

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021921\
 Data File : VW018209.D
 Acq On : 19 Feb 2021 13:08
 Operator : SY/VA
 Sample : VW0219SBL01
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK12

Manual Integrations
 APPROVED

MMDadoda
 2/22/2021 4:59:41 PM

Quant Time: Feb 19 17:43:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 19 17:37:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	363468	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	327481	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	175227	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	79784	17.66	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	70.64%		
7) Chloroethane-d5	2.898	69	71909	20.06	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	80.24%		
10) 1,1-Dichloroethene-d2	4.025	63	136586	15.12	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	60.48%		
20) 2-Butanone-d5	7.074	46	52444	43.51	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	87.02%		
24) Chloroform-d	7.647	84	230725	24.19	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	96.76%		
26) 1,2-Dichloroethane-d4	8.305	65	118131	23.25	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	93.00%		
29) Benzene-d6	8.275	84	453461	25.22	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	100.88%		
33) 1,2-Dichloropropane-d6	9.275	67	130552	25.96	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	103.84%		
37) Toluene-d8	10.323	98	431675	25.23	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	100.92%		
38) trans-1,3-Dichloroprop...	10.579	79	54877	24.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	96.28%		
39) 2-Hexanone-d5	10.921	63	44825	46.62	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	93.24%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	109632	24.82	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	99.28%		
61) 1,2-Dichlorobenzene-d4	13.853	152	171760	27.48	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	109.92%		
Target Compounds						Qvalue
13) Acetone	4.123	43	1190m	1.33	ug/L	
16) Methylene chloride	4.928	84	6697	1.15	ug/L	90
68) 1,2,4-trichlorobenzene	15.133	180	1499	0.21	ug/L	92

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

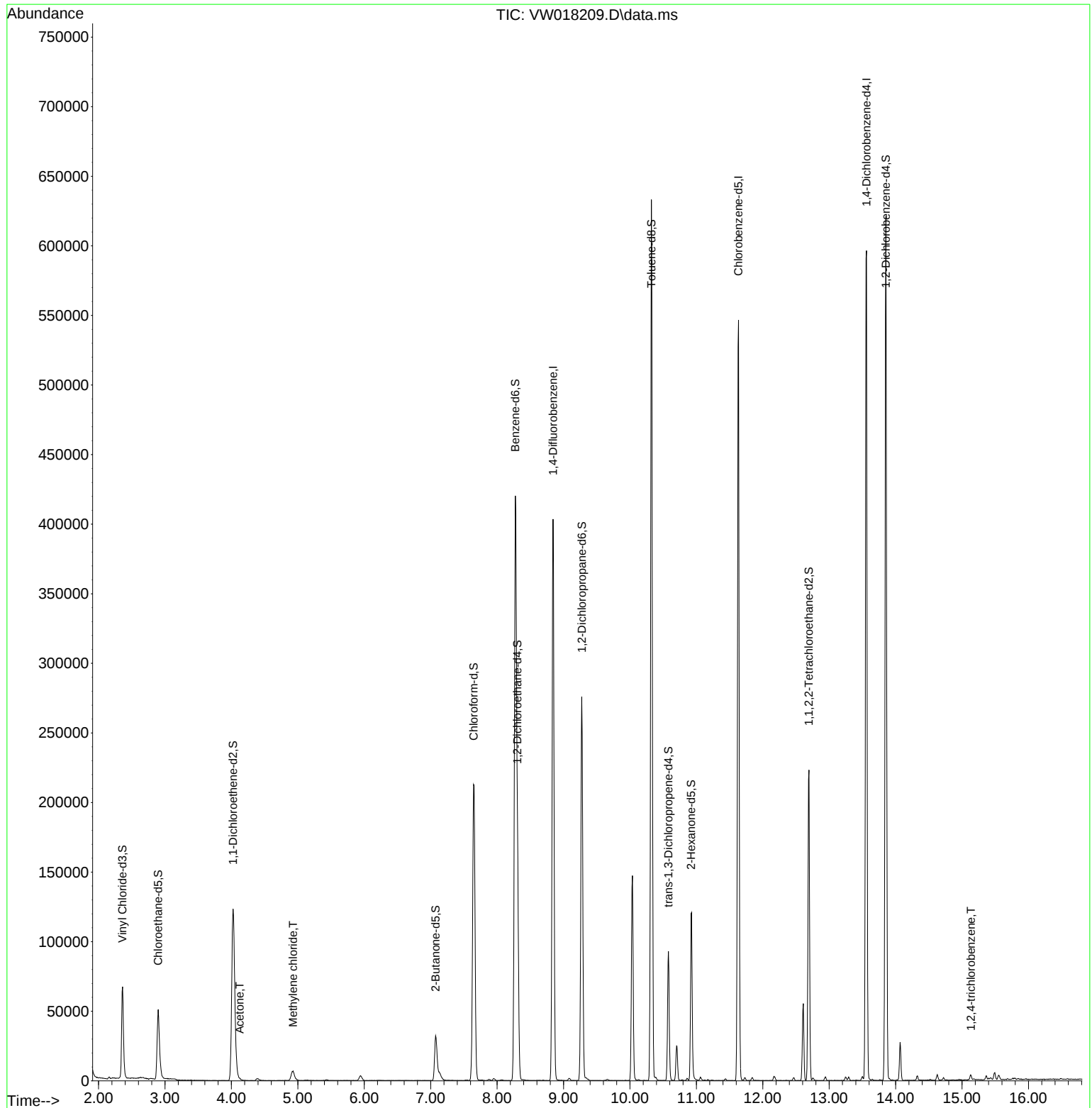
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021921\
Data File : VW018209.D
Acq On : 19 Feb 2021 13:08
Operator : SY/VA
Sample : VW0219SBL01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

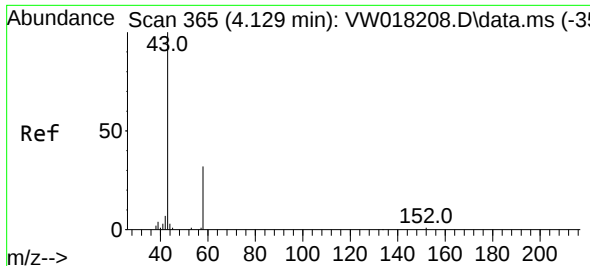
Instrument :
MSVOA_W
ClientSampleId :
VBLK12

Manual Integrations
APPROVED

MMDadoda
2/22/2021 4:59:41 PM

Quant Time: Feb 19 17:43:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 19 17:37:31 2021
Response via : Initial Calibration





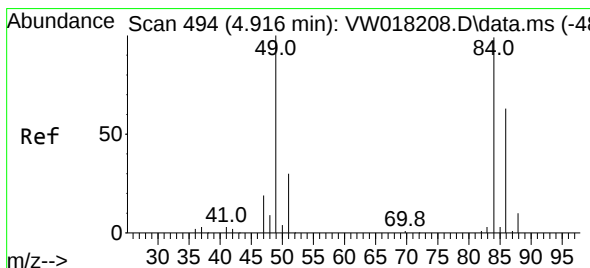
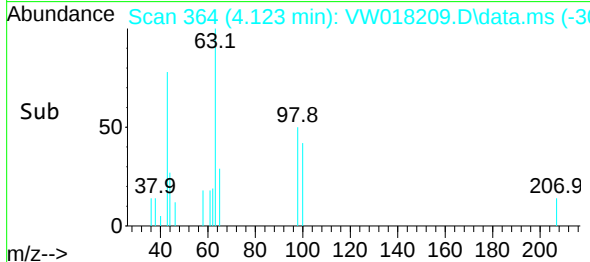
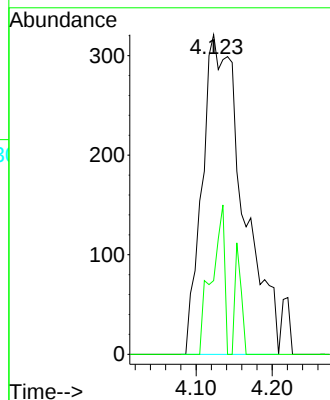
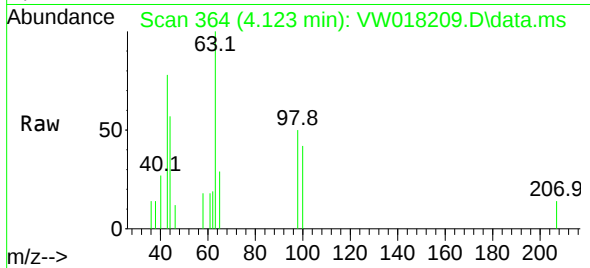
#13
Acetone
Concen: 1.33 ug/L m
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018209.D
Acq: 19 Feb 2021 13:08

Tgt Ion: 43 Resp: 1190
Ion Ratio Lower Upper
43 100
58 10.4 0.0 68.4

Instrument :
MSVOA_W
ClientSampleId :
VBLK12

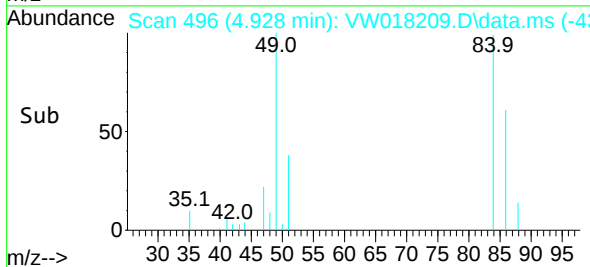
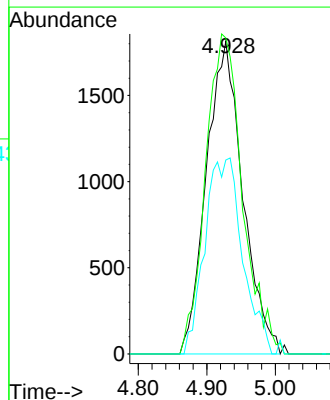
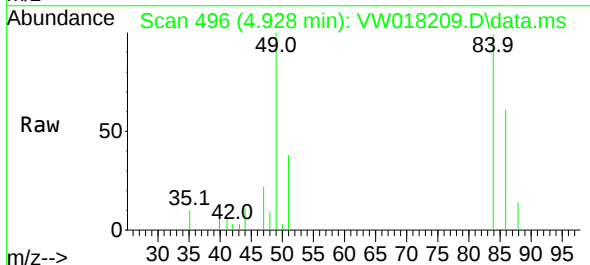
Manual Integrations
APPROVED

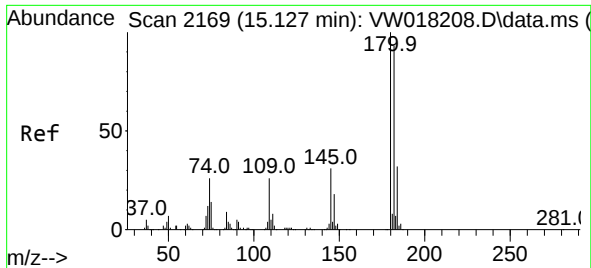
MMDadoda
2/22/2021 4:59:41 PM



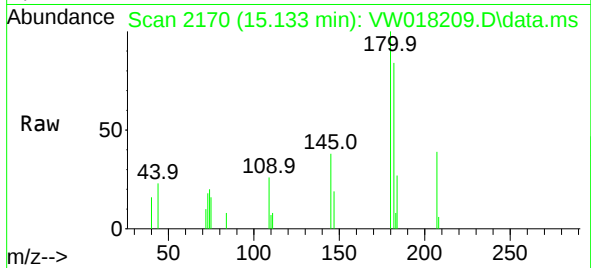
#16
Methylene chloride
Concen: 1.15 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.018 min
Lab File: VW018209.D
Acq: 19 Feb 2021 13:08

Tgt Ion: 84 Resp: 6697
Ion Ratio Lower Upper
84 100
49 101.1 81.2 150.8
86 62.0 44.5 82.7

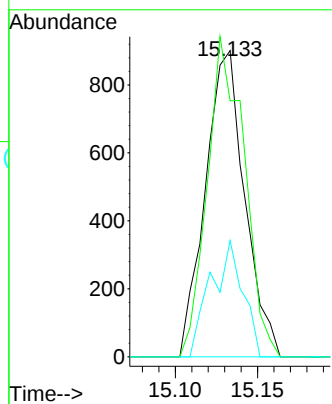
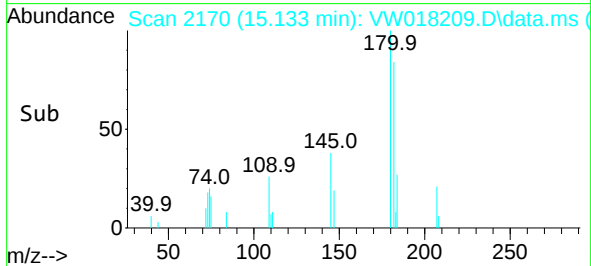




#68
 1,2,4-trichlorobenzene
 Concen: 0.21 ug/L
 RT: 15.133 min Scan# 2170
 Delta R.T. 0.006 min
 Lab File: VW018209.D
 Acq: 19 Feb 2021 13:08



Tgt Ion:	180	Resp:	1499
Ion	Ratio	Lower	Upper
180	100		
182	98.1	71.3	106.9
145	30.9	24.0	36.0



Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK12

Manual Integrations
 APPROVED

MMDadoda
 2/22/2021 4:59:41 PM