

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

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)

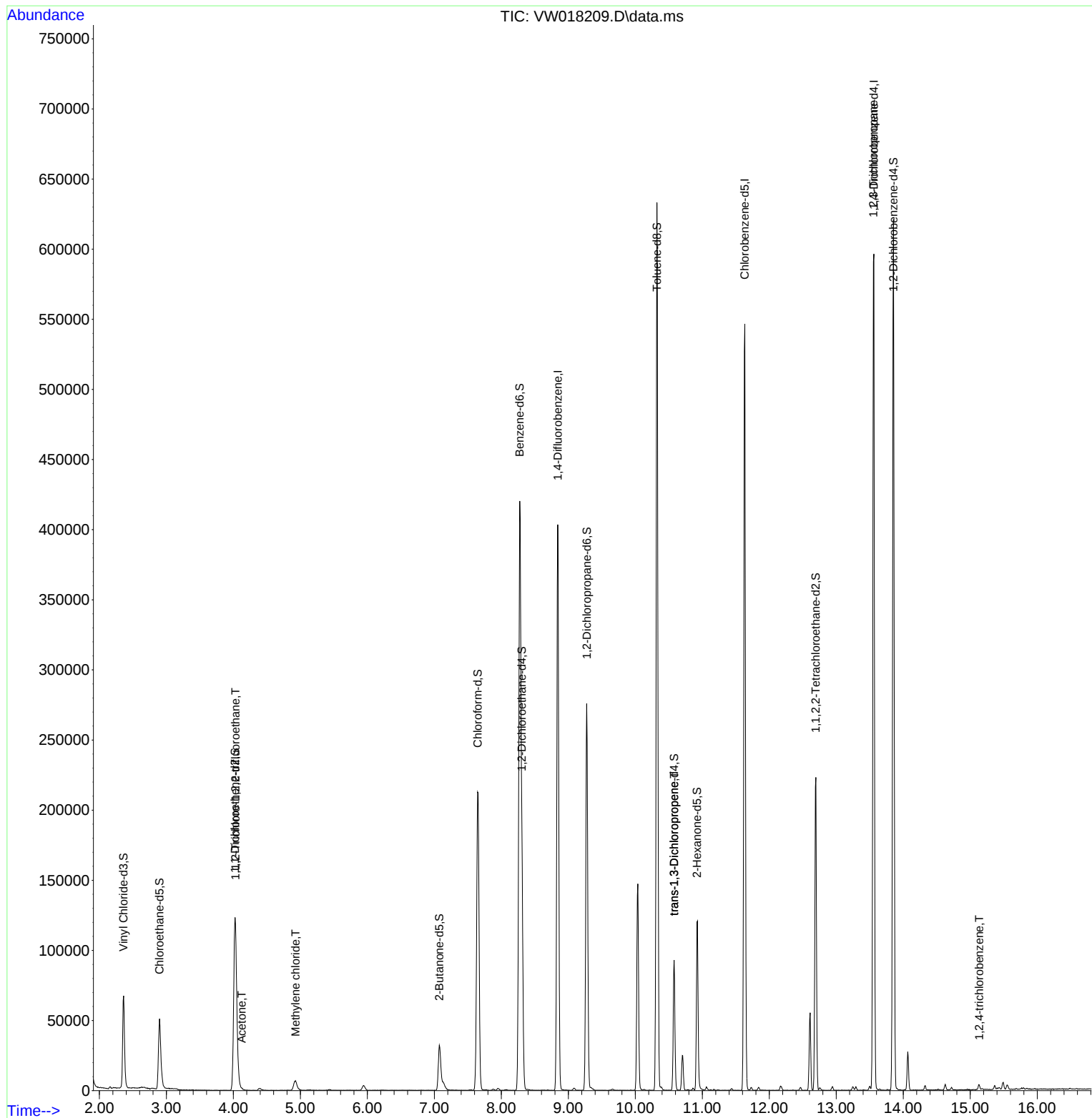
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	363468	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	327481	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	175227	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	79784	17.66	ug/L	0.00
Spiked Amount 25.000	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
11) 1,1,2-Trichloro-1,2,2-...	4.032	101	1570	0.30	ug/L	# 41
13) Acetone	4.123	43	509	0.57	ug/L	83
16) Methylene chloride	4.928	84	6697	1.15	ug/L	90
45) trans-1,3-Dichloropropene	10.579	75	2732	0.44	ug/L	87
59) 1,2,3-Trichloropropane	13.554	75	17586	5.23	ug/L	98
68) 1,2,4-trichlorobenzene	15.133	180	1499	0.21	ug/L	92

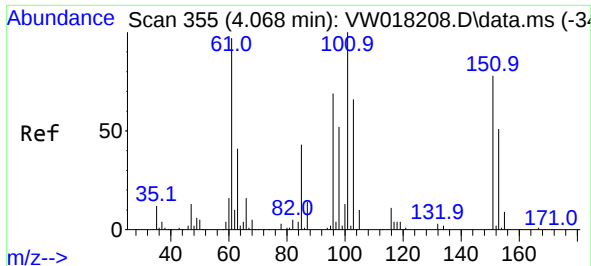
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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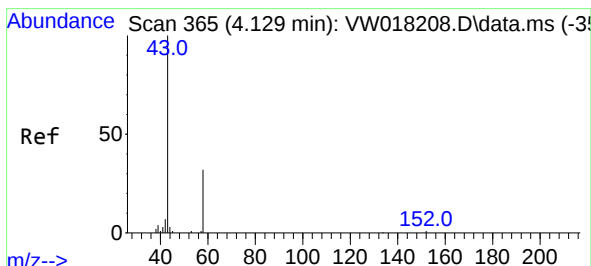
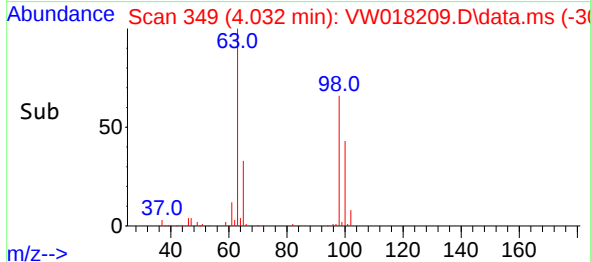
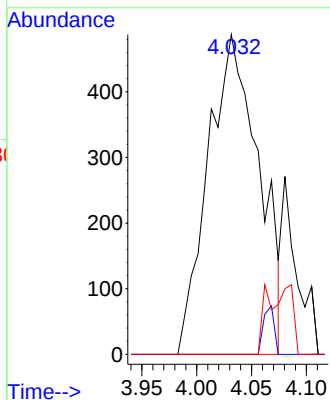
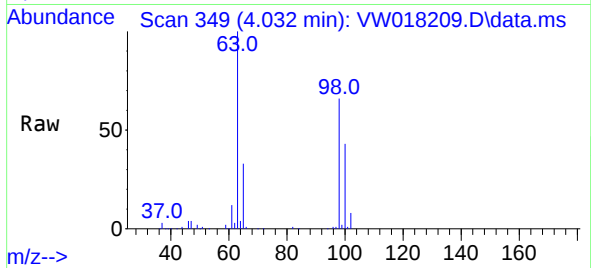


#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.30 ug/L
 RT: 4.032 min Scan# 349
 Delta R.T. -0.036 min
 Lab File: VW018209.D
 Acq: 19 Feb 2021 13:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK12

Tgt Ion:101 Resp: 1570

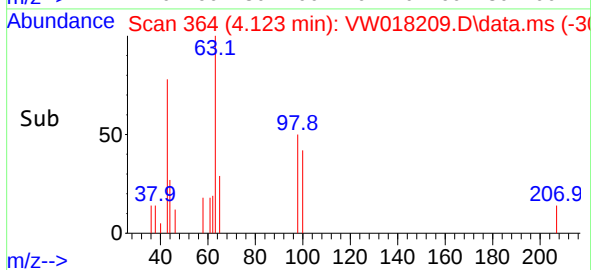
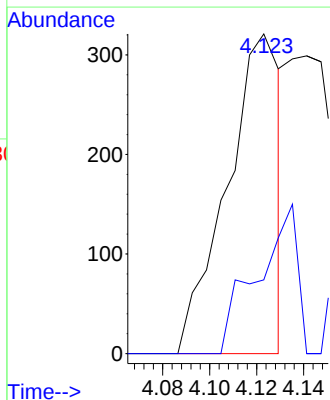
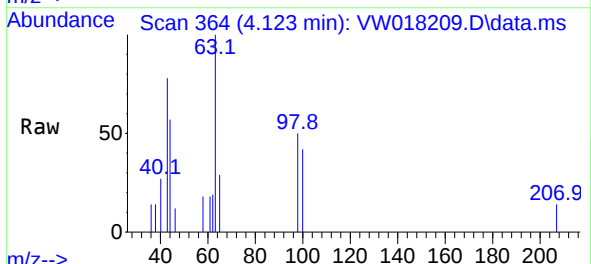
Ion	Ratio	Lower	Upper
101	100		
85	3.1	34.2	51.4#
151	4.1	30.4	45.6#

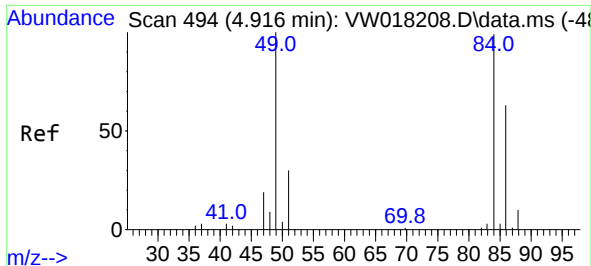


#13
 Acetone
 Concen: 0.57 ug/L
 RT: 4.123 min Scan# 364
 Delta R.T. 0.006 min
 Lab File: VW018209.D
 Acq: 19 Feb 2021 13:08

Tgt Ion: 43 Resp: 509

Ion	Ratio	Lower	Upper
43	100		
58	24.4	0.0	68.4

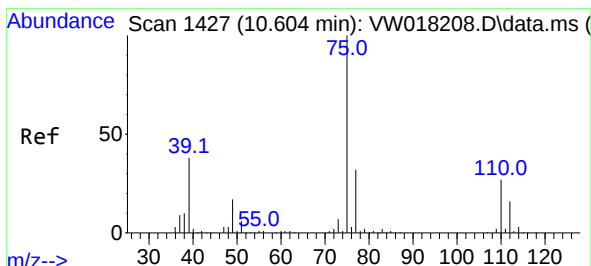
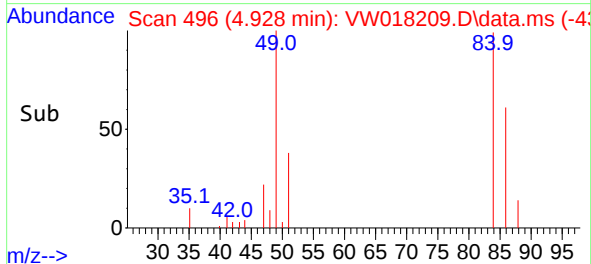
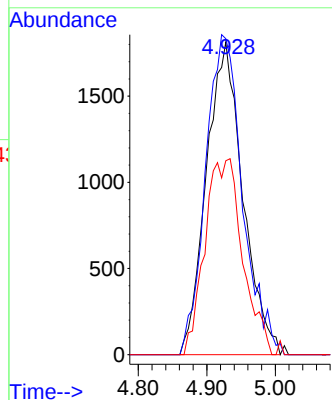
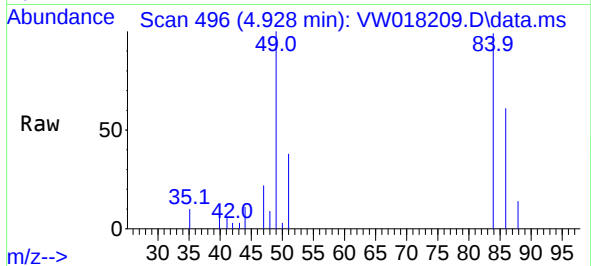




#16
Methylene chloride
Concen: 1.15 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.018 min
Lab File: VW018209.D
Acq: 19 Feb 2021 13:08

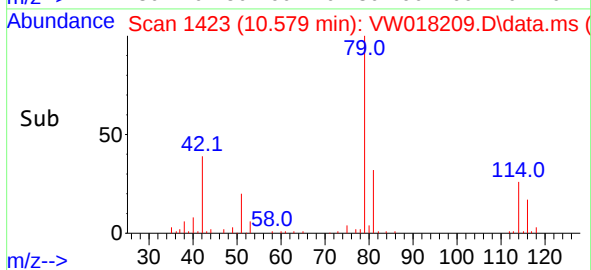
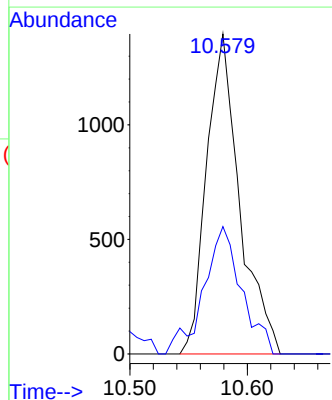
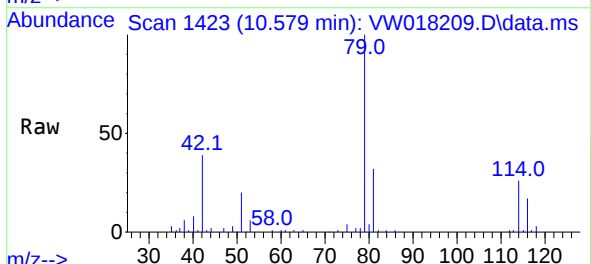
Instrument :
MSVOA_W
ClientSampled :
VBLK12

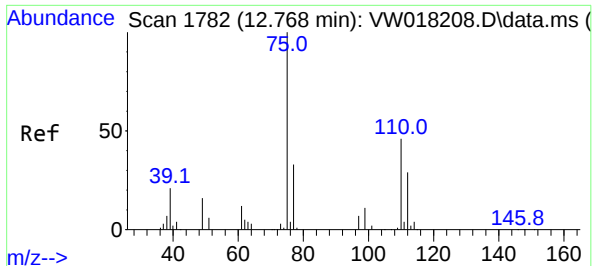
Tgt Ion: 84 Resp: 6697
Ion Ratio Lower Upper
84 100
49 101.1 81.2 150.8
86 62.0 44.5 82.7



#45
trans-1,3-Dichloropropene
Concen: 0.44 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018209.D
Acq: 19 Feb 2021 13:08

Tgt Ion: 75 Resp: 2732
Ion Ratio Lower Upper
75 100
77 39.8 22.6 42.0

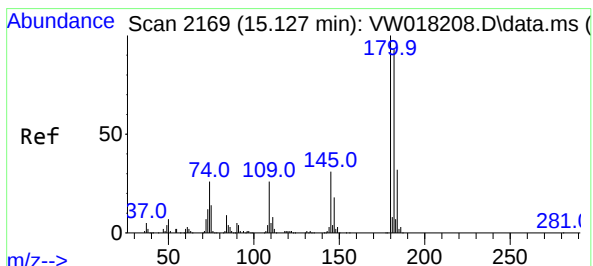
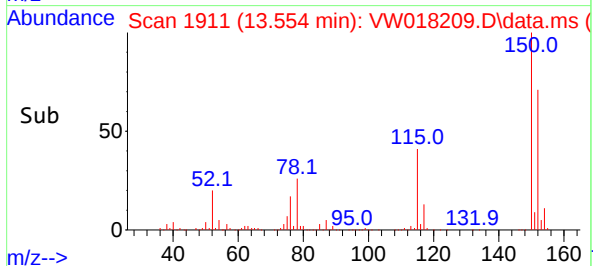
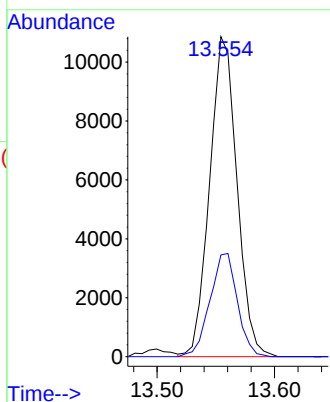
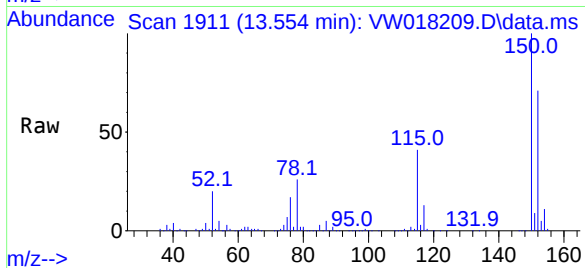




#59
1,2,3-Trichloropropane
Concen: 5.23 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.787 min
Lab File: VW018209.D
Acq: 19 Feb 2021 13:08

Instrument :
MSVOA_W
ClientSampleId :
VBLK12

Tgt Ion: 75 Resp: 17586
Ion Ratio Lower Upper
75 100
77 32.3 26.6 39.8



#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

