	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	100.20%		
33) 1,2-Dichloropropane-d6	9.275	67	96064	25.97	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	103.88%		
37) Toluene-d8	10.323	98	271363	21.98	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	87.92%		
38) trans-1,3-Dichloroprop...	10.579	79	32150	16.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	67.40%		
39) 2-Hexanone-d5	10.927	63	52334	72.30	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	144.60%#		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	94628	28.60	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	114.40%		
61) 1,2-Dichlorobenzene-d4	13.853	152	61348	22.78	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	91.12%		
Target Compounds						
13) Acetone	4.129	43	7067	10.38	ug/L	99
16) Methylene chloride	4.922	84	4173	0.83	ug/L	97
21) 2-Butanone	7.190	43	1169	1.08	ug/L	94
35) Trichloroethene	8.848	95	9523	2.47	ug/L #	6
40) 1,2-Dichloropropane	9.268	63	12559	3.68	ug/L #	84
42) cis-1,3-Dichloropropene	10.031	75	2806	0.49	ug/L #	70

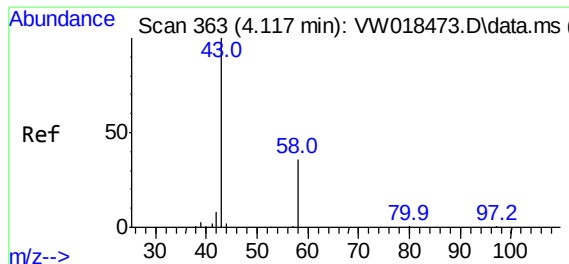
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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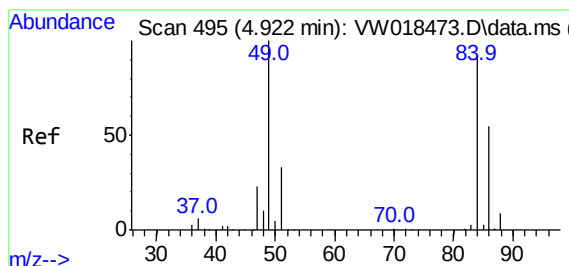
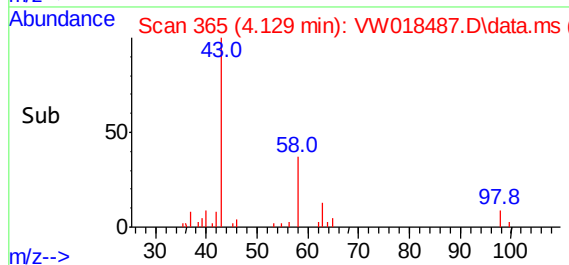
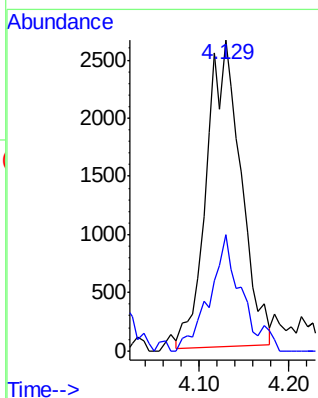
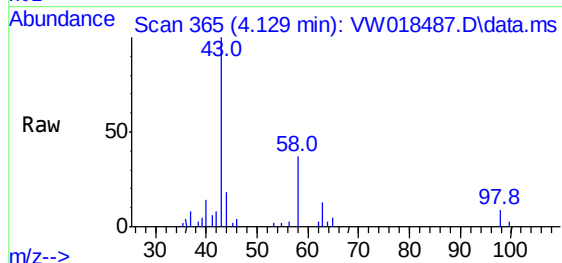




#13
Acetone
Concen: 10.38 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW018487.D
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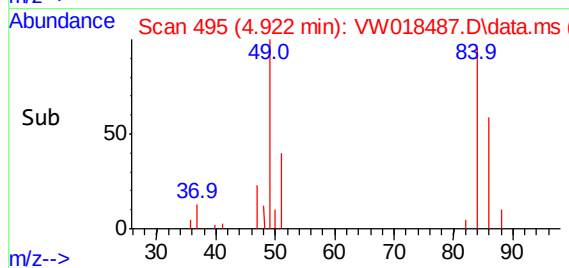
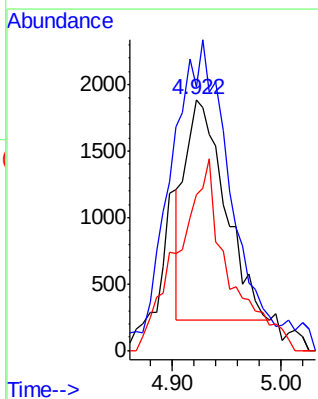
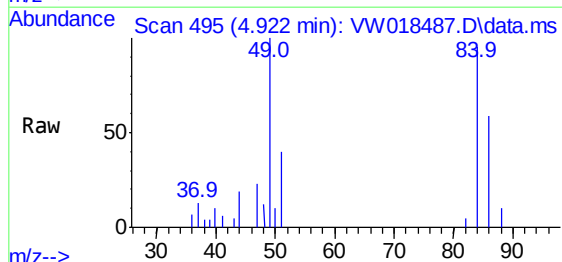
Instrument :
MSVOA_W
ClientSampled :
BG502RE

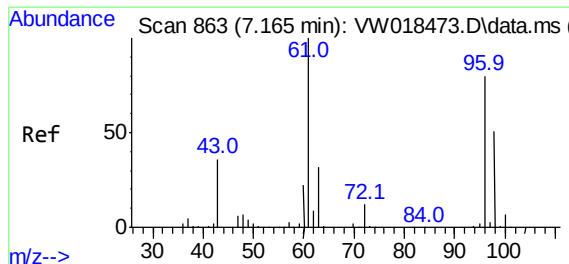
Tgt Ion: 43 Resp: 7067
Ion Ratio Lower Upper
43 100
58 30.5 0.0 62.2



#16
Methylene chloride
Concen: 0.83 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW018487.D
Acq: 29 Mar 2021 15:42

Tgt Ion: 84 Resp: 4173
Ion Ratio Lower Upper
84 100
49 104.9 74.4 138.2
86 62.1 46.1 85.7

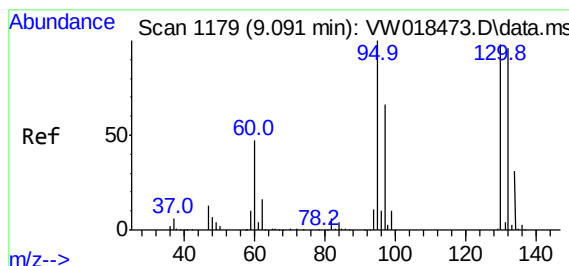
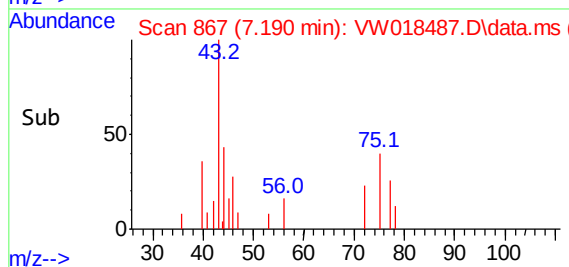
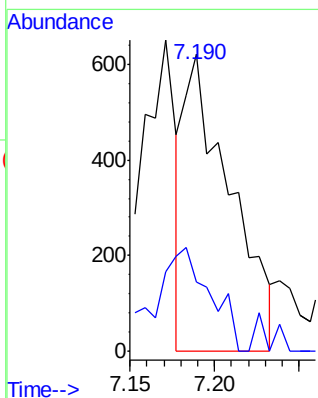
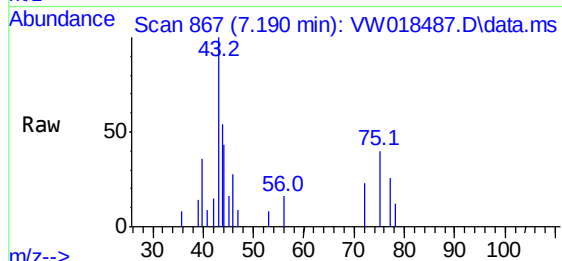




#21
2-Butanone
Concen: 1.08 ug/L
RT: 7.190 min Scan# 867
Delta R.T. 0.025 min
Lab File: VW018487.D
Acq: 29 Mar 2021 15:42

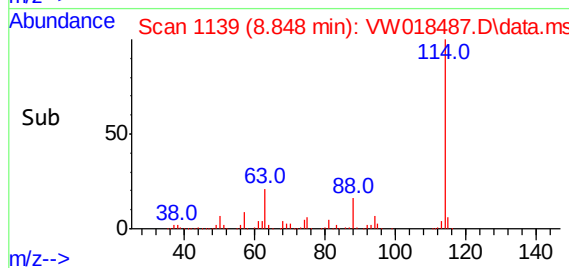
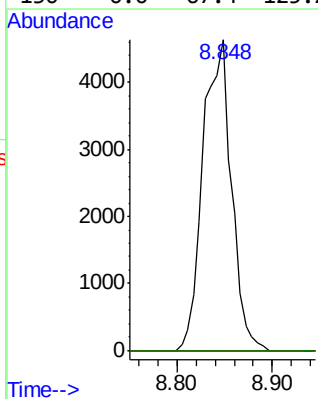
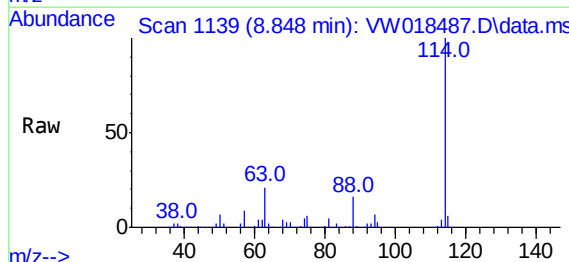
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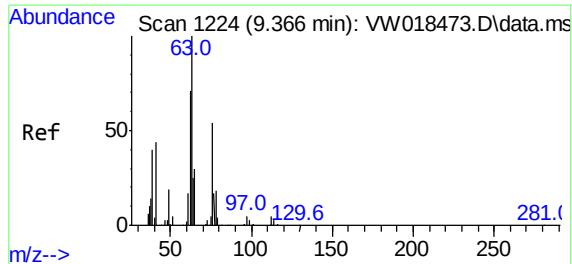
Tgt Ion: 43 Resp: 1169
Ion Ratio Lower Upper
43 100
72 29.3 16.5 49.5



#35
Trichloroethene
Concen: 2.47 ug/L
RT: 8.848 min Scan# 1139
Delta R.T. -0.244 min
Lab File: VW018487.D
Acq: 29 Mar 2021 15:42

Tgt Ion: 95 Resp: 9523
Ion Ratio Lower Upper
95 100
97 0.7 44.4 82.4#
132 0.0 65.9 122.5#
130 0.0 67.4 125.2#

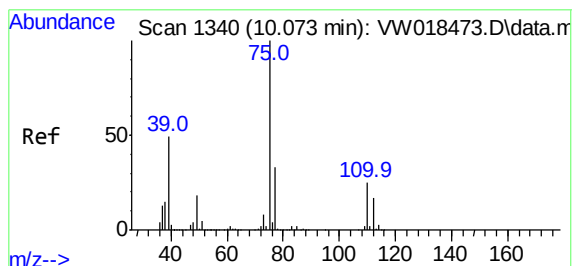
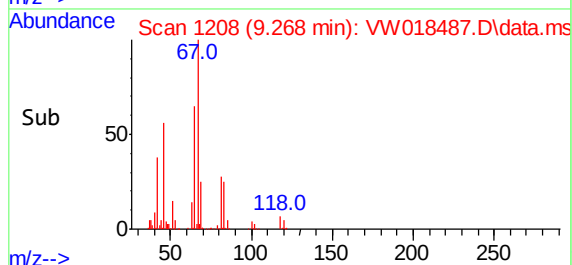
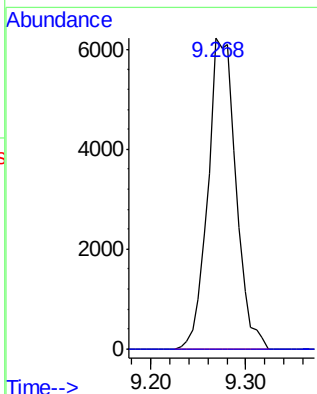
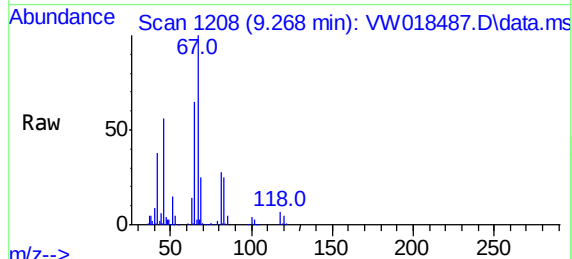




#40
1,2-Dichloropropane
Concen: 3.68 ug/L
RT: 9.268 min Scan# 1208
Delta R.T. -0.097 min
Lab File: VW018487.D
Acq: 29 Mar 2021 15:42

Instrument :
MSVOA_W
ClientSampled :
BG502RE

Tgt Ion: 63 Resp: 12559
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.49 ug/L
RT: 10.031 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018487.D
Acq: 29 Mar 2021 15:42

Tgt Ion: 75 Resp: 2806
Ion Ratio Lower Upper
75 100
77 49.0 22.4 41.6#

