

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
 Data File : VW018378.D
 Acq On : 19 Mar 2021 10:53
 Operator : SY/VA
 Sample : M1685-01
 Misc : 5.56G/10ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG487

Quant Time: Mar 20 01:37:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 20 01:36:44 2021
 Response via : Initial Calibration

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

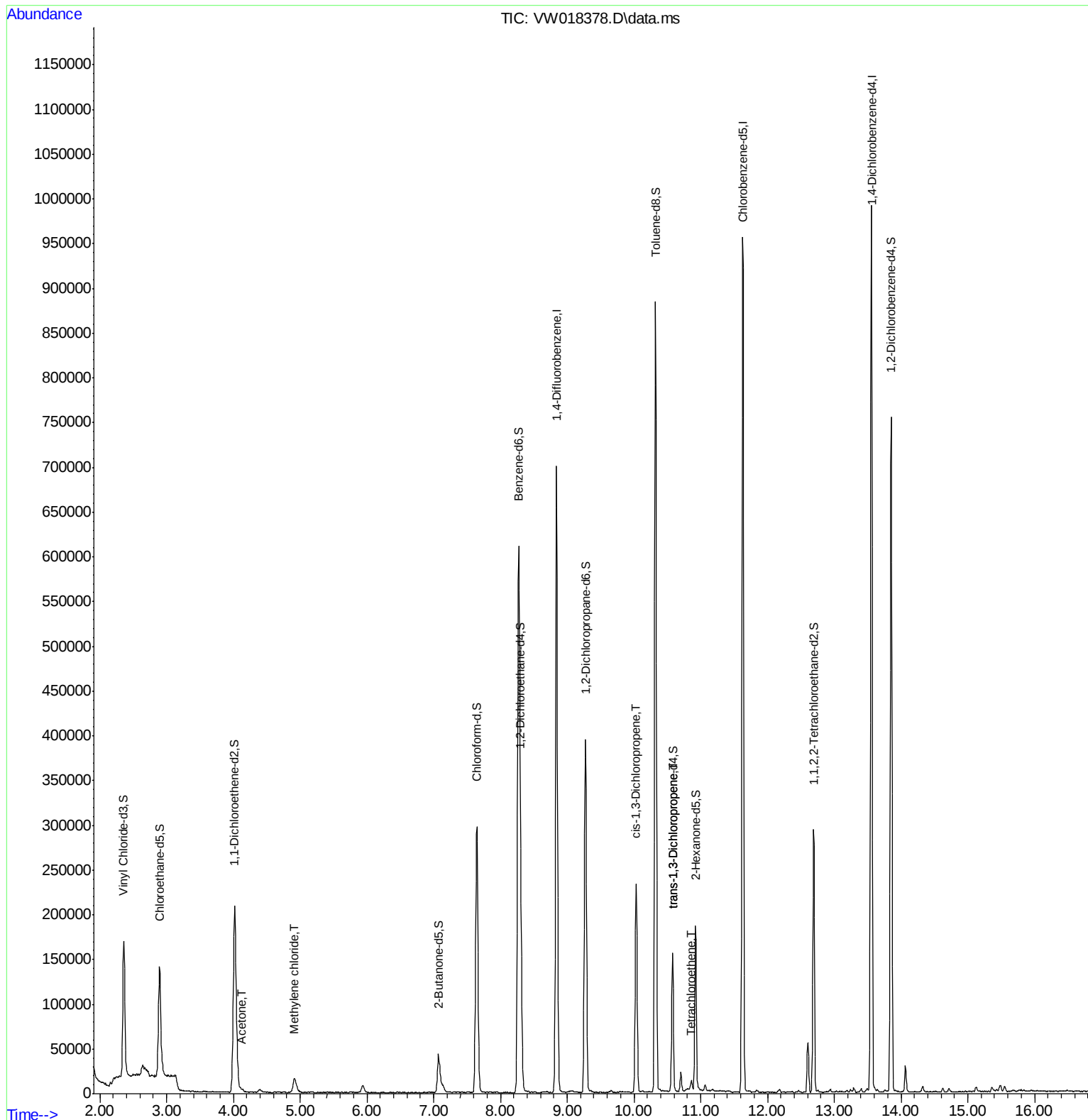
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	568768	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	509640	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	242456	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	191710	24.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	96.88%		
7) Chloroethane-d5	2.891	69	165789	23.93	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	95.72%		
10) 1,1-Dichloroethene-d2	4.013	63	233917	17.12	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	68.48%		
20) 2-Butanone-d5	7.074	46	72406	41.09	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	82.18%		
24) Chloroform-d	7.647	84	302128	20.86	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	83.44%		
26) 1,2-Dichloroethane-d4	8.299	65	180402	21.33	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	85.32%		
29) Benzene-d6	8.275	84	610450	22.53	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	90.12%		
33) 1,2-Dichloropropane-d6	9.274	67	174982	22.39	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	89.56%		
37) Toluene-d8	10.323	98	579979	22.23	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	88.92%		
38) trans-1,3-Dichloroprop...	10.579	79	82389	20.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	81.76%		
39) 2-Hexanone-d5	10.920	63	61818	40.42	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	80.84%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	139733	19.99	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	79.96%		
61) 1,2-Dichlorobenzene-d4	13.853	152	187638	21.77	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	87.08%		
Target Compounds						
13) Acetone	4.123	43	5332	4.21	ug/L	77
16) Methylene chloride	4.915	84	13292	1.42	ug/L #	79
42) cis-1,3-Dichloropropene	10.030	75	7111	0.58	ug/L #	57
45) trans-1,3-Dichloropropene	10.579	75	4445	0.41	ug/L #	73
47) Tetrachloroethene	10.859	164	1942	0.31	ug/L	96

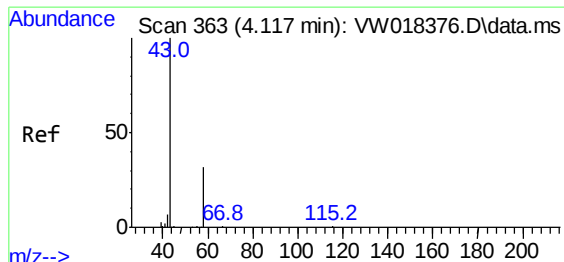
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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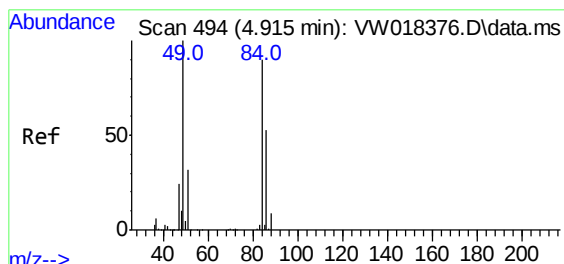
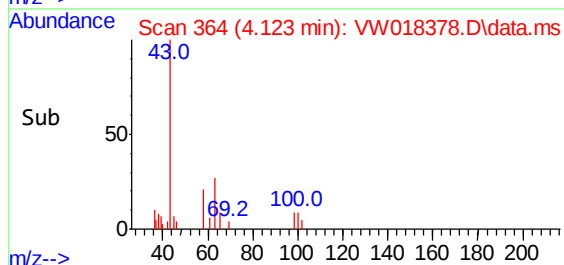
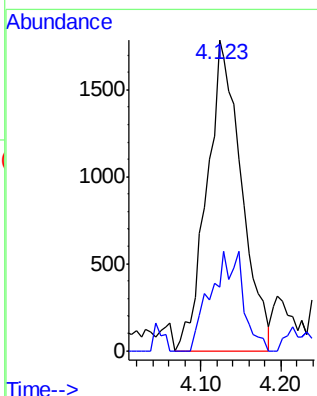
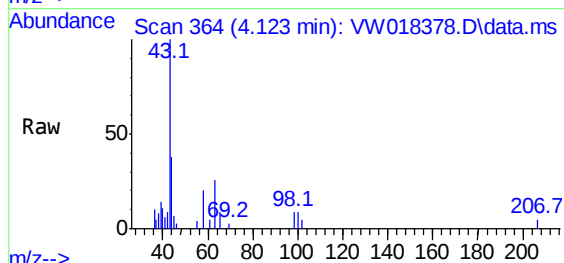




#13
Acetone
Concen: 4.21 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018378.D
Acq: 19 Mar 2021 10:53

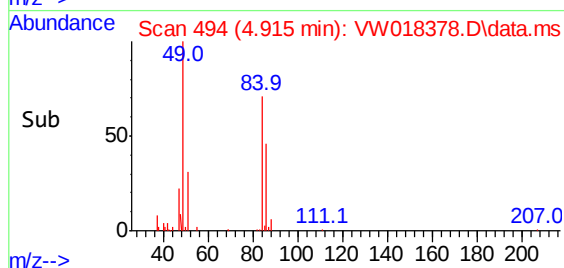
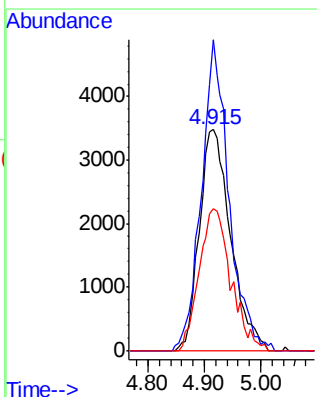
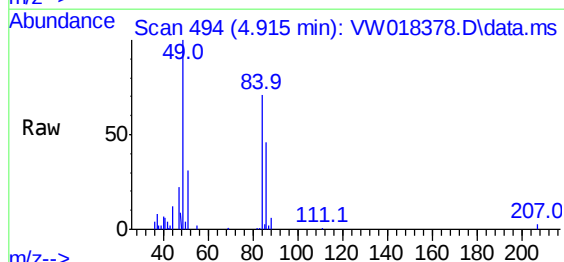
Instrument :
MSVOA_W
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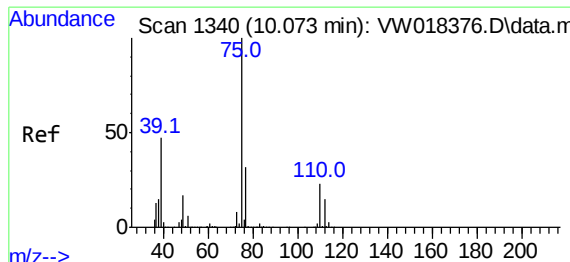
Tgt Ion: 43 Resp: 5332
Ion Ratio Lower Upper
43 100
58 18.3 0.0 62.2



#16
Methylene chloride
Concen: 1.42 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018378.D
Acq: 19 Mar 2021 10:53

Tgt Ion: 84 Resp: 13292
Ion Ratio Lower Upper
84 100
49 140.6 74.4 138.2#
86 64.0 46.1 85.7

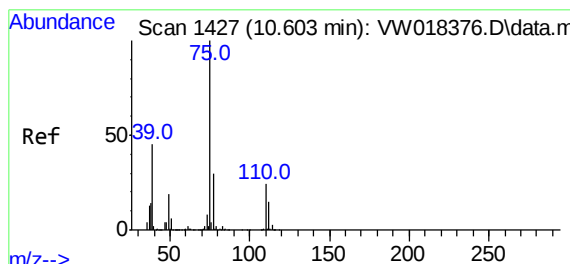
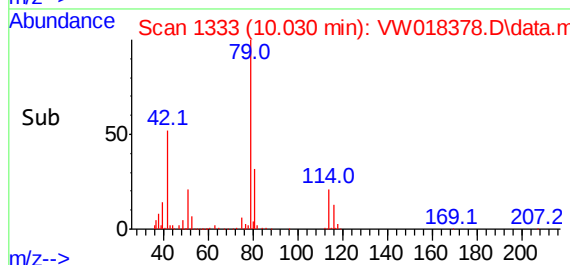
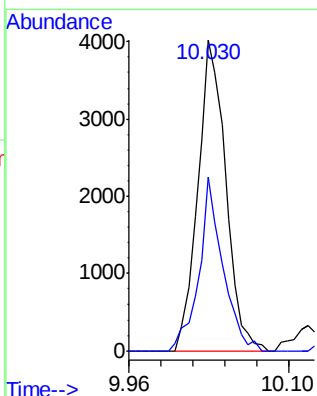
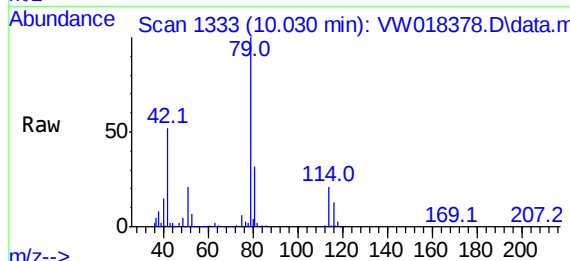




#42
cis-1,3-Dichloropropene
Concen: 0.58 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018378.D
Acq: 19 Mar 2021 10:53

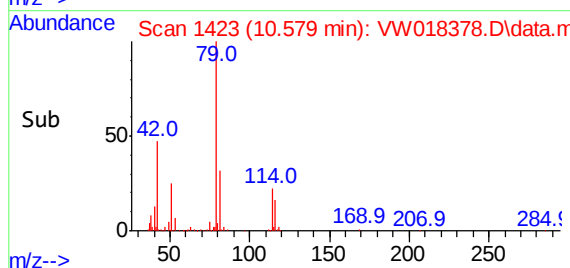
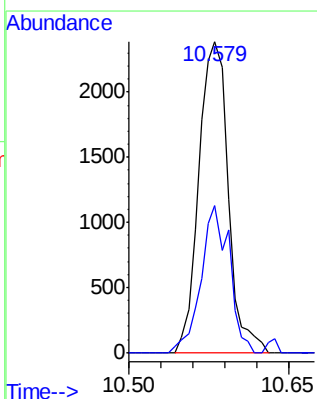
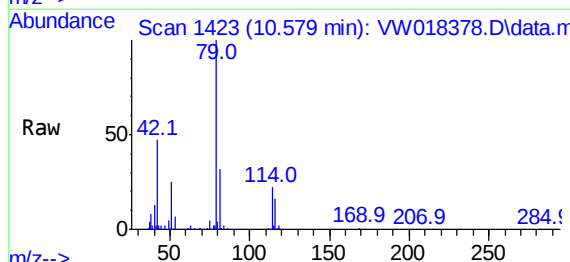
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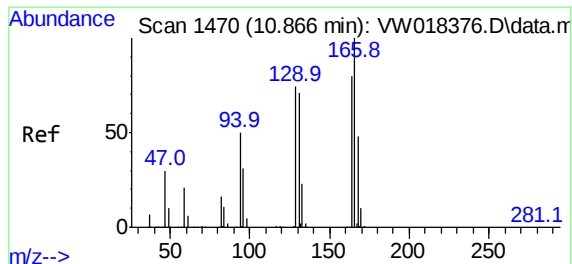
Tgt Ion: 75 Resp: 7111
Ion Ratio Lower Upper
75 100
77 55.8 22.4 41.6#



#45
trans-1,3-Dichloropropene
Concen: 0.41 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018378.D
Acq: 19 Mar 2021 10:53

Tgt Ion: 75 Resp: 4445
Ion Ratio Lower Upper
75 100
77 47.2 22.6 42.0#





#47
Tetrachloroethene
Concen: 0.31 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW018378.D
Acq: 19 Mar 2021 10:53

Instrument :
MSVOA_W
ClientSampleId :
BG487

Tgt Ion:	164	Resp:	1942
Ion	Ratio	Lower	Upper
164	100		
129	92.9	68.8	127.8
131	92.0	68.3	126.8
166	137.2	95.4	177.2

