

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020821\
 Data File : VW018048.D
 Acq On : 08 Feb 2021 12:36
 Operator : SY/VA
 Sample : M1330-10
 Misc : 5.37G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG540

Quant Time: Feb 09 03:24:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 09 03:23:41 2021
 Response via : Initial Calibration

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

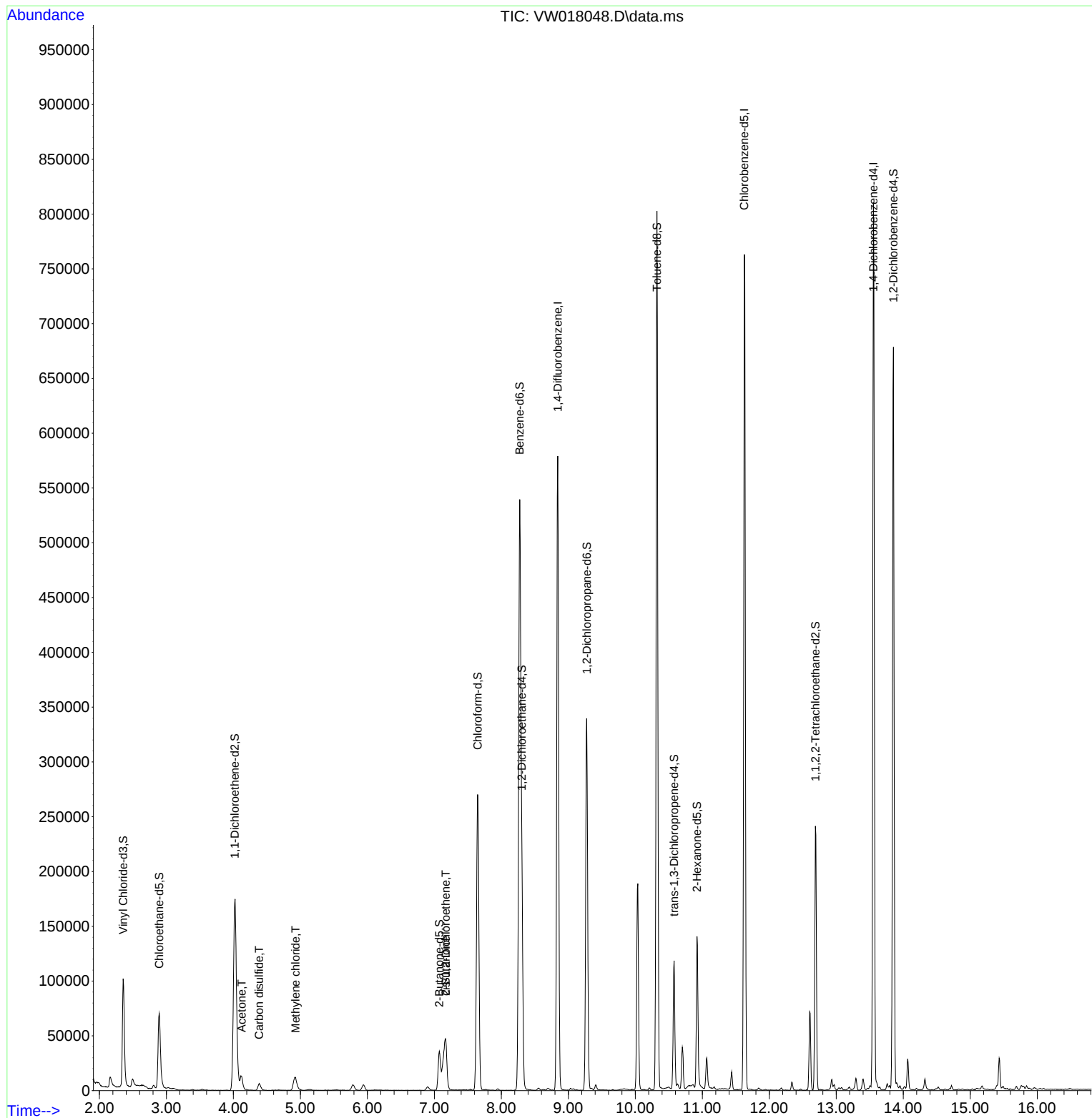
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	515501	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	457492	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	226249	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	118471	18.49	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	73.96%		
7) Chloroethane-d5	2.892	69	97824	19.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	76.96%		
10) 1,1-Dichloroethene-d2	4.019	63	189948	14.83	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	59.32%		
20) 2-Butanone-d5	7.074	46	59077	34.55	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	69.10%		
24) Chloroform-d	7.647	84	289058	21.37	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	85.48%		
26) 1,2-Dichloroethane-d4	8.305	65	146467	20.33	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	81.32%		
29) Benzene-d6	8.275	84	570045	22.69	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	90.76%		
33) 1,2-Dichloropropane-d6	9.275	67	160771	22.88	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	91.52%		
37) Toluene-d8	10.323	98	542089	22.68	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	90.72%		
38) trans-1,3-Dichloroprop...	10.579	79	68239	21.43	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	85.72%		
39) 2-Hexanone-d5	10.921	63	49418	36.79	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	73.58%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	119691	19.39	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	77.56%		
61) 1,2-Dichlorobenzene-d4	13.853	152	190498	23.60	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	94.40%		
Target Compounds					Qvalue	
13) Acetone	4.123	43	21724	17.17	ug/L	98
14) Carbon disulfide	4.385	76	8089	0.40	ug/L #	92
16) Methylene chloride	4.928	84	11466	1.39	ug/L	84
21) 2-Butanone	7.171	43	5403	2.81	ug/L	77
22) cis-1,2-Dichloroethene	7.171	96	25286	3.31	ug/L	99

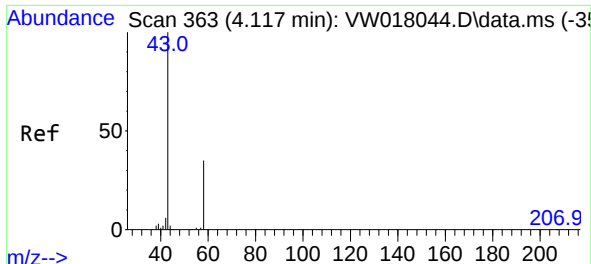
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Feb 09 03:23:41 2021
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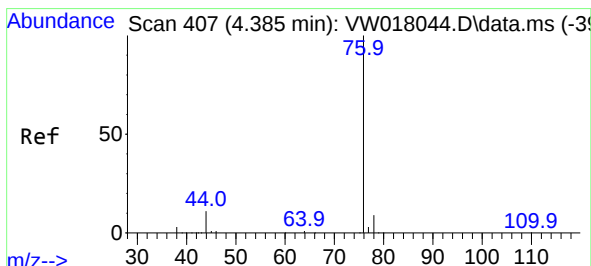
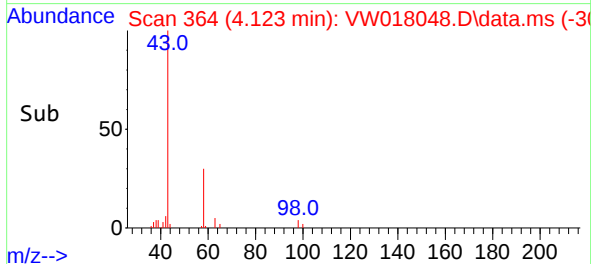
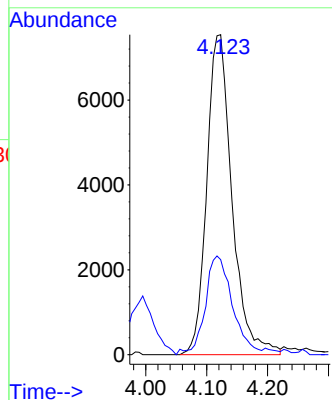
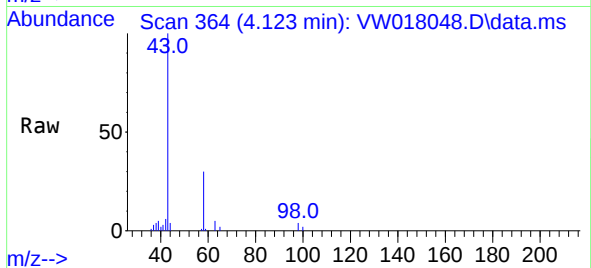




#13
Acetone
Concen: 17.17 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018048.D
Acq: 08 Feb 2021 12:36

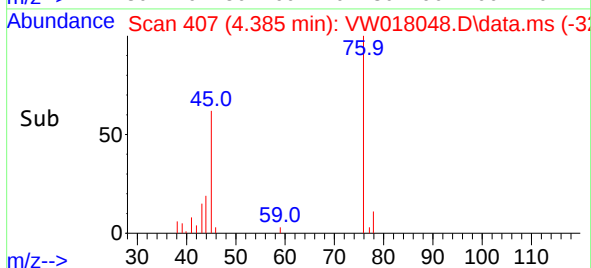
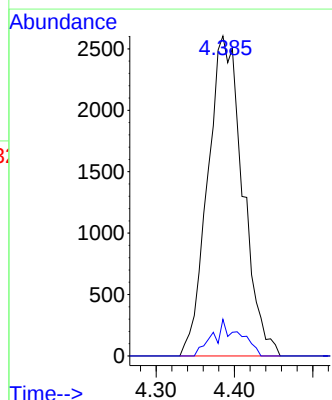
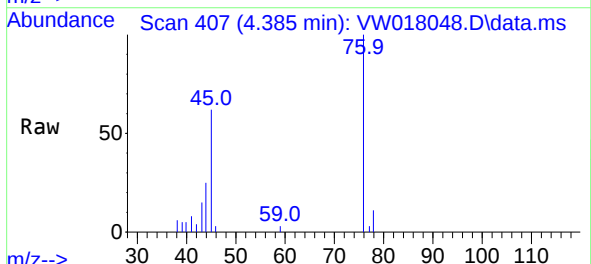
Instrument :
MSVOA_W
ClientSampled :
BG540

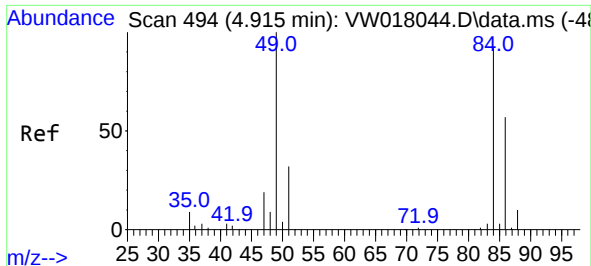
Tgt Ion: 43 Resp: 21724
Ion Ratio Lower Upper
43 100
58 32.8 0.0 68.4



#14
Carbon disulfide
Concen: 0.40 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW018048.D
Acq: 08 Feb 2021 12:36

Tgt Ion: 76 Resp: 8089
Ion Ratio Lower Upper
76 100
78 11.5 7.0 10.4#

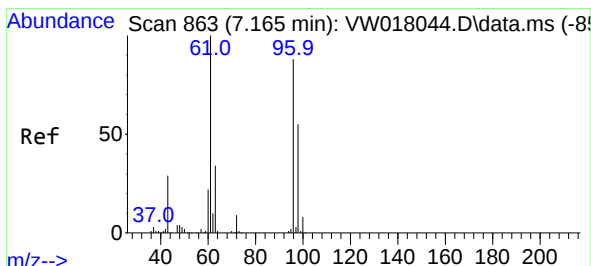
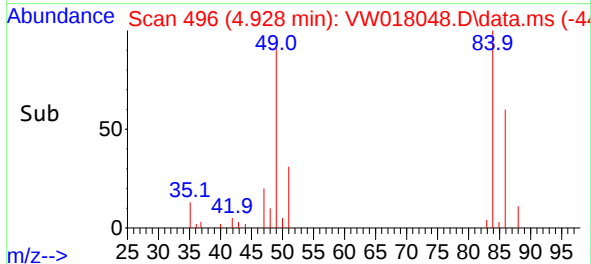
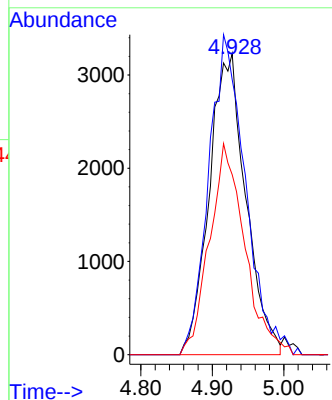
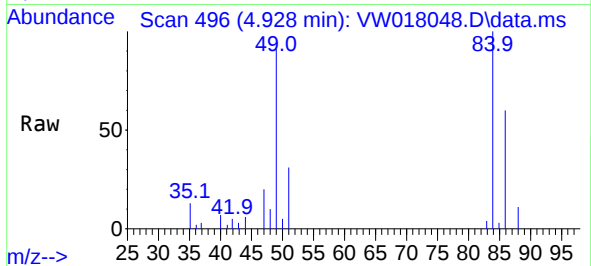




#16
Methylene chloride
Concen: 1.39 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.012 min
Lab File: VW018048.D
Acq: 08 Feb 2021 12:36

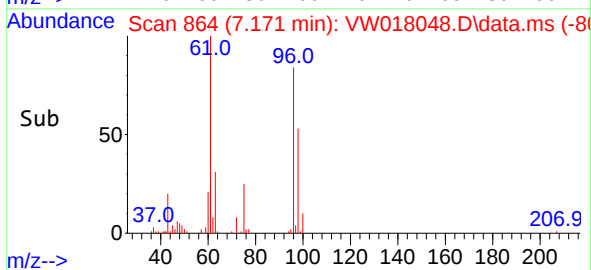
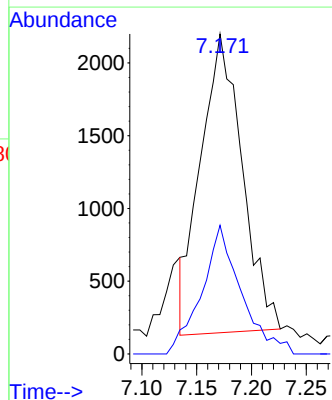
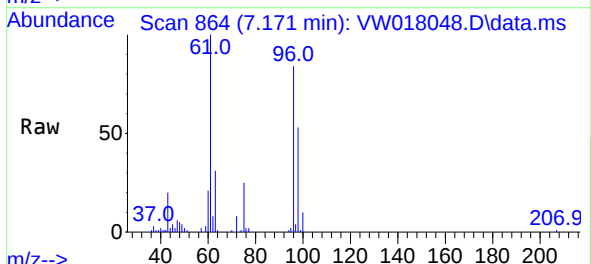
Instrument :
MSVOA_W
ClientSampled :
BG540

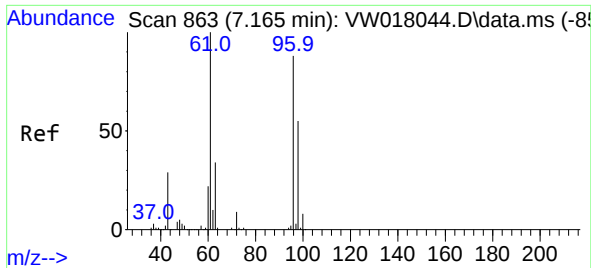
Tgt Ion: 84 Resp: 11466
Ion Ratio Lower Upper
84 100
49 91.4 81.2 150.8
86 59.8 44.5 82.7



#21
2-Butanone
Concen: 2.81 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018048.D
Acq: 08 Feb 2021 12:36

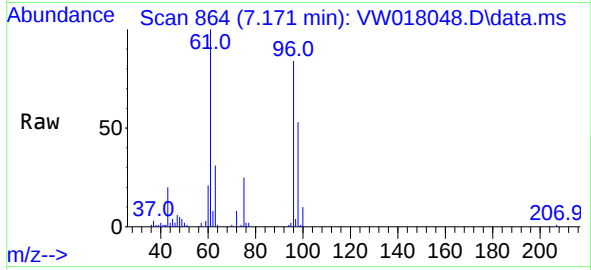
Tgt Ion: 43 Resp: 5403
Ion Ratio Lower Upper
43 100
72 40.9 14.4 43.2





#22
 cis-1,2-Dichloroethene
 Concen: 3.31 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.006 min
 Lab File: VW018048.D
 Acq: 08 Feb 2021 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 BG540



Tgt Ion: 96 Resp: 25286

Ion	Ratio	Lower	Upper
96	100		
61	119.0	84.6	157.2
98	63.2	44.7	82.9

