

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
 Data File : VW018856.D
 Acq On : 29 Apr 2021 19:30
 Operator : SY/VA
 Sample : M2181-15
 Misc : 5.41G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG7D7

Quant Time: Apr 30 02:13:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 30 02:09:50 2021
 Response via : Initial Calibration

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

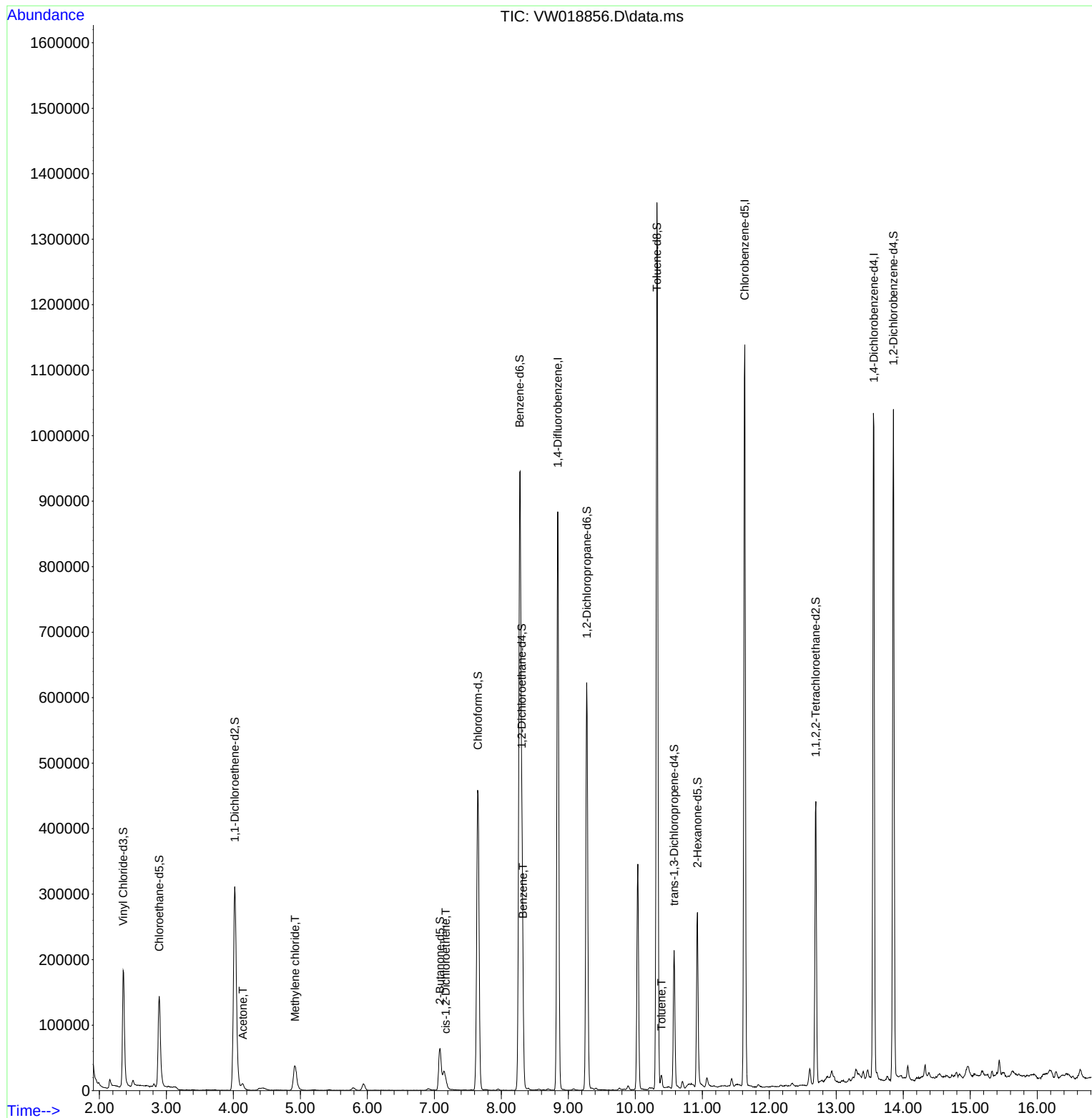
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	721064	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	618997	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	259184	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	229107	24.77	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.08%			
7) Chloroethane-d5	2.892	69	185706	25.91	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.64%			
11) 1,1-Dichloroethene-d2	4.019	63	344635	18.76	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 75.04%			
21) 2-Butanone-d5	7.086	46	109824	45.58	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.16%			
24) Chloroform-d	7.653	84	473619	25.02	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.08%			
26) 1,2-Dichloroethane-d4	8.305	65	266746	25.23	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.92%			
32) Benzene-d6	8.275	84	970000	27.73	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 110.92%			
36) 1,2-Dichloropropane-d6	9.274	67	285894	27.55	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 110.20%			
41) Toluene-d8	10.323	98	902607	27.67	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 110.68%			
43) trans-1,3-Dichloroprop...	10.579	79	115245	24.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 97.76%			
47) 2-Hexanone-d5	10.927	63	94302	50.76	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.52%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	211954	24.11	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 96.44%			
66) 1,2-Dichlorobenzene-d4	13.853	152	250826	28.24	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 112.96%			
Target Compounds					Qvalue	
13) Acetone	4.141	43	15955	8.64	ug/L	90
16) Methylene chloride	4.922	84	33514	2.81	ug/L	88
20) cis-1,2-Dichloroethene	7.171	96	4226	0.40	ug/L	93
33) Benzene	8.323	78	16310	0.44	ug/L	100
42) Toluene	10.390	91	15148	0.37	ug/L	94

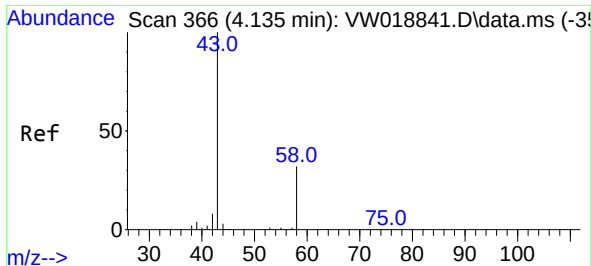
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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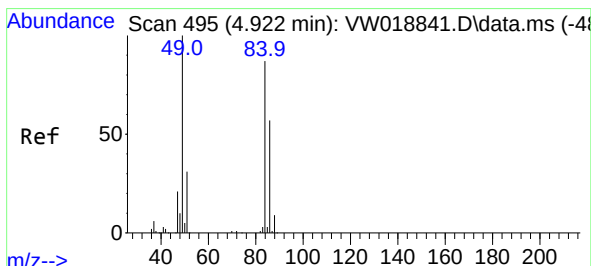
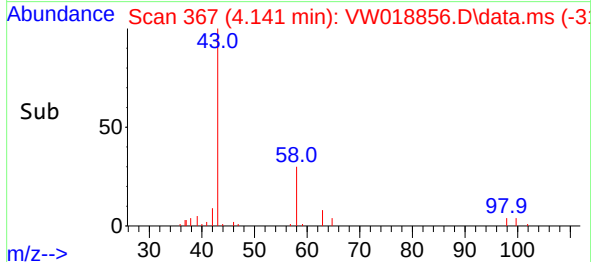
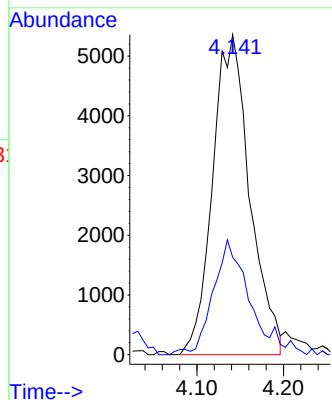
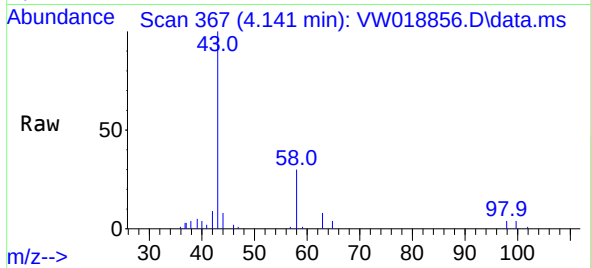




#13
Acetone
Concen: 8.64 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW018856.D
Acq: 29 Apr 2021 19:30

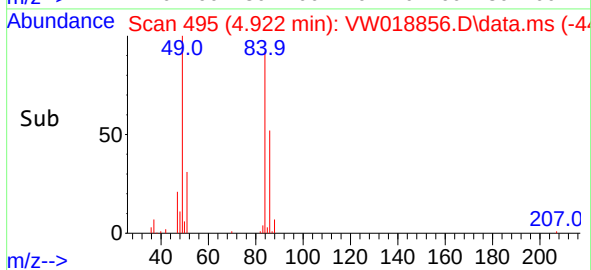
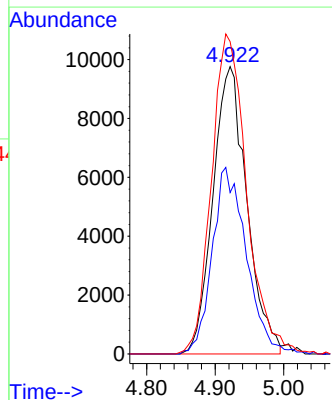
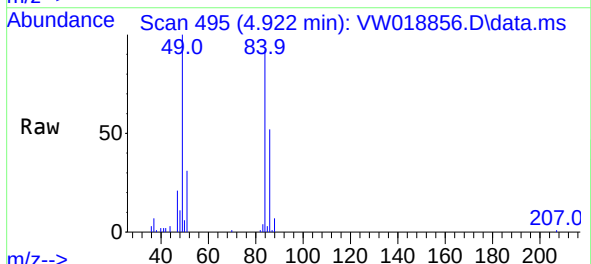
Instrument :
MSVOA_W
ClientSampled :
BG7D7

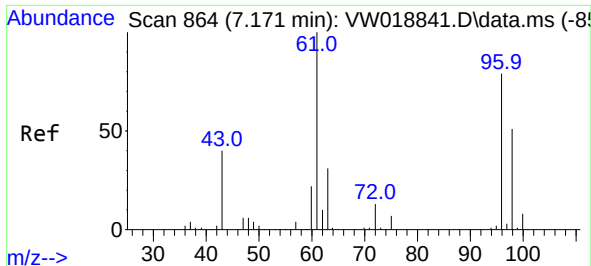
Tgt Ion: 43 Resp: 15955
Ion Ratio Lower Upper
43 100
58 32.3 0.0 53.8



#16
Methylene chloride
Concen: 2.81 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW018856.D
Acq: 29 Apr 2021 19:30

Tgt Ion: 84 Resp: 33514
Ion Ratio Lower Upper
84 100
86 56.2 45.3 84.1
49 108.7 86.6 160.8

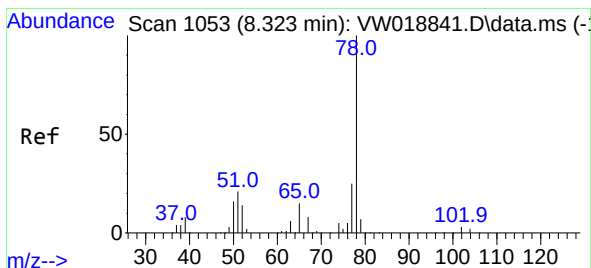
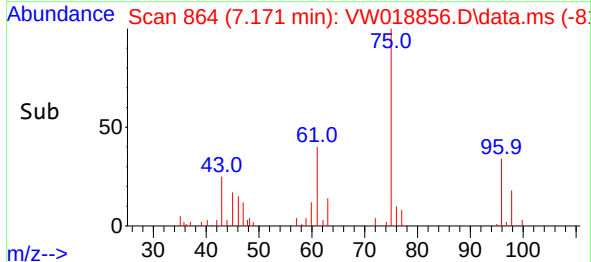
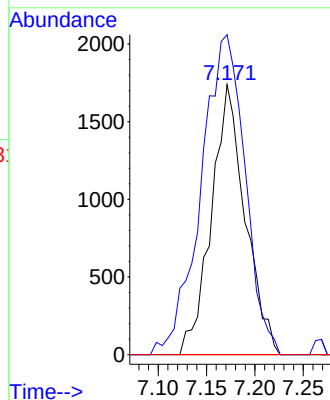
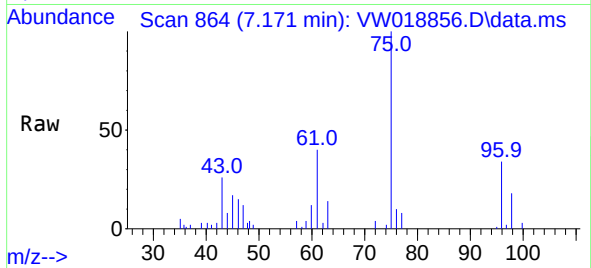




#20
cis-1,2-Dichloroethene
Concen: 0.40 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW018856.D
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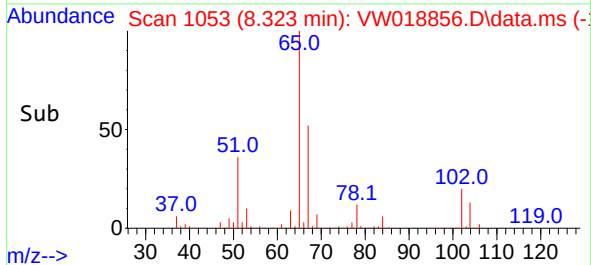
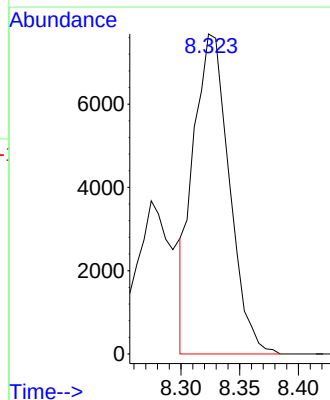
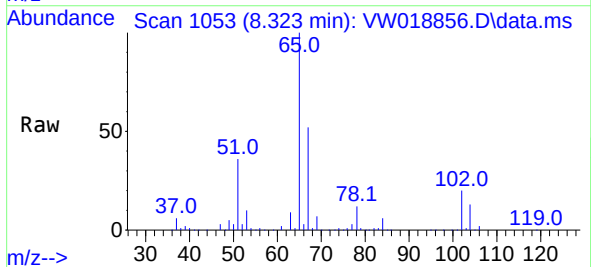
Instrument :
MSVOA_W
ClientSampled :
BG7D7

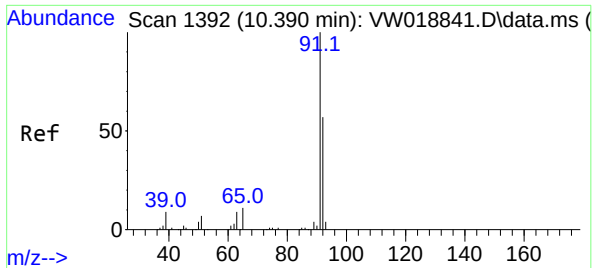
Tgt Ion: 96 Resp: 4226
Ion Ratio Lower Upper
96 100
61 118.5 88.5 164.3
68 0.0 0.0 0.0



#33
Benzene
Concen: 0.44 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018856.D
Acq: 29 Apr 2021 19:30

Tgt Ion: 78 Resp: 16310





#42
Toluene
Concen: 0.37 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018856.D
Acq: 29 Apr 2021 19:30

Instrument :
MSVOA_W
ClientSampleId :
BG7D7

Tgt Ion: 91 Resp: 15148
Ion Ratio Lower Upper
91 100
92 51.7 39.5 73.3

