

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
 Data File : VW018431.D
 Acq On : 23 Mar 2021 17:04
 Operator : SY/VA
 Sample : M1781-10
 Misc : 5.01G/10ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4R9

Quant Time: Mar 24 01:27:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 24 01:23:39 2021
 Response via : Initial Calibration

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

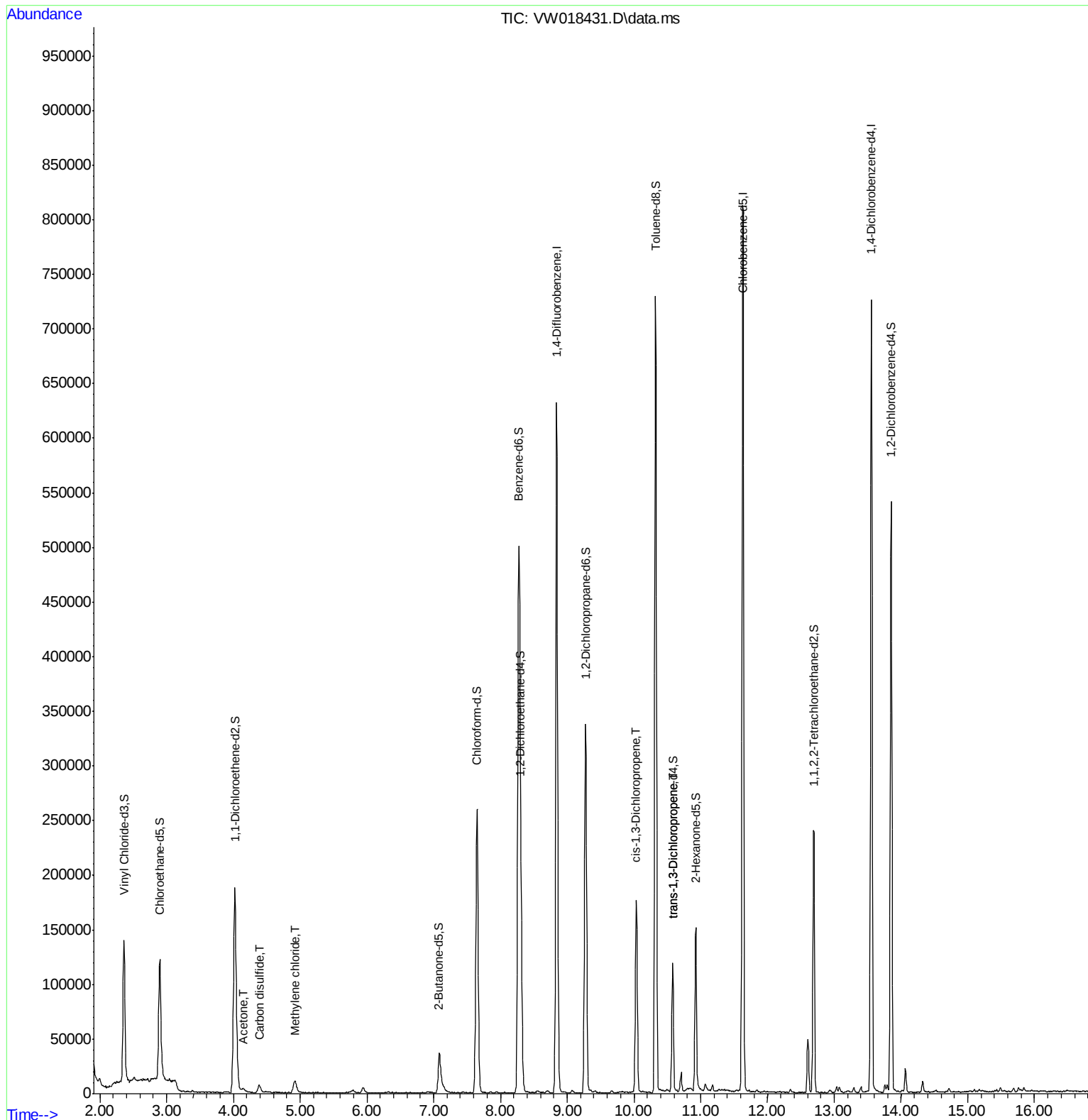
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	514618	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	428128	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	181685	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	156129	21.80	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	87.20%		
7) Chloroethane-d5	2.898	69	147732	23.57	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.28%		
10) 1,1-Dichloroethene-d2	4.019	63	199382	16.12	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	64.48%		
20) 2-Butanone-d5	7.080	46	61614	38.65	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	77.30%		
24) Chloroform-d	7.647	84	264079	20.15	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	80.60%		
26) 1,2-Dichloroethane-d4	8.305	65	154594	20.20	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	80.80%		
29) Benzene-d6	8.275	84	515676	22.66	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	90.64%		
33) 1,2-Dichloropropane-d6	9.275	67	147042	22.40	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	89.60%		
37) Toluene-d8	10.323	98	475932	21.72	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	86.88%		
38) trans-1,3-Dichloroprop...	10.579	79	61070	18.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	72.16%		
39) 2-Hexanone-d5	10.927	63	50629	39.41	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	78.82%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	115639	19.69	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	78.76%		
61) 1,2-Dichlorobenzene-d4	13.853	152	133321	20.64	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	82.56%		
Target Compounds						
13) Acetone	4.154	43	6859	5.99	ug/L	90
14) Carbon disulfide	4.391	76	14926	0.77	ug/L	96
16) Methylene chloride	4.922	84	5713	0.68	ug/L	97
42) cis-1,3-Dichloropropene	10.031	75	5457	0.53	ug/L	93
45) trans-1,3-Dichloropropene	10.579	75	3390	0.37	ug/L #	80

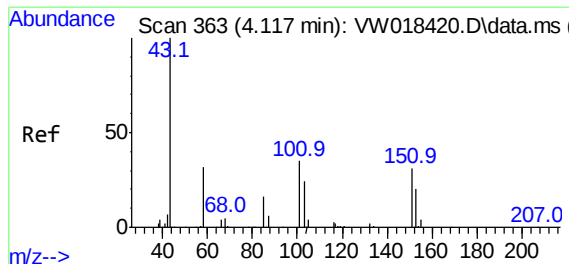
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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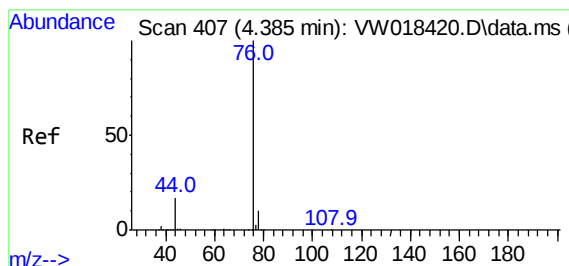
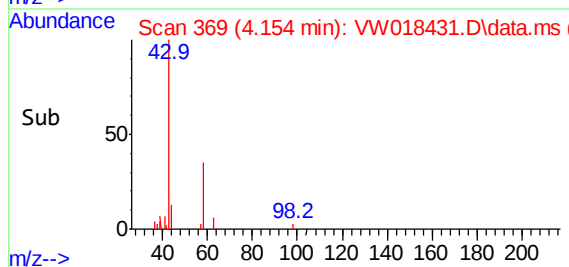
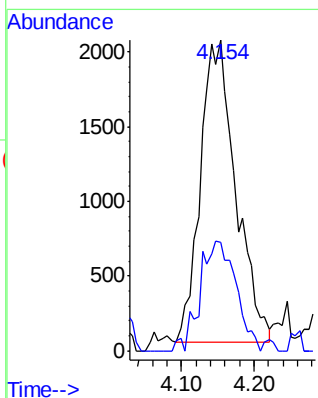
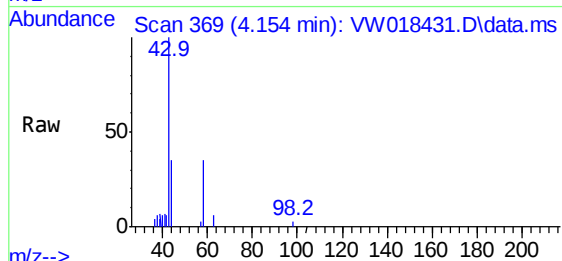




#13
Acetone
Concen: 5.99 ug/L
RT: 4.154 min Scan# 369
Delta R.T. 0.037 min
Lab File: VW018431.D
Acq: 23 Mar 2021 17:04

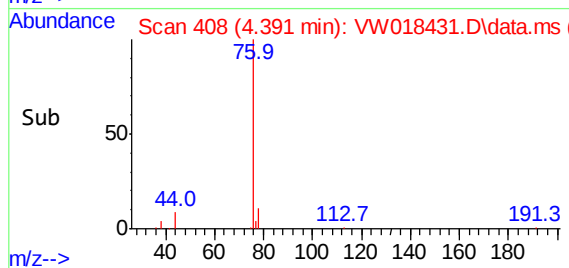
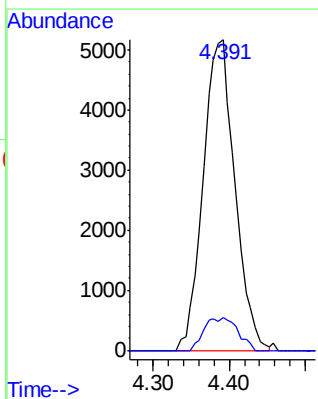
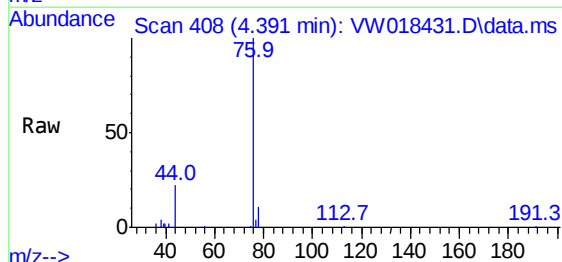
Instrument :
MSVOA_W
ClientSampled :
BG4R9

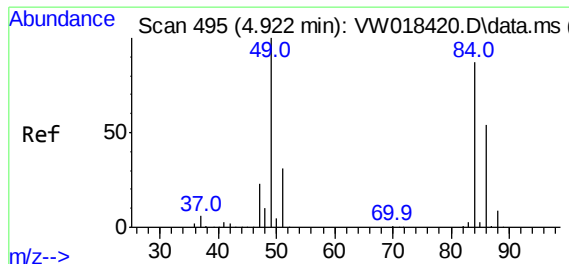
Tgt Ion: 43 Resp: 6859
Ion Ratio Lower Upper
43 100
58 25.8 0.0 62.2



#14
Carbon disulfide
Concen: 0.77 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018431.D
Acq: 23 Mar 2021 17:04

Tgt Ion: 76 Resp: 14926
Ion Ratio Lower Upper
76 100
78 10.7 7.4 11.2



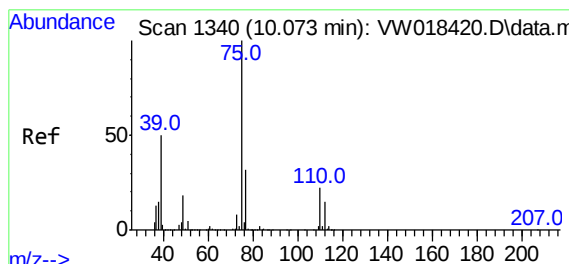
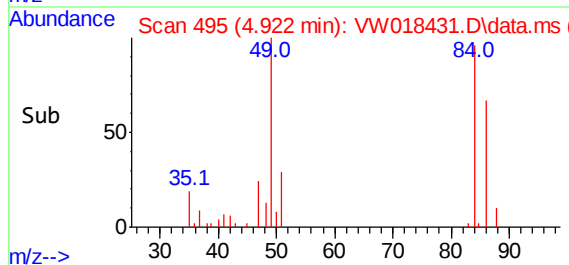
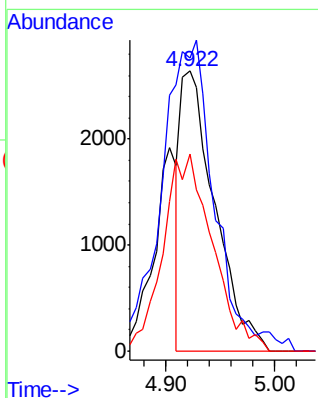
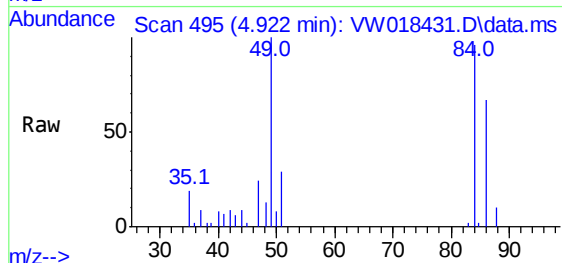


#16
Methylene chloride
Concen: 0.68 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW018431.D
Acq: 23 Mar 2021 17:04

Instrument :
MSVOA_W
ClientSampled :
BG4R9

Tgt Ion: 84 Resp: 5713

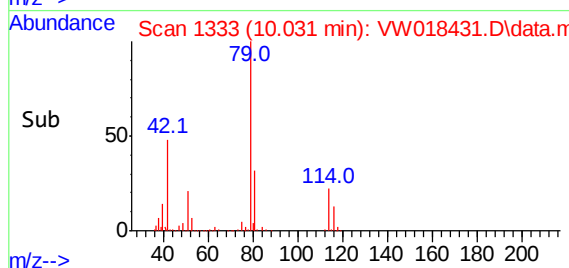
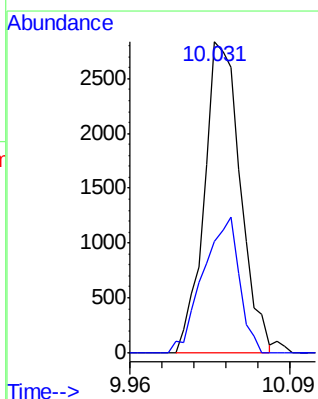
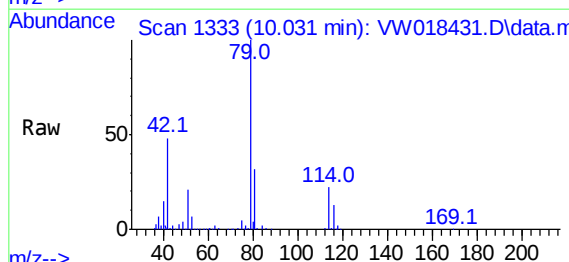
Ion	Ratio	Lower	Upper
84	100		
49	104.5	74.4	138.2
86	70.5	46.1	85.7

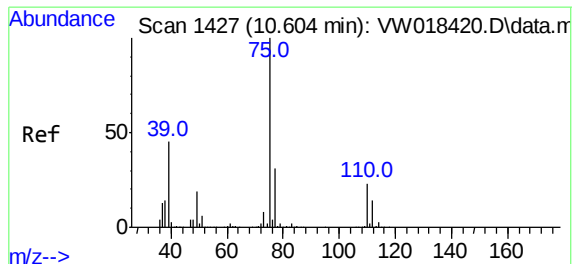


#42
cis-1,3-Dichloropropene
Concen: 0.53 ug/L
RT: 10.031 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018431.D
Acq: 23 Mar 2021 17:04

Tgt Ion: 75 Resp: 5457

Ion	Ratio	Lower	Upper
75	100		
77	35.7	22.4	41.6





#45
trans-1,3-Dichloropropene
Concen: 0.37 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018431.D
Acq: 23 Mar 2021 17:04

Instrument :
MSVOA_W
ClientSampleId :
BG4R9

Tgt Ion: 75 Resp: 3390
Ion Ratio Lower Upper
75 100
77 43.5 22.6 42.0#

