

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021721\
 Data File : VW018179.D
 Acq On : 17 Feb 2021 12:09
 Operator : SY/VA
 Sample : M1414-11RE
 Misc : 4.01G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 18 06:16:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 18 06:15:22 2021
 Response via : Initial Calibration

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

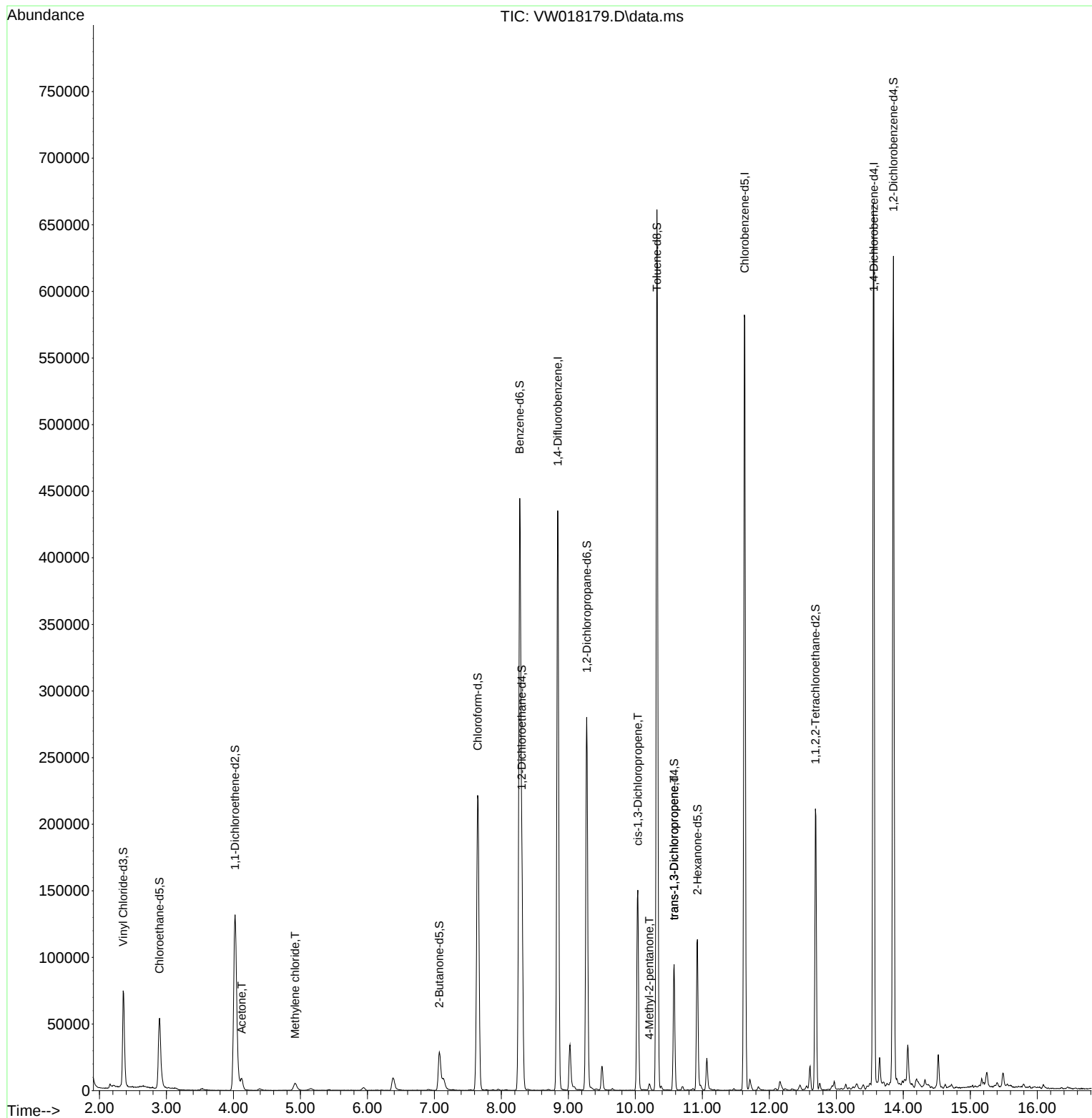
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	387212	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	358530	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	187593	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	88520	18.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.56%
7) Chloroethane-d5	2.897	69	77108	20.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.76%
10) 1,1-Dichloroethene-d2	4.025	63	146760	15.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.00%
20) 2-Butanone-d5	7.074	46	48475	37.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.50%
24) Chloroform-d	7.647	84	238632	23.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.92%
26) 1,2-Dichloroethane-d4	8.305	65	117937	21.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.16%
29) Benzene-d6	8.275	84	473573	24.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.24%
33) 1,2-Dichloropropane-d6	9.274	67	134006	24.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.36%
37) Toluene-d8	10.323	98	447692	23.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.60%
38) trans-1,3-Dichloroprop...	10.579	79	54332	21.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.08%
39) 2-Hexanone-d5	10.926	63	42255	40.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.28%
48) 1,1,2,2-Tetrachloroeth...	12.688	84	104521	21.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.44%
61) 1,2-Dichlorobenzene-d4	13.853	152	176632	26.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.56%
Target Compounds						
					Qvalue	
13) Acetone	4.123	43	13590	14.30	ug/L	100
16) Methylene chloride	4.921	84	5265	0.85	ug/L	90
42) cis-1,3-Dichloropropene	10.036	75	3716	0.48	ug/L #	57
43) 4-Methyl-2-pentanone	10.207	43	3356	1.12	ug/L	94
45) trans-1,3-Dichloropropene	10.579	75	2491	0.37	ug/L #	64

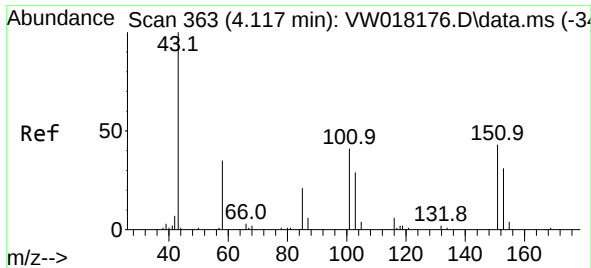
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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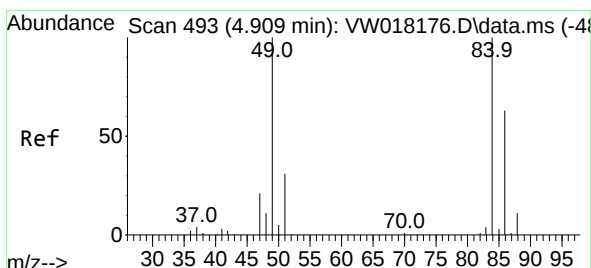
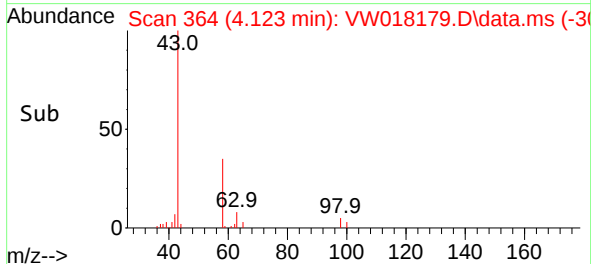
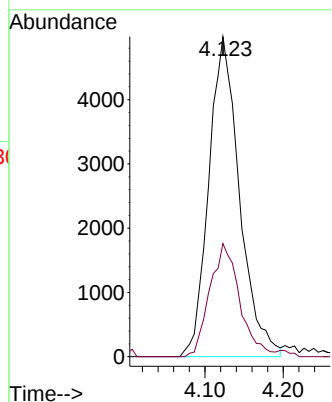
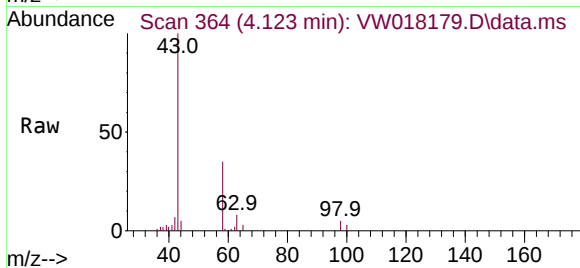




#13
Acetone
Concen: 14.30 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018179.D
Acq: 17 Feb 2021 12:09

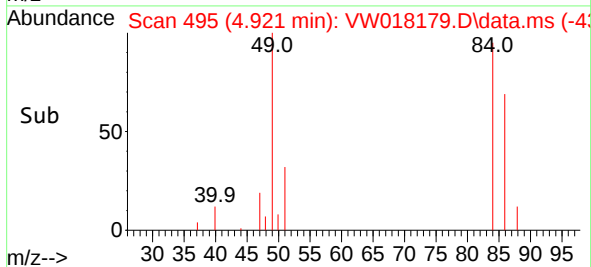
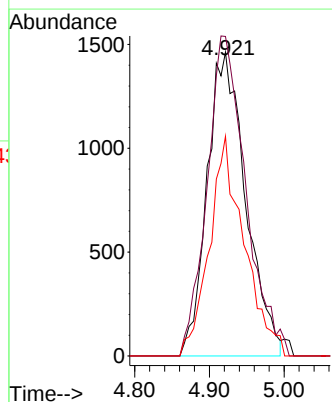
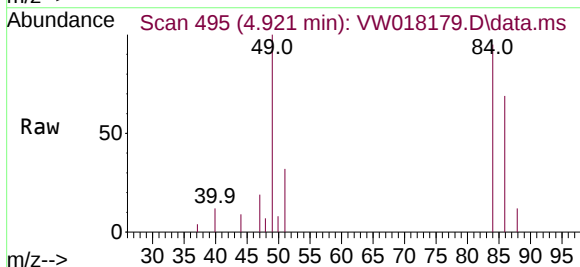
Instrument :
MSVOA_W
ClientSampled :

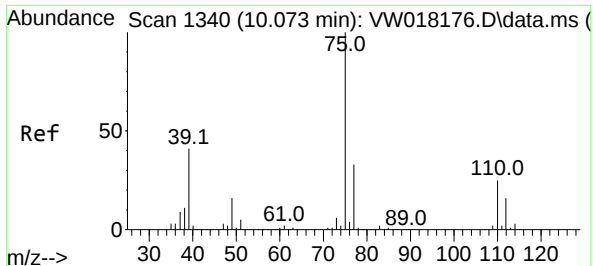
Tgt Ion: 43 Resp: 13590
Ion Ratio Lower Upper
43 100
58 34.4 0.0 68.4



#16
Methylene chloride
Concen: 0.85 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.012 min
Lab File: VW018179.D
Acq: 17 Feb 2021 12:09

Tgt Ion: 84 Resp: 5265
Ion Ratio Lower Upper
84 100
49 105.2 81.2 150.8
86 72.3 44.5 82.7

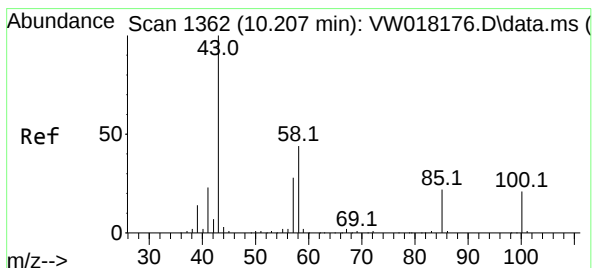
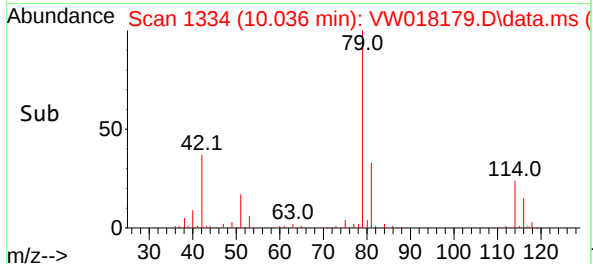
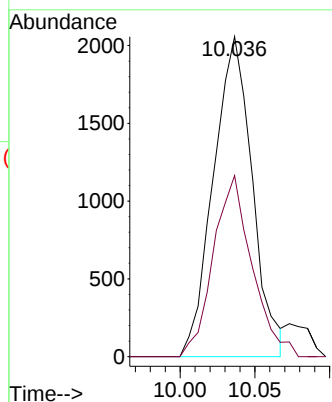
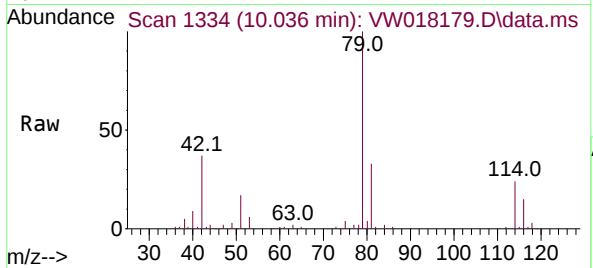




#42
cis-1,3-Dichloropropene
Concen: 0.48 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018179.D
Acq: 17 Feb 2021 12:09

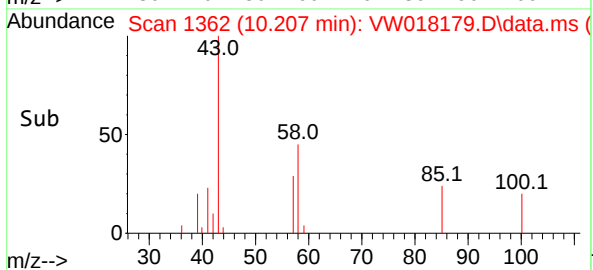
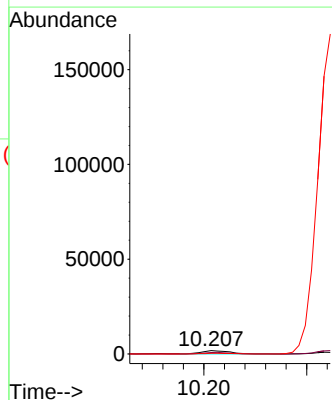
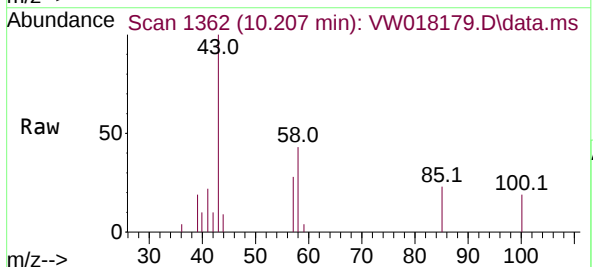
Instrument :
MSVOA_W
ClientSampled :

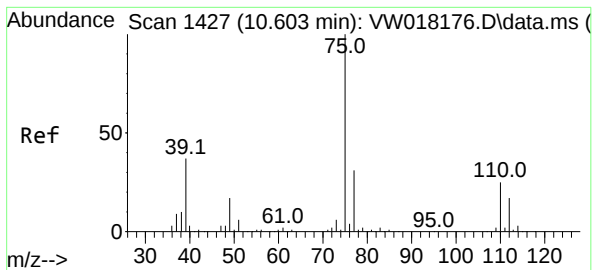
Tgt Ion: 75 Resp: 3716
Ion Ratio Lower Upper
75 100
77 56.6 22.7 42.3#



#43
4-Methyl-2-pentanone
Concen: 1.12 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW018179.D
Acq: 17 Feb 2021 12:09

Tgt Ion: 43 Resp: 3356
Ion Ratio Lower Upper
43 100
58 43.8 31.6 47.4
100 19.0 14.1 21.1





#45
 trans-1,3-Dichloropropene
 Concen: 0.37 ug/L
 RT: 10.579 min Scan# 1423
 Delta R.T. -0.024 min
 Lab File: VW018179.D
 Acq: 17 Feb 2021 12:09

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 75 Resp: 2491
 Ion Ratio Lower Upper
 75 100
 77 52.5 22.6 42.0#

