

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041321\
 Data File : VW018638.D
 Acq On : 13 Apr 2021 13:17
 Operator : SY/VA
 Sample : M1968-11
 Misc : 5.32G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG5B5

Quant Time: Apr 14 01:26:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 14 01:25:39 2021
 Response via : Initial Calibration

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

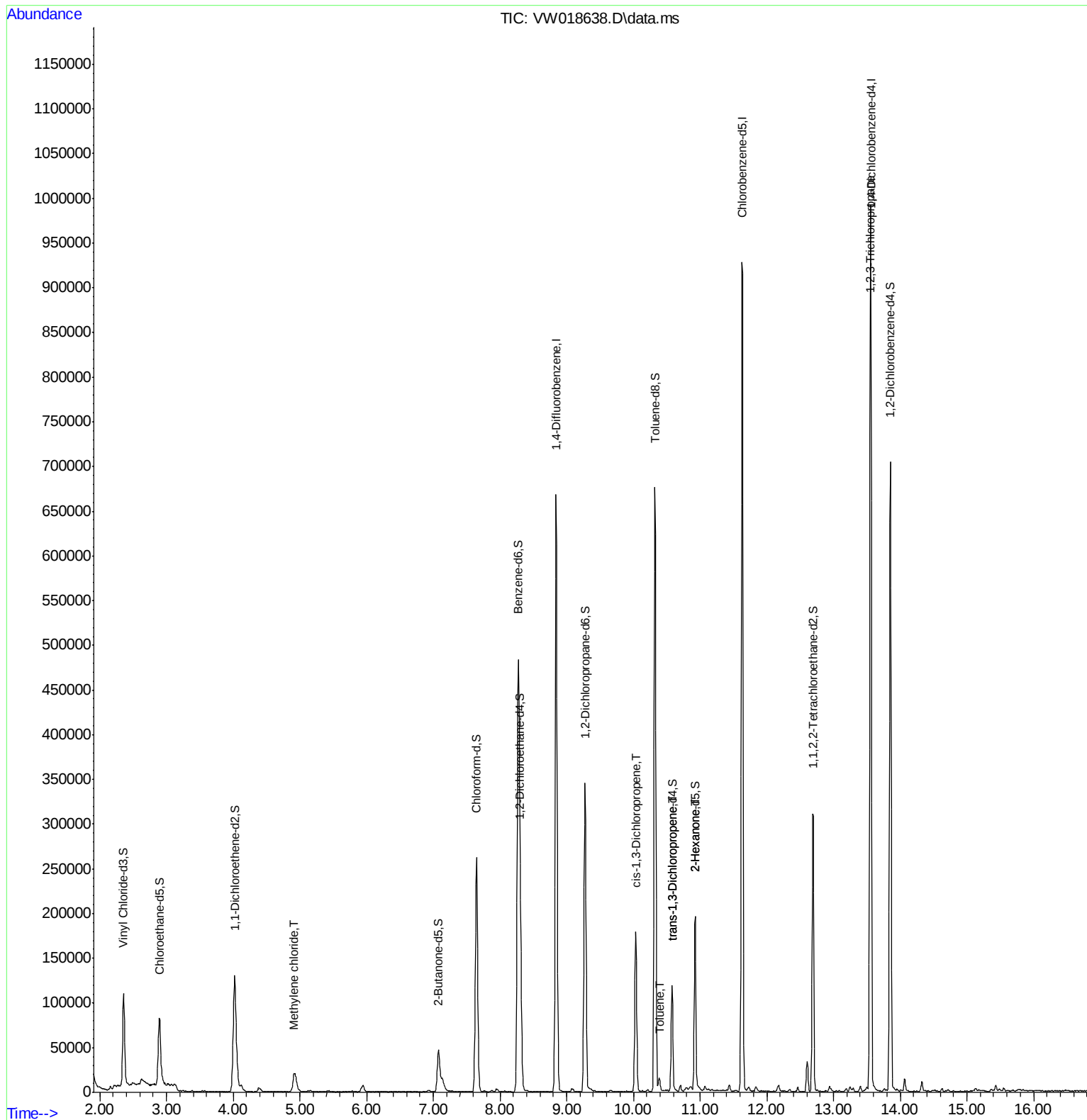
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	551481	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	496781	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	244463	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	124285	16.20	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	64.80%		
7) Chloroethane-d5	2.897	69	107020	15.93	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	63.72%		
10) 1,1-Dichloroethene-d2	4.019	63	146880	11.08	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	44.32%#		
20) 2-Butanone-d5	7.074	46	80198	46.94	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	93.88%		
24) Chloroform-d	7.647	84	263447	18.76	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	75.04%		
26) 1,2-Dichloroethane-d4	8.305	65	160937	19.63	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	78.52%		
29) Benzene-d6	8.275	84	485330	18.38	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	73.52%		
33) 1,2-Dichloropropane-d6	9.274	67	151039	19.83	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	79.32%		
37) Toluene-d8	10.323	98	455729	17.92	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	71.68%		
38) trans-1,3-Dichloroprop...	10.579	79	64359	16.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	65.52%		
39) 2-Hexanone-d5	10.927	63	64933	43.55	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	87.10%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	151155	22.18	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	88.72%		
61) 1,2-Dichlorobenzene-d4	13.853	152	168475	19.38	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	77.52%		
Target Compounds						
16) Methylene chloride	4.909	84	7769	0.86	ug/L	88
42) cis-1,3-Dichloropropene	10.036	75	5672	0.48	ug/L	84
44) Toluene	10.390	91	10059	0.31	ug/L	99
45) trans-1,3-Dichloropropene	10.579	75	3865	0.36	ug/L	93
49) 2-Hexanone	10.927	43	8444	2.82	ug/L #	65
59) 1,2,3-Trichloropropane	13.554	75	32939	6.42	ug/L	98

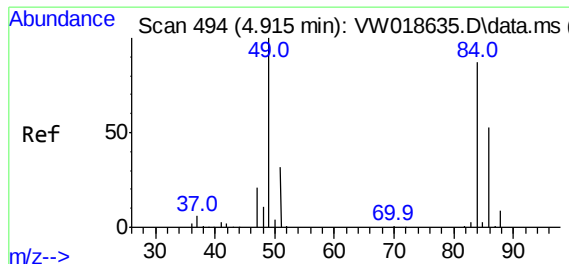
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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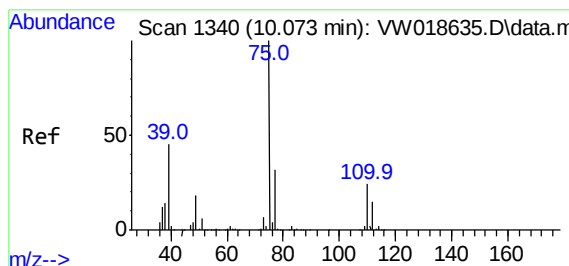
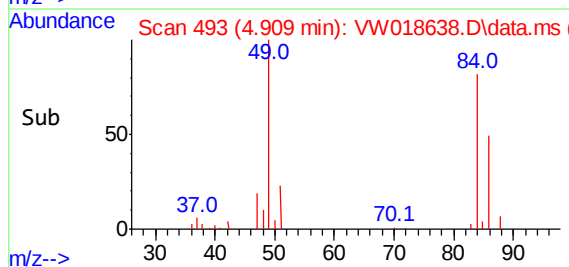
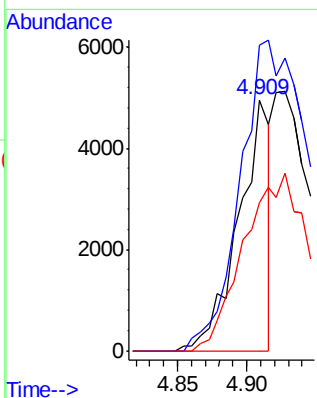
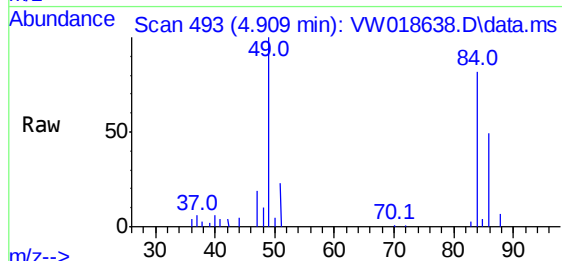


#16
Methylene chloride
Concen: 0.86 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW018638.D
Acq: 13 Apr 2021 13:17

Instrument :
MSVOA_W
ClientSampleId :
BG5B5

Tgt Ion: 84 Resp: 7769

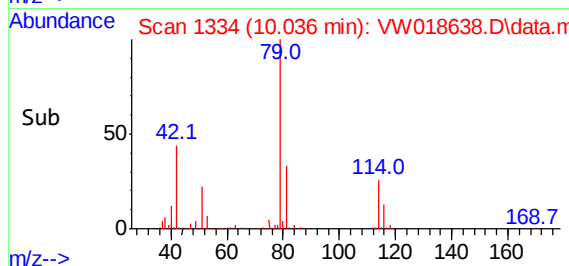
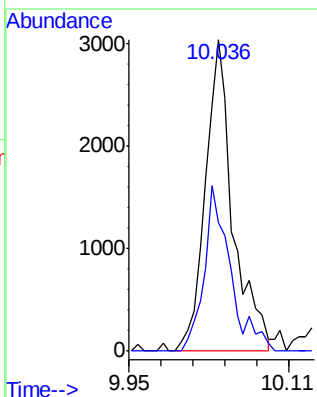
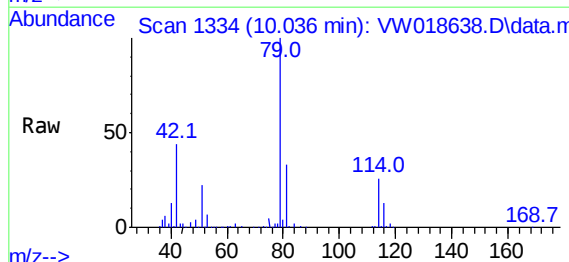
Ion	Ratio	Lower	Upper
84	100		
49	121.8	74.4	138.2
86	59.3	46.1	85.7

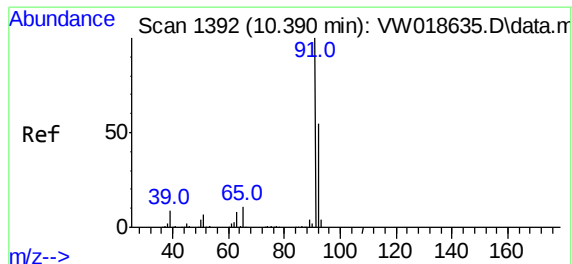


#42
cis-1,3-Dichloropropene
Concen: 0.48 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW018638.D
Acq: 13 Apr 2021 13:17

Tgt Ion: 75 Resp: 5672

Ion	Ratio	Lower	Upper
75	100		
77	41.0	22.4	41.6

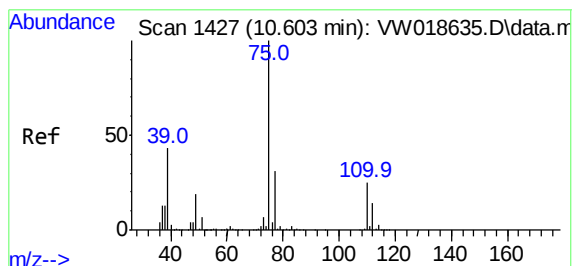
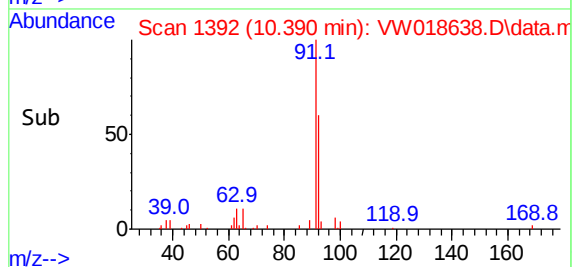
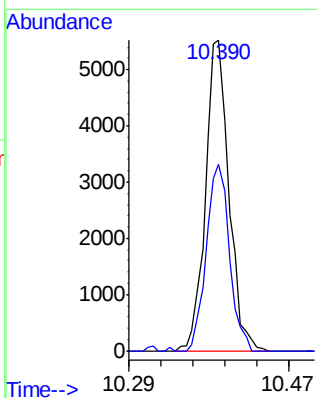
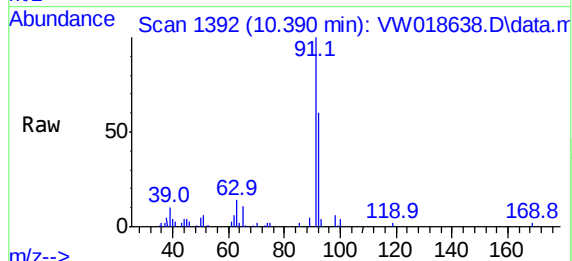




#44
Toluene
Concen: 0.31 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW018638.D
Acq: 13 Apr 2021 13:17

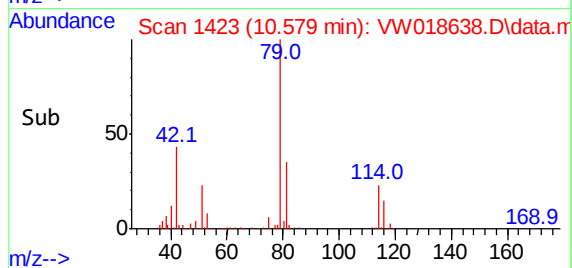
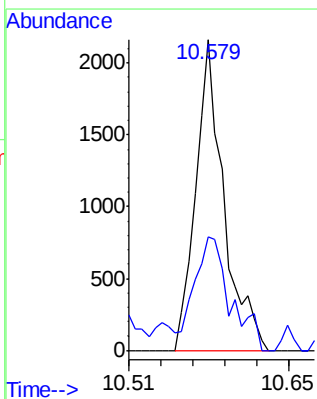
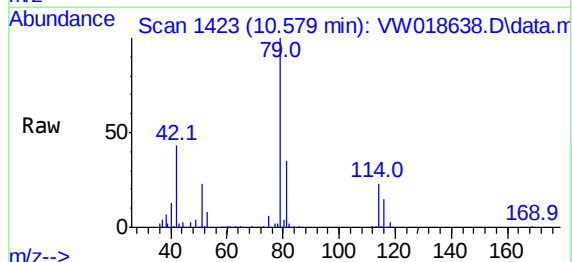
Instrument :
MSVOA_W
ClientSampled :
BG5B5

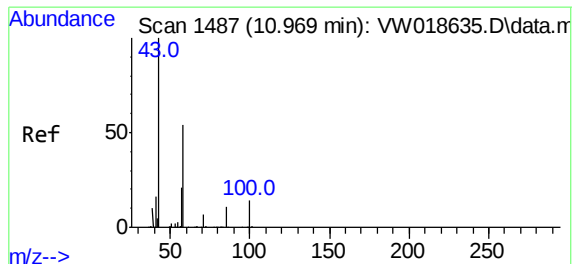
Tgt Ion: 91 Resp: 10059
Ion Ratio Lower Upper
91 100
92 60.0 42.3 78.5



#45
trans-1,3-Dichloropropene
Concen: 0.36 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018638.D
Acq: 13 Apr 2021 13:17

Tgt Ion: 75 Resp: 3865
Ion Ratio Lower Upper
75 100
77 36.5 22.6 42.0

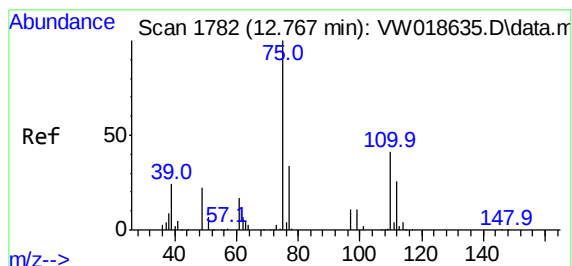
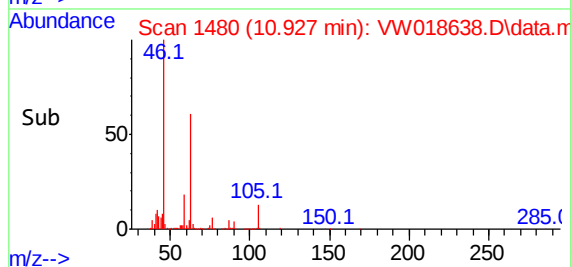
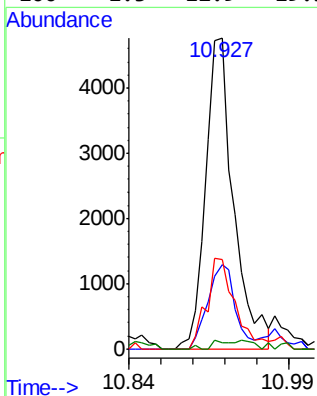
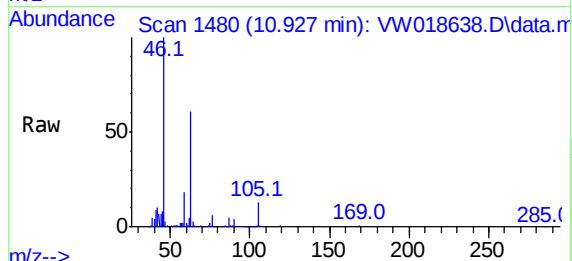




#49
2-Hexanone
Concen: 2.82 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.042 min
Lab File: VW018638.D
Acq: 13 Apr 2021 13:17

Instrument :
MSVOA_W
ClientSampleId :
BG5B5

Tgt Ion:	43	Resp:	8444
Ion	Ratio	Lower	Upper
43	100		
58	26.9	47.3	70.9#
57	28.6	17.3	25.9#
100	1.3	12.9	19.3#



#59
1,2,3-Trichloropropane
Concen: 6.42 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.787 min
Lab File: VW018638.D
Acq: 13 Apr 2021 13:17

Tgt Ion:	75	Resp:	32939
Ion	Ratio	Lower	Upper
75	100		
77	33.0	25.6	38.4

